Table S6. All gene ontology categories (GOs) of all differentially expressed genes (DEGs) by comparison, GO group and GO subgroup. L, *B. lignifera* ; M, *B. microphylla* ; F, *B. x formosa* ; S, *B. stricta* ; 1, megasporocyte (MMC) stage; 2, meiocyte stage; 3, young gametophyte stage; 4, mature gametophyte stage; GO types: P, biological process; F, molecular function, C, cellular component.

Line no.		Comparison	DEGs used	GO no.	GO group	GO subgroup	GO description	Type	DEG
1	1	L123 vs. M123	L123 up	GO:0008283	Development	Cell division	cell population proliferation	P	AT4G02060
2	1	L123 vs. M123	L123 up	GO:0030261	Development	Cell division	chromosome condensation	P	AT2G30620
3	1	L123 vs. M123	L123 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G50960
4	1	L123 vs. M123	L123 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G60740
5	1	L123 vs. M123	L123 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G02060
6	1	L123 vs. M123	L123 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G12620
7	1	L123 vs. M123	L123 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G02060
8	1	L123 vs. M123	L123 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G12620
9	1	L123 vs. M123	L123 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G02060
10	1	L123 vs. M123	L123 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G12620
11	1	L123 vs. M123	L123 up	GO:0006271	Development	Cell division	DNA strand elongation involved in DNA replication	P	AT4G02060
12	1	L123 vs. M123	L123 up	GO:0006268	Development	Cell division	DNA unwinding involved in DNA replication	P	AT4G02060
13	1	L123 vs. M123	L123 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G34380
14	1	L123 vs. M123	L123 up	GO:0003887	Development	Cell division	DNA-directed DNA polymerase activity	F	AT1G34380
15	1	L123 vs. M123	L123 up	GO:0000727	Development	Cell division	double-strand break repair via break-induced replication	P	AT4G02060
16	1	L123 vs. M123	L123 up	GO:0010385	Development	Cell division	double-stranded methylated DNA binding	F	AT4G12620
17	1	L123 vs. M123	L123 up	GO:0042555	Development	Cell division	MCM complex	C	AT4G02060
18	1	L123 vs. M123	L123 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT1G64740
19	1	L123 vs. M123	L123 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G12620
20	1	L123 vs. M123	L123 up	GO:0033314	Development	Cell division	mitotic DNA replication checkpoint	P	AT4G12620
21	1	L123 vs. M123	L123 up	GO:0045910	Development	Cell division	negative regulation of DNA recombination	P	AT2G30620
22	1	L123 vs. M123	L123 up	GO:0000280	Development	Cell division	nuclear division	P	AT3G50960
23	1	L123 vs. M123	L123 up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT4G12620
24	1	L123 vs. M123	L123 up	GO:0031492	Development	Cell division	nucleosomal DNA binding	F	AT2G30620
25	1	L123 vs. M123	L123 up	GO:0000786	Development	Cell division	nucleosome	C	AT2G30620
26	1	L123 vs. M123	L123 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G65360
27	1	L123 vs. M123	L123 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT2G30620
28	1	L123 vs. M123	L123 up	GO:0016584	Development	Cell division	nucleosome positioning	P	AT2G30620
29	1	L123 vs. M123	L123 up	GO:0008252	Development	Cell division	nucleotidase activity	F	AT4G14930
30	1	L123 vs. M123	L123 up	GO:0000808	Development	Cell division	origin recognition complex	C	AT4G12620
31	1	L123 vs. M123	L123 up	GO:0006267	Development	Cell division	pre-replicative complex assembly involved in nuclear cell cycle DNA replication	P	AT4G02060
32	1	L123 vs. M123	L123 up	GO:0048544	Development	Cell division	recognition of pollen	P	AT1G11410
33	1	L123 vs. M123	L123 up	GO:1990518	Development	Cell division	single-stranded 3'-5' DNA helicase activity	F	AT4G02060
34	1	L123 vs. M123	L123 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT4G02060
35	1	L123 vs. M123	L123 up	GO:0005819	Development	Cell division	spindle	C	AT4G35020
36	1	L123 vs. M123	L123 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT4G35020
37	1	L123 vs. M123	L123 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G72230
38	1	L123 vs. M123	L123 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT1G72230
39	1	L123 vs. M123	L123 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT3G50960
40	1	L123 vs. M123	L123 up	GO:0048046	Development	Development	apoplast	C	AT1G16080
41	1	L123 vs. M123	L123 up	GO:0048046	Development	Development	apoplast	C	AT2G36530
42	1	L123 vs. M123	L123 up	GO:0048046	Development	Development	apoplast	C	AT5G09440
43	1	L123 vs. M123	L123 up	GO:0005938	Development	Development	cell cortex	C	AT4G35020
44	1	L123 vs. M123	L123 up	GO:0042995	Development	Development	cell projection	C	AT4G35020
45	1	L123 vs. M123	L123 up	GO:0005618	Development	Development	cell wall	C	AT3G16240
46	1	L123 vs. M123	L123 up	GO:0005575	Development	Development	cellular_component	C	AT3G15430
47	1	L123 vs. M123	L123 up	GO:0042807	Development	Development	central vacuole	C	AT3G16240
48	1	L123 vs. M123	L123 up	GO:0000785	Development	Development	chromatin	C	AT1G20693
49	1	L123 vs. M123	L123 up	GO:0006333	Development	Development	chromatin assembly or disassembly	P	AT1G20693

50	1	L123 vs. M123	L123 up	GO:0010369	Development	Development	chromocenter	C	AT5G65360
51	1	L123 vs. M123	L123 up	GO:0005801	Development	Development	cis-Golgi network	C	AT1G15880
52	1	L123 vs. M123	L123 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT3G50960
53	1	L123 vs. M123	L123 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT5G23720
54	1	L123 vs. M123	L123 up	GO:0048825	Development	Development	cotyledon development	P	AT2G32280
55	1	L123 vs. M123	L123 up	GO:0010588	Development	Development	cotyledon vascular tissue pattern formation	P	AT2G32280
56	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09270
57	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G16470
58	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23490
59	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G34380
60	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G49670
61	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G50440
62	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G64740
63	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79340
64	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01350
65	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01670
66	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36530
67	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G41140
68	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G41900
69	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42690
70	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14130
71	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G17020
72	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19240
73	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G23000
74	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G50960
75	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53620
76	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55170
77	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G60740
78	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02060
79	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14930
80	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G15093
81	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25100
82	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33640
83	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G35020
84	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G37870
85	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39280
86	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01660
87	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G17760
88	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23720
89	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47060
90	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G48760
91	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54160
92	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G57610
93	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G60940
94	1	L123 vs. M123	L123 up	GO:0005737	Development	Development	cytoplasm	C	ATCG00670
95	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G09270
96	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G16470
97	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G19920
98	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G20693
99	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G31190
100	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G64740
101	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G72680
102	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT1G79340
103	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT2G29370
104	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT2G36530
105	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT2G42690

106	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT2G45740
107	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT2G47970
108	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G06690
109	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G09300
110	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G12500
111	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G16100
112	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G17020
113	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G48000
114	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G51000
115	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G53620
116	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G60740
117	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G61990
118	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT3G62310
119	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G14930
120	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G25100
121	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G31700
122	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G32320
123	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G33640
124	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G34710
125	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G37870
126	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT4G39280
127	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT5G10070
128	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT5G18110
129	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT5G21060
130	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT5G47240
131	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT5G50960
132	1	L123 vs. M123	L123 up	GO:0005829	Development	Development	cytosol	C	AT5G54160
133	1	L123 vs. M123	L123 up	GO:0009855	Development	Development	determination of bilateral symmetry	P	AT2G32280
134	1	L123 vs. M123	L123 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G12620
135	1	L123 vs. M123	L123 up	GO:0009790	Development	Development	embryo development	P	AT4G02060
136	1	L123 vs. M123	L123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G32930
137	1	L123 vs. M123	L123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G53580
138	1	L123 vs. M123	L123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G60740
139	1	L123 vs. M123	L123 up	GO:0012505	Development	Development	endomembrane system	C	AT1G10130
140	1	L123 vs. M123	L123 up	GO:0009960	Development	Development	endosperm development	P	AT1G53580
141	1	L123 vs. M123	L123 up	GO:0007163	Development	Development	establishment or maintenance of cell polarity	P	AT4G35020
142	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT1G11410
143	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT1G58440
144	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT2G01610
145	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT3G06500
146	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT3G08770
147	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT3G12500
148	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT3G61990
149	1	L123 vs. M123	L123 up	GO:0005576	Development	Development	extracellular region	C	AT4G38690
150	1	L123 vs. M123	L123 up	GO:0005615	Development	Development	extracellular space	C	AT5G09440
151	1	L123 vs. M123	L123 up	GO:0042406	Development	Development	extrinsic component of endoplasmic reticulum membrane	C	AT4G16710
152	1	L123 vs. M123	L123 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G15880
153	1	L123 vs. M123	L123 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G14270
154	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G10130
155	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G11410
156	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G15880
157	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G17280
158	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24470

159	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G29930
160	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32930
161	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G50440
162	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G58440
163	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G67600
164	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68820
165	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G32280
166	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34585
167	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38330
168	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G41700
169	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G47380
170	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G16240
171	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22290
172	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50170
173	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18230
174	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G19450
175	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G26550
176	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G28390
177	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G34190
178	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G17760
179	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G23060
180	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G36290
181	1	L123 vs. M123	L123 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00830
182	1	L123 vs. M123	L123 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G47420
183	1	L123 vs. M123	L123 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G02700
184	1	L123 vs. M123	L123 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G16150
185	1	L123 vs. M123	L123 up	GO:0005622	Development	Development	intracellular	C	AT3G12500
186	1	L123 vs. M123	L123 up	GO:0005622	Development	Development	intracellular	C	AT5G49890
187	1	L123 vs. M123	L123 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G41700
188	1	L123 vs. M123	L123 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G09300
189	1	L123 vs. M123	L123 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G15490
190	1	L123 vs. M123	L123 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G49890
191	1	L123 vs. M123	L123 up	GO:0031902	Development	Development	late endosome membrane	C	AT1G10130
192	1	L123 vs. M123	L123 up	GO:0048366	Development	Development	leaf development	P	AT2G32280
193	1	L123 vs. M123	L123 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT2G32280
194	1	L123 vs. M123	L123 up	GO:0016020	Development	Development	membrane	C	AT3G09300
195	1	L123 vs. M123	L123 up	GO:0016020	Development	Development	membrane	C	AT4G28390
196	1	L123 vs. M123	L123 up	GO:0005874	Development	Development	microtubule	C	AT1G64740
197	1	L123 vs. M123	L123 up	GO:0005874	Development	Development	microtubule	C	AT3G50960
198	1	L123 vs. M123	L123 up	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT1G64740
199	1	L123 vs. M123	L123 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT1G64740
200	1	L123 vs. M123	L123 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT3G60740
201	1	L123 vs. M123	L123 up	GO:0007017	Development	Development	microtubule-based process	P	AT1G64740
202	1	L123 vs. M123	L123 up	GO:0007017	Development	Development	microtubule-based process	P	AT3G60740
203	1	L123 vs. M123	L123 up	GO:0000790	Development	Development	nuclear chromatin	C	AT4G02060
204	1	L123 vs. M123	L123 up	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT4G12620
205	1	L123 vs. M123	L123 up	GO:0005643	Development	Development	nuclear pore	C	AT1G09270
206	1	L123 vs. M123	L123 up	GO:0090305	Development	Development	nucleic acid phosphodiester bond hydrolysis	P	AT1G56310
207	1	L123 vs. M123	L123 up	GO:0007000	Development	Development	nucleolus organization	P	AT3G50960
208	1	L123 vs. M123	L123 up	GO:0005654	Development	Development	nucleoplasm	C	AT1G09270
209	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G01350
210	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G10130
211	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G16080
212	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G16470
213	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G16920
214	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G19550

215	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G19920
216	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G20693
217	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G23490
218	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G29930
219	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G34380
220	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G49670
221	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G53580
222	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G56310
223	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G64740
224	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G67520
225	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G68820
226	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G71130
227	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT1G79340
228	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G01670
229	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G15760
230	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G20670
231	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G30620
232	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G36530
233	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G41140
234	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G41900
235	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G42690
236	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT2G47970
237	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G06690
238	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G09300
239	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G16100
240	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G19240
241	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G23000
242	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G49640
243	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G50960
244	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G51000
245	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G62310
246	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT3G63390
247	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT4G02060
248	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT4G12620
249	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT4G31700
250	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT4G34710
251	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT4G35020
252	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT4G37870
253	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G01660
254	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G10070
255	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G18110
256	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G47060
257	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G50960
258	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G54160
259	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G56880
260	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G57610
261	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G59960
262	1	L123 vs. M123	L123 up	GO:0005634	Development	Development	nucleus	C	AT5G65360
263	1	L123 vs. M123	L123 up	GO:0010087	Development	Development	phloem or xylem histogenesis	P	AT2G32280
264	1	L123 vs. M123	L123 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G16240
265	1	L123 vs. M123	L123 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G42570
266	1	L123 vs. M123	L123 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G16240
267	1	L123 vs. M123	L123 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G49890
268	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11410
269	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G14270
270	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G16920

271	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64740
272	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G67520
273	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G79340
274	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT2G15760
275	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36530
276	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41140
277	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16100
278	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16240
279	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17020
280	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G26980
281	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G16620
282	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25100
283	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26550
284	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28390
285	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30010
286	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31700
287	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35020
288	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38690
289	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39280
290	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT5G17760
291	1	L123 vs. M123	L123 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54160
292	1	L123 vs. M123	L123 up	GO:0009555	Development	Development	pollen development	P	AT4G02060
293	1	L123 vs. M123	L123 up	GO:0000326	Development	Development	protein storage vacuole	C	AT3G16240
294	1	L123 vs. M123	L123 up	GO:0048364	Development	Development	root development	P	AT1G10130
295	1	L123 vs. M123	L123 up	GO:0048316	Development	Development	seed development	P	AT1G53580
296	1	L123 vs. M123	L123 up	GO:0048316	Development	Development	seed development	P	AT4G34710
297	1	L123 vs. M123	L123 up	GO:0009845	Development	Development	seed germination	P	AT4G32320
298	1	L123 vs. M123	L123 up	GO:0010431	Development	Development	seed maturation	P	AT4G32320
299	1	L123 vs. M123	L123 up	GO:0030427	Development	Development	site of polarized growth	C	AT4G35020
300	1	L123 vs. M123	L123 up	GO:0010319	Development	Development	stromule	C	AT1G67280
301	1	L123 vs. M123	L123 up	GO:0030527	Development	Development	structural constituent of chromatin	F	AT1G20693
302	1	L123 vs. M123	L123 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT1G64740
303	1	L123 vs. M123	L123 up	GO:0007021	Development	Development	tubulin complex assembly	P	AT3G60740
304	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G16920
305	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G34585
306	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G41700
307	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G12500
308	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16100
309	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16240
310	1	L123 vs. M123	L123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G49890
311	1	L123 vs. M123	L123 up	GO:0005773	Development	Development	vacuole	C	AT1G16920
312	1	L123 vs. M123	L123 up	GO:0005773	Development	Development	vacuole	C	AT2G34585
313	1	L123 vs. M123	L123 up	GO:0005773	Development	Development	vacuole	C	AT3G12500
314	1	L123 vs. M123	L123 up	GO:0005773	Development	Development	vacuole	C	AT3G16240
315	1	L123 vs. M123	L123 up	GO:0005773	Development	Development	vacuole	C	AT4G29690
316	1	L123 vs. M123	L123 up	GO:0006906	Development	Development	vesicle fusion	P	AT1G15880
317	1	L123 vs. M123	L123 up	GO:0003997	Metabolism	Bioenergetics	acyl-CoA oxidase activity	F	AT3G06690
318	1	L123 vs. M123	L123 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT4G12010
319	1	L123 vs. M123	L123 up	GO:0047631	Metabolism	Bioenergetics	ADP-ribose diphosphatase activity	F	AT5G47240
320	1	L123 vs. M123	L123 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G48000
321	1	L123 vs. M123	L123 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G41700
322	1	L123 vs. M123	L123 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G17760
323	1	L123 vs. M123	L123 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	AT1G11750
324	1	L123 vs. M123	L123 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	ATCG00670
325	1	L123 vs. M123	L123 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G11410
326	1	L123 vs. M123	L123 up	GO:0017004	Metabolism	Bioenergetics	cytochrome complex assembly	P	ATMG00830

327	1	L123 vs. M123	L123 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G60950
328	1	L123 vs. M123	L123 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G72230
329	1	L123 vs. M123	L123 up	GO:0033540	Metabolism	Bioenergetics	fatty acid beta-oxidation using acyl-CoA oxidase	P	AT3G06690
330	1	L123 vs. M123	L123 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT3G06690
331	1	L123 vs. M123	L123 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT4G37870
332	1	L123 vs. M123	L123 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G48000
333	1	L123 vs. M123	L123 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G36530
334	1	L123 vs. M123	L123 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT3G14130
335	1	L123 vs. M123	L123 up	GO:0006120	Metabolism	Bioenergetics	mitochondrial electron transport, NADH to ubiquinone	P	AT3G03070
336	1	L123 vs. M123	L123 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT2G36530
337	1	L123 vs. M123	L123 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT4G28390
338	1	L123 vs. M123	L123 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	ATMG00830
339	1	L123 vs. M123	L123 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G48000
340	1	L123 vs. M123	L123 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G49840
341	1	L123 vs. M123	L123 up	GO:0005741	Metabolism	Bioenergetics	mitochondrial outer membrane	C	AT2G36530
342	1	L123 vs. M123	L123 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT4G30010
343	1	L123 vs. M123	L123 up	GO:0005746	Metabolism	Bioenergetics	mitochondrial respirasome	C	AT2G47380
344	1	L123 vs. M123	L123 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT3G03070
345	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14890
346	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G49670
347	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G53580
348	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G67280
349	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68820
350	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79340
351	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01670
352	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G29370
353	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G30620
354	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G36530
355	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G41700
356	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G43020
357	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G45740
358	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47380
359	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03070
360	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G06500
361	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48000
362	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G16620
363	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G18230
364	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G19450
365	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G25100
366	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G28390
367	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G30010
368	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G31700
369	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35020
370	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G09950
371	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G23060
372	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G59960
373	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G65685
374	1	L123 vs. M123	L123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00830
375	1	L123 vs. M123	L123 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G47240
376	1	L123 vs. M123	L123 up	GO:0009435	Metabolism	Bioenergetics	NAD biosynthetic process	P	AT2G01350
377	1	L123 vs. M123	L123 up	GO:0010275	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex assembly	P	AT5G13120
378	1	L123 vs. M123	L123 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G29690

379	1	L123 vs. M123	L123 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT5G47240
380	1	L123 vs. M123	L123 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G49670
381	1	L123 vs. M123	L123 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G29370
382	1	L123 vs. M123	L123 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G43020
383	1	L123 vs. M123	L123 up	GO:0016701	Metabolism	Bioenergetics	oxidoreductase activity, acting on single donors with incorporation of molecular oxygen	F	AT4G15093
384	1	L123 vs. M123	L123 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G72680
385	1	L123 vs. M123	L123 up	GO:0000015	Metabolism	Bioenergetics	phosphopyruvate hydratase complex	C	AT2G36530
386	1	L123 vs. M123	L123 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT1G10130
387	1	L123 vs. M123	L123 up	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT5G65685
388	1	L123 vs. M123	L123 up	GO:0005987	Metabolism	Bioenergetics	sucrose catabolic process	P	AT3G06500
389	1	L123 vs. M123	L123 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14130
390	1	L123 vs. M123	L123 up	GO:0006527	Metabolism	Catabolism	arginine catabolic process	P	AT4G34710
391	1	L123 vs. M123	L123 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT3G12500
392	1	L123 vs. M123	L123 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT3G12500
393	1	L123 vs. M123	L123 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G60940
394	1	L123 vs. M123	L123 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G14270
395	1	L123 vs. M123	L123 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G79340
396	1	L123 vs. M123	L123 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G16470
397	1	L123 vs. M123	L123 up	GO:0004527	Metabolism	Catabolism	exonuclease activity	F	AT1G34380
398	1	L123 vs. M123	L123 up	GO:0005779	Metabolism	Catabolism	integral component of peroxisomal membrane	C	AT2G45740
399	1	L123 vs. M123	L123 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT2G42690
400	1	L123 vs. M123	L123 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT4G17486
401	1	L123 vs. M123	L123 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G67600
402	1	L123 vs. M123	L123 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G42570
403	1	L123 vs. M123	L123 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT4G32320
404	1	L123 vs. M123	L123 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT2G45740
405	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G49670
406	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G29370
407	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G43020
408	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G45740
409	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G06690
410	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G14130
411	1	L123 vs. M123	L123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G50170
412	1	L123 vs. M123	L123 up	GO:0016559	Metabolism	Catabolism	peroxisome fission	P	AT2G45740
413	1	L123 vs. M123	L123 up	GO:0007031	Metabolism	Catabolism	peroxisome organization	P	AT2G45740
414	1	L123 vs. M123	L123 up	GO:0006598	Metabolism	Catabolism	polyamine catabolic process	P	AT2G43020
415	1	L123 vs. M123	L123 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT3G12500
416	1	L123 vs. M123	L123 up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT1G16470
417	1	L123 vs. M123	L123 up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT1G16470
418	1	L123 vs. M123	L123 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G16470
419	1	L123 vs. M123	L123 up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT1G16470
420	1	L123 vs. M123	L123 up	GO:0019773	Metabolism	Catabolism	proteasome core complex, alpha-subunit complex	C	AT1G16470
421	1	L123 vs. M123	L123 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G16470
422	1	L123 vs. M123	L123 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT2G47970
423	1	L123 vs. M123	L123 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT5G49840
424	1	L123 vs. M123	L123 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT1G17280
425	1	L123 vs. M123	L123 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G17486
426	1	L123 vs. M123	L123 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	ATCG00670
427	1	L123 vs. M123	L123 up	GO:0034213	Metabolism	Catabolism	quinolinate catabolic process	P	AT2G01350
428	1	L123 vs. M123	L123 up	GO:0044375	Metabolism	Catabolism	regulation of peroxisome size	P	AT2G45740

429	1	L123 vs. M123	L123 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G11750
430	1	L123 vs. M123	L123 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	ATCG00670
431	1	L123 vs. M123	L123 up	GO:0046203	Metabolism	Catabolism	spermidine catabolic process	P	AT2G43020
432	1	L123 vs. M123	L123 up	GO:0046208	Metabolism	Catabolism	spermine catabolic process	P	AT2G43020
433	1	L123 vs. M123	L123 up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT1G16470
434	1	L123 vs. M123	L123 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G47970
435	1	L123 vs. M123	L123 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G17280
436	1	L123 vs. M123	L123 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT2G47970
437	1	L123 vs. M123	L123 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G16470
438	1	L123 vs. M123	L123 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G17280
439	1	L123 vs. M123	L123 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G47970
440	1	L123 vs. M123	L123 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G17280
441	1	L123 vs. M123	L123 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G60950
442	1	L123 vs. M123	L123 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT1G56310
443	1	L123 vs. M123	L123 up	GO:0008409	Metabolism	Metabolism	5'-3' exonuclease activity	F	AT1G34380
444	1	L123 vs. M123	L123 up	GO:0017096	Metabolism	Metabolism	acetylserotonin O-methyltransferase activity	F	AT5G54160
445	1	L123 vs. M123	L123 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT4G35020
446	1	L123 vs. M123	L123 up	GO:0008792	Metabolism	Metabolism	arginine decarboxylase activity	F	AT4G34710
447	1	L123 vs. M123	L123 up	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT5G54160
448	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G10130
449	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G11410
450	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G17280
451	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G19920
452	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G41140
453	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G41700
454	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G23000
455	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G48000
456	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G62310
457	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G02060
458	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G12010
459	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G12620
460	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G37870
461	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39280
462	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G17760
463	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G49840
464	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G50960
465	1	L123 vs. M123	L123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G57610
466	1	L123 vs. M123	L123 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT1G11750
467	1	L123 vs. M123	L123 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT5G49840
468	1	L123 vs. M123	L123 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	ATCG00670
469	1	L123 vs. M123	L123 up	GO:0048487	Metabolism	Metabolism	beta-tubulin binding	F	AT3G50960
470	1	L123 vs. M123	L123 up	GO:0048487	Metabolism	Metabolism	beta-tubulin binding	F	AT3G60740
471	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G67600
472	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G15760
473	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G34585
474	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G41950
475	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G15430
476	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G22540
477	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50170
478	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G63390
479	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G18975
480	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G19450
481	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30010
482	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19940
483	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G45350
484	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48330

485	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G56880
486	1	L123 vs. M123	L123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G59960
487	1	L123 vs. M123	L123 up	GO:0047763	Metabolism	Metabolism	caffeate O-methyltransferase activity	F	AT5G54160
488	1	L123 vs. M123	L123 up	GO:0006725	Metabolism	Metabolism	cellular aromatic compound metabolic process	P	AT4G15093
489	1	L123 vs. M123	L123 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT3G12500
490	1	L123 vs. M123	L123 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT3G12500
491	1	L123 vs. M123	L123 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT1G20693
492	1	L123 vs. M123	L123 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G12620
493	1	L123 vs. M123	L123 up	GO:0050412	Metabolism	Metabolism	cinnamate beta-D-glucosyltransferase activity	F	AT4G15490
494	1	L123 vs. M123	L123 up	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT1G72680
495	1	L123 vs. M123	L123 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G36530
496	1	L123 vs. M123	L123 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G25100
497	1	L123 vs. M123	L123 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT5G13120
498	1	L123 vs. M123	L123 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT1G79340
499	1	L123 vs. M123	L123 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT5G23060
500	1	L123 vs. M123	L123 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT4G15093
501	1	L123 vs. M123	L123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G01350
502	1	L123 vs. M123	L123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G20693
503	1	L123 vs. M123	L123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G34380
504	1	L123 vs. M123	L123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G36530
505	1	L123 vs. M123	L123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G41900
506	1	L123 vs. M123	L123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G65360
507	1	L123 vs. M123	L123 up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT4G16710
508	1	L123 vs. M123	L123 up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT4G18230
509	1	L123 vs. M123	L123 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT2G30620
510	1	L123 vs. M123	L123 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT1G14890
511	1	L123 vs. M123	L123 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G01610
512	1	L123 vs. M123	L123 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT4G15093
513	1	L123 vs. M123	L123 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G58440
514	1	L123 vs. M123	L123 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G06690
515	1	L123 vs. M123	L123 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G49640
516	1	L123 vs. M123	L123 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G14130
517	1	L123 vs. M123	L123 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT1G32930
518	1	L123 vs. M123	L123 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT4G35020
519	1	L123 vs. M123	L123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G16920
520	1	L123 vs. M123	L123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G23490
521	1	L123 vs. M123	L123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G64740
522	1	L123 vs. M123	L123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G16100
523	1	L123 vs. M123	L123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G35020
524	1	L123 vs. M123	L123 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G60740
525	1	L123 vs. M123	L123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G16920
526	1	L123 vs. M123	L123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G64740
527	1	L123 vs. M123	L123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G16100
528	1	L123 vs. M123	L123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G35020
529	1	L123 vs. M123	L123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G32320
530	1	L123 vs. M123	L123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	ATMG00830
531	1	L123 vs. M123	L123 up	GO:0004412	Metabolism	Metabolism	homoserine dehydrogenase activity	F	AT5G21060
532	1	L123 vs. M123	L123 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT1G19920
533	1	L123 vs. M123	L123 up	GO:0070813	Metabolism	Metabolism	hydrogen sulfide metabolic process	P	AT1G53580
534	1	L123 vs. M123	L123 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G01670
535	1	L123 vs. M123	L123 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G17020
536	1	L123 vs. M123	L123 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G51000
537	1	L123 vs. M123	L123 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G53580
538	1	L123 vs. M123	L123 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G79340

539	1	L123 vs. M123	L123 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G45740
540	1	L123 vs. M123	L123 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G16240
541	1	L123 vs. M123	L123 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT3G53620
542	1	L123 vs. M123	L123 up	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT1G31190
543	1	L123 vs. M123	L123 up	GO:0008934	Metabolism	Metabolism	inositol monophosphate 1-phosphatase activity	F	AT1G31190
544	1	L123 vs. M123	L123 up	GO:0052832	Metabolism	Metabolism	inositol monophosphate 3-phosphatase activity	F	AT1G31190
545	1	L123 vs. M123	L123 up	GO:0052833	Metabolism	Metabolism	inositol monophosphate 4-phosphatase activity	F	AT1G31190
546	1	L123 vs. M123	L123 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT5G50960
547	1	L123 vs. M123	L123 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT5G50960
548	1	L123 vs. M123	L123 up	GO:0009097	Metabolism	Metabolism	isoleucine biosynthetic process	P	AT5G21060
549	1	L123 vs. M123	L123 up	GO:0045703	Metabolism	Metabolism	ketoreductase activity	F	AT1G24470
550	1	L123 vs. M123	L123 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT3G14130
551	1	L123 vs. M123	L123 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT1G72680
552	1	L123 vs. M123	L123 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G54160
553	1	L123 vs. M123	L123 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G08770
554	1	L123 vs. M123	L123 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G09300
555	1	L123 vs. M123	L123 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT4G38690
556	1	L123 vs. M123	L123 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT3G14130
557	1	L123 vs. M123	L123 up	GO:0030744	Metabolism	Metabolism	luteolin O-methyltransferase activity	F	AT5G54160
558	1	L123 vs. M123	L123 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G36530
559	1	L123 vs. M123	L123 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G53620
560	1	L123 vs. M123	L123 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14130
561	1	L123 vs. M123	L123 up	GO:0030187	Metabolism	Metabolism	melatonin biosynthetic process	P	AT5G54160
562	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G01350
563	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G10130
564	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G29930
565	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G31190
566	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G53580
567	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G60950
568	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G67280
569	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G01670
570	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G41140
571	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G41900
572	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G02060
573	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12620
574	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32320
575	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47060
576	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47240
577	1	L123 vs. M123	L123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G50960
578	1	L123 vs. M123	L123 up	GO:0009086	Metabolism	Metabolism	methionine biosynthetic process	P	AT5G21060
579	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G34585
580	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G19240
581	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G22290
582	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G22540
583	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G26980
584	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50170
585	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G18975
586	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G19450
587	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G26550
588	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G09440
589	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G10070
590	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G36290
591	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G45350
592	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G56880
593	1	L123 vs. M123	L123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G59960
594	1	L123 vs. M123	L123 up	GO:0033799	Metabolism	Metabolism	myricetin 3'-O-methyltransferase activity	F	AT5G54160

595	1	L123 vs. M123	L123 up	GO:0004577	Metabolism	Metabolism	N-acetylglucosaminyldiphosphodolichol N-acetylglucosaminyltransferase activity	F	AT4G18230
596	1	L123 vs. M123	L123 up	GO:0004514	Metabolism	Metabolism	nicotinate-nucleotide diphosphorylase (carboxylating) activity	F	AT2G01350
597	1	L123 vs. M123	L123 up	GO:0006607	Metabolism	Metabolism	NLS-bearing protein import into nucleus	P	AT1G09270
598	1	L123 vs. M123	L123 up	GO:0017196	Metabolism	Metabolism	N-terminal peptidyl-methionine acetylation	P	AT1G03150
599	1	L123 vs. M123	L123 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT3G61990
600	1	L123 vs. M123	L123 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT5G54160
601	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G19550
602	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G24470
603	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G49670
604	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G53580
605	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G58440
606	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G72680
607	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G29370
608	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G43020
609	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48000
610	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G49640
611	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G15093
612	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25100
613	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G32320
614	1	L123 vs. M123	L123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G21060
615	1	L123 vs. M123	L123 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT3G53620
616	1	L123 vs. M123	L123 up	GO:0004612	Metabolism	Metabolism	phosphoenolpyruvate carboxykinase (ATP) activity	F	AT4G37870
617	1	L123 vs. M123	L123 up	GO:0004634	Metabolism	Metabolism	phosphopyruvate hydratase activity	F	AT2G36530
618	1	L123 vs. M123	L123 up	GO:0008081	Metabolism	Metabolism	phosphoric diester hydrolase activity	F	AT4G38690
619	1	L123 vs. M123	L123 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT4G34710
620	1	L123 vs. M123	L123 up	GO:0046592	Metabolism	Metabolism	polyamine oxidase activity	F	AT2G43020
621	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G09270
622	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17280
623	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G23490
624	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32930
625	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G56310
626	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G71130
627	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G32280
628	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G41140
629	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45740
630	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23000
631	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G02060
632	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12010
633	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12620
634	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25100
635	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G34710
636	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35020
637	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13120
638	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G23720
639	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G49890
640	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65360
641	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00360
642	1	L123 vs. M123	L123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATMG00830
643	1	L123 vs. M123	L123 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT5G13120
644	1	L123 vs. M123	L123 up	GO:0009446	Metabolism	Metabolism	putrescine biosynthetic process	P	AT4G34710
645	1	L123 vs. M123	L123 up	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT4G34710
646	1	L123 vs. M123	L123 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT4G15490
647	1	L123 vs. M123	L123 up	GO:0102822	Metabolism	Metabolism	quercetin 3'-O-methyltransferase activity	F	AT5G54160

648	1	L123 vs. M123	L123 up	GO:0030755	Metabolism	Metabolism	quercetin 3-O-methyltransferase activity	F	AT5G54160
649	1	L123 vs. M123	L123 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT4G15490
650	1	L123 vs. M123	L123 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G54160
651	1	L123 vs. M123	L123 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	ATCG00670
652	1	L123 vs. M123	L123 up	GO:0050284	Metabolism	Metabolism	sinapate 1-glucosyltransferase activity	F	AT4G15490
653	1	L123 vs. M123	L123 up	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT1G72680
654	1	L123 vs. M123	L123 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT4G34710
655	1	L123 vs. M123	L123 up	GO:0004506	Metabolism	Metabolism	squalene monooxygenase activity	F	AT1G58440
656	1	L123 vs. M123	L123 up	GO:0004575	Metabolism	Metabolism	sucrose alpha-glucosidase activity	F	AT3G06500
657	1	L123 vs. M123	L123 up	GO:0004781	Metabolism	Metabolism	sulfate adenylyltransferase (ATP) activity	F	AT1G19920
658	1	L123 vs. M123	L123 up	GO:0050313	Metabolism	Metabolism	sulfur dioxygenase activity	F	AT1G53580
659	1	L123 vs. M123	L123 up	GO:0009088	Metabolism	Metabolism	threonine biosynthetic process	P	AT5G21060
660	1	L123 vs. M123	L123 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G19550
661	1	L123 vs. M123	L123 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G32930
662	1	L123 vs. M123	L123 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G15490
663	1	L123 vs. M123	L123 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT4G16710
664	1	L123 vs. M123	L123 up	GO:0015631	Metabolism	Metabolism	tubulin binding	F	AT3G60740
665	1	L123 vs. M123	L123 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G15490
666	1	L123 vs. M123	L123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G49670
667	1	L123 vs. M123	L123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G50440
668	1	L123 vs. M123	L123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G72680
669	1	L123 vs. M123	L123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G15093
670	1	L123 vs. M123	L123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G09950
671	1	L123 vs. M123	L123 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G29930
672	1	L123 vs. M123	L123 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT4G34190
673	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11750
674	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16080
675	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16470
676	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19550
677	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19920
678	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29930
679	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31190
680	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G60950
681	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67280
682	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67600
683	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G72680
684	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01350
685	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20670
686	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36530
687	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36730
688	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38330
689	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G41950
690	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G45740
691	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48000
692	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G49640
693	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02700
694	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G16620
695	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17486
696	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G18975
697	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25100
698	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32320
699	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34710
700	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09440
701	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13120
702	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16150

703	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19940
704	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G21060
705	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23060
706	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G48330
707	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G49840
708	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65685
709	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00360
710	1	L123 vs. M123	L123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00670
711	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11750
712	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G16080
713	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G29930
714	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G16240
715	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G25100
716	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G28390
717	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16150
718	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G19940
719	1	L123 vs. M123	L123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00670
720	1	L123 vs. M123	L123 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G16150
721	1	L123 vs. M123	L123 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT2G38330
722	1	L123 vs. M123	L123 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G25100
723	1	L123 vs. M123	L123 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT4G25100
724	1	L123 vs. M123	L123 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G11750
725	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G11750
726	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G16080
727	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G19920
728	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G31190
729	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G60950
730	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G67280
731	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G41950
732	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G25100
733	1	L123 vs. M123	L123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00670
734	1	L123 vs. M123	L123 up	GO:0009533	Metabolism	Photosynthesis	chloroplast stromal thylakoid	C	AT5G13120
735	1	L123 vs. M123	L123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G11750
736	1	L123 vs. M123	L123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G29930
737	1	L123 vs. M123	L123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G13120
738	1	L123 vs. M123	L123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G19940
739	1	L123 vs. M123	L123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G23060
740	1	L123 vs. M123	L123 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G13120
741	1	L123 vs. M123	L123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G29930
742	1	L123 vs. M123	L123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G34190
743	1	L123 vs. M123	L123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G13120
744	1	L123 vs. M123	L123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23060
745	1	L123 vs. M123	L123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00360
746	1	L123 vs. M123	L123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00670
747	1	L123 vs. M123	L123 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	AT1G11750
748	1	L123 vs. M123	L123 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	ATCG00670
749	1	L123 vs. M123	L123 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT3G14130
750	1	L123 vs. M123	L123 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G11750
751	1	L123 vs. M123	L123 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G34190
752	1	L123 vs. M123	L123 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G29930
753	1	L123 vs. M123	L123 up	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT1G60950
754	1	L123 vs. M123	L123 up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT1G60950
755	1	L123 vs. M123	L123 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G29930
756	1	L123 vs. M123	L123 up	GO:0048564	Metabolism	Photosynthesis	photosystem I assembly	P	ATCG00360
757	1	L123 vs. M123	L123 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G29930
758	1	L123 vs. M123	L123 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT4G34190

759	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G63390
760	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G30010
761	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13120
762	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16150
763	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G19940
764	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G21060
765	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23060
766	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G48760
767	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49890
768	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54160
769	1	L123 vs. M123	L123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65360
770	1	L123 vs. M123	L123 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT1G11750
771	1	L123 vs. M123	L123 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	ATCG00670
772	1	L123 vs. M123	L123 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G29930
773	1	L123 vs. M123	L123 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G29930
774	1	L123 vs. M123	L123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G29930
775	1	L123 vs. M123	L123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G67280
776	1	L123 vs. M123	L123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G25100
777	1	L123 vs. M123	L123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G13120
778	1	L123 vs. M123	L123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G23060
779	1	L123 vs. M123	L123 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G67280
780	1	L123 vs. M123	L123 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT5G13120
781	1	L123 vs. M123	L123 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G41700
782	1	L123 vs. M123	L123 up	GO:0008519	Metabolism	Transporters	ammonium transmembrane transporter activity	F	AT3G16240
783	1	L123 vs. M123	L123 up	GO:0005253	Metabolism	Transporters	anion channel activity	F	AT5G49890
784	1	L123 vs. M123	L123 up	GO:0015301	Metabolism	Transporters	anion:anion antiporter activity	F	AT4G02700
785	1	L123 vs. M123	L123 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT2G38330
786	1	L123 vs. M123	L123 up	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT4G28390
787	1	L123 vs. M123	L123 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G41700
788	1	L123 vs. M123	L123 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT1G10130
789	1	L123 vs. M123	L123 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT1G10130
790	1	L123 vs. M123	L123 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT5G16150
791	1	L123 vs. M123	L123 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G47420
792	1	L123 vs. M123	L123 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT5G16150
793	1	L123 vs. M123	L123 up	GO:0034707	Metabolism	Transporters	chloride channel complex	C	AT5G49890
794	1	L123 vs. M123	L123 up	GO:0015108	Metabolism	Transporters	chloride transmembrane transporter activity	F	AT5G49890
795	1	L123 vs. M123	L123 up	GO:0030134	Metabolism	Transporters	COPII-coated ER to Golgi transport vesicle	C	AT3G22290
796	1	L123 vs. M123	L123 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G15880
797	1	L123 vs. M123	L123 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G22290
798	1	L123 vs. M123	L123 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G10130
799	1	L123 vs. M123	L123 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G26550
800	1	L123 vs. M123	L123 up	GO:0015886	Metabolism	Transporters	heme transport	P	ATMG00830
801	1	L123 vs. M123	L123 up	GO:0015232	Metabolism	Transporters	heme transporter activity	F	ATMG00830
802	1	L123 vs. M123	L123 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G16920
803	1	L123 vs. M123	L123 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G23490
804	1	L123 vs. M123	L123 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G16100
805	1	L123 vs. M123	L123 up	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G15880
806	1	L123 vs. M123	L123 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT2G41700
807	1	L123 vs. M123	L123 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G08770
808	1	L123 vs. M123	L123 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G09300
809	1	L123 vs. M123	L123 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT2G41700
810	1	L123 vs. M123	L123 up	GO:0006828	Metabolism	Transporters	manganese ion transport	P	AT1G10130

811	1	L123 vs. M123	L123 up	GO:0015410	Metabolism	Transporters	manganese transmembrane transporter activity, phosphorylative mechanism	F	AT1G10130
812	1	L123 vs. M123	L123 up	GO:0015200	Metabolism	Transporters	methylammonium transmembrane transporter activity	F	AT3G16240
813	1	L123 vs. M123	L123 up	GO:0008139	Metabolism	Transporters	nuclear localization sequence binding	F	AT1G09270
814	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G79340
815	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36530
816	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16240
817	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G42570
818	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G60740
819	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G31700
820	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09440
821	1	L123 vs. M123	L123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G54160
822	1	L123 vs. M123	L123 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G15880
823	1	L123 vs. M123	L123 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G26550
824	1	L123 vs. M123	L123 up	GO:0015865	Metabolism	Transporters	purine nucleotide transport	P	AT4G28390
825	1	L123 vs. M123	L123 up	GO:0034765	Metabolism	Transporters	regulation of ion transmembrane transport	P	AT5G49890
826	1	L123 vs. M123	L123 up	GO:0048209	Metabolism	Transporters	regulation of vesicle targeting, to, from or within Golgi	P	AT1G15880
827	1	L123 vs. M123	L123 up	GO:0060627	Metabolism	Transporters	regulation of vesicle-mediated transport	P	AT1G16920
828	1	L123 vs. M123	L123 up	GO:0008271	Metabolism	Transporters	secondary active sulfate transmembrane transporter activity	F	AT4G02700
829	1	L123 vs. M123	L123 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G12500
830	1	L123 vs. M123	L123 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G15880
831	1	L123 vs. M123	L123 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G15880
832	1	L123 vs. M123	L123 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G15880
833	1	L123 vs. M123	L123 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT1G19920
834	1	L123 vs. M123	L123 up	GO:0015116	Metabolism	Transporters	sulfate transmembrane transporter activity	F	AT4G02700
835	1	L123 vs. M123	L123 up	GO:0030581	Metabolism	Transporters	symbiont intracellular protein transport in host	P	AT1G09270
836	1	L123 vs. M123	L123 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT4G02700
837	1	L123 vs. M123	L123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G10130
838	1	L123 vs. M123	L123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G16920
839	1	L123 vs. M123	L123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G26550
840	1	L123 vs. M123	L123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G38330
841	1	L123 vs. M123	L123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G41700
842	1	L123 vs. M123	L123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G16240
843	1	L123 vs. M123	L123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G47420
844	1	L123 vs. M123	L123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G28390
845	1	L123 vs. M123	L123 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G47420
846	1	L123 vs. M123	L123 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G49890
847	1	L123 vs. M123	L123 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT3G16240
848	1	L123 vs. M123	L123 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT3G16240
849	1	L123 vs. M123	L123 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G23490
850	1	L123 vs. M123	L123 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G26550
851	1	L123 vs. M123	L123 up	GO:0005247	Metabolism	Transporters	voltage-gated chloride channel activity	F	AT5G49890
852	1	L123 vs. M123	L123 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G16240
853	1	L123 vs. M123	L123 up	GO:0006833	Metabolism	Transporters	water transport	P	AT3G16240
854	1	L123 vs. M123	L123 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT2G38330
855	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G17280
856	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G24470
857	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G58440
858	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G32280
859	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34585
860	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36530
861	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G22290
862	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G61990

863	1	L123 vs. M123	L123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G59960
864	1	L123 vs. M123	L123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G24470
865	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G10130
866	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G15880
867	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G23490
868	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G32930
869	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16100
870	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16240
871	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G26550
872	1	L123 vs. M123	L123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G36290
873	1	L123 vs. M123	L123 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G10130
874	1	L123 vs. M123	L123 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G15880
875	1	L123 vs. M123	L123 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G32930
876	1	L123 vs. M123	L123 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G54160
877	1	L123 vs. M123	L123 up	GO:0031416	Regulation	Protein modification	NatB complex	C	AT1G03150
878	1	L123 vs. M123	L123 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT1G23490
879	1	L123 vs. M123	L123 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT3G19240
880	1	L123 vs. M123	L123 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT5G13120
881	1	L123 vs. M123	L123 up	GO:0007023	Regulation	Protein modification	post-chaperonin tubulin folding pathway	P	AT3G60740
882	1	L123 vs. M123	L123 up	GO:0016540	Regulation	Protein modification	protein autoprocessing	P	AT1G79340
883	1	L123 vs. M123	L123 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G54160
884	1	L123 vs. M123	L123 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G60740
885	1	L123 vs. M123	L123 up	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT1G19550
886	1	L123 vs. M123	L123 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G32930
887	1	L123 vs. M123	L123 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G65360
888	1	L123 vs. M123	L123 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G34710
889	1	L123 vs. M123	L123 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G50960
890	1	L123 vs. M123	L123 up	GO:0008276	Regulation	Protein modification	protein methyltransferase activity	F	AT3G61990
891	1	L123 vs. M123	L123 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT5G13120
892	1	L123 vs. M123	L123 up	GO:0043541	Regulation	Protein modification	UDP-N-acetylglucosamine transferase complex	C	AT4G16710
893	1	L123 vs. M123	L123 up	GO:0043541	Regulation	Protein modification	UDP-N-acetylglucosamine transferase complex	C	AT4G18230
894	1	L123 vs. M123	L123 up	GO:0004596	Regulation	Protein modification	peptide alpha-N-acetyltransferase activity	F	AT1G03150
895	1	L123 vs. M123	L123 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT1G14890
896	1	L123 vs. M123	L123 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G01610
897	1	L123 vs. M123	L123 up	GO:0032956	Regulation	Regulation	regulation of actin cytoskeleton organization	P	AT4G35020
898	1	L123 vs. M123	L123 up	GO:0032970	Regulation	Regulation	regulation of actin filament-based process	P	AT4G33640
899	1	L123 vs. M123	L123 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT4G35020
900	1	L123 vs. M123	L123 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G20693
901	1	L123 vs. M123	L123 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G71130
902	1	L123 vs. M123	L123 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G41900
903	1	L123 vs. M123	L123 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT2G41950
904	1	L123 vs. M123	L123 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT4G30010
905	1	L123 vs. M123	L123 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G12620
906	1	L123 vs. M123	L123 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G62310
907	1	L123 vs. M123	L123 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT5G60940
908	1	L123 vs. M123	L123 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G30620
909	1	L123 vs. M123	L123 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G62310
910	1	L123 vs. M123	L123 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G31700
911	1	L123 vs. M123	L123 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G35020
912	1	L123 vs. M123	L123 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G37870
913	1	L123 vs. M123	L123 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT1G56310
914	1	L123 vs. M123	L123 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT5G23720
915	1	L123 vs. M123	L123 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G71130
916	1	L123 vs. M123	L123 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G30620
917	1	L123 vs. M123	L123 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G41900
918	1	L123 vs. M123	L123 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G12620

919	1	L123 vs. M123	L123 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G62310
920	1	L123 vs. M123	L123 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT2G36730
921	1	L123 vs. M123	L123 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT5G09950
922	1	L123 vs. M123	L123 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G71130
923	1	L123 vs. M123	L123 up	GO:0000347	Regulation	Transcription	THO complex	C	AT4G02060
924	1	L123 vs. M123	L123 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G71130
925	1	L123 vs. M123	L123 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G18110
926	1	L123 vs. M123	L123 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G55170
927	1	L123 vs. M123	L123 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G48760
928	1	L123 vs. M123	L123 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G16470
929	1	L123 vs. M123	L123 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G31700
930	1	L123 vs. M123	L123 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G48760
931	1	L123 vs. M123	L123 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G31700
932	1	L123 vs. M123	L123 up	GO:0016281	Regulation	Translation	eukaryotic translation initiation factor 4F complex	C	AT5G18110
933	1	L123 vs. M123	L123 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G55170
934	1	L123 vs. M123	L123 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G55170
935	1	L123 vs. M123	L123 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G31700
936	1	L123 vs. M123	L123 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G48760
937	1	L123 vs. M123	L123 up	GO:0005848	Regulation	Translation	mRNA cleavage stimulating factor complex	C	AT5G60940
938	1	L123 vs. M123	L123 up	GO:0004826	Regulation	Translation	phenylalanine-tRNA ligase activity	F	AT4G39280
939	1	L123 vs. M123	L123 up	GO:0009328	Regulation	Translation	phenylalanine-tRNA ligase complex	C	AT4G39280
940	1	L123 vs. M123	L123 up	GO:0006432	Regulation	Translation	phenylalanyl-tRNA aminoacylation	P	AT4G39280
941	1	L123 vs. M123	L123 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT5G18110
942	1	L123 vs. M123	L123 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G48760
943	1	L123 vs. M123	L123 up	GO:0000340	Regulation	Translation	RNA 7-methylguanosine cap binding	F	AT5G18110
944	1	L123 vs. M123	L123 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT3G62310
945	1	L123 vs. M123	L123 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT3G62310
946	1	L123 vs. M123	L123 up	GO:0034247	Regulation	Translation	snoRNA splicing	P	AT1G01350
947	1	L123 vs. M123	L123 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT3G62310
948	1	L123 vs. M123	L123 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G48760
949	1	L123 vs. M123	L123 up	GO:0006412	Regulation	Translation	translation	P	AT3G55170
950	1	L123 vs. M123	L123 up	GO:0006412	Regulation	Translation	translation	P	AT4G31700
951	1	L123 vs. M123	L123 up	GO:0006412	Regulation	Translation	translation	P	AT5G48760
952	1	L123 vs. M123	L123 up	GO:0006413	Regulation	Translation	translational initiation	P	AT5G18110
953	1	L123 vs. M123	L123 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT4G39280
954	1	L123 vs. M123	L123 up	GO:0017150	Regulation	Translation	tRNA dihydrouridine synthase activity	F	AT3G49640
955	1	L123 vs. M123	L123 up	GO:0005684	Regulation	Translation	U2-type spliceosomal complex	C	AT1G01350
956	1	L123 vs. M123	L123 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G35020
957	1	L123 vs. M123	L123 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G41140
958	1	L123 vs. M123	L123 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G15760
959	1	L123 vs. M123	L123 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G41140
960	1	L123 vs. M123	L123 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G41140
961	1	L123 vs. M123	L123 up	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT5G23060
962	1	L123 vs. M123	L123 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G06500
963	1	L123 vs. M123	L123 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G25100
964	1	L123 vs. M123	L123 up	GO:0046855	Signaling and response	Signaling	inositol phosphate dephosphorylation	P	AT1G31190
965	1	L123 vs. M123	L123 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G41140
966	1	L123 vs. M123	L123 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT3G23000
967	1	L123 vs. M123	L123 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G23720
968	1	L123 vs. M123	L123 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT5G47060
969	1	L123 vs. M123	L123 up	GO:1902457	Signaling and response	Signaling	negative regulation of stomatal opening	P	AT1G17280
970	1	L123 vs. M123	L123 up	GO:0061608	Signaling and response	Signaling	nuclear import signal receptor activity	F	AT1G09270
971	1	L123 vs. M123	L123 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G41140
972	1	L123 vs. M123	L123 up	GO:0019902	Signaling and response	Signaling	phosphatase binding	F	AT5G47060

973	1	L123 vs. M123	L123 up	GO:0008970	Signaling and response	Signaling	phospholipase A1 activity	F	AT2G42690
974	1	L123 vs. M123	L123 up	GO:0016004	Signaling and response	Signaling	phospholipase activator activity	F	AT1G23490
975	1	L123 vs. M123	L123 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT5G23720
976	1	L123 vs. M123	L123 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT4G35020
977	1	L123 vs. M123	L123 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G41140
978	1	L123 vs. M123	L123 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G35020
979	1	L123 vs. M123	L123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G11410
980	1	L123 vs. M123	L123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G67520
981	1	L123 vs. M123	L123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G23000
982	1	L123 vs. M123	L123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G57610
983	1	L123 vs. M123	L123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G11410
984	1	L123 vs. M123	L123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G67520
985	1	L123 vs. M123	L123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G23000
986	1	L123 vs. M123	L123 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT5G57610
987	1	L123 vs. M123	L123 up	GO:0004725	Signaling and response	Signaling	protein tyrosine phosphatase activity	F	AT5G23720
988	1	L123 vs. M123	L123 up	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT5G23720
989	1	L123 vs. M123	L123 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT1G16920
990	1	L123 vs. M123	L123 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G16100
991	1	L123 vs. M123	L123 up	GO:0010928	Signaling and response	Signaling	regulation of auxin mediated signaling pathway	P	AT4G35020
992	1	L123 vs. M123	L123 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT3G06500
993	1	L123 vs. M123	L123 up	GO:0048510	Signaling and response	Signaling	regulation of timing of transition from vegetative to reproductive phase	P	AT3G06500
994	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G23490
995	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G36530
996	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12500
997	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G48000
998	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G53620
999	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G25100
1000	1	L123 vs. M123	L123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G37870
1001	1	L123 vs. M123	L123 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT4G25100
1002	1	L123 vs. M123	L123 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G47060
1003	1	L123 vs. M123	L123 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G34710
1004	1	L123 vs. M123	L123 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G34710
1005	1	L123 vs. M123	L123 up	GO:0009642	Signaling and response	Signaling	response to light intensity	P	AT4G25100
1006	1	L123 vs. M123	L123 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G29930
1007	1	L123 vs. M123	L123 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G60950
1008	1	L123 vs. M123	L123 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G36530
1009	1	L123 vs. M123	L123 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G47060
1010	1	L123 vs. M123	L123 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G47060
1011	1	L123 vs. M123	L123 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT1G16470
1012	1	L123 vs. M123	L123 up	GO:0006890	Signaling and response	Signaling	retrograde vesicle-mediated transport, Golgi to endoplasmic reticulum	P	AT3G22290
1013	1	L123 vs. M123	L123 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT4G35020
1014	1	L123 vs. M123	L123 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G31190
1015	1	L123 vs. M123	L123 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT4G12010
1016	1	L123 vs. M123	L123 up	GO:0032934	Signaling and response	Signaling	sterol binding	F	AT3G09300
1017	1	L123 vs. M123	L123 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT1G58440
1018	1	L123 vs. M123	L123 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT4G02060
1019	1	L123 vs. M123	L123 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G23720
1020	1	L123 vs. M123	L123 up	GO:0071586	Signaling and response	Stress	CAAX-box protein processing	P	AT1G14270
1021	1	L123 vs. M123	L123 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G50960
1022	1	L123 vs. M123	L123 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT1G19550
1023	1	L123 vs. M123	L123 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT4G34190
1024	1	L123 vs. M123	L123 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT4G32320
1025	1	L123 vs. M123	L123 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT4G37870

1026	1	L123 vs. M123	L123 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT1G19920
1027	1	L123 vs. M123	L123 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT4G34190
1028	1	L123 vs. M123	L123 up	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT2G42690
1029	1	L123 vs. M123	L123 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G17280
1030	1	L123 vs. M123	L123 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT1G56310
1031	1	L123 vs. M123	L123 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G79340
1032	1	L123 vs. M123	L123 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G14130
1033	1	L123 vs. M123	L123 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G12010
1034	1	L123 vs. M123	L123 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G12500
1035	1	L123 vs. M123	L123 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G09440
1036	1	L123 vs. M123	L123 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT4G37870
1037	1	L123 vs. M123	L123 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	AT1G11750
1038	1	L123 vs. M123	L123 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	ATCG00670
1039	1	L123 vs. M123	L123 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G71130
1040	1	L123 vs. M123	L123 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT5G54160
1041	1	L123 vs. M123	L123 up	GO:0045174	Signaling and response	Stress	glutathione dehydrogenase (ascorbate) activity	F	AT1G19550
1042	1	L123 vs. M123	L123 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G53580
1043	1	L123 vs. M123	L123 up	GO:0010286	Signaling and response	Stress	heat acclimation	P	AT2G41140
1044	1	L123 vs. M123	L123 up	GO:0080034	Signaling and response	Stress	host response to induction by symbiont of tumor, nodule or growth in host	P	AT1G09270
1045	1	L123 vs. M123	L123 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT3G14130
1046	1	L123 vs. M123	L123 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT4G32320
1047	1	L123 vs. M123	L123 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G16920
1048	1	L123 vs. M123	L123 up	GO:0009871	Signaling and response	Stress	jasmonic acid and ethylene-dependent systemic resistance, ethylene mediated signaling pathway	P	AT3G12500
1049	1	L123 vs. M123	L123 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT3G12500
1050	1	L123 vs. M123	L123 up	GO:0004462	Signaling and response	Stress	lactoylglutathione lyase activity	F	AT1G67280
1051	1	L123 vs. M123	L123 up	GO:0016688	Signaling and response	Stress	L-ascorbate peroxidase activity	F	AT4G32320
1052	1	L123 vs. M123	L123 up	GO:0055088	Signaling and response	Stress	lipid homeostasis	P	AT3G06690
1053	1	L123 vs. M123	L123 up	GO:0055071	Signaling and response	Stress	manganese ion homeostasis	P	AT1G10130
1054	1	L123 vs. M123	L123 up	GO:0019243	Signaling and response	Stress	methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione	P	AT1G67280
1055	1	L123 vs. M123	L123 up	GO:0010587	Signaling and response	Stress	miRNA catabolic process	P	AT1G56310
1056	1	L123 vs. M123	L123 up	GO:0031936	Signaling and response	Stress	negative regulation of chromatin silencing	P	AT2G30620
1057	1	L123 vs. M123	L123 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G48760
1058	1	L123 vs. M123	L123 up	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT3G47420
1059	1	L123 vs. M123	L123 up	GO:0046854	Signaling and response	Stress	phosphatidylinositol phosphorylation	P	AT1G31190
1060	1	L123 vs. M123	L123 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT3G12500
1061	1	L123 vs. M123	L123 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G12010
1062	1	L123 vs. M123	L123 up	GO:0043068	Signaling and response	Stress	positive regulation of programmed cell death	P	AT1G79340
1063	1	L123 vs. M123	L123 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	AT1G11750
1064	1	L123 vs. M123	L123 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	ATCG00670
1065	1	L123 vs. M123	L123 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT5G13120
1066	1	L123 vs. M123	L123 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G23060
1067	1	L123 vs. M123	L123 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT5G23720
1068	1	L123 vs. M123	L123 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT4G25100
1069	1	L123 vs. M123	L123 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G36530
1070	1	L123 vs. M123	L123 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G34710
1071	1	L123 vs. M123	L123 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G23720
1072	1	L123 vs. M123	L123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G67280
1073	1	L123 vs. M123	L123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G36530
1074	1	L123 vs. M123	L123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G17020
1075	1	L123 vs. M123	L123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G23000

1076	1	L123 vs. M123	L123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G34710
1077	1	L123 vs. M123	L123 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT4G34190
1078	1	L123 vs. M123	L123 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G34710
1079	1	L123 vs. M123	L123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G49670
1080	1	L123 vs. M123	L123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G25100
1081	1	L123 vs. M123	L123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G34710
1082	1	L123 vs. M123	L123 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G25100
1083	1	L123 vs. M123	L123 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G32320
1084	1	L123 vs. M123	L123 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G34710
1085	1	L123 vs. M123	L123 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G47060
1086	1	L123 vs. M123	L123 up	GO:0010353	Signaling and response	Stress	response to trehalose	P	AT5G16150
1087	1	L123 vs. M123	L123 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G58440
1088	1	L123 vs. M123	L123 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G68820
1089	1	L123 vs. M123	L123 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G08770
1090	1	L123 vs. M123	L123 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G34190
1091	1	L123 vs. M123	L123 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G34710
1092	1	L123 vs. M123	L123 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G47240
1093	1	L123 vs. M123	L123 up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT4G25100
1094	1	L123 vs. M123	L123 up	GO:0030433	Signaling and response	Stress	ubiquitin-dependent ERAD pathway	P	AT1G17280
1095	1	L123 vs. M123	L123 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G13120
1096	1	L123 vs. M123	L123 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	ATCG00360
1097	1	L123 vs. M123	L123 up	GO:0009650	Signaling and response	Stress	UV protection	P	AT2G42690
1098	1	L123 vs. M123	M123 up	GO:0008356	Development	Cell division	asymmetric cell division	P	AT3G48750
1099	1	L123 vs. M123	M123 up	GO:0051301	Development	Cell division	cell division	P	AT2G26760
1100	1	L123 vs. M123	M123 up	GO:0051301	Development	Cell division	cell division	P	AT5G17620
1101	1	L123 vs. M123	M123 up	GO:0051301	Development	Cell division	cell division	P	AT5G48600
1102	1	L123 vs. M123	M123 up	GO:0051026	Development	Cell division	chiasma assembly	P	AT1G67370
1103	1	L123 vs. M123	M123 up	GO:0051026	Development	Cell division	chiasma assembly	P	AT3G13170
1104	1	L123 vs. M123	M123 up	GO:0005694	Development	Cell division	chromosome	C	AT1G67370
1105	1	L123 vs. M123	M123 up	GO:0005694	Development	Cell division	chromosome	C	AT3G13170
1106	1	L123 vs. M123	M123 up	GO:0005694	Development	Cell division	chromosome	C	AT5G48600
1107	1	L123 vs. M123	M123 up	GO:0051304	Development	Cell division	chromosome separation	P	AT4G15890
1108	1	L123 vs. M123	M123 up	GO:0000779	Development	Cell division	condensed chromosome, centromeric region	C	AT4G15890
1109	1	L123 vs. M123	M123 up	GO:0000794	Development	Cell division	condensed nuclear chromosome	C	AT1G67370
1110	1	L123 vs. M123	M123 up	GO:0030332	Development	Cell division	cyclin binding	F	AT3G48750
1111	1	L123 vs. M123	M123 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G26760
1112	1	L123 vs. M123	M123 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT3G48750
1113	1	L123 vs. M123	M123 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT3G48750
1114	1	L123 vs. M123	M123 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT2G26760
1115	1	L123 vs. M123	M123 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G48750
1116	1	L123 vs. M123	M123 up	GO:0042023	Development	Cell division	DNA endoreduplication	P	AT3G48750
1117	1	L123 vs. M123	M123 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT1G11290
1118	1	L123 vs. M123	M123 up	GO:0000082	Development	Cell division	G1/S transition of mitotic cell cycle	P	AT3G48750
1119	1	L123 vs. M123	M123 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G48750
1120	1	L123 vs. M123	M123 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G49670
1121	1	L123 vs. M123	M123 up	GO:0070652	Development	Cell division	HAUS complex	C	AT5G17620
1122	1	L123 vs. M123	M123 up	GO:0034090	Development	Cell division	maintenance of meiotic sister chromatid cohesion	P	AT3G13170
1123	1	L123 vs. M123	M123 up	GO:0048232	Development	Cell division	male gamete generation	P	AT4G39940
1124	1	L123 vs. M123	M123 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G48600
1125	1	L123 vs. M123	M123 up	GO:0010032	Development	Cell division	meiotic chromosome condensation	P	AT4G15890
1126	1	L123 vs. M123	M123 up	GO:0042138	Development	Cell division	meiotic DNA double-strand break formation	P	AT3G13170
1127	1	L123 vs. M123	M123 up	GO:0000706	Development	Cell division	meiotic DNA double-strand break processing	P	AT3G13170

1128	1	L123 vs. M123	M123 up	GO:0010480	Development	Cell division	microsporocyte differentiation	P	AT3G49670
1129	1	L123 vs. M123	M123 up	GO:0009556	Development	Cell division	microsporogenesis	P	AT4G15890
1130	1	L123 vs. M123	M123 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT5G65460
1131	1	L123 vs. M123	M123 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT2G26760
1132	1	L123 vs. M123	M123 up	GO:0007076	Development	Cell division	mitotic chromosome condensation	P	AT4G15890
1133	1	L123 vs. M123	M123 up	GO:0007076	Development	Cell division	mitotic chromosome condensation	P	AT5G48600
1134	1	L123 vs. M123	M123 up	GO:0000070	Development	Cell division	mitotic sister chromatid segregation	P	AT5G48600
1135	1	L123 vs. M123	M123 up	GO:0031022	Development	Cell division	nuclear migration along microfilament	P	AT5G65460
1136	1	L123 vs. M123	M123 up	GO:0048868	Development	Cell division	pollen tube development	P	AT3G05000
1137	1	L123 vs. M123	M123 up	GO:0008284	Development	Cell division	positive regulation of cell population proliferation	P	AT3G48750
1138	1	L123 vs. M123	M123 up	GO:0009574	Development	Cell division	preprophase band	C	AT3G48750
1139	1	L123 vs. M123	M123 up	GO:0007131	Development	Cell division	reciprocal meiotic recombination	P	AT3G13170
1140	1	L123 vs. M123	M123 up	GO:1902806	Development	Cell division	regulation of cell cycle G1/S phase transition	P	AT3G48750
1141	1	L123 vs. M123	M123 up	GO:0010389	Development	Cell division	regulation of G2/M transition of mitotic cell cycle	P	AT3G48750
1142	1	L123 vs. M123	M123 up	GO:0040020	Development	Cell division	regulation of meiotic nuclear division	P	AT3G48750
1143	1	L123 vs. M123	M123 up	GO:0016070	Development	Cell division	RNA metabolic process	P	AT1G06790
1144	1	L123 vs. M123	M123 up	GO:0051225	Development	Cell division	spindle assembly	P	AT5G17620
1145	1	L123 vs. M123	M123 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT5G17620
1146	1	L123 vs. M123	M123 up	GO:0098725	Development	Cell division	symmetric cell division	P	AT3G48750
1147	1	L123 vs. M123	M123 up	GO:0007129	Development	Cell division	synapsis	P	AT1G67370
1148	1	L123 vs. M123	M123 up	GO:0007129	Development	Cell division	synapsis	P	AT3G13170
1149	1	L123 vs. M123	M123 up	GO:0007130	Development	Cell division	synaptonemal complex assembly	P	AT1G67370
1150	1	L123 vs. M123	M123 up	GO:0048830	Development	Development	adventitious root development	P	AT4G31500
1151	1	L123 vs. M123	M123 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G65240
1152	1	L123 vs. M123	M123 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT1G65240
1153	1	L123 vs. M123	M123 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT4G12880
1154	1	L123 vs. M123	M123 up	GO:0048653	Development	Development	anther development	P	AT3G49670
1155	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT1G14720
1156	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT1G42970
1157	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT2G18660
1158	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT2G28190
1159	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT2G30860
1160	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT4G12880
1161	1	L123 vs. M123	M123 up	GO:0048046	Development	Development	apoplast	C	AT4G20360
1162	1	L123 vs. M123	M123 up	GO:0005623	Development	Development	cell	C	AT5G65460
1163	1	L123 vs. M123	M123 up	GO:0030154	Development	Development	cell differentiation	P	AT3G49670
1164	1	L123 vs. M123	M123 up	GO:0009986	Development	Development	cell surface	C	AT5G65020
1165	1	L123 vs. M123	M123 up	GO:0005618	Development	Development	cell wall	C	AT1G14720
1166	1	L123 vs. M123	M123 up	GO:0005618	Development	Development	cell wall	C	AT2G18660
1167	1	L123 vs. M123	M123 up	GO:0005618	Development	Development	cell wall	C	AT4G19410
1168	1	L123 vs. M123	M123 up	GO:0005618	Development	Development	cell wall	C	AT4G24890
1169	1	L123 vs. M123	M123 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT1G14720
1170	1	L123 vs. M123	M123 up	GO:0071555	Development	Development	cell wall organization	P	AT1G14720
1171	1	L123 vs. M123	M123 up	GO:0071555	Development	Development	cell wall organization	P	AT4G19410
1172	1	L123 vs. M123	M123 up	GO:0098653	Development	Development	centromere clustering	P	AT4G15890
1173	1	L123 vs. M123	M123 up	GO:0005813	Development	Development	centrosome	C	AT2G26760
1174	1	L123 vs. M123	M123 up	GO:0007098	Development	Development	centrosome cycle	P	AT5G17620
1175	1	L123 vs. M123	M123 up	GO:0000785	Development	Development	chromatin	C	AT1G67370
1176	1	L123 vs. M123	M123 up	GO:0005801	Development	Development	cis-Golgi network	C	AT3G05000
1177	1	L123 vs. M123	M123 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT3G48750
1178	1	L123 vs. M123	M123 up	GO:0042335	Development	Development	cuticle development	P	AT3G55360
1179	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01800
1180	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01940
1181	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G08830
1182	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G25350
1183	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G45145

1184	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G53650
1185	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G54650
1186	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79690
1187	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80280
1188	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G05250
1189	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G26760
1190	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30860
1191	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT2G38860
1192	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03190
1193	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16410
1194	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19980
1195	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G24503
1196	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G28900
1197	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G48750
1198	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G52190
1199	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53520
1200	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61580
1201	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61760
1202	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02890
1203	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G17640
1204	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26270
1205	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39520
1206	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01390
1207	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16970
1208	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G50740
1209	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56630
1210	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G63680
1211	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64140
1212	1	L123 vs. M123	M123 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64350
1213	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G01800
1214	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G08830
1215	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G25350
1216	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G45145
1217	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G47970
1218	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G60070
1219	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G67230
1220	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT1G79690
1221	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT2G30860
1222	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT2G38280
1223	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G02190
1224	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G03190
1225	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G05000
1226	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G16410
1227	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G24503
1228	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G28900
1229	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G46430
1230	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G48750
1231	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G53520
1232	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT3G55360
1233	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G02890
1234	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G15210
1235	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G16660
1236	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G16800
1237	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G17640
1238	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G26270
1239	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT4G39520

1240	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G01390
1241	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G08160
1242	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G16970
1243	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G42250
1244	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G51720
1245	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G56630
1246	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G63680
1247	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G64350
1248	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G65020
1249	1	L123 vs. M123	M123 up	GO:0005829	Development	Development	cytosol	C	AT5G65460
1250	1	L123 vs. M123	M123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G38280
1251	1	L123 vs. M123	M123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G19980
1252	1	L123 vs. M123	M123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G48750
1253	1	L123 vs. M123	M123 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G48600
1254	1	L123 vs. M123	M123 up	GO:0090158	Development	Development	endoplasmic reticulum membrane organization	P	AT4G00170
1255	1	L123 vs. M123	M123 up	GO:0061817	Development	Development	endoplasmic reticulum-plasma membrane tethering	P	AT4G00170
1256	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G05260
1257	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G08830
1258	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G09200
1259	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G10740
1260	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G14720
1261	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G31335
1262	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G59990
1263	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT1G67230
1264	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT2G07680
1265	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT2G14900
1266	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT2G18660
1267	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT2G28190
1268	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT3G48460
1269	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT3G50610
1270	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT4G12390
1271	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT4G15210
1272	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT4G19410
1273	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT4G24890
1274	1	L123 vs. M123	M123 up	GO:0005576	Development	Development	extracellular region	C	AT5G02140
1275	1	L123 vs. M123	M123 up	GO:0005615	Development	Development	extracellular space	C	AT1G08830
1276	1	L123 vs. M123	M123 up	GO:0005615	Development	Development	extracellular space	C	AT2G28190
1277	1	L123 vs. M123	M123 up	GO:0048437	Development	Development	floral organ development	P	AT3G49670
1278	1	L123 vs. M123	M123 up	GO:0010154	Development	Development	fruit development	P	AT1G14720
1279	1	L123 vs. M123	M123 up	GO:0005796	Development	Development	Golgi lumen	C	AT3G03210
1280	1	L123 vs. M123	M123 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G53520
1281	1	L123 vs. M123	M123 up	GO:0010444	Development	Development	guard mother cell differentiation	P	AT3G48750
1282	1	L123 vs. M123	M123 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G43580
1283	1	L123 vs. M123	M123 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT3G52190
1284	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G04760
1285	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06350
1286	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G10740
1287	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G12500
1288	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27770
1289	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31335
1290	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G54990
1291	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G57680
1292	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G60030

1293	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G69700
1294	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80280
1295	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G03240
1296	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G07680
1297	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22330
1298	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34070
1299	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G01980
1300	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G03210
1301	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G09700
1302	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G24660
1303	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G27870
1304	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G49670
1305	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53520
1306	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G55360
1307	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G61580
1308	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G00170
1309	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G03320
1310	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G31500
1311	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G22540
1312	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G24650
1313	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40670
1314	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G41000
1315	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G55370
1316	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G62620
1317	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00560
1318	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00680
1319	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01040
1320	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00410
1321	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00480
1322	1	L123 vs. M123	M123 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG01370
1323	1	L123 vs. M123	M123 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G43580
1324	1	L123 vs. M123	M123 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G03160
1325	1	L123 vs. M123	M123 up	GO:0005622	Development	Development	intracellular	C	AT5G65460
1326	1	L123 vs. M123	M123 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G38280
1327	1	L123 vs. M123	M123 up	GO:0048366	Development	Development	leaf development	P	AT4G20360
1328	1	L123 vs. M123	M123 up	GO:0005765	Development	Development	lysosomal membrane	C	AT5G40670
1329	1	L123 vs. M123	M123 up	GO:0016020	Development	Development	membrane	C	AT2G07680
1330	1	L123 vs. M123	M123 up	GO:0016020	Development	Development	membrane	C	AT3G53520
1331	1	L123 vs. M123	M123 up	GO:0016020	Development	Development	membrane	C	AT3G61760
1332	1	L123 vs. M123	M123 up	GO:0016020	Development	Development	membrane	C	AT5G65020
1333	1	L123 vs. M123	M123 up	GO:0005874	Development	Development	microtubule	C	AT3G61760
1334	1	L123 vs. M123	M123 up	GO:0005874	Development	Development	microtubule	C	AT5G65460
1335	1	L123 vs. M123	M123 up	GO:0007018	Development	Development	microtubule-based movement	P	AT5G65460
1336	1	L123 vs. M123	M123 up	GO:0000799	Development	Development	nuclear condensin complex	C	AT4G15890
1337	1	L123 vs. M123	M123 up	GO:0005652	Development	Development	nuclear lamina	C	AT1G67230
1338	1	L123 vs. M123	M123 up	GO:0034399	Development	Development	nuclear periphery	C	AT1G67230
1339	1	L123 vs. M123	M123 up	GO:0009295	Development	Development	nucleoid	C	AT4G20360
1340	1	L123 vs. M123	M123 up	GO:0005654	Development	Development	nucleoplasm	C	AT1G67370
1341	1	L123 vs. M123	M123 up	GO:0005654	Development	Development	nucleoplasm	C	AT5G16970
1342	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G01940
1343	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G06790
1344	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G08830
1345	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G09200
1346	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G12140
1347	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G12200
1348	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G17100

1349	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G25350
1350	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G27770
1351	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G42970
1352	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G45145
1353	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G47970
1354	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G53650
1355	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G54990
1356	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G67230
1357	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT1G69700
1358	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT2G26760
1359	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT2G27590
1360	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT2G27980
1361	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT2G38280
1362	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT3G13170
1363	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT3G16410
1364	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT3G19980
1365	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT3G24050
1366	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT3G48750
1367	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT4G02890
1368	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT4G10925
1369	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT4G15890
1370	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT4G17640
1371	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT4G20360
1372	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT4G39235
1373	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G08160
1374	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G16970
1375	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G41810
1376	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G48600
1377	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G60570
1378	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G65020
1379	1	L123 vs. M123	M123 up	GO:0005634	Development	Development	nucleus	C	AT5G65460
1380	1	L123 vs. M123	M123 up	GO:0006997	Development	Development	nucleus organization	P	AT1G67230
1381	1	L123 vs. M123	M123 up	GO:0009524	Development	Development	phragmoplast	C	AT5G17620
1382	1	L123 vs. M123	M123 up	GO:0048481	Development	Development	plant ovule development	P	AT1G25350
1383	1	L123 vs. M123	M123 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G01800
1384	1	L123 vs. M123	M123 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G05260
1385	1	L123 vs. M123	M123 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G19410
1386	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G04760
1387	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G08860
1388	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12500
1389	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G27770
1390	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G31335
1391	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G45145
1392	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G60030
1393	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT1G65240
1394	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT2G03240
1395	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30860
1396	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G24660
1397	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G27870
1398	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G48750
1399	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G49670
1400	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G52190
1401	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53520
1402	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55360
1403	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G00170
1404	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31500

1405	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT5G24650
1406	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50740
1407	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT5G63680
1408	1	L123 vs. M123	M123 up	GO:0005886	Development	Development	plasma membrane	C	AT5G65460
1409	1	L123 vs. M123	M123 up	GO:0009555	Development	Development	pollen development	P	AT3G48750
1410	1	L123 vs. M123	M123 up	GO:0080022	Development	Development	primary root development	P	AT5G65020
1411	1	L123 vs. M123	M123 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT4G26270
1412	1	L123 vs. M123	M123 up	GO:0080086	Development	Development	stamen filament development	P	AT1G14720
1413	1	L123 vs. M123	M123 up	GO:0010319	Development	Development	stromule	C	AT1G42970
1414	1	L123 vs. M123	M123 up	GO:0010091	Development	Development	trichome branching	P	AT3G55360
1415	1	L123 vs. M123	M123 up	GO:1905499	Development	Development	trichome papilla formation	P	AT3G55360
1416	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G17100
1417	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G54990
1418	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G07680
1419	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G16660
1420	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G24650
1421	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G40670
1422	1	L123 vs. M123	M123 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G41000
1423	1	L123 vs. M123	M123 up	GO:0005773	Development	Development	vacuole	C	AT1G17100
1424	1	L123 vs. M123	M123 up	GO:0005773	Development	Development	vacuole	C	AT1G79690
1425	1	L123 vs. M123	M123 up	GO:0005773	Development	Development	vacuole	C	AT2G30860
1426	1	L123 vs. M123	M123 up	GO:0005773	Development	Development	vacuole	C	AT4G02890
1427	1	L123 vs. M123	M123 up	GO:0005773	Development	Development	vacuole	C	AT5G24650
1428	1	L123 vs. M123	M123 up	GO:0005773	Development	Development	vacuole	C	AT5G24780
1429	1	L123 vs. M123	M123 up	GO:0032440	Metabolism	Bioenergetics	2-alkenal reductase [NAD(P)+] activity	F	AT5G16970
1430	1	L123 vs. M123	M123 up	GO:0003872	Metabolism	Bioenergetics	6-phosphofructokinase activity	F	AT4G26270
1431	1	L123 vs. M123	M123 up	GO:0003872	Metabolism	Bioenergetics	6-phosphofructokinase activity	F	AT5G56630
1432	1	L123 vs. M123	M123 up	GO:0047617	Metabolism	Bioenergetics	acyl-CoA hydrolase activity	F	AT5G48370
1433	1	L123 vs. M123	M123 up	GO:0006637	Metabolism	Bioenergetics	acyl-CoA metabolic process	P	AT5G48370
1434	1	L123 vs. M123	M123 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G24503
1435	1	L123 vs. M123	M123 up	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G55370
1436	1	L123 vs. M123	M123 up	GO:0006754	Metabolism	Bioenergetics	ATP biosynthetic process	P	ATMG00480
1437	1	L123 vs. M123	M123 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATMG00410
1438	1	L123 vs. M123	M123 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATMG00480
1439	1	L123 vs. M123	M123 up	GO:0001671	Metabolism	Bioenergetics	ATPase activator activity	F	AT3G09700
1440	1	L123 vs. M123	M123 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07680
1441	1	L123 vs. M123	M123 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G65460
1442	1	L123 vs. M123	M123 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT4G15210
1443	1	L123 vs. M123	M123 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16410
1444	1	L123 vs. M123	M123 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G62620
1445	1	L123 vs. M123	M123 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G03210
1446	1	L123 vs. M123	M123 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	ATMG00410
1447	1	L123 vs. M123	M123 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G12880
1448	1	L123 vs. M123	M123 up	GO:0004300	Metabolism	Bioenergetics	enoyl-CoA hydratase activity	F	AT4G16800
1449	1	L123 vs. M123	M123 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT4G16800
1450	1	L123 vs. M123	M123 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G08510
1451	1	L123 vs. M123	M123 up	GO:0009922	Metabolism	Bioenergetics	fatty acid elongase activity	F	AT3G55360
1452	1	L123 vs. M123	M123 up	GO:0009923	Metabolism	Bioenergetics	fatty acid elongase complex	C	AT3G55360
1453	1	L123 vs. M123	M123 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT3G48460
1454	1	L123 vs. M123	M123 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G42970
1455	1	L123 vs. M123	M123 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G24503
1456	1	L123 vs. M123	M123 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT1G42970

1457	1	L123 vs. M123	M123 up	GO:0047100	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (phosphorylating) activity	F	AT1G42970
1458	1	L123 vs. M123	M123 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT4G26270
1459	1	L123 vs. M123	M123 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT5G56630
1460	1	L123 vs. M123	M123 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT5G63680
1461	1	L123 vs. M123	M123 up	GO:0031307	Metabolism	Bioenergetics	integral component of mitochondrial outer membrane	C	AT2G38280
1462	1	L123 vs. M123	M123 up	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G55370
1463	1	L123 vs. M123	M123 up	GO:0004490	Metabolism	Bioenergetics	methylglutaconyl-CoA hydratase activity	F	AT4G16800
1464	1	L123 vs. M123	M123 up	GO:0042776	Metabolism	Bioenergetics	mitochondrial ATP synthesis coupled proton transport	P	ATMG00410
1465	1	L123 vs. M123	M123 up	GO:0000266	Metabolism	Bioenergetics	mitochondrial fission	P	AT3G61760
1466	1	L123 vs. M123	M123 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	ATMG00410
1467	1	L123 vs. M123	M123 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	ATMG01370
1468	1	L123 vs. M123	M123 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT3G46430
1469	1	L123 vs. M123	M123 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	ATMG00410
1470	1	L123 vs. M123	M123 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	ATMG00480
1471	1	L123 vs. M123	M123 up	GO:0000276	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex, coupling factor F(o)	C	ATMG00480
1472	1	L123 vs. M123	M123 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT5G47890
1473	1	L123 vs. M123	M123 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT3G46430
1474	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G06350
1475	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G43580
1476	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G54120
1477	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G54990
1478	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G67230
1479	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79690
1480	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01980
1481	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02010
1482	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03160
1483	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G09700
1484	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G27870
1485	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G46430
1486	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G03320
1487	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G16800
1488	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G31500
1489	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G24650
1490	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G47890
1491	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G48370
1492	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G51720
1493	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00410
1494	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00480
1495	1	L123 vs. M123	M123 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01370
1496	1	L123 vs. M123	M123 up	GO:0007005	Metabolism	Bioenergetics	mitochondrion organization	P	AT5G24650
1497	1	L123 vs. M123	M123 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G42970
1498	1	L123 vs. M123	M123 up	GO:0070403	Metabolism	Bioenergetics	NAD+ binding	F	AT3G53520
1499	1	L123 vs. M123	M123 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G12140
1500	1	L123 vs. M123	M123 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G12200
1501	1	L123 vs. M123	M123 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G42970
1502	1	L123 vs. M123	M123 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G55360
1503	1	L123 vs. M123	M123 up	GO:0016671	Metabolism	Bioenergetics	oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor	F	AT1G45145

1504	1	L123 vs. M123	M123 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G22330
1505	1	L123 vs. M123	M123 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G31500
1506	1	L123 vs. M123	M123 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT1G06350
1507	1	L123 vs. M123	M123 up	GO:0001405	Metabolism	Bioenergetics	PAM complex, Tim23 associated import motor	C	AT3G09700
1508	1	L123 vs. M123	M123 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATMG00410
1509	1	L123 vs. M123	M123 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATMG00480
1510	1	L123 vs. M123	M123 up	GO:0045259	Metabolism	Bioenergetics	proton-transporting ATP synthase complex	C	ATMG00410
1511	1	L123 vs. M123	M123 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATMG00410
1512	1	L123 vs. M123	M123 up	GO:0004743	Metabolism	Bioenergetics	pyruvate kinase activity	F	AT5G63680
1513	1	L123 vs. M123	M123 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT1G42970
1514	1	L123 vs. M123	M123 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT4G15210
1515	1	L123 vs. M123	M123 up	GO:0042721	Metabolism	Bioenergetics	TIM22 mitochondrial import inner membrane insertion complex	C	AT5G24650
1516	1	L123 vs. M123	M123 up	GO:0005744	Metabolism	Bioenergetics	TIM23 mitochondrial import inner membrane translocase complex	C	AT5G24650
1517	1	L123 vs. M123	M123 up	GO:0019166	Metabolism	Bioenergetics	trans-2-enoyl-CoA reductase (NADPH) activity	F	AT3G55360
1518	1	L123 vs. M123	M123 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT1G06350
1519	1	L123 vs. M123	M123 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT3G55360
1520	1	L123 vs. M123	M123 up	GO:0102758	Metabolism	Bioenergetics	very-long-chain enoyl-CoA reductase activity	F	AT3G55360
1521	1	L123 vs. M123	M123 up	GO:0009083	Metabolism	Catabolism	branched-chain amino acid catabolic process	P	AT4G16800
1522	1	L123 vs. M123	M123 up	GO:0000737	Metabolism	Catabolism	DNA catabolic process, endonucleolytic	P	AT3G13170
1523	1	L123 vs. M123	M123 up	GO:0046294	Metabolism	Catabolism	formaldehyde catabolic process	P	AT5G42250
1524	1	L123 vs. M123	M123 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G16410
1525	1	L123 vs. M123	M123 up	GO:0032264	Metabolism	Catabolism	IMP salvage	P	AT2G38280
1526	1	L123 vs. M123	M123 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G51720
1527	1	L123 vs. M123	M123 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G48460
1528	1	L123 vs. M123	M123 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT4G02890
1529	1	L123 vs. M123	M123 up	GO:1903298	Metabolism	Catabolism	negative regulation of hypoxia-induced intrinsic apoptotic signaling pathway	P	AT4G16660
1530	1	L123 vs. M123	M123 up	GO:1900056	Metabolism	Catabolism	negative regulation of leaf senescence	P	AT5G62620
1531	1	L123 vs. M123	M123 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G05260
1532	1	L123 vs. M123	M123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30860
1533	1	L123 vs. M123	M123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G01980
1534	1	L123 vs. M123	M123 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G48370
1535	1	L123 vs. M123	M123 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G65240
1536	1	L123 vs. M123	M123 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G02890
1537	1	L123 vs. M123	M123 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G10925
1538	1	L123 vs. M123	M123 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G65240
1539	1	L123 vs. M123	M123 up	GO:0006569	Metabolism	Catabolism	tryptophan catabolic process	P	AT2G22330
1540	1	L123 vs. M123	M123 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT4G02890
1541	1	L123 vs. M123	M123 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G02890
1542	1	L123 vs. M123	M123 up	GO:0009979	Metabolism	Metabolism	16:0 monogalactosyldiacylglycerol desaturase activity	F	AT1G06350
1543	1	L123 vs. M123	M123 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G51720

1544	1	L123 vs. M123	M123 up	GO:0080107	Metabolism	Metabolism	8-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G12140
1545	1	L123 vs. M123	M123 up	GO:0008126	Metabolism	Metabolism	acetylesterase activity	F	AT3G48460
1546	1	L123 vs. M123	M123 up	GO:0016407	Metabolism	Metabolism	acetyltransferase activity	F	AT3G03210
1547	1	L123 vs. M123	M123 up	GO:0000036	Metabolism	Metabolism	acyl carrier activity	F	AT1G08510
1548	1	L123 vs. M123	M123 up	GO:0016297	Metabolism	Metabolism	acyl-[acyl-carrier-protein] hydrolase activity	F	AT1G08510
1549	1	L123 vs. M123	M123 up	GO:0004020	Metabolism	Metabolism	adenylylsulfate kinase activity	F	AT4G39940
1550	1	L123 vs. M123	M123 up	GO:0004024	Metabolism	Metabolism	alcohol dehydrogenase activity, zinc-dependent	F	AT5G42250
1551	1	L123 vs. M123	M123 up	GO:0003876	Metabolism	Metabolism	AMP deaminase activity	F	AT2G38280
1552	1	L123 vs. M123	M123 up	GO:0046033	Metabolism	Metabolism	AMP metabolic process	P	AT2G38280
1553	1	L123 vs. M123	M123 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT4G15210
1554	1	L123 vs. M123	M123 up	GO:0010405	Metabolism	Metabolism	arabinogalactan protein metabolic process	P	AT5G62620
1555	1	L123 vs. M123	M123 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G65240
1556	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G25350
1557	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G27770
1558	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G59990
1559	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07680
1560	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G38280
1561	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G13170
1562	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24660
1563	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G27870
1564	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G48750
1565	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G49670
1566	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G26270
1567	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39940
1568	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G08160
1569	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G48600
1570	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G56630
1571	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G65460
1572	1	L123 vs. M123	M123 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	ATMG00480
1573	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G17100
1574	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G27385
1575	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G31335
1576	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47970
1577	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G54120
1578	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G57680
1579	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G36300
1580	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G46430
1581	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G39235
1582	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G22540
1583	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G41810
1584	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G60570
1585	1	L123 vs. M123	M123 up	GO:0008150	Metabolism	Metabolism	biological_process	P	ATMG01370
1586	1	L123 vs. M123	M123 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G03210
1587	1	L123 vs. M123	M123 up	GO:0010120	Metabolism	Metabolism	camalexin biosynthetic process	P	AT2G22330
1588	1	L123 vs. M123	M123 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT1G03210
1589	1	L123 vs. M123	M123 up	GO:0046513	Metabolism	Metabolism	ceramide biosynthetic process	P	AT1G43580
1590	1	L123 vs. M123	M123 up	GO:0047493	Metabolism	Metabolism	ceramide cholinephosphotransferase activity	F	AT1G43580
1591	1	L123 vs. M123	M123 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT2G27980
1592	1	L123 vs. M123	M123 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G15890
1593	1	L123 vs. M123	M123 up	GO:0050269	Metabolism	Metabolism	coniferyl-aldehyde dehydrogenase activity	F	AT3G24503
1594	1	L123 vs. M123	M123 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G08830
1595	1	L123 vs. M123	M123 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G28190
1596	1	L123 vs. M123	M123 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G30860
1597	1	L123 vs. M123	M123 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G39940
1598	1	L123 vs. M123	M123 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT1G79690

1599	1	L123 vs. M123	M123 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G13170
1600	1	L123 vs. M123	M123 up	GO:0042732	Metabolism	Metabolism	D-xylose metabolic process	P	AT3G53520
1601	1	L123 vs. M123	M123 up	GO:0016889	Metabolism	Metabolism	endodeoxyribonuclease activity, producing 3'-phosphomonoesters	F	AT3G13170
1602	1	L123 vs. M123	M123 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT4G12390
1603	1	L123 vs. M123	M123 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G12140
1604	1	L123 vs. M123	M123 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G12200
1605	1	L123 vs. M123	M123 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT4G39520
1606	1	L123 vs. M123	M123 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G12140
1607	1	L123 vs. M123	M123 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT2G22330
1608	1	L123 vs. M123	M123 up	GO:0006541	Metabolism	Metabolism	glutamine metabolic process	P	AT2G38860
1609	1	L123 vs. M123	M123 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT1G45145
1610	1	L123 vs. M123	M123 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT3G53520
1611	1	L123 vs. M123	M123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G61760
1612	1	L123 vs. M123	M123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G20360
1613	1	L123 vs. M123	M123 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G39520
1614	1	L123 vs. M123	M123 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G52190
1615	1	L123 vs. M123	M123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G61760
1616	1	L123 vs. M123	M123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G20360
1617	1	L123 vs. M123	M123 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G39520
1618	1	L123 vs. M123	M123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G05260
1619	1	L123 vs. M123	M123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G17100
1620	1	L123 vs. M123	M123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G22330
1621	1	L123 vs. M123	M123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G31500
1622	1	L123 vs. M123	M123 up	GO:0020037	Metabolism	Metabolism	heme binding	F	ATCG01040
1623	1	L123 vs. M123	M123 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT4G39940
1624	1	L123 vs. M123	M123 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G10740
1625	1	L123 vs. M123	M123 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G80280
1626	1	L123 vs. M123	M123 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT1G14720
1627	1	L123 vs. M123	M123 up	GO:1990714	Metabolism	Metabolism	hydroxyproline O-galactosyltransferase activity	F	AT5G62620
1628	1	L123 vs. M123	M123 up	GO:0006188	Metabolism	Metabolism	IMP biosynthetic process	P	AT2G38280
1629	1	L123 vs. M123	M123 up	GO:0009759	Metabolism	Metabolism	indole glucosinolate biosynthetic process	P	AT4G31500
1630	1	L123 vs. M123	M123 up	GO:0000822	Metabolism	Metabolism	inositol hexakisphosphate binding	F	AT2G03240
1631	1	L123 vs. M123	M123 up	GO:0045140	Metabolism	Metabolism	inositol phosphoceramide synthase activity	F	AT1G43580
1632	1	L123 vs. M123	M123 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G22330
1633	1	L123 vs. M123	M123 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G31500
1634	1	L123 vs. M123	M123 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT3G13170
1635	1	L123 vs. M123	M123 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT5G48370
1636	1	L123 vs. M123	M123 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT3G61580
1637	1	L123 vs. M123	M123 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G55370
1638	1	L123 vs. M123	M123 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G27870
1639	1	L123 vs. M123	M123 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G63680
1640	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G05260
1641	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27770
1642	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G79690
1643	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G38280
1644	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G13170
1645	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G19980
1646	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G61580
1647	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24890
1648	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G26270
1649	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G50740
1650	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G51720
1651	1	L123 vs. M123	M123 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G56630
1652	1	L123 vs. M123	M123 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G27590

1653	1	L123 vs. M123	M123 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G14000
1654	1	L123 vs. M123	M123 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G61760
1655	1	L123 vs. M123	M123 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G65460
1656	1	L123 vs. M123	M123 up	GO:0051011	Metabolism	Metabolism	microtubule minus-end binding	F	AT5G17620
1657	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G27385
1658	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G31335
1659	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47970
1660	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G54120
1661	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G57680
1662	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G69700
1663	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G14900
1664	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G36300
1665	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03160
1666	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G46430
1667	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50610
1668	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10925
1669	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G39235
1670	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G02140
1671	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G22540
1672	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G41810
1673	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G60570
1674	1	L123 vs. M123	M123 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	ATMG01370
1675	1	L123 vs. M123	M123 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT5G62620
1676	1	L123 vs. M123	M123 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G12140
1677	1	L123 vs. M123	M123 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G12200
1678	1	L123 vs. M123	M123 up	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT3G16410
1679	1	L123 vs. M123	M123 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G24780
1680	1	L123 vs. M123	M123 up	GO:0016413	Metabolism	Metabolism	O-acetyltransferase activity	F	AT2G34070
1681	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01800
1682	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G05260
1683	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06350
1684	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G08830
1685	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G12140
1686	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G12200
1687	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G42970
1688	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G45145
1689	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G22330
1690	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G28190
1691	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G30860
1692	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G24503
1693	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55360
1694	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G61580
1695	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G31500
1696	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G16970
1697	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42250
1698	1	L123 vs. M123	M123 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47890
1699	1	L123 vs. M123	M123 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT4G19410
1700	1	L123 vs. M123	M123 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT3G24503
1701	1	L123 vs. M123	M123 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G39940
1702	1	L123 vs. M123	M123 up	GO:0030955	Metabolism	Metabolism	potassium ion binding	F	AT5G63680
1703	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G08830
1704	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G53650
1705	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G67230
1706	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G79690
1707	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26760

1708	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38280
1709	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13170
1710	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G19980
1711	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G48750
1712	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G49670
1713	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G52190
1714	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G55360
1715	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20360
1716	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G17620
1717	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G24650
1718	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45680
1719	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64350
1720	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65460
1721	1	L123 vs. M123	M123 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00680
1722	1	L123 vs. M123	M123 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT2G38280
1723	1	L123 vs. M123	M123 up	GO:0005090	Metabolism	Metabolism	Sar guanyl-nucleotide exchange factor activity	F	AT3G52190
1724	1	L123 vs. M123	M123 up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT1G43580
1725	1	L123 vs. M123	M123 up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT3G61580
1726	1	L123 vs. M123	M123 up	GO:0052631	Metabolism	Metabolism	sphingolipid delta-8 desaturase activity	F	AT3G61580
1727	1	L123 vs. M123	M123 up	GO:0006665	Metabolism	Metabolism	sphingolipid metabolic process	P	AT3G55360
1728	1	L123 vs. M123	M123 up	GO:0033188	Metabolism	Metabolism	sphingomyelin synthase activity	F	AT1G43580
1729	1	L123 vs. M123	M123 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT2G38860
1730	1	L123 vs. M123	M123 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT4G31500
1731	1	L123 vs. M123	M123 up	GO:0033320	Metabolism	Metabolism	UDP-D-xylose biosynthetic process	P	AT3G53520
1732	1	L123 vs. M123	M123 up	GO:0048040	Metabolism	Metabolism	UDP-glucuronate decarboxylase activity	F	AT3G53520
1733	1	L123 vs. M123	M123 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT3G55360
1734	1	L123 vs. M123	M123 up	GO:0045492	Metabolism	Metabolism	xylan biosynthetic process	P	AT3G03210
1735	1	L123 vs. M123	M123 up	GO:1990538	Metabolism	Metabolism	xylan O-acetyltransferase activity	F	AT3G03210
1736	1	L123 vs. M123	M123 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT1G14720
1737	1	L123 vs. M123	M123 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT1G14720
1738	1	L123 vs. M123	M123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G11290
1739	1	L123 vs. M123	M123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02010
1740	1	L123 vs. M123	M123 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G42250
1741	1	L123 vs. M123	M123 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00680
1742	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G01800
1743	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G08510
1744	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11290
1745	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17100
1746	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19170
1747	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27770
1748	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G42970
1749	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G59990
1750	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G22330
1751	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28190
1752	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G30860
1753	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38280
1754	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48460
1755	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G03320
1756	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14000
1757	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20360
1758	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24890
1759	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G31500
1760	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39940
1761	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24650
1762	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24780
1763	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G40670

1764	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G41000
1765	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42250
1766	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45680
1767	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G47890
1768	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G48370
1769	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G51720
1770	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65020
1771	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65460
1772	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00380
1773	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00560
1774	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00660
1775	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00680
1776	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01040
1777	1	L123 vs. M123	M123 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATMG00480
1778	1	L123 vs. M123	M123 up	GO:0009904	Metabolism	Photosynthesis	chloroplast accumulation movement	P	AT5G65460
1779	1	L123 vs. M123	M123 up	GO:0009903	Metabolism	Photosynthesis	chloroplast avoidance movement	P	AT5G65460
1780	1	L123 vs. M123	M123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G42970
1781	1	L123 vs. M123	M123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G20360
1782	1	L123 vs. M123	M123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G24650
1783	1	L123 vs. M123	M123 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00660
1784	1	L123 vs. M123	M123 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G27770
1785	1	L123 vs. M123	M123 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT4G03320
1786	1	L123 vs. M123	M123 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G24650
1787	1	L123 vs. M123	M123 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G42970
1788	1	L123 vs. M123	M123 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT4G20360
1789	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G42970
1790	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G28190
1791	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G30860
1792	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G20360
1793	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G51720
1794	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00380
1795	1	L123 vs. M123	M123 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00660
1796	1	L123 vs. M123	M123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G20360
1797	1	L123 vs. M123	M123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00560
1798	1	L123 vs. M123	M123 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00680
1799	1	L123 vs. M123	M123 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G45680
1800	1	L123 vs. M123	M123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G42970
1801	1	L123 vs. M123	M123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G20360
1802	1	L123 vs. M123	M123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00560
1803	1	L123 vs. M123	M123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00680
1804	1	L123 vs. M123	M123 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01040
1805	1	L123 vs. M123	M123 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00680
1806	1	L123 vs. M123	M123 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT4G26270
1807	1	L123 vs. M123	M123 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT5G56630
1808	1	L123 vs. M123	M123 up	GO:0110128	Metabolism	Photosynthesis	phloem sucrose unloading	P	AT5G65020
1809	1	L123 vs. M123	M123 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00680
1810	1	L123 vs. M123	M123 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00680
1811	1	L123 vs. M123	M123 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00680
1812	1	L123 vs. M123	M123 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	ATCG00680
1813	1	L123 vs. M123	M123 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00560
1814	1	L123 vs. M123	M123 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00680
1815	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G08510
1816	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G20360
1817	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G39940

1818	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16970
1819	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G24650
1820	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G45680
1821	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47890
1822	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G51720
1823	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63680
1824	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64140
1825	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64350
1826	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65020
1827	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00380
1828	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00660
1829	1	L123 vs. M123	M123 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00680
1830	1	L123 vs. M123	M123 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00660
1831	1	L123 vs. M123	M123 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00380
1832	1	L123 vs. M123	M123 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00680
1833	1	L123 vs. M123	M123 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT4G03320
1834	1	L123 vs. M123	M123 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT5G24650
1835	1	L123 vs. M123	M123 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00680
1836	1	L123 vs. M123	M123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G28190
1837	1	L123 vs. M123	M123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G30860
1838	1	L123 vs. M123	M123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G65020
1839	1	L123 vs. M123	M123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00560
1840	1	L123 vs. M123	M123 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00680
1841	1	L123 vs. M123	M123 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT5G45680
1842	1	L123 vs. M123	M123 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G12500
1843	1	L123 vs. M123	M123 up	GO:0030121	Metabolism	Transporters	AP-1 adaptor complex	C	AT1G60070
1844	1	L123 vs. M123	M123 up	GO:0140326	Metabolism	Transporters	ATPase-coupled intramembrane lipid transporter activity	F	AT3G27870
1845	1	L123 vs. M123	M123 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G07680
1846	1	L123 vs. M123	M123 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT2G07680
1847	1	L123 vs. M123	M123 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT1G27770
1848	1	L123 vs. M123	M123 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT1G27770
1849	1	L123 vs. M123	M123 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G12500
1850	1	L123 vs. M123	M123 up	GO:0031901	Metabolism	Transporters	early endosome membrane	C	AT1G04760
1851	1	L123 vs. M123	M123 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G03160
1852	1	L123 vs. M123	M123 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G05000
1853	1	L123 vs. M123	M123 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G52190
1854	1	L123 vs. M123	M123 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G04760
1855	1	L123 vs. M123	M123 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G03240
1856	1	L123 vs. M123	M123 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G53520
1857	1	L123 vs. M123	M123 up	GO:0015886	Metabolism	Transporters	heme transport	P	ATCG01040
1858	1	L123 vs. M123	M123 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G60070
1859	1	L123 vs. M123	M123 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G03160
1860	1	L123 vs. M123	M123 up	GO:0015662	Metabolism	Transporters	ion transmembrane transporter activity, phosphorylative mechanism	F	AT3G27870
1861	1	L123 vs. M123	M123 up	GO:0006811	Metabolism	Transporters	ion transport	P	ATMG00480
1862	1	L123 vs. M123	M123 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT5G65460
1863	1	L123 vs. M123	M123 up	GO:0015184	Metabolism	Transporters	L-cystine transmembrane transporter activity	F	AT5G40670
1864	1	L123 vs. M123	M123 up	GO:0015811	Metabolism	Transporters	L-cystine transport	P	AT5G40670
1865	1	L123 vs. M123	M123 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT5G50740

1866	1	L123 vs. M123	M123 up	GO:0008514	Metabolism	Transporters	organic anion transmembrane transporter activity	F	AT1G12500
1867	1	L123 vs. M123	M123 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT2G03240
1868	1	L123 vs. M123	M123 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT2G03240
1869	1	L123 vs. M123	M123 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G52190
1870	1	L123 vs. M123	M123 up	GO:0045332	Metabolism	Transporters	phospholipid translocation	P	AT3G27870
1871	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G05260
1872	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G43580
1873	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G45145
1874	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G60030
1875	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69700
1876	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G30860
1877	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16410
1878	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G24660
1879	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G12390
1880	1	L123 vs. M123	M123 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G19410
1881	1	L123 vs. M123	M123 up	GO:0015774	Metabolism	Transporters	polysaccharide transport	P	AT5G65020
1882	1	L123 vs. M123	M123 up	GO:0030150	Metabolism	Transporters	protein import into mitochondrial matrix	P	AT3G09700
1883	1	L123 vs. M123	M123 up	GO:0045039	Metabolism	Transporters	protein insertion into mitochondrial inner membrane	P	AT5G24650
1884	1	L123 vs. M123	M123 up	GO:0070973	Metabolism	Transporters	protein localization to endoplasmic reticulum exit site	P	AT3G03160
1885	1	L123 vs. M123	M123 up	GO:0009306	Metabolism	Transporters	protein secretion	P	AT3G52190
1886	1	L123 vs. M123	M123 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	AT5G24650
1887	1	L123 vs. M123	M123 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G04760
1888	1	L123 vs. M123	M123 up	GO:0015078	Metabolism	Transporters	proton transmembrane transporter activity	F	ATMG00410
1889	1	L123 vs. M123	M123 up	GO:0015165	Metabolism	Transporters	pyrimidine nucleotide-sugar transmembrane transporter activity	F	AT1G12500
1890	1	L123 vs. M123	M123 up	GO:0003400	Metabolism	Transporters	regulation of COPII vesicle coating	P	AT3G52190
1891	1	L123 vs. M123	M123 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G17100
1892	1	L123 vs. M123	M123 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G15210
1893	1	L123 vs. M123	M123 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G16660
1894	1	L123 vs. M123	M123 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G39940
1895	1	L123 vs. M123	M123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G43580
1896	1	L123 vs. M123	M123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G03240
1897	1	L123 vs. M123	M123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G05000
1898	1	L123 vs. M123	M123 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G53520
1899	1	L123 vs. M123	M123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G60030
1900	1	L123 vs. M123	M123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G07680
1901	1	L123 vs. M123	M123 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G41000
1902	1	L123 vs. M123	M123 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G12500
1903	1	L123 vs. M123	M123 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G60030
1904	1	L123 vs. M123	M123 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G60030
1905	1	L123 vs. M123	M123 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G48600
1906	1	L123 vs. M123	M123 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G04760
1907	1	L123 vs. M123	M123 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G60070
1908	1	L123 vs. M123	M123 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT5G01390
1909	1	L123 vs. M123	M123 up	GO:0061077	Regulation	Protein modification	chaperone-mediated protein folding	P	AT5G64350
1910	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G05260
1911	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27770
1912	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G54990
1913	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G38280
1914	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G52190
1915	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G55360
1916	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G61580
1917	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G00170
1918	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G16660

1919	1	L123 vs. M123	M123 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G31500
1920	1	L123 vs. M123	M123 up	GO:0034663	Regulation	Protein modification	endoplasmic reticulum chaperone complex	C	AT4G16660
1921	1	L123 vs. M123	M123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G06350
1922	1	L123 vs. M123	M123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G54990
1923	1	L123 vs. M123	M123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G03160
1924	1	L123 vs. M123	M123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G55360
1925	1	L123 vs. M123	M123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G61580
1926	1	L123 vs. M123	M123 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G00170
1927	1	L123 vs. M123	M123 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT3G16410
1928	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G12500
1929	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G03240
1930	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G34070
1931	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G38860
1932	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G03210
1933	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G05000
1934	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G53520
1935	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G16660
1936	1	L123 vs. M123	M123 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G62620
1937	1	L123 vs. M123	M123 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G62620
1938	1	L123 vs. M123	M123 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT1G43580
1939	1	L123 vs. M123	M123 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G54650
1940	1	L123 vs. M123	M123 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G27590
1941	1	L123 vs. M123	M123 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G14000
1942	1	L123 vs. M123	M123 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT4G20360
1943	1	L123 vs. M123	M123 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT1G01940
1944	1	L123 vs. M123	M123 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT5G45680
1945	1	L123 vs. M123	M123 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT5G64350
1946	1	L123 vs. M123	M123 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G45145
1947	1	L123 vs. M123	M123 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT1G01940
1948	1	L123 vs. M123	M123 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G01390
1949	1	L123 vs. M123	M123 up	GO:0005956	Regulation	Protein modification	protein kinase CK2 complex	C	AT4G17640
1950	1	L123 vs. M123	M123 up	GO:0018258	Regulation	Protein modification	protein O-linked glycosylation via hydroxyproline	P	AT5G62620
1951	1	L123 vs. M123	M123 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT1G01940
1952	1	L123 vs. M123	M123 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT5G64350
1953	1	L123 vs. M123	M123 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT5G24650
1954	1	L123 vs. M123	M123 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT4G02890
1955	1	L123 vs. M123	M123 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT4G12390
1956	1	L123 vs. M123	M123 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT3G19980
1957	1	L123 vs. M123	M123 up	GO:0010439	Regulation	Regulation	regulation of glucosinolate biosynthetic process	P	AT4G39940
1958	1	L123 vs. M123	M123 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT4G31500
1959	1	L123 vs. M123	M123 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT3G49670
1960	1	L123 vs. M123	M123 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT3G49670
1961	1	L123 vs. M123	M123 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G24050
1962	1	L123 vs. M123	M123 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT1G06790
1963	1	L123 vs. M123	M123 up	GO:0035195	Regulation	Transcription	gene silencing by miRNA	P	AT1G08830
1964	1	L123 vs. M123	M123 up	GO:0035195	Regulation	Transcription	gene silencing by miRNA	P	AT2G28190
1965	1	L123 vs. M123	M123 up	GO:0042393	Regulation	Transcription	histone binding	F	AT2G27980
1966	1	L123 vs. M123	M123 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G15890
1967	1	L123 vs. M123	M123 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G11290
1968	1	L123 vs. M123	M123 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G20360
1969	1	L123 vs. M123	M123 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT2G27980
1970	1	L123 vs. M123	M123 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G24050
1971	1	L123 vs. M123	M123 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G53650
1972	1	L123 vs. M123	M123 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G59990
1973	1	L123 vs. M123	M123 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT1G11290

1974	1	L123 vs. M123	M123 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT3G02010
1975	1	L123 vs. M123	M123 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT3G48750
1976	1	L123 vs. M123	M123 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT2G27980
1977	1	L123 vs. M123	M123 up	GO:0001056	Regulation	Transcription	RNA polymerase III activity	F	AT1G06790
1978	1	L123 vs. M123	M123 up	GO:0005666	Regulation	Transcription	RNA polymerase III complex	C	AT1G06790
1979	1	L123 vs. M123	M123 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G24780
1980	1	L123 vs. M123	M123 up	GO:0006384	Regulation	Transcription	transcription initiation from RNA polymerase III promoter	P	AT1G06790
1981	1	L123 vs. M123	M123 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G27980
1982	1	L123 vs. M123	M123 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G24050
1983	1	L123 vs. M123	M123 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT4G20360
1984	1	L123 vs. M123	M123 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT4G39520
1985	1	L123 vs. M123	M123 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G02190
1986	1	L123 vs. M123	M123 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G28900
1987	1	L123 vs. M123	M123 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G28900
1988	1	L123 vs. M123	M123 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G64140
1989	1	L123 vs. M123	M123 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G64140
1990	1	L123 vs. M123	M123 up	GO:0004819	Regulation	Translation	glutamine-tRNA ligase activity	F	AT1G25350
1991	1	L123 vs. M123	M123 up	GO:0006425	Regulation	Translation	glutaminyl-tRNA aminoacylation	P	AT1G25350
1992	1	L123 vs. M123	M123 up	GO:0006424	Regulation	Translation	glutamyl-tRNA aminoacylation	P	AT1G25350
1993	1	L123 vs. M123	M123 up	GO:0030490	Regulation	Translation	maturation of SSU-rRNA	P	AT5G64140
1994	1	L123 vs. M123	M123 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G64140
1995	1	L123 vs. M123	M123 up	GO:0016556	Regulation	Translation	mRNA modification	P	AT1G11290
1996	1	L123 vs. M123	M123 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	ATCG00380
1997	1	L123 vs. M123	M123 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	ATCG00660
1998	1	L123 vs. M123	M123 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G64140
1999	1	L123 vs. M123	M123 up	GO:0005840	Regulation	Translation	ribosome	C	ATCG00660
2000	1	L123 vs. M123	M123 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT3G28900
2001	1	L123 vs. M123	M123 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT1G59990
2002	1	L123 vs. M123	M123 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT1G06790
2003	1	L123 vs. M123	M123 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00380
2004	1	L123 vs. M123	M123 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00380
2005	1	L123 vs. M123	M123 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G64140
2006	1	L123 vs. M123	M123 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00380
2007	1	L123 vs. M123	M123 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00660
2008	1	L123 vs. M123	M123 up	GO:0006412	Regulation	Translation	translation	P	AT1G25350
2009	1	L123 vs. M123	M123 up	GO:0006412	Regulation	Translation	translation	P	AT3G02190
2010	1	L123 vs. M123	M123 up	GO:0006412	Regulation	Translation	translation	P	AT3G28900
2011	1	L123 vs. M123	M123 up	GO:0006412	Regulation	Translation	translation	P	AT5G64140
2012	1	L123 vs. M123	M123 up	GO:0006412	Regulation	Translation	translation	P	ATCG00380
2013	1	L123 vs. M123	M123 up	GO:0006412	Regulation	Translation	translation	P	ATCG00660
2014	1	L123 vs. M123	M123 up	GO:0006414	Regulation	Translation	translational elongation	P	AT4G20360
2015	1	L123 vs. M123	M123 up	GO:0016031	Regulation	Translation	tRNA import into mitochondrion	P	AT5G24650
2016	1	L123 vs. M123	M123 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G24890
2017	1	L123 vs. M123	M123 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT5G24780
2018	1	L123 vs. M123	M123 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT1G54990
2019	1	L123 vs. M123	M123 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G65020
2020	1	L123 vs. M123	M123 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G27770
2021	1	L123 vs. M123	M123 up	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT1G08860
2022	1	L123 vs. M123	M123 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT3G61580
2023	1	L123 vs. M123	M123 up	GO:0071280	Signaling and response	Signaling	cellular response to copper ion	P	AT1G08830
2024	1	L123 vs. M123	M123 up	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT1G08830
2025	1	L123 vs. M123	M123 up	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT2G28190
2026	1	L123 vs. M123	M123 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G24050

2027	1	L123 vs. M123	M123 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT4G24890
2028	1	L123 vs. M123	M123 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G24780
2029	1	L123 vs. M123	M123 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G14900
2030	1	L123 vs. M123	M123 up	GO:0051020	Signaling and response	Signaling	GTPase binding	F	AT3G52190
2031	1	L123 vs. M123	M123 up	GO:0009684	Signaling and response	Signaling	indoleacetic acid biosynthetic process	P	AT2G22330
2032	1	L123 vs. M123	M123 up	GO:0009684	Signaling and response	Signaling	indoleacetic acid biosynthetic process	P	AT4G31500
2033	1	L123 vs. M123	M123 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G24660
2034	1	L123 vs. M123	M123 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G48750
2035	1	L123 vs. M123	M123 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G63680
2036	1	L123 vs. M123	M123 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT3G19980
2037	1	L123 vs. M123	M123 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G19980
2038	1	L123 vs. M123	M123 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G26760
2039	1	L123 vs. M123	M123 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G24660
2040	1	L123 vs. M123	M123 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G48750
2041	1	L123 vs. M123	M123 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G26760
2042	1	L123 vs. M123	M123 up	GO:0019887	Signaling and response	Signaling	protein kinase regulator activity	F	AT4G17640
2043	1	L123 vs. M123	M123 up	GO:0000159	Signaling and response	Signaling	protein phosphatase type 2A complex	C	AT3G19980
2044	1	L123 vs. M123	M123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G24660
2045	1	L123 vs. M123	M123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G48750
2046	1	L123 vs. M123	M123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G49670
2047	1	L123 vs. M123	M123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G17640
2048	1	L123 vs. M123	M123 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G08160
2049	1	L123 vs. M123	M123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G19980
2050	1	L123 vs. M123	M123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G49670
2051	1	L123 vs. M123	M123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G17640
2052	1	L123 vs. M123	M123 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G08160
2053	1	L123 vs. M123	M123 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT3G49670
2054	1	L123 vs. M123	M123 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT2G26760
2055	1	L123 vs. M123	M123 up	GO:0043087	Signaling and response	Signaling	regulation of GTPase activity	P	AT3G05000
2056	1	L123 vs. M123	M123 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G54990
2057	1	L123 vs. M123	M123 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT2G22330
2058	1	L123 vs. M123	M123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G42970
2059	1	L123 vs. M123	M123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G45145
2060	1	L123 vs. M123	M123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G30860
2061	1	L123 vs. M123	M123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G16970
2062	1	L123 vs. M123	M123 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G63680
2063	1	L123 vs. M123	M123 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT1G08830
2064	1	L123 vs. M123	M123 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT2G28190
2065	1	L123 vs. M123	M123 up	GO:0009725	Signaling and response	Signaling	response to hormone	P	AT2G40710
2066	1	L123 vs. M123	M123 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT1G08830
2067	1	L123 vs. M123	M123 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT2G28190
2068	1	L123 vs. M123	M123 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G24780
2069	1	L123 vs. M123	M123 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G42970
2070	1	L123 vs. M123	M123 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G28190
2071	1	L123 vs. M123	M123 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT4G31500
2072	1	L123 vs. M123	M123 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G42970
2073	1	L123 vs. M123	M123 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT2G30860
2074	1	L123 vs. M123	M123 up	GO:0009641	Signaling and response	Signaling	shade avoidance	P	AT4G31500
2075	1	L123 vs. M123	M123 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G40710
2076	1	L123 vs. M123	M123 up	GO:0010230	Signaling and response	Stress	alternative respiration	P	AT2G18660
2077	1	L123 vs. M123	M123 up	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT1G27770
2078	1	L123 vs. M123	M123 up	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT1G08860
2079	1	L123 vs. M123	M123 up	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT5G65020
2080	1	L123 vs. M123	M123 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G45145
2081	1	L123 vs. M123	M123 up	GO:0019725	Signaling and response	Stress	cellular homeostasis	P	AT1G08860

2082	1	L123 vs. M123	M123 up	GO:0071456	Signaling and response	Stress	cellular response to hypoxia	P	AT4G16660
2083	1	L123 vs. M123	M123 up	GO:0071484	Signaling and response	Stress	cellular response to light intensity	P	AT1G08830
2084	1	L123 vs. M123	M123 up	GO:0071484	Signaling and response	Stress	cellular response to light intensity	P	AT2G28190
2085	1	L123 vs. M123	M123 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT1G08830
2086	1	L123 vs. M123	M123 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT2G28190
2087	1	L123 vs. M123	M123 up	GO:0071457	Signaling and response	Stress	cellular response to ozone	P	AT1G08830
2088	1	L123 vs. M123	M123 up	GO:0071457	Signaling and response	Stress	cellular response to ozone	P	AT2G28190
2089	1	L123 vs. M123	M123 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G03240
2090	1	L123 vs. M123	M123 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G52190
2091	1	L123 vs. M123	M123 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT1G08830
2092	1	L123 vs. M123	M123 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G28190
2093	1	L123 vs. M123	M123 up	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT1G08830
2094	1	L123 vs. M123	M123 up	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT2G28190
2095	1	L123 vs. M123	M123 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT5G01390
2096	1	L123 vs. M123	M123 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G08860
2097	1	L123 vs. M123	M123 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G22330
2098	1	L123 vs. M123	M123 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G30860
2099	1	L123 vs. M123	M123 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G02140
2100	1	L123 vs. M123	M123 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G24780
2101	1	L123 vs. M123	M123 up	GO:0052544	Signaling and response	Stress	defense response by callose deposition in cell wall	P	AT2G22330
2102	1	L123 vs. M123	M123 up	GO:0052544	Signaling and response	Stress	defense response by callose deposition in cell wall	P	AT4G31500
2103	1	L123 vs. M123	M123 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G08830
2104	1	L123 vs. M123	M123 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G22330
2105	1	L123 vs. M123	M123 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G30860
2106	1	L123 vs. M123	M123 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G31500
2107	1	L123 vs. M123	M123 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G12200
2108	1	L123 vs. M123	M123 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G45145
2109	1	L123 vs. M123	M123 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT2G22330
2110	1	L123 vs. M123	M123 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT2G30860
2111	1	L123 vs. M123	M123 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT3G03190
2112	1	L123 vs. M123	M123 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT2G30860
2113	1	L123 vs. M123	M123 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G03190
2114	1	L123 vs. M123	M123 up	GO:0004602	Signaling and response	Stress	glutathione peroxidase activity	F	AT2G30860
2115	1	L123 vs. M123	M123 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT2G30860
2116	1	L123 vs. M123	M123 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT3G03190
2117	1	L123 vs. M123	M123 up	GO:0010235	Signaling and response	Stress	guard mother cell cytokinesis	P	AT3G48750
2118	1	L123 vs. M123	M123 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G05260
2119	1	L123 vs. M123	M123 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G05260
2120	1	L123 vs. M123	M123 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G69700
2121	1	L123 vs. M123	M123 up	GO:0009682	Signaling and response	Stress	induced systemic resistance	P	AT2G22330
2122	1	L123 vs. M123	M123 up	GO:0009682	Signaling and response	Stress	induced systemic resistance	P	AT4G31500
2123	1	L123 vs. M123	M123 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G51720
2124	1	L123 vs. M123	M123 up	GO:0060548	Signaling and response	Stress	negative regulation of cell death	P	AT1G08860
2125	1	L123 vs. M123	M123 up	GO:0010186	Signaling and response	Stress	positive regulation of cellular defense response	P	AT1G08860
2126	1	L123 vs. M123	M123 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G51720
2127	1	L123 vs. M123	M123 up	GO:0010112	Signaling and response	Stress	regulation of systemic acquired resistance	P	AT2G22330
2128	1	L123 vs. M123	M123 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT1G08830
2129	1	L123 vs. M123	M123 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT2G28190
2130	1	L123 vs. M123	M123 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G69700
2131	1	L123 vs. M123	M123 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G38280
2132	1	L123 vs. M123	M123 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G05000
2133	1	L123 vs. M123	M123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G05260
2134	1	L123 vs. M123	M123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G42970
2135	1	L123 vs. M123	M123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G48750
2136	1	L123 vs. M123	M123 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G65020
2137	1	L123 vs. M123	M123 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G05260

2138	1	L123 vs. M123	M123 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G65020
2139	1	L123 vs. M123	M123 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT4G15210
2140	1	L123 vs. M123	M123 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT2G22330
2141	1	L123 vs. M123	M123 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G31500
2142	1	L123 vs. M123	M123 up	GO:0009612	Signaling and response	Stress	response to mechanical stimulus	P	AT1G54990
2143	1	L123 vs. M123	M123 up	GO:0010188	Signaling and response	Stress	response to microbial phytotoxin	P	AT1G45145
2144	1	L123 vs. M123	M123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G05260
2145	1	L123 vs. M123	M123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G08830
2146	1	L123 vs. M123	M123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G45145
2147	1	L123 vs. M123	M123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G28190
2148	1	L123 vs. M123	M123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G03190
2149	1	L123 vs. M123	M123 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G16970
2150	1	L123 vs. M123	M123 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT1G08830
2151	1	L123 vs. M123	M123 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G08830
2152	1	L123 vs. M123	M123 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G65020
2153	1	L123 vs. M123	M123 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G69700
2154	1	L123 vs. M123	M123 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65020
2155	1	L123 vs. M123	M123 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G22330
2156	1	L123 vs. M123	M123 up	GO:0051903	Signaling and response	Stress	S-(hydroxymethyl)glutathione dehydrogenase activity	F	AT5G42250
2157	1	L123 vs. M123	M123 up	GO:0090332	Signaling and response	Stress	stomatal closure	P	AT1G08860
2158	1	L123 vs. M123	M123 up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT1G08830
2159	1	L123 vs. M123	M123 up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT2G28190
2160	1	L123 vs. M123	M123 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G18660
2161	1	L123 vs. M123	M123 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT2G30860
2162	1	L123 vs. M123	M123 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT3G03190
2163	1	L123 vs. M123	M123 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G01390
2164	2	L4 vs. M4	L4 Up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12040
2165	2	L4 vs. M4	L4 Up	GO:0051301	Development	Cell division	cell division	P	AT2G20190
2166	2	L4 vs. M4	L4 Up	GO:0032508	Development	Cell division	DNA duplex unwinding	P	AT2G21660
2167	2	L4 vs. M4	L4 Up	GO:0006260	Development	Cell division	DNA replication	P	AT4G12620
2168	2	L4 vs. M4	L4 Up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G12620
2169	2	L4 vs. M4	L4 Up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G12620
2170	2	L4 vs. M4	L4 Up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G34380
2171	2	L4 vs. M4	L4 Up	GO:0003887	Development	Cell division	DNA-directed DNA polymerase activity	F	AT1G34380
2172	2	L4 vs. M4	L4 Up	GO:0010385	Development	Cell division	double-stranded methylated DNA binding	F	AT4G12620
2173	2	L4 vs. M4	L4 Up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT2G20190
2174	2	L4 vs. M4	L4 Up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G12620
2175	2	L4 vs. M4	L4 Up	GO:0033314	Development	Cell division	mitotic DNA replication checkpoint	P	AT4G12620
2176	2	L4 vs. M4	L4 Up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT4G12620
2177	2	L4 vs. M4	L4 Up	GO:0008252	Development	Cell division	nucleotidase activity	F	AT4G14930
2178	2	L4 vs. M4	L4 Up	GO:0000808	Development	Cell division	origin recognition complex	C	AT4G12620
2179	2	L4 vs. M4	L4 Up	GO:0009846	Development	Cell division	pollen germination	P	AT5G07410
2180	2	L4 vs. M4	L4 Up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G04950
2181	2	L4 vs. M4	L4 Up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G41970
2182	2	L4 vs. M4	L4 Up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G47040
2183	2	L4 vs. M4	L4 Up	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G52360
2184	2	L4 vs. M4	L4 Up	GO:0051781	Development	Cell division	positive regulation of cell division	P	AT2G20190
2185	2	L4 vs. M4	L4 Up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G25490
2186	2	L4 vs. M4	L4 Up	GO:0019953	Development	Cell division	sexual reproduction	P	AT5G07550
2187	2	L4 vs. M4	L4 Up	GO:0007338	Development	Cell division	single fertilization	P	AT5G02100
2188	2	L4 vs. M4	L4 Up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT2G21660
2189	2	L4 vs. M4	L4 Up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G59180
2190	2	L4 vs. M4	L4 Up	GO:0005876	Development	Cell division	spindle microtubule	C	AT2G20190
2191	2	L4 vs. M4	L4 Up	GO:0006949	Development	Cell division	syncytium formation	P	AT4G26260
2192	2	L4 vs. M4	L4 Up	GO:0006949	Development	Cell division	syncytium formation	P	AT5G56640

2193	2	L4 vs. M4	L4 Up	GO:0015629	Development	Development	actin cytoskeleton	C	AT1G01780
2194	2	L4 vs. M4	L4 Up	GO:0005884	Development	Development	actin filament	C	AT4G25590
2195	2	L4 vs. M4	L4 Up	GO:0005884	Development	Development	actin filament	C	AT5G52360
2196	2	L4 vs. M4	L4 Up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G69295
2197	2	L4 vs. M4	L4 Up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20580
2198	2	L4 vs. M4	L4 Up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20865
2199	2	L4 vs. M4	L4 Up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G57690
2200	2	L4 vs. M4	L4 Up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G08000
2201	2	L4 vs. M4	L4 Up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G40730
2202	2	L4 vs. M4	L4 Up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G08000
2203	2	L4 vs. M4	L4 Up	GO:0009901	Development	Development	anther dehiscence	P	AT5G50800
2204	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT1G28270
2205	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT1G72610
2206	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT3G01500
2207	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT3G13750
2208	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT3G52840
2209	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT4G05180
2210	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT4G35010
2211	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT5G09550
2212	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT5G20630
2213	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT5G26700
2214	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	AT5G52360
2215	2	L4 vs. M4	L4 Up	GO:0048046	Development	Development	apoplast	C	ATCG00490
2216	2	L4 vs. M4	L4 Up	GO:0005623	Development	Development	cell	C	AT1G54030
2217	2	L4 vs. M4	L4 Up	GO:0005623	Development	Development	cell	C	AT4G24920
2218	2	L4 vs. M4	L4 Up	GO:0005623	Development	Development	cell	C	AT5G54750
2219	2	L4 vs. M4	L4 Up	GO:0007155	Development	Development	cell adhesion	P	AT3G25140
2220	2	L4 vs. M4	L4 Up	GO:0005938	Development	Development	cell cortex	C	AT2G20190
2221	2	L4 vs. M4	L4 Up	GO:0005938	Development	Development	cell cortex	C	AT4G29340
2222	2	L4 vs. M4	L4 Up	GO:0016049	Development	Development	cell growth	P	AT1G78020
2223	2	L4 vs. M4	L4 Up	GO:0009932	Development	Development	cell tip growth	P	AT3G07880
2224	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT1G07890
2225	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT1G71695
2226	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT1G72610
2227	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT2G21140
2228	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT2G39460
2229	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT2G47040
2230	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT3G07850
2231	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT3G13750
2232	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT3G16240
2233	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT3G52840
2234	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT3G62170
2235	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT4G35010
2236	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT5G07410
2237	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT5G14040
2238	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT5G15200
2239	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT5G20630
2240	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	AT5G26700
2241	2	L4 vs. M4	L4 Up	GO:0005618	Development	Development	cell wall	C	ATCG00490
2242	2	L4 vs. M4	L4 Up	GO:0042545	Development	Development	cell wall modification	P	AT2G47040
2243	2	L4 vs. M4	L4 Up	GO:0042545	Development	Development	cell wall modification	P	AT3G62170
2244	2	L4 vs. M4	L4 Up	GO:0042545	Development	Development	cell wall modification	P	AT5G07410
2245	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT1G02460
2246	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT1G02800
2247	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT1G60590
2248	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT3G07830

2249	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT3G07840
2250	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT3G07850
2251	2	L4 vs. M4	L4 Up	GO:0071555	Development	Development	cell wall organization	P	AT5G48140
2252	2	L4 vs. M4	L4 Up	GO:0005575	Development	Development	cellular_component	C	AT1G62510
2253	2	L4 vs. M4	L4 Up	GO:0005575	Development	Development	cellular_component	C	AT3G28550
2254	2	L4 vs. M4	L4 Up	GO:0005575	Development	Development	cellular_component	C	AT3G54580
2255	2	L4 vs. M4	L4 Up	GO:0005575	Development	Development	cellular_component	C	AT5G08250
2256	2	L4 vs. M4	L4 Up	GO:0005575	Development	Development	cellular_component	C	AT5G19810
2257	2	L4 vs. M4	L4 Up	GO:0005575	Development	Development	cellular_component	C	AT5G59170
2258	2	L4 vs. M4	L4 Up	GO:0042807	Development	Development	central vacuole	C	AT3G16240
2259	2	L4 vs. M4	L4 Up	GO:0006325	Development	Development	chromatin organization	P	AT1G04950
2260	2	L4 vs. M4	L4 Up	GO:0005801	Development	Development	cis-Golgi network	C	AT1G15880
2261	2	L4 vs. M4	L4 Up	GO:0043622	Development	Development	cortical microtubule organization	P	AT2G20190
2262	2	L4 vs. M4	L4 Up	GO:0048825	Development	Development	cotyledon development	P	AT1G64520
2263	2	L4 vs. M4	L4 Up	GO:0010588	Development	Development	cotyledon vascular tissue pattern formation	P	AT2G21050
2264	2	L4 vs. M4	L4 Up	GO:0042335	Development	Development	cuticle development	P	AT2G46720
2265	2	L4 vs. M4	L4 Up	GO:0042335	Development	Development	cuticle development	P	AT5G49070
2266	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G01780
2267	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G04170
2268	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G07890
2269	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G14880
2270	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G16470
2271	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G27450
2272	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G27970
2273	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G34380
2274	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G60140
2275	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G62940
2276	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G68500
2277	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G78020
2278	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G78300
2279	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT1G79210
2280	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G20190
2281	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G21660
2282	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G25490
2283	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G25900
2284	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G34555
2285	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G38310
2286	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G39460
2287	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G39770
2288	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G41970
2289	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G46225
2290	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G46720
2291	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT2G46880
2292	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G01500
2293	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G07880
2294	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G07890
2295	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G11050
2296	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G22960
2297	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G44680
2298	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G52580
2299	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G55970
2300	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT3G56090
2301	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G02250
2302	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G05050
2303	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G14930
2304	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G25100

2305	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G25590
2306	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G26260
2307	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G29340
2308	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT4G37610
2309	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G01600
2310	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G02840
2311	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G04180
2312	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G04800
2313	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G09550
2314	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G13350
2315	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G16650
2316	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G16970
2317	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G20250
2318	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G21170
2319	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G52360
2320	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G54160
2321	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G54750
2322	2	L4 vs. M4	L4 Up	GO:0005737	Development	Development	cytoplasm	C	AT5G56640
2323	2	L4 vs. M4	L4 Up	GO:0005856	Development	Development	cytoskeleton	C	AT2G46225
2324	2	L4 vs. M4	L4 Up	GO:0005856	Development	Development	cytoskeleton	C	AT4G29340
2325	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G04170
2326	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G07890
2327	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G13930
2328	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G16470
2329	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G27450
2330	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G27970
2331	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G30820
2332	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G35580
2333	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G60140
2334	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G64230
2335	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G64520
2336	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G78020
2337	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G78300
2338	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT1G79210
2339	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT2G21660
2340	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT2G35370
2341	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT2G39460
2342	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT2G39770
2343	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT2G43400
2344	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT2G46540
2345	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G01500
2346	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G01740
2347	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G07880
2348	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G12500
2349	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G13750
2350	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G26935
2351	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G47470
2352	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G52580
2353	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G52840
2354	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G56090
2355	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT3G62580
2356	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G05050
2357	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G05180
2358	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G13560
2359	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G14930
2360	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G22930

2361	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G24920
2362	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G25100
2363	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G26910
2364	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT4G37550
2365	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G02100
2366	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G08160
2367	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G15200
2368	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G16970
2369	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G20250
2370	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G39850
2371	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G45620
2372	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G54160
2373	2	L4 vs. M4	L4 Up	GO:0005829	Development	Development	cytosol	C	AT5G63190
2374	2	L4 vs. M4	L4 Up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT2G01110
2375	2	L4 vs. M4	L4 Up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT3G21180
2376	2	L4 vs. M4	L4 Up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G12620
2377	2	L4 vs. M4	L4 Up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G13560
2378	2	L4 vs. M4	L4 Up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT5G02100
2379	2	L4 vs. M4	L4 Up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G07890
2380	2	L4 vs. M4	L4 Up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G61110
2381	2	L4 vs. M4	L4 Up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G23660
2382	2	L4 vs. M4	L4 Up	GO:0007029	Development	Development	endoplasmic reticulum organization	P	AT1G54030
2383	2	L4 vs. M4	L4 Up	GO:0044432	Development	Development	endoplasmic reticulum part	C	AT1G78020
2384	2	L4 vs. M4	L4 Up	GO:0005793	Development	Development	endoplasmic reticulum-Golgi intermediate compartment	C	AT1G11890
2385	2	L4 vs. M4	L4 Up	GO:0010168	Development	Development	ER body	C	AT1G54030
2386	2	L4 vs. M4	L4 Up	GO:0031012	Development	Development	extracellular matrix	C	AT1G72610
2387	2	L4 vs. M4	L4 Up	GO:0031012	Development	Development	extracellular matrix	C	AT5G20630
2388	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G02305
2389	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G02460
2390	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G02800
2391	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G04170
2392	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G07890
2393	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G11890
2394	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G13930
2395	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G14880
2396	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G28270
2397	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G32540
2398	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G50170
2399	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G55570
2400	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G56360
2401	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G60590
2402	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G66850
2403	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G67290
2404	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G69295
2405	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G71695
2406	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G72260
2407	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT1G72610
2408	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G19000
2409	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G19980
2410	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G21140

2411	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G23010
2412	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G45180
2413	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G46880
2414	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT2G47040
2415	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G06100
2416	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G07830
2417	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G07840
2418	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G07850
2419	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G12500
2420	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G13390
2421	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G13400
2422	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G13750
2423	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G48050
2424	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G51070
2425	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G51590
2426	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G52840
2427	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT3G62170
2428	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT4G25780
2429	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT4G35010
2430	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G07410
2431	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G07550
2432	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G15110
2433	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G19580
2434	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G20630
2435	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G23660
2436	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G26700
2437	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G36910
2438	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G45650
2439	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G45880
2440	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G48140
2441	2	L4 vs. M4	L4 Up	GO:0005576	Development	Development	extracellular region	C	AT5G50800
2442	2	L4 vs. M4	L4 Up	GO:0005615	Development	Development	extracellular space	C	AT1G02305
2443	2	L4 vs. M4	L4 Up	GO:0005615	Development	Development	extracellular space	C	AT2G19980
2444	2	L4 vs. M4	L4 Up	GO:0005615	Development	Development	extracellular space	C	AT4G25780
2445	2	L4 vs. M4	L4 Up	GO:0005615	Development	Development	extracellular space	C	AT5G45880
2446	2	L4 vs. M4	L4 Up	GO:0009908	Development	Development	flower development	P	AT1G64520
2447	2	L4 vs. M4	L4 Up	GO:0009908	Development	Development	flower development	P	AT3G11050
2448	2	L4 vs. M4	L4 Up	GO:0009908	Development	Development	flower development	P	AT3G56090
2449	2	L4 vs. M4	L4 Up	GO:0009908	Development	Development	flower development	P	AT4G24960
2450	2	L4 vs. M4	L4 Up	GO:0009908	Development	Development	flower development	P	AT5G01600
2451	2	L4 vs. M4	L4 Up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G15880
2452	2	L4 vs. M4	L4 Up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G25140
2453	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G11890
2454	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G13150
2455	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14880
2456	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G15880
2457	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24400
2458	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G29930
2459	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G48460
2460	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G52220
2461	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G59740
2462	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G67600
2463	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68820
2464	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74520
2465	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74540
2466	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G02510

2467	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G07560
2468	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G19980
2469	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G21050
2470	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34430
2471	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38330
2472	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46210
2473	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46720
2474	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G03860
2475	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G05890
2476	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G06100
2477	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G08040
2478	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G16240
2479	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21180
2480	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25140
2481	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G26935
2482	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47470
2483	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50580
2484	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT3G51070
2485	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18230
2486	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT4G20870
2487	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24960
2488	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25040
2489	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT4G30650
2490	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01530
2491	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05740
2492	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G07550
2493	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G17170
2494	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G23660
2495	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G42000
2496	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49070
2497	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50800
2498	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53190
2499	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00700
2500	2	L4 vs. M4	L4 Up	GO:0016021	Development	Development	integral component of membrane	C	ATMG01360
2501	2	L4 vs. M4	L4 Up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G23660
2502	2	L4 vs. M4	L4 Up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G50800
2503	2	L4 vs. M4	L4 Up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G53190
2504	2	L4 vs. M4	L4 Up	GO:0005622	Development	Development	intracellular	C	AT1G54030
2505	2	L4 vs. M4	L4 Up	GO:0005622	Development	Development	intracellular	C	AT3G12500
2506	2	L4 vs. M4	L4 Up	GO:0005622	Development	Development	intracellular	C	AT4G05050
2507	2	L4 vs. M4	L4 Up	GO:0005622	Development	Development	intracellular	C	AT4G24920
2508	2	L4 vs. M4	L4 Up	GO:0005622	Development	Development	intracellular	C	AT5G54750
2509	2	L4 vs. M4	L4 Up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G33380
2510	2	L4 vs. M4	L4 Up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G02100
2511	2	L4 vs. M4	L4 Up	GO:0048366	Development	Development	leaf development	P	AT1G64520
2512	2	L4 vs. M4	L4 Up	GO:0048366	Development	Development	leaf development	P	AT3G11050
2513	2	L4 vs. M4	L4 Up	GO:0048366	Development	Development	leaf development	P	AT3G56090
2514	2	L4 vs. M4	L4 Up	GO:0048366	Development	Development	leaf development	P	AT5G01600
2515	2	L4 vs. M4	L4 Up	GO:0016020	Development	Development	membrane	C	AT1G35580
2516	2	L4 vs. M4	L4 Up	GO:0016020	Development	Development	membrane	C	AT3G07880
2517	2	L4 vs. M4	L4 Up	GO:0016020	Development	Development	membrane	C	AT3G21180
2518	2	L4 vs. M4	L4 Up	GO:0016020	Development	Development	membrane	C	AT5G02100
2519	2	L4 vs. M4	L4 Up	GO:0016020	Development	Development	membrane	C	AT5G55990
2520	2	L4 vs. M4	L4 Up	GO:0012511	Development	Development	monolayer-surrounded lipid storage body	C	AT2G33380
2521	2	L4 vs. M4	L4 Up	GO:0012511	Development	Development	monolayer-surrounded lipid storage body	C	AT5G07550
2522	2	L4 vs. M4	L4 Up	GO:0007275	Development	Development	multicellular organism development	P	AT1G67290

2523	2	L4 vs. M4	L4 Up	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT4G12620
2524	2	L4 vs. M4	L4 Up	GO:0005635	Development	Development	nuclear envelope	C	AT1G27970
2525	2	L4 vs. M4	L4 Up	GO:0005654	Development	Development	nucleoplasm	C	AT5G16970
2526	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G04950
2527	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G14330
2528	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G16290
2529	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G16470
2530	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G26610
2531	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G27450
2532	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G27970
2533	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G29930
2534	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G32540
2535	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G34310
2536	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G34380
2537	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G35580
2538	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G49010
2539	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G52220
2540	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G54080
2541	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G61110
2542	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G64230
2543	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G64520
2544	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G67520
2545	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G68200
2546	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G68820
2547	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G74520
2548	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G78020
2549	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G78300
2550	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G79210
2551	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G79700
2552	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT1G80920
2553	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G18160
2554	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G20670
2555	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G21660
2556	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G21880
2557	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G25490
2558	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G25900
2559	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G35370
2560	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G38310
2561	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G39770
2562	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G41830
2563	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G41970
2564	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT2G42940
2565	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT3G12040
2566	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT3G44680
2567	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT3G48050
2568	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT3G49640
2569	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT3G51070
2570	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G05050
2571	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G09830
2572	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G12620
2573	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G19160
2574	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G25590
2575	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G27590
2576	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G28240
2577	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G29340
2578	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G30100

2579	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G35420
2580	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G35770
2581	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G36040
2582	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G37610
2583	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT4G40000
2584	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G02100
2585	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G02840
2586	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G08160
2587	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G13350
2588	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G13360
2589	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G16970
2590	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G20630
2591	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G25280
2592	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G45620
2593	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G48590
2594	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G52360
2595	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G54160
2596	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G58670
2597	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G59180
2598	2	L4 vs. M4	L4 Up	GO:0005634	Development	Development	nucleus	C	AT5G63190
2599	2	L4 vs. M4	L4 Up	GO:0007389	Development	Development	pattern specification process	P	AT1G02800
2600	2	L4 vs. M4	L4 Up	GO:0009524	Development	Development	phragmoplast	C	AT2G20190
2601	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G27450
2602	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G71695
2603	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G13750
2604	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G15400
2605	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G16240
2606	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G51590
2607	2	L4 vs. M4	L4 Up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G52840
2608	2	L4 vs. M4	L4 Up	GO:0009831	Development	Development	plant-type cell wall modification involved in multidimensional cell growth	P	AT1G61110
2609	2	L4 vs. M4	L4 Up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G21140
2610	2	L4 vs. M4	L4 Up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G54030
2611	2	L4 vs. M4	L4 Up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G16240
2612	2	L4 vs. M4	L4 Up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G55990
2613	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G01780
2614	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G07890
2615	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G11890
2616	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G13930
2617	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G14880
2618	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G24400
2619	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G27450
2620	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G27970
2621	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G35580
2622	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G54080
2623	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G55570
2624	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G59740
2625	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G64230
2626	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G67520
2627	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G69295
2628	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT1G78300
2629	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G07560
2630	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G20190
2631	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G21050
2632	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G21880
2633	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G38310

2634	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G41830
2635	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G41970
2636	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT2G47040
2637	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G01500
2638	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G08040
2639	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G13390
2640	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G13400
2641	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G15400
2642	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G16240
2643	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G20580
2644	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G20865
2645	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G21180
2646	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G26935
2647	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT3G57690
2648	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT4G25040
2649	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT4G25100
2650	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT4G28240
2651	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT4G28940
2652	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT4G37550
2653	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G01530
2654	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G01600
2655	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G02100
2656	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G04800
2657	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G08000
2658	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G11770
2659	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G21170
2660	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G23660
2661	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G40730
2662	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G50800
2663	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G54160
2664	2	L4 vs. M4	L4 Up	GO:0005886	Development	Development	plasma membrane	C	AT5G58670
2665	2	L4 vs. M4	L4 Up	GO:0009555	Development	Development	pollen development	P	AT3G21180
2666	2	L4 vs. M4	L4 Up	GO:0009555	Development	Development	pollen development	P	AT4G24960
2667	2	L4 vs. M4	L4 Up	GO:0009555	Development	Development	pollen development	P	AT4G35420
2668	2	L4 vs. M4	L4 Up	GO:0009555	Development	Development	pollen development	P	AT5G50800
2669	2	L4 vs. M4	L4 Up	GO:0010584	Development	Development	pollen exine formation	P	AT1G62940
2670	2	L4 vs. M4	L4 Up	GO:0010584	Development	Development	pollen exine formation	P	AT4G35420
2671	2	L4 vs. M4	L4 Up	GO:0090406	Development	Development	pollen tube	C	AT2G47040
2672	2	L4 vs. M4	L4 Up	GO:0090406	Development	Development	pollen tube	C	AT3G62170
2673	2	L4 vs. M4	L4 Up	GO:0090406	Development	Development	pollen tube	C	AT5G07410
2674	2	L4 vs. M4	L4 Up	GO:0010208	Development	Development	pollen wall assembly	P	AT2G42940
2675	2	L4 vs. M4	L4 Up	GO:0048528	Development	Development	post-embryonic root development	P	AT1G64520
2676	2	L4 vs. M4	L4 Up	GO:0000326	Development	Development	protein storage vacuole	C	AT3G16240
2677	2	L4 vs. M4	L4 Up	GO:0048829	Development	Development	root cap development	P	AT2G21050
2678	2	L4 vs. M4	L4 Up	GO:0048364	Development	Development	root development	P	AT1G35580
2679	2	L4 vs. M4	L4 Up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT3G07880
2680	2	L4 vs. M4	L4 Up	GO:0048768	Development	Development	root hair cell tip growth	P	AT2G41970
2681	2	L4 vs. M4	L4 Up	GO:0031209	Development	Development	SCAR complex	C	AT2G46225
2682	2	L4 vs. M4	L4 Up	GO:0048316	Development	Development	seed development	P	AT4G35420
2683	2	L4 vs. M4	L4 Up	GO:0080112	Development	Development	seed growth	P	AT5G50800
2684	2	L4 vs. M4	L4 Up	GO:0010431	Development	Development	seed maturation	P	AT3G22960
2685	2	L4 vs. M4	L4 Up	GO:0010431	Development	Development	seed maturation	P	AT5G23660
2686	2	L4 vs. M4	L4 Up	GO:0090351	Development	Development	seedling development	P	AT1G78020
2687	2	L4 vs. M4	L4 Up	GO:0009647	Development	Development	skotomorphogenesis	P	AT1G64520
2688	2	L4 vs. M4	L4 Up	GO:0010319	Development	Development	stromule	C	AT3G01500
2689	2	L4 vs. M4	L4 Up	GO:0005198	Development	Development	structural molecule activity	F	AT5G45620

2690	2	L4 vs. M4	L4 Up	GO:0010090	Development	Development	trichome morphogenesis	P	AT2G46225
2691	2	L4 vs. M4	L4 Up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G20190
2692	2	L4 vs. M4	L4 Up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G78300
2693	2	L4 vs. M4	L4 Up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G21880
2694	2	L4 vs. M4	L4 Up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G12500
2695	2	L4 vs. M4	L4 Up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16240
2696	2	L4 vs. M4	L4 Up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G14040
2697	2	L4 vs. M4	L4 Up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G15200
2698	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT1G02305
2699	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT1G14880
2700	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT1G16290
2701	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT1G54030
2702	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT1G71695
2703	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT1G78300
2704	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT2G21660
2705	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT2G21880
2706	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT2G25830
2707	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT2G33380
2708	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT3G12500
2709	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT3G13750
2710	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT3G16240
2711	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT3G52840
2712	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT4G35010
2713	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT4G37550
2714	2	L4 vs. M4	L4 Up	GO:0005773	Development	Development	vacuole	C	AT5G55990
2715	2	L4 vs. M4	L4 Up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G21660
2716	2	L4 vs. M4	L4 Up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G42940
2717	2	L4 vs. M4	L4 Up	GO:0006906	Development	Development	vesicle fusion	P	AT1G15880
2718	2	L4 vs. M4	L4 Up	GO:0048280	Development	Development	vesicle fusion with Golgi apparatus	P	AT1G11890
2719	2	L4 vs. M4	L4 Up	GO:0032440	Metabolism	Bioenergetics	2-alkenal reductase [NAD(P)+] activity	F	AT5G16970
2720	2	L4 vs. M4	L4 Up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT2G46720
2721	2	L4 vs. M4	L4 Up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT5G49070
2722	2	L4 vs. M4	L4 Up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT2G46720
2723	2	L4 vs. M4	L4 Up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT5G49070
2724	2	L4 vs. M4	L4 Up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT2G46720
2725	2	L4 vs. M4	L4 Up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT5G49070
2726	2	L4 vs. M4	L4 Up	GO:0016207	Metabolism	Bioenergetics	4-coumarate-CoA ligase activity	F	AT1G62940
2727	2	L4 vs. M4	L4 Up	GO:0047617	Metabolism	Bioenergetics	acyl-CoA hydrolase activity	F	AT1G01710
2728	2	L4 vs. M4	L4 Up	GO:0006637	Metabolism	Bioenergetics	acyl-CoA metabolic process	P	AT1G01710
2729	2	L4 vs. M4	L4 Up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT5G11770
2730	2	L4 vs. M4	L4 Up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATMG01360
2731	2	L4 vs. M4	L4 Up	GO:0003825	Metabolism	Bioenergetics	alpha,alpha-trehalose-phosphate synthase (UDP-forming) activity	F	AT1G60140
2732	2	L4 vs. M4	L4 Up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07560
2733	2	L4 vs. M4	L4 Up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G13750
2734	2	L4 vs. M4	L4 Up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G35010
2735	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G02460
2736	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G35580
2737	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G60590
2738	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07830
2739	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07840
2740	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07850
2741	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G13750
2742	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G52840

2743	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G35010
2744	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G20250
2745	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G21170
2746	2	L4 vs. M4	L4 Up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G48140
2747	2	L4 vs. M4	L4 Up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT4G35420
2748	2	L4 vs. M4	L4 Up	GO:0004129	Metabolism	Bioenergetics	cytochrome-c oxidase activity	F	ATMG01360
2749	2	L4 vs. M4	L4 Up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G60950
2750	2	L4 vs. M4	L4 Up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G43400
2751	2	L4 vs. M4	L4 Up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT2G02510
2752	2	L4 vs. M4	L4 Up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	AT5G11770
2753	2	L4 vs. M4	L4 Up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATMG01360
2754	2	L4 vs. M4	L4 Up	GO:0004174	Metabolism	Bioenergetics	electron-transferring-flavoprotein dehydrogenase activity	F	AT2G43400
2755	2	L4 vs. M4	L4 Up	GO:0080132	Metabolism	Bioenergetics	fatty acid alpha-hydroxylase activity	F	AT4G20870
2756	2	L4 vs. M4	L4 Up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT3G07450
2757	2	L4 vs. M4	L4 Up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT2G46720
2758	2	L4 vs. M4	L4 Up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT4G20870
2759	2	L4 vs. M4	L4 Up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT5G21170
2760	2	L4 vs. M4	L4 Up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT5G49070
2761	2	L4 vs. M4	L4 Up	GO:0009062	Metabolism	Bioenergetics	fatty acid catabolic process	P	AT1G01710
2762	2	L4 vs. M4	L4 Up	GO:0030497	Metabolism	Bioenergetics	fatty acid elongation	P	AT2G46720
2763	2	L4 vs. M4	L4 Up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G20870
2764	2	L4 vs. M4	L4 Up	GO:0046949	Metabolism	Bioenergetics	fatty-acyl-CoA biosynthetic process	P	AT1G62940
2765	2	L4 vs. M4	L4 Up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G22960
2766	2	L4 vs. M4	L4 Up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT2G43400
2767	2	L4 vs. M4	L4 Up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT5G14040
2768	2	L4 vs. M4	L4 Up	GO:0004467	Metabolism	Bioenergetics	long-chain fatty acid-CoA ligase activity	F	AT1G62940
2769	2	L4 vs. M4	L4 Up	GO:0031956	Metabolism	Bioenergetics	medium-chain fatty acid-CoA ligase activity	F	AT1G62940
2770	2	L4 vs. M4	L4 Up	GO:0006123	Metabolism	Bioenergetics	mitochondrial electron transport, cytochrome c to oxygen	P	ATMG01360
2771	2	L4 vs. M4	L4 Up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT2G02510
2772	2	L4 vs. M4	L4 Up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT5G11770
2773	2	L4 vs. M4	L4 Up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT2G02510
2774	2	L4 vs. M4	L4 Up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT5G11770
2775	2	L4 vs. M4	L4 Up	GO:0005751	Metabolism	Bioenergetics	mitochondrial respiratory chain complex IV	C	ATMG01360
2776	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G35580
2777	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G48460
2778	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68820
2779	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69295
2780	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71695
2781	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72610
2782	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G74540
2783	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78300
2784	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79210
2785	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79420
2786	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02510
2787	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G12190
2788	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20190
2789	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35370
2790	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G43400
2791	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G46540
2792	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01740
2793	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G07450
2794	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G25140

2795	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G30775
2796	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G52130
2797	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G02380
2798	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G02920
2799	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12590
2800	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G18230
2801	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G20870
2802	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G22930
2803	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24920
2804	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24960
2805	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G25100
2806	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G26910
2807	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G01080
2808	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G01600
2809	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G11770
2810	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13630
2811	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G14040
2812	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G14550
2813	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G15200
2814	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G38710
2815	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G42000
2816	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G65685
2817	2	L4 vs. M4	L4 Up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01360
2818	2	L4 vs. M4	L4 Up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	AT5G11770
2819	2	L4 vs. M4	L4 Up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT5G11770
2820	2	L4 vs. M4	L4 Up	GO:0031588	Metabolism	Bioenergetics	nucleotide-activated protein kinase complex	C	AT5G21170
2821	2	L4 vs. M4	L4 Up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G55570
2822	2	L4 vs. M4	L4 Up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13390
2823	2	L4 vs. M4	L4 Up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13400
2824	2	L4 vs. M4	L4 Up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G35420
2825	2	L4 vs. M4	L4 Up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT1G13150
2826	2	L4 vs. M4	L4 Up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT5G08250
2827	2	L4 vs. M4	L4 Up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT1G74540
2828	2	L4 vs. M4	L4 Up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G12190
2829	2	L4 vs. M4	L4 Up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G35420
2830	2	L4 vs. M4	L4 Up	GO:0045252	Metabolism	Bioenergetics	oxoglutarate dehydrogenase complex	C	AT4G26910
2831	2	L4 vs. M4	L4 Up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G35370
2832	2	L4 vs. M4	L4 Up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	ATCG00490
2833	2	L4 vs. M4	L4 Up	GO:0045723	Metabolism	Bioenergetics	positive regulation of fatty acid biosynthetic process	P	AT1G79700
2834	2	L4 vs. M4	L4 Up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G07560
2835	2	L4 vs. M4	L4 Up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT2G07560
2836	2	L4 vs. M4	L4 Up	GO:0004743	Metabolism	Bioenergetics	pyruvate kinase activity	F	AT3G22960
2837	2	L4 vs. M4	L4 Up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	ATCG00490
2838	2	L4 vs. M4	L4 Up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	AT2G43400
2839	2	L4 vs. M4	L4 Up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	ATMG01360
2840	2	L4 vs. M4	L4 Up	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT5G65685

2841	2	L4 vs. M4	L4 Up	GO:0005987	Metabolism	Bioenergetics	sucrose catabolic process	P	AT1G35580
2842	2	L4 vs. M4	L4 Up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT4G26910
2843	2	L4 vs. M4	L4 Up	GO:0048039	Metabolism	Bioenergetics	ubiquinone binding	F	AT2G43400
2844	2	L4 vs. M4	L4 Up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT2G46720
2845	2	L4 vs. M4	L4 Up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT5G49070
2846	2	L4 vs. M4	L4 Up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT2G46720
2847	2	L4 vs. M4	L4 Up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT5G49070
2848	2	L4 vs. M4	L4 Up	GO:0006168	Metabolism	Catabolism	adenine salvage	P	AT1G27450
2849	2	L4 vs. M4	L4 Up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G01500
2850	2	L4 vs. M4	L4 Up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT5G04180
2851	2	L4 vs. M4	L4 Up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT3G12500
2852	2	L4 vs. M4	L4 Up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G02800
2853	2	L4 vs. M4	L4 Up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT3G12500
2854	2	L4 vs. M4	L4 Up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT3G01500
2855	2	L4 vs. M4	L4 Up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G02305
2856	2	L4 vs. M4	L4 Up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G16470
2857	2	L4 vs. M4	L4 Up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G79210
2858	2	L4 vs. M4	L4 Up	GO:0004527	Metabolism	Catabolism	exonuclease activity	F	AT1G34380
2859	2	L4 vs. M4	L4 Up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT4G05180
2860	2	L4 vs. M4	L4 Up	GO:0045487	Metabolism	Catabolism	gibberellin catabolic process	P	AT2G34555
2861	2	L4 vs. M4	L4 Up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT4G26260
2862	2	L4 vs. M4	L4 Up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT5G56640
2863	2	L4 vs. M4	L4 Up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G02380
2864	2	L4 vs. M4	L4 Up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G42000
2865	2	L4 vs. M4	L4 Up	GO:0006552	Metabolism	Catabolism	leucine catabolic process	P	AT2G43400
2866	2	L4 vs. M4	L4 Up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G58670
2867	2	L4 vs. M4	L4 Up	GO:0033512	Metabolism	Catabolism	L-lysine catabolic process to acetyl-CoA via saccharopine	P	AT4G26910
2868	2	L4 vs. M4	L4 Up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G02305
2869	2	L4 vs. M4	L4 Up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT4G05050
2870	2	L4 vs. M4	L4 Up	GO:0061157	Metabolism	Catabolism	mRNA destabilization	P	AT2G25900
2871	2	L4 vs. M4	L4 Up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT4G20870
2872	2	L4 vs. M4	L4 Up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G47040
2873	2	L4 vs. M4	L4 Up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G62170
2874	2	L4 vs. M4	L4 Up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07410
2875	2	L4 vs. M4	L4 Up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G15110
2876	2	L4 vs. M4	L4 Up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G07890
2877	2	L4 vs. M4	L4 Up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G67600
2878	2	L4 vs. M4	L4 Up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G71695
2879	2	L4 vs. M4	L4 Up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G01710
2880	2	L4 vs. M4	L4 Up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G21660
2881	2	L4 vs. M4	L4 Up	GO:1990137	Metabolism	Catabolism	plant seed peroxidase activity	F	AT2G33380
2882	2	L4 vs. M4	L4 Up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT3G12500
2883	2	L4 vs. M4	L4 Up	GO:0006562	Metabolism	Catabolism	proline catabolic process	P	AT3G30775
2884	2	L4 vs. M4	L4 Up	GO:0006562	Metabolism	Catabolism	proline catabolic process	P	AT5G38710
2885	2	L4 vs. M4	L4 Up	GO:0010133	Metabolism	Catabolism	proline catabolic process to glutamate	P	AT3G30775
2886	2	L4 vs. M4	L4 Up	GO:0010133	Metabolism	Catabolism	proline catabolic process to glutamate	P	AT5G38710
2887	2	L4 vs. M4	L4 Up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT1G16470
2888	2	L4 vs. M4	L4 Up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT1G79210
2889	2	L4 vs. M4	L4 Up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT1G16470
2890	2	L4 vs. M4	L4 Up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT1G79210
2891	2	L4 vs. M4	L4 Up	GO:0043248	Metabolism	Catabolism	proteasome assembly	P	AT1G64520
2892	2	L4 vs. M4	L4 Up	GO:0043248	Metabolism	Catabolism	proteasome assembly	P	AT5G45620
2893	2	L4 vs. M4	L4 Up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G16470

2894	2	L4 vs. M4	L4 Up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G64520
2895	2	L4 vs. M4	L4 Up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G79210
2896	2	L4 vs. M4	L4 Up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT5G45620
2897	2	L4 vs. M4	L4 Up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT1G16470
2898	2	L4 vs. M4	L4 Up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT1G79210
2899	2	L4 vs. M4	L4 Up	GO:0019773	Metabolism	Catabolism	proteasome core complex, alpha-subunit complex	C	AT1G16470
2900	2	L4 vs. M4	L4 Up	GO:0019773	Metabolism	Catabolism	proteasome core complex, alpha-subunit complex	C	AT1G79210
2901	2	L4 vs. M4	L4 Up	GO:0008541	Metabolism	Catabolism	proteasome regulatory particle, lid subcomplex	C	AT1G64520
2902	2	L4 vs. M4	L4 Up	GO:0008541	Metabolism	Catabolism	proteasome regulatory particle, lid subcomplex	C	AT5G45620
2903	2	L4 vs. M4	L4 Up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G16470
2904	2	L4 vs. M4	L4 Up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G64520
2905	2	L4 vs. M4	L4 Up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G79210
2906	2	L4 vs. M4	L4 Up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G64520
2907	2	L4 vs. M4	L4 Up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G64230
2908	2	L4 vs. M4	L4 Up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G25490
2909	2	L4 vs. M4	L4 Up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G05050
2910	2	L4 vs. M4	L4 Up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G37610
2911	2	L4 vs. M4	L4 Up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G05080
2912	2	L4 vs. M4	L4 Up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G02305
2913	2	L4 vs. M4	L4 Up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G23010
2914	2	L4 vs. M4	L4 Up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G05740
2915	2	L4 vs. M4	L4 Up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G45650
2916	2	L4 vs. M4	L4 Up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G02305
2917	2	L4 vs. M4	L4 Up	GO:0006166	Metabolism	Catabolism	purine ribonucleoside salvage	P	AT1G27450
2918	2	L4 vs. M4	L4 Up	GO:1900055	Metabolism	Catabolism	regulation of leaf senescence	P	AT3G44680
2919	2	L4 vs. M4	L4 Up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT2G25490
2920	2	L4 vs. M4	L4 Up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT2G23010
2921	2	L4 vs. M4	L4 Up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G45650
2922	2	L4 vs. M4	L4 Up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT1G16470
2923	2	L4 vs. M4	L4 Up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT1G79210
2924	2	L4 vs. M4	L4 Up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G64230
2925	2	L4 vs. M4	L4 Up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT5G05080
2926	2	L4 vs. M4	L4 Up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT4G05050
2927	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G16470
2928	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G64230
2929	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G64520
2930	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G25490
2931	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G05050
2932	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G05080
2933	2	L4 vs. M4	L4 Up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G45620
2934	2	L4 vs. M4	L4 Up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G64230
2935	2	L4 vs. M4	L4 Up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT2G25490
2936	2	L4 vs. M4	L4 Up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G05080
2937	2	L4 vs. M4	L4 Up	GO:1902609	Metabolism	Metabolism	(R)-2-hydroxy-alpha-linolenic acid biosynthetic process	P	AT2G33380
2938	2	L4 vs. M4	L4 Up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G60950
2939	2	L4 vs. M4	L4 Up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT1G50170
2940	2	L4 vs. M4	L4 Up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G43400
2941	2	L4 vs. M4	L4 Up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G25040
2942	2	L4 vs. M4	L4 Up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G11770
2943	2	L4 vs. M4	L4 Up	GO:0008839	Metabolism	Metabolism	4-hydroxy-tetrahydrodipicolinate reductase	F	AT5G52100

2944	2	L4 vs. M4	L4 Up	GO:0008409	Metabolism	Metabolism	5'-3' exonuclease activity	F	AT1G34380
2945	2	L4 vs. M4	L4 Up	GO:0008375	Metabolism	Metabolism	acetylglucosaminyltransferase activity	F	AT5G14550
2946	2	L4 vs. M4	L4 Up	GO:0017096	Metabolism	Metabolism	acetylserotonin O-methyltransferase activity	F	AT5G54160
2947	2	L4 vs. M4	L4 Up	GO:0016881	Metabolism	Metabolism	acid-amino acid ligase activity	F	AT5G13350
2948	2	L4 vs. M4	L4 Up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT4G25590
2949	2	L4 vs. M4	L4 Up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT5G52360
2950	2	L4 vs. M4	L4 Up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G01780
2951	2	L4 vs. M4	L4 Up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G01780
2952	2	L4 vs. M4	L4 Up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT4G25590
2953	2	L4 vs. M4	L4 Up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT5G52360
2954	2	L4 vs. M4	L4 Up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT4G29340
2955	2	L4 vs. M4	L4 Up	GO:0045010	Metabolism	Metabolism	actin nucleation	P	AT2G46225
2956	2	L4 vs. M4	L4 Up	GO:0003999	Metabolism	Metabolism	adenine phosphoribosyltransferase activity	F	AT1G27450
2957	2	L4 vs. M4	L4 Up	GO:0004031	Metabolism	Metabolism	aldehyde oxidase activity	F	AT1G67290
2958	2	L4 vs. M4	L4 Up	GO:0003905	Metabolism	Metabolism	alkylbase DNA N-glycosylase activity	F	AT3G12040
2959	2	L4 vs. M4	L4 Up	GO:0016597	Metabolism	Metabolism	amino acid binding	F	AT2G03730
2960	2	L4 vs. M4	L4 Up	GO:0044209	Metabolism	Metabolism	AMP salvage	P	AT1G27450
2961	2	L4 vs. M4	L4 Up	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT5G54160
2962	2	L4 vs. M4	L4 Up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G47040
2963	2	L4 vs. M4	L4 Up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G62170
2964	2	L4 vs. M4	L4 Up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07410
2965	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G62940
2966	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G64230
2967	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07560
2968	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G41970
2969	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21180
2970	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G22960
2971	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G12620
2972	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G05080
2973	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G08160
2974	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G13630
2975	2	L4 vs. M4	L4 Up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G21170
2976	2	L4 vs. M4	L4 Up	GO:0004564	Metabolism	Metabolism	beta-fructofuranosidase activity	F	AT1G35580
2977	2	L4 vs. M4	L4 Up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT3G13750
2978	2	L4 vs. M4	L4 Up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT3G52840
2979	2	L4 vs. M4	L4 Up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT4G35010
2980	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14330
2981	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14880
2982	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G16290
2983	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G48460
2984	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G52220
2985	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G62510
2986	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G67600
2987	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G69295
2988	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G79420
2989	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19000
2990	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19980
2991	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G36020
2992	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G44360
2993	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G01740
2994	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G15400
2995	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G20865
2996	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G28550
2997	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G54580
2998	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G57690
2999	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G62580

3000	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G02920
3001	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G09830
3002	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G19160
3003	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G25780
3004	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28240
3005	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30100
3006	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G33480
3007	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19580
3008	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19810
3009	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G25280
3010	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G38760
3011	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G40730
3012	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G45880
3013	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48590
3014	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G53820
3015	2	L4 vs. M4	L4 Up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G59170
3016	2	L4 vs. M4	L4 Up	GO:0047763	Metabolism	Metabolism	caffeate O-methyltransferase activity	F	AT5G54160
3017	2	L4 vs. M4	L4 Up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT3G01500
3018	2	L4 vs. M4	L4 Up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT1G35580
3019	2	L4 vs. M4	L4 Up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G02800
3020	2	L4 vs. M4	L4 Up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G39770
3021	2	L4 vs. M4	L4 Up	GO:0010215	Metabolism	Metabolism	cellulose microfibril organization	P	AT3G20580
3022	2	L4 vs. M4	L4 Up	GO:0006672	Metabolism	Metabolism	ceramide metabolic process	P	AT5G42000
3023	2	L4 vs. M4	L4 Up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT3G12500
3024	2	L4 vs. M4	L4 Up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT3G12500
3025	2	L4 vs. M4	L4 Up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G12620
3026	2	L4 vs. M4	L4 Up	GO:0009236	Metabolism	Metabolism	cobalamin biosynthetic process	P	AT1G50170
3027	2	L4 vs. M4	L4 Up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G55570
3028	2	L4 vs. M4	L4 Up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13390
3029	2	L4 vs. M4	L4 Up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13400
3030	2	L4 vs. M4	L4 Up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G25100
3031	2	L4 vs. M4	L4 Up	GO:0006241	Metabolism	Metabolism	CTP biosynthetic process	P	AT1G30820
3032	2	L4 vs. M4	L4 Up	GO:0003883	Metabolism	Metabolism	CTP synthase activity	F	AT1G30820
3033	2	L4 vs. M4	L4 Up	GO:0006207	Metabolism	Metabolism	'de novo' pyrimidine nucleobase biosynthetic process	P	AT4G22930
3034	2	L4 vs. M4	L4 Up	GO:0044205	Metabolism	Metabolism	'de novo' UMP biosynthetic process	P	AT4G22930
3035	2	L4 vs. M4	L4 Up	GO:0019877	Metabolism	Metabolism	diaminopimelate biosynthetic process	P	AT5G52100
3036	2	L4 vs. M4	L4 Up	GO:0072548	Metabolism	Metabolism	dicoumaroyl monocaffeoyl spermidine meta-hydroxylase activity	F	AT1G74540
3037	2	L4 vs. M4	L4 Up	GO:0072551	Metabolism	Metabolism	diferuloyl mono-(hydroxyferuloyl) spermidine meta-hydroxylase activity	F	AT1G74540
3038	2	L4 vs. M4	L4 Up	GO:0004149	Metabolism	Metabolism	dihydrolipoyllysine-residue succinyltransferase activity	F	AT4G26910
3039	2	L4 vs. M4	L4 Up	GO:0004151	Metabolism	Metabolism	dihydroorotase activity	F	AT4G22930
3040	2	L4 vs. M4	L4 Up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT2G34555
3041	2	L4 vs. M4	L4 Up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G55970
3042	2	L4 vs. M4	L4 Up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G32540
3043	2	L4 vs. M4	L4 Up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G34380
3044	2	L4 vs. M4	L4 Up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G79700
3045	2	L4 vs. M4	L4 Up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G25900
3046	2	L4 vs. M4	L4 Up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G12040
3047	2	L4 vs. M4	L4 Up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12040
3048	2	L4 vs. M4	L4 Up	GO:0052822	Metabolism	Metabolism	DNA-3-methylguanine glycosylase activity	F	AT3G12040
3049	2	L4 vs. M4	L4 Up	GO:0052821	Metabolism	Metabolism	DNA-7-methyladenine glycosylase activity	F	AT3G12040
3050	2	L4 vs. M4	L4 Up	GO:0043916	Metabolism	Metabolism	DNA-7-methylguanine glycosylase activity	F	AT3G12040

3051	2	L4 vs. M4	L4 Up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT4G18230
3052	2	L4 vs. M4	L4 Up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT2G21660
3053	2	L4 vs. M4	L4 Up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G47050
3054	2	L4 vs. M4	L4 Up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT3G30775
3055	2	L4 vs. M4	L4 Up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT5G38710
3056	2	L4 vs. M4	L4 Up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G11050
3057	2	L4 vs. M4	L4 Up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G56090
3058	2	L4 vs. M4	L4 Up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT5G01600
3059	2	L4 vs. M4	L4 Up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G11050
3060	2	L4 vs. M4	L4 Up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G56090
3061	2	L4 vs. M4	L4 Up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT5G01600
3062	2	L4 vs. M4	L4 Up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G55570
3063	2	L4 vs. M4	L4 Up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G11050
3064	2	L4 vs. M4	L4 Up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13390
3065	2	L4 vs. M4	L4 Up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13400
3066	2	L4 vs. M4	L4 Up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G56090
3067	2	L4 vs. M4	L4 Up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT5G01600
3068	2	L4 vs. M4	L4 Up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G49640
3069	2	L4 vs. M4	L4 Up	GO:0004328	Metabolism	Metabolism	formamidase activity	F	AT4G37550
3070	2	L4 vs. M4	L4 Up	GO:0047274	Metabolism	Metabolism	galactinol-sucrose galactosyltransferase activity	F	AT5G20250
3071	2	L4 vs. M4	L4 Up	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT3G07850
3072	2	L4 vs. M4	L4 Up	GO:0009298	Metabolism	Metabolism	GDP-mannose biosynthetic process	P	AT2G39770
3073	2	L4 vs. M4	L4 Up	GO:0102797	Metabolism	Metabolism	geranial:oxygen oxidoreductase activity	F	AT1G67290
3074	2	L4 vs. M4	L4 Up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT2G35370
3075	2	L4 vs. M4	L4 Up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT2G35370
3076	2	L4 vs. M4	L4 Up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT2G35370
3077	2	L4 vs. M4	L4 Up	GO:0033926	Metabolism	Metabolism	glycopeptide alpha-N-acetylgalactosaminidase activity	F	AT1G35580
3078	2	L4 vs. M4	L4 Up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G04170
3079	2	L4 vs. M4	L4 Up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G21880
3080	2	L4 vs. M4	L4 Up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G39770
3081	2	L4 vs. M4	L4 Up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G07880
3082	2	L4 vs. M4	L4 Up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G07890
3083	2	L4 vs. M4	L4 Up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G09550
3084	2	L4 vs. M4	L4 Up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G04170
3085	2	L4 vs. M4	L4 Up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G21880
3086	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G07890
3087	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G13150
3088	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G71695
3089	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G74540
3090	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G12190
3091	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G08250
3092	2	L4 vs. M4	L4 Up	GO:0020037	Metabolism	Metabolism	heme binding	F	ATMG01360
3093	2	L4 vs. M4	L4 Up	GO:0102798	Metabolism	Metabolism	heptaldehyde:oxygen oxidoreductase activity	F	AT1G67290
3094	2	L4 vs. M4	L4 Up	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT3G25140
3095	2	L4 vs. M4	L4 Up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G30100
3096	2	L4 vs. M4	L4 Up	GO:0016811	Metabolism	Metabolism	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	F	AT4G37550
3097	2	L4 vs. M4	L4 Up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G54030
3098	2	L4 vs. M4	L4 Up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT2G46880
3099	2	L4 vs. M4	L4 Up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G30820
3100	2	L4 vs. M4	L4 Up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G50170
3101	2	L4 vs. M4	L4 Up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G11050
3102	2	L4 vs. M4	L4 Up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G16240
3103	2	L4 vs. M4	L4 Up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G56090

3104	2	L4 vs. M4	L4 Up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G01600
3105	2	L4 vs. M4	L4 Up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G11050
3106	2	L4 vs. M4	L4 Up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G56090
3107	2	L4 vs. M4	L4 Up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT5G01600
3108	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G13150
3109	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G74540
3110	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G12190
3111	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G11050
3112	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G56090
3113	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G20870
3114	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G26260
3115	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G01600
3116	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G08250
3117	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G17170
3118	2	L4 vs. M4	L4 Up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G56640
3119	2	L4 vs. M4	L4 Up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT1G50170
3120	2	L4 vs. M4	L4 Up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G54160
3121	2	L4 vs. M4	L4 Up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G51590
3122	2	L4 vs. M4	L4 Up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G02100
3123	2	L4 vs. M4	L4 Up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G07550
3124	2	L4 vs. M4	L4 Up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT3G22960
3125	2	L4 vs. M4	L4 Up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT5G07550
3126	2	L4 vs. M4	L4 Up	GO:0030744	Metabolism	Metabolism	luteolin O-methyltransferase activity	F	AT5G54160
3127	2	L4 vs. M4	L4 Up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G02460
3128	2	L4 vs. M4	L4 Up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G60590
3129	2	L4 vs. M4	L4 Up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07830
3130	2	L4 vs. M4	L4 Up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07840
3131	2	L4 vs. M4	L4 Up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G15110
3132	2	L4 vs. M4	L4 Up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G48140
3133	2	L4 vs. M4	L4 Up	GO:0009089	Metabolism	Metabolism	lysine biosynthetic process via diaminopimelate	P	AT5G52100
3134	2	L4 vs. M4	L4 Up	GO:0016851	Metabolism	Metabolism	magnesium chelatase activity	F	AT5G13630
3135	2	L4 vs. M4	L4 Up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G22960
3136	2	L4 vs. M4	L4 Up	GO:1901982	Metabolism	Metabolism	maltose binding	F	AT5G21170
3137	2	L4 vs. M4	L4 Up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT1G72610
3138	2	L4 vs. M4	L4 Up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT5G20630
3139	2	L4 vs. M4	L4 Up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT5G26700
3140	2	L4 vs. M4	L4 Up	GO:0004475	Metabolism	Metabolism	mannose-1-phosphate guanylyltransferase activity	F	AT2G39770
3141	2	L4 vs. M4	L4 Up	GO:0030187	Metabolism	Metabolism	melatonin biosynthetic process	P	AT5G54160
3142	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G07890
3143	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G29930
3144	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G50170
3145	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G56360
3146	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G60950
3147	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G71695
3148	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G78020
3149	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G07560
3150	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G25900
3151	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G34555
3152	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G43400
3153	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G46210
3154	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G46880
3155	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G21180
3156	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G47470
3157	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55970
3158	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12620
3159	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G22930

3160	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G01530
3161	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G15110
3162	2	L4 vs. M4	L4 Up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	ATMG01360
3163	2	L4 vs. M4	L4 Up	GO:0008237	Metabolism	Metabolism	metallopeptidase activity	F	AT5G05740
3164	2	L4 vs. M4	L4 Up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G51070
3165	2	L4 vs. M4	L4 Up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G40000
3166	2	L4 vs. M4	L4 Up	GO:0051010	Metabolism	Metabolism	microtubule plus-end binding	F	AT2G20190
3167	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G13930
3168	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G14330
3169	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G14880
3170	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G16290
3171	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G48460
3172	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G52220
3173	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G62510
3174	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70900
3175	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74520
3176	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G79420
3177	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19000
3178	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19980
3179	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G36020
3180	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G44360
3181	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46540
3182	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G15400
3183	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20865
3184	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G28550
3185	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G54580
3186	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G62580
3187	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G02380
3188	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G02920
3189	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G09830
3190	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G12590
3191	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13560
3192	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24960
3193	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G25780
3194	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28240
3195	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G33480
3196	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G35770
3197	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19580
3198	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19810
3199	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25280
3200	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38760
3201	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G45880
3202	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53820
3203	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G54750
3204	2	L4 vs. M4	L4 Up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G59170
3205	2	L4 vs. M4	L4 Up	GO:0072549	Metabolism	Metabolism	monocoumaroyl dicaffeoyl spermidine meta-hydroxylase activity	F	AT1G74540
3206	2	L4 vs. M4	L4 Up	GO:0072552	Metabolism	Metabolism	monoferuloyl di-(hydroxyferuloyl) spermidine meta-hydroxylase activity	F	AT1G74540
3207	2	L4 vs. M4	L4 Up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT1G13150
3208	2	L4 vs. M4	L4 Up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT2G33380
3209	2	L4 vs. M4	L4 Up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G08250
3210	2	L4 vs. M4	L4 Up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	ATCG00490
3211	2	L4 vs. M4	L4 Up	GO:0033799	Metabolism	Metabolism	myricetin 3'-O-methyltransferase activity	F	AT5G54160
3212	2	L4 vs. M4	L4 Up	GO:0004577	Metabolism	Metabolism	N-acetylglucosaminyldiphosphodolichol N-acetylglucosaminyltransferase activity	F	AT4G18230

3213	2	L4 vs. M4	L4 Up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G21170
3214	2	L4 vs. M4	L4 Up	GO:0017196	Metabolism	Metabolism	N-terminal peptidyl-methionine acetylation	P	AT1G03150
3215	2	L4 vs. M4	L4 Up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT1G72610
3216	2	L4 vs. M4	L4 Up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G20630
3217	2	L4 vs. M4	L4 Up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G26700
3218	2	L4 vs. M4	L4 Up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT5G54160
3219	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G07890
3220	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G13150
3221	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55570
3222	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G67290
3223	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G71695
3224	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G74540
3225	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G12190
3226	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G33380
3227	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G34555
3228	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G46210
3229	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G11050
3230	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13390
3231	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13400
3232	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G30775
3233	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G49640
3234	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55970
3235	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G56090
3236	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G20870
3237	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25100
3238	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G26260
3239	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G35420
3240	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G01600
3241	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G02540
3242	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G08250
3243	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G16970
3244	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G38710
3245	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G52100
3246	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G56640
3247	2	L4 vs. M4	L4 Up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG00490
3248	2	L4 vs. M4	L4 Up	GO:0031407	Metabolism	Metabolism	oxylipin metabolic process	P	AT2G33380
3249	2	L4 vs. M4	L4 Up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G15110
3250	2	L4 vs. M4	L4 Up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G25140
3251	2	L4 vs. M4	L4 Up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G47040
3252	2	L4 vs. M4	L4 Up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G62170
3253	2	L4 vs. M4	L4 Up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT4G02250
3254	2	L4 vs. M4	L4 Up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07410
3255	2	L4 vs. M4	L4 Up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G47040
3256	2	L4 vs. M4	L4 Up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G62170
3257	2	L4 vs. M4	L4 Up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT4G02250
3258	2	L4 vs. M4	L4 Up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G02460
3259	2	L4 vs. M4	L4 Up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G60590
3260	2	L4 vs. M4	L4 Up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07830
3261	2	L4 vs. M4	L4 Up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07840
3262	2	L4 vs. M4	L4 Up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07850
3263	2	L4 vs. M4	L4 Up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT5G48140
3264	2	L4 vs. M4	L4 Up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G25140
3265	2	L4 vs. M4	L4 Up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT1G69295
3266	2	L4 vs. M4	L4 Up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G08000
3267	2	L4 vs. M4	L4 Up	GO:0030955	Metabolism	Metabolism	potassium ion binding	F	AT3G22960

3268	2	L4 vs. M4	L4 Up	GO:0004657	Metabolism	Metabolism	proline dehydrogenase activity	F	AT3G30775
3269	2	L4 vs. M4	L4 Up	GO:0004657	Metabolism	Metabolism	proline dehydrogenase activity	F	AT5G38710
3270	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07890
3271	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G27970
3272	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28270
3273	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G35580
3274	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G49010
3275	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G62940
3276	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64520
3277	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G78020
3278	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G07560
3279	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G18160
3280	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G21660
3281	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G25490
3282	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38310
3283	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G39770
3284	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G42940
3285	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46225
3286	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G47040
3287	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G07880
3288	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G44680
3289	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12620
3290	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20870
3291	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25100
3292	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35420
3293	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G02100
3294	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13630
3295	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G15200
3296	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G21170
3297	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G23660
3298	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G39850
3299	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42000
3300	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G50800
3301	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G53190
3302	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G55990
3303	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G63190
3304	2	L4 vs. M4	L4 Up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00490
3305	2	L4 vs. M4	L4 Up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT2G07560
3306	2	L4 vs. M4	L4 Up	GO:0019856	Metabolism	Metabolism	pyrimidine nucleobase biosynthetic process	P	AT1G30820
3307	2	L4 vs. M4	L4 Up	GO:0006221	Metabolism	Metabolism	pyrimidine nucleotide biosynthetic process	P	AT4G22930
3308	2	L4 vs. M4	L4 Up	GO:0102822	Metabolism	Metabolism	quercetin 3'-O-methyltransferase activity	F	AT5G54160
3309	2	L4 vs. M4	L4 Up	GO:0030755	Metabolism	Metabolism	quercetin 3-O-methyltransferase activity	F	AT5G54160
3310	2	L4 vs. M4	L4 Up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT5G11770
3311	2	L4 vs. M4	L4 Up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G54160
3312	2	L4 vs. M4	L4 Up	GO:0019748	Metabolism	Metabolism	secondary metabolic process	P	AT2G23010
3313	2	L4 vs. M4	L4 Up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT4G29340
3314	2	L4 vs. M4	L4 Up	GO:0047158	Metabolism	Metabolism	sinapoylglucose-sinapoylglucose O-sinapoyltransferase activity	F	AT2G23010
3315	2	L4 vs. M4	L4 Up	GO:0019354	Metabolism	Metabolism	siroheme biosynthetic process	P	AT1G50170
3316	2	L4 vs. M4	L4 Up	GO:0016852	Metabolism	Metabolism	sirohydrochlorin cobaltochelatase activity	F	AT1G50170
3317	2	L4 vs. M4	L4 Up	GO:0051266	Metabolism	Metabolism	sirohydrochlorin ferrochelatase activity	F	AT1G50170
3318	2	L4 vs. M4	L4 Up	GO:0080088	Metabolism	Metabolism	spermidine hydroxycinnamate conjugate biosynthetic process	P	AT1G74540
3319	2	L4 vs. M4	L4 Up	GO:0008216	Metabolism	Metabolism	spermidine metabolic process	P	AT1G74540
3320	2	L4 vs. M4	L4 Up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT2G46210

3321	2	L4 vs. M4	L4 Up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT5G42000
3322	2	L4 vs. M4	L4 Up	GO:0052631	Metabolism	Metabolism	sphingolipid delta-8 desaturase activity	F	AT2G46210
3323	2	L4 vs. M4	L4 Up	GO:0080110	Metabolism	Metabolism	sporopollenin biosynthetic process	P	AT1G62940
3324	2	L4 vs. M4	L4 Up	GO:0080110	Metabolism	Metabolism	sporopollenin biosynthetic process	P	AT4G35420
3325	2	L4 vs. M4	L4 Up	GO:0035339	Metabolism	Metabolism	SPOTS complex	C	AT5G42000
3326	2	L4 vs. M4	L4 Up	GO:0004575	Metabolism	Metabolism	sucrose alpha-glucosidase activity	F	AT1G35580
3327	2	L4 vs. M4	L4 Up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT5G48590
3328	2	L4 vs. M4	L4 Up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G60140
3329	2	L4 vs. M4	L4 Up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G25140
3330	2	L4 vs. M4	L4 Up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G14550
3331	2	L4 vs. M4	L4 Up	GO:0072532	Metabolism	Metabolism	tri-(feruloyl or hydroxyferuloyl) spermidine meta-hydroxylase activity	F	AT1G74540
3332	2	L4 vs. M4	L4 Up	GO:0072547	Metabolism	Metabolism	tricoumaroylspermidine meta-hydroxylase activity	F	AT1G74540
3333	2	L4 vs. M4	L4 Up	GO:0072550	Metabolism	Metabolism	triferuloylspermidine meta-hydroxylase activity	F	AT1G74540
3334	2	L4 vs. M4	L4 Up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G01500
3335	2	L4 vs. M4	L4 Up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G26910
3336	2	L4 vs. M4	L4 Up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G37610
3337	2	L4 vs. M4	L4 Up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G04180
3338	2	L4 vs. M4	L4 Up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G11770
3339	2	L4 vs. M4	L4 Up	GO:0015977	Metabolism	Photosynthesis	carbon fixation	P	ATCG00490
3340	2	L4 vs. M4	L4 Up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G29930
3341	2	L4 vs. M4	L4 Up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT2G34430
3342	2	L4 vs. M4	L4 Up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT3G47470
3343	2	L4 vs. M4	L4 Up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT5G01530
3344	2	L4 vs. M4	L4 Up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT5G13630
3345	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G07890
3346	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G13930
3347	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16470
3348	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27450
3349	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29930
3350	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G35580
3351	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50170
3352	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G52220
3353	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54030
3354	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G60950
3355	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G62940
3356	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67600
3357	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G79210
3358	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80920
3359	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01110
3360	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G03730
3361	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20670
3362	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G21660
3363	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G25830
3364	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G34430
3365	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38330
3366	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G43400
3367	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G46880
3368	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47050
3369	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01500
3370	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11050
3371	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15400
3372	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15450
3373	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22960
3374	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G47470
3375	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G49640

3376	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56090
3377	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G62580
3378	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02380
3379	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G05180
3380	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G10000
3381	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G19160
3382	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G22930
3383	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25100
3384	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G33480
3385	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G35770
3386	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36040
3387	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G37550
3388	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01530
3389	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01600
3390	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G02100
3391	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05740
3392	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G07550
3393	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13630
3394	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14040
3395	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15200
3396	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G17170
3397	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G20250
3398	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G21170
3399	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39850
3400	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G49070
3401	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G52100
3402	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53820
3403	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65685
3404	2	L4 vs. M4	L4 Up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00490
3405	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G13930
3406	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G29930
3407	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G48460
3408	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G64520
3409	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G34430
3410	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G01500
3411	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G16240
3412	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G47470
3413	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G56090
3414	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G25100
3415	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G01530
3416	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G17170
3417	2	L4 vs. M4	L4 Up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00490
3418	2	L4 vs. M4	L4 Up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G13630
3419	2	L4 vs. M4	L4 Up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT2G33380
3420	2	L4 vs. M4	L4 Up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT2G38330
3421	2	L4 vs. M4	L4 Up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G25100
3422	2	L4 vs. M4	L4 Up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G05740
3423	2	L4 vs. M4	L4 Up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT4G25100
3424	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G07890
3425	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G13930
3426	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G27450
3427	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G60950
3428	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G80920
3429	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G01500
3430	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G22960
3431	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G56090

3432	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G05180
3433	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G25100
3434	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G36040
3435	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G01600
3436	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04180
3437	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G13630
3438	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G52100
3439	2	L4 vs. M4	L4 Up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00490
3440	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G29930
3441	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G34430
3442	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G47470
3443	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G04330
3444	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G05180
3445	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G01530
3446	2	L4 vs. M4	L4 Up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G17170
3447	2	L4 vs. M4	L4 Up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G05180
3448	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G29930
3449	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G52220
3450	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G01110
3451	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G34430
3452	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45180
3453	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G01500
3454	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G47470
3455	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G05180
3456	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G01530
3457	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G01600
3458	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G05740
3459	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G17170
3460	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00490
3461	2	L4 vs. M4	L4 Up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00700
3462	2	L4 vs. M4	L4 Up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	AT4G05180
3463	2	L4 vs. M4	L4 Up	GO:0031361	Metabolism	Photosynthesis	integral component of thylakoid membrane	C	AT2G01110
3464	2	L4 vs. M4	L4 Up	GO:0010007	Metabolism	Photosynthesis	magnesium chelatase complex	C	AT5G13630
3465	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT2G34430
3466	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G01500
3467	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G11050
3468	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G56090
3469	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G01600
3470	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G13630
3471	2	L4 vs. M4	L4 Up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG00700
3472	2	L4 vs. M4	L4 Up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G29930
3473	2	L4 vs. M4	L4 Up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT2G34430
3474	2	L4 vs. M4	L4 Up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT3G47470
3475	2	L4 vs. M4	L4 Up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT5G01530
3476	2	L4 vs. M4	L4 Up	GO:0009769	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem II	P	AT2G34430
3477	2	L4 vs. M4	L4 Up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	AT5G52100
3478	2	L4 vs. M4	L4 Up	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT1G60950
3479	2	L4 vs. M4	L4 Up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT1G60950
3480	2	L4 vs. M4	L4 Up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G05180
3481	2	L4 vs. M4	L4 Up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G29930
3482	2	L4 vs. M4	L4 Up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT2G34430
3483	2	L4 vs. M4	L4 Up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G47470
3484	2	L4 vs. M4	L4 Up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT5G01530
3485	2	L4 vs. M4	L4 Up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G29930

3486	2	L4 vs. M4	L4 Up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT2G34430
3487	2	L4 vs. M4	L4 Up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT5G01530
3488	2	L4 vs. M4	L4 Up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT4G05180
3489	2	L4 vs. M4	L4 Up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00700
3490	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G48460
3491	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G36040
3492	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13630
3493	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15200
3494	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16970
3495	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G17170
3496	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G20630
3497	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G39850
3498	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54160
3499	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54750
3500	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55990
3501	2	L4 vs. M4	L4 Up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00490
3502	2	L4 vs. M4	L4 Up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G29930
3503	2	L4 vs. M4	L4 Up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G34430
3504	2	L4 vs. M4	L4 Up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G47470
3505	2	L4 vs. M4	L4 Up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT5G01530
3506	2	L4 vs. M4	L4 Up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00490
3507	2	L4 vs. M4	L4 Up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G29930
3508	2	L4 vs. M4	L4 Up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT2G34430
3509	2	L4 vs. M4	L4 Up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT3G47470
3510	2	L4 vs. M4	L4 Up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT5G01530
3511	2	L4 vs. M4	L4 Up	GO:0031540	Metabolism	Photosynthesis	regulation of anthocyanin biosynthetic process	P	AT1G64520
3512	2	L4 vs. M4	L4 Up	GO:0016984	Metabolism	Photosynthesis	ribulose-bisphosphate carboxylase activity	F	ATCG00490
3513	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G29930
3514	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G34430
3515	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G35370
3516	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G01500
3517	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G47470
3518	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G05180
3519	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G25100
3520	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G35770
3521	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G01530
3522	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G01600
3523	2	L4 vs. M4	L4 Up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00490
3524	2	L4 vs. M4	L4 Up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G05180
3525	2	L4 vs. M4	L4 Up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT2G34430
3526	2	L4 vs. M4	L4 Up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G01110
3527	2	L4 vs. M4	L4 Up	GO:0015172	Metabolism	Transporters	acidic amino acid transmembrane transporter activity	F	AT1G24400
3528	2	L4 vs. M4	L4 Up	GO:0046715	Metabolism	Transporters	active borate transmembrane transporter activity	F	AT3G06100
3529	2	L4 vs. M4	L4 Up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G24400
3530	2	L4 vs. M4	L4 Up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G21050
3531	2	L4 vs. M4	L4 Up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G24400
3532	2	L4 vs. M4	L4 Up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G21050
3533	2	L4 vs. M4	L4 Up	GO:0008519	Metabolism	Transporters	ammonium transmembrane transporter activity	F	AT3G16240
3534	2	L4 vs. M4	L4 Up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT2G38330
3535	2	L4 vs. M4	L4 Up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT3G08040
3536	2	L4 vs. M4	L4 Up	GO:0035445	Metabolism	Transporters	borate transmembrane transport	P	AT3G06100
3537	2	L4 vs. M4	L4 Up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G21180
3538	2	L4 vs. M4	L4 Up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G21180
3539	2	L4 vs. M4	L4 Up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G23660

3540	2	L4 vs. M4	L4 Up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G50800
3541	2	L4 vs. M4	L4 Up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G53190
3542	2	L4 vs. M4	L4 Up	GO:1905039	Metabolism	Transporters	carboxylic acid transmembrane transport	P	AT5G50800
3543	2	L4 vs. M4	L4 Up	GO:0015267	Metabolism	Transporters	channel activity	F	AT3G06100
3544	2	L4 vs. M4	L4 Up	GO:0015137	Metabolism	Transporters	citrate transmembrane transporter activity	F	AT3G08040
3545	2	L4 vs. M4	L4 Up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G11890
3546	2	L4 vs. M4	L4 Up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G15880
3547	2	L4 vs. M4	L4 Up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT5G02280
3548	2	L4 vs. M4	L4 Up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G25140
3549	2	L4 vs. M4	L4 Up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G51070
3550	2	L4 vs. M4	L4 Up	GO:0012507	Metabolism	Transporters	ER to Golgi transport vesicle membrane	C	AT1G11890
3551	2	L4 vs. M4	L4 Up	GO:0048193	Metabolism	Transporters	Golgi vesicle transport	P	AT5G54750
3552	2	L4 vs. M4	L4 Up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT5G14040
3553	2	L4 vs. M4	L4 Up	GO:0065002	Metabolism	Transporters	intracellular protein transmembrane transport	P	AT2G01110
3554	2	L4 vs. M4	L4 Up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G54030
3555	2	L4 vs. M4	L4 Up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT2G21880
3556	2	L4 vs. M4	L4 Up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G07890
3557	2	L4 vs. M4	L4 Up	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G15880
3558	2	L4 vs. M4	L4 Up	GO:0005381	Metabolism	Transporters	iron ion transmembrane transporter activity	F	AT3G08040
3559	2	L4 vs. M4	L4 Up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G55570
3560	2	L4 vs. M4	L4 Up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G11050
3561	2	L4 vs. M4	L4 Up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13390
3562	2	L4 vs. M4	L4 Up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13400
3563	2	L4 vs. M4	L4 Up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G56090
3564	2	L4 vs. M4	L4 Up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT5G01600
3565	2	L4 vs. M4	L4 Up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT1G66850
3566	2	L4 vs. M4	L4 Up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G51590
3567	2	L4 vs. M4	L4 Up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G02100
3568	2	L4 vs. M4	L4 Up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G50800
3569	2	L4 vs. M4	L4 Up	GO:0046873	Metabolism	Transporters	metal ion transmembrane transporter activity	F	AT3G08040
3570	2	L4 vs. M4	L4 Up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT3G08040
3571	2	L4 vs. M4	L4 Up	GO:0015200	Metabolism	Transporters	methylammonium transmembrane transporter activity	F	AT3G16240
3572	2	L4 vs. M4	L4 Up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT1G24400
3573	2	L4 vs. M4	L4 Up	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT1G24400
3574	2	L4 vs. M4	L4 Up	GO:0044613	Metabolism	Transporters	nuclear pore central transport channel	C	AT1G27970
3575	2	L4 vs. M4	L4 Up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT1G27970
3576	2	L4 vs. M4	L4 Up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G59740
3577	2	L4 vs. M4	L4 Up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G59740
3578	2	L4 vs. M4	L4 Up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G59740
3579	2	L4 vs. M4	L4 Up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT5G14040
3580	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G07890
3581	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G28270
3582	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G54030
3583	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69295
3584	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G71695
3585	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G20190
3586	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G21660
3587	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39460
3588	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G46880
3589	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G13750

3590	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16240
3591	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G30100
3592	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G08000
3593	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G15200
3594	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G20250
3595	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G26700
3596	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G39850
3597	2	L4 vs. M4	L4 Up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G54160
3598	2	L4 vs. M4	L4 Up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT5G26700
3599	2	L4 vs. M4	L4 Up	GO:0032527	Metabolism	Transporters	protein exit from endoplasmic reticulum	P	AT1G54030
3600	2	L4 vs. M4	L4 Up	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT1G27970
3601	2	L4 vs. M4	L4 Up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G11890
3602	2	L4 vs. M4	L4 Up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G15880
3603	2	L4 vs. M4	L4 Up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G09550
3604	2	L4 vs. M4	L4 Up	GO:0043953	Metabolism	Transporters	protein transport by the Tat complex	P	AT2G01110
3605	2	L4 vs. M4	L4 Up	GO:0009977	Metabolism	Transporters	proton motive force dependent protein transmembrane transporter activity	F	AT2G01110
3606	2	L4 vs. M4	L4 Up	GO:0048209	Metabolism	Transporters	regulation of vesicle targeting, to, from or within Golgi	P	AT1G15880
3607	2	L4 vs. M4	L4 Up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G12500
3608	2	L4 vs. M4	L4 Up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G52840
3609	2	L4 vs. M4	L4 Up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G20630
3610	2	L4 vs. M4	L4 Up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G11890
3611	2	L4 vs. M4	L4 Up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G15880
3612	2	L4 vs. M4	L4 Up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G15880
3613	2	L4 vs. M4	L4 Up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G11890
3614	2	L4 vs. M4	L4 Up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G15880
3615	2	L4 vs. M4	L4 Up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT5G23660
3616	2	L4 vs. M4	L4 Up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT5G50800
3617	2	L4 vs. M4	L4 Up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT5G23660
3618	2	L4 vs. M4	L4 Up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT5G50800
3619	2	L4 vs. M4	L4 Up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G23660
3620	2	L4 vs. M4	L4 Up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G50800
3621	2	L4 vs. M4	L4 Up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G53190
3622	2	L4 vs. M4	L4 Up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G24400
3623	2	L4 vs. M4	L4 Up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT2G21050
3624	2	L4 vs. M4	L4 Up	GO:0033281	Metabolism	Transporters	TAT protein transport complex	C	AT2G01110
3625	2	L4 vs. M4	L4 Up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G25140
3626	2	L4 vs. M4	L4 Up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G51070
3627	2	L4 vs. M4	L4 Up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G38330
3628	2	L4 vs. M4	L4 Up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G16240
3629	2	L4 vs. M4	L4 Up	GO:0030008	Metabolism	Transporters	TRAPP complex	C	AT5G02280
3630	2	L4 vs. M4	L4 Up	GO:0030008	Metabolism	Transporters	TRAPP complex	C	AT5G54750
3631	2	L4 vs. M4	L4 Up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT3G16240
3632	2	L4 vs. M4	L4 Up	GO:0015840	Metabolism	Transporters	urea transport	P	AT3G16240
3633	2	L4 vs. M4	L4 Up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G09550
3634	2	L4 vs. M4	L4 Up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G06100
3635	2	L4 vs. M4	L4 Up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G16240
3636	2	L4 vs. M4	L4 Up	GO:0006833	Metabolism	Transporters	water transport	P	AT3G16240
3637	2	L4 vs. M4	L4 Up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT2G38330
3638	2	L4 vs. M4	L4 Up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT3G08040
3639	2	L4 vs. M4	L4 Up	GO:0061077	Regulation	Protein modification	chaperone-mediated protein folding	P	AT4G04330
3640	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G11890
3641	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G54030
3642	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G62940
3643	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G78020

3644	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33380
3645	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34430
3646	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35370
3647	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G46210
3648	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G26935
3649	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G62580
3650	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G12590
3651	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G20870
3652	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G35420
3653	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G02100
3654	2	L4 vs. M4	L4 Up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G42000
3655	2	L4 vs. M4	L4 Up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G11890
3656	2	L4 vs. M4	L4 Up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G46210
3657	2	L4 vs. M4	L4 Up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G51070
3658	2	L4 vs. M4	L4 Up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G20870
3659	2	L4 vs. M4	L4 Up	GO:0072546	Regulation	Protein modification	ER membrane protein complex	C	AT4G12590
3660	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G07890
3661	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G11890
3662	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G15880
3663	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27450
3664	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G78300
3665	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39460
3666	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16240
3667	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G25140
3668	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G26935
3669	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G02100
3670	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G02280
3671	2	L4 vs. M4	L4 Up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G54750
3672	2	L4 vs. M4	L4 Up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G11890
3673	2	L4 vs. M4	L4 Up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G15880
3674	2	L4 vs. M4	L4 Up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G47040
3675	2	L4 vs. M4	L4 Up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G25140
3676	2	L4 vs. M4	L4 Up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G51070
3677	2	L4 vs. M4	L4 Up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G54160
3678	2	L4 vs. M4	L4 Up	GO:0031416	Regulation	Protein modification	NatB complex	C	AT1G03150
3679	2	L4 vs. M4	L4 Up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G21170
3680	2	L4 vs. M4	L4 Up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT4G05180
3681	2	L4 vs. M4	L4 Up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT5G20630
3682	2	L4 vs. M4	L4 Up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	ATCG00490
3683	2	L4 vs. M4	L4 Up	GO:0018230	Regulation	Protein modification	peptidyl-L-cysteine S-palmitoylation	P	AT3G26935
3684	2	L4 vs. M4	L4 Up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G54160
3685	2	L4 vs. M4	L4 Up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT1G78300
3686	2	L4 vs. M4	L4 Up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT1G04950
3687	2	L4 vs. M4	L4 Up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G18160
3688	2	L4 vs. M4	L4 Up	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT5G23660
3689	2	L4 vs. M4	L4 Up	GO:0050821	Regulation	Protein modification	protein stabilization	P	AT2G20190
3690	2	L4 vs. M4	L4 Up	GO:0031386	Regulation	Protein modification	protein tag	F	AT4G05050
3691	2	L4 vs. M4	L4 Up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT3G26935
3692	2	L4 vs. M4	L4 Up	GO:0019706	Regulation	Protein modification	protein-cysteine S-palmitoyltransferase activity	F	AT3G26935
3693	2	L4 vs. M4	L4 Up	GO:0050790	Regulation	Protein modification	regulation of catalytic activity	P	AT1G02305
3694	2	L4 vs. M4	L4 Up	GO:0043541	Regulation	Protein modification	UDP-N-acetylglucosamine transferase complex	C	AT4G18230
3695	2	L4 vs. M4	L4 Up	GO:0004596	Regulation	Protein modification	peptide alpha-N-acetyltransferase activity	F	AT1G03150
3696	2	L4 vs. M4	L4 Up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G47050
3697	2	L4 vs. M4	L4 Up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT4G02250
3698	2	L4 vs. M4	L4 Up	GO:1900060	Regulation	Regulation	negative regulation of ceramide biosynthetic process	P	AT5G42000

3699	2	L4 vs. M4	L4 Up	GO:0007026	Regulation	Regulation	negative regulation of microtubule depolymerization	P	AT2G20190
3700	2	L4 vs. M4	L4 Up	GO:2000122	Regulation	Regulation	negative regulation of stomatal complex development	P	AT3G01500
3701	2	L4 vs. M4	L4 Up	GO:1901959	Regulation	Regulation	positive regulation of cutin biosynthetic process	P	AT1G79700
3702	2	L4 vs. M4	L4 Up	GO:1904278	Regulation	Regulation	positive regulation of wax biosynthetic process	P	AT1G79700
3703	2	L4 vs. M4	L4 Up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G28270
3704	2	L4 vs. M4	L4 Up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT2G42940
3705	2	L4 vs. M4	L4 Up	GO:0031490	Regulation	Transcription	chromatin DNA binding	F	AT2G42940
3706	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G26610
3707	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G34310
3708	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G49010
3709	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G61110
3710	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G68200
3711	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G79700
3712	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G18160
3713	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G25900
3714	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42940
3715	2	L4 vs. M4	L4 Up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G02840
3716	2	L4 vs. M4	L4 Up	GO:0000981	Regulation	Transcription	DNA-binding transcription factor activity, RNA polymerase II-specific	F	AT1G79700
3717	2	L4 vs. M4	L4 Up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT5G59180
3718	2	L4 vs. M4	L4 Up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT4G37610
3719	2	L4 vs. M4	L4 Up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G12620
3720	2	L4 vs. M4	L4 Up	GO:0004407	Regulation	Transcription	histone deacetylase activity	F	AT3G44680
3721	2	L4 vs. M4	L4 Up	GO:0000118	Regulation	Transcription	histone deacetylase complex	C	AT3G44680
3722	2	L4 vs. M4	L4 Up	GO:0070932	Regulation	Transcription	histone H3 deacetylation	P	AT3G44680
3723	2	L4 vs. M4	L4 Up	GO:1990619	Regulation	Transcription	histone H3-K9 deacetylation	P	AT3G44680
3724	2	L4 vs. M4	L4 Up	GO:0070933	Regulation	Transcription	histone H4 deacetylation	P	AT3G44680
3725	2	L4 vs. M4	L4 Up	GO:0048027	Regulation	Transcription	mRNA 5'-UTR binding	F	AT3G52580
3726	2	L4 vs. M4	L4 Up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G54080
3727	2	L4 vs. M4	L4 Up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT2G21660
3728	2	L4 vs. M4	L4 Up	GO:0032041	Regulation	Transcription	NAD-dependent histone deacetylase activity (H3-K14 specific)	F	AT3G44680
3729	2	L4 vs. M4	L4 Up	GO:0035067	Regulation	Transcription	negative regulation of histone acetylation	P	AT2G42940
3730	2	L4 vs. M4	L4 Up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G63190
3731	2	L4 vs. M4	L4 Up	GO:0010529	Regulation	Transcription	negative regulation of transposition	P	AT2G42940
3732	2	L4 vs. M4	L4 Up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G39460
3733	2	L4 vs. M4	L4 Up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G15200
3734	2	L4 vs. M4	L4 Up	GO:0000932	Regulation	Transcription	P-body	C	AT3G48050
3735	2	L4 vs. M4	L4 Up	GO:0000932	Regulation	Transcription	P-body	C	AT5G59180
3736	2	L4 vs. M4	L4 Up	GO:0010628	Regulation	Transcription	positive regulation of gene expression	P	AT1G61110
3737	2	L4 vs. M4	L4 Up	GO:1900111	Regulation	Transcription	positive regulation of histone H3-K9 dimethylation	P	AT2G42940
3738	2	L4 vs. M4	L4 Up	GO:0060213	Regulation	Transcription	positive regulation of nuclear-transcribed mRNA poly(A) tail shortening	P	AT5G59180
3739	2	L4 vs. M4	L4 Up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G44680
3740	2	L4 vs. M4	L4 Up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G18160
3741	2	L4 vs. M4	L4 Up	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT1G04950
3742	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G26610
3743	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G34310
3744	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G61110
3745	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G68200
3746	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G79700
3747	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G25900
3748	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G12620
3749	2	L4 vs. M4	L4 Up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37610

3750	2	L4 vs. M4	L4 Up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G21660
3751	2	L4 vs. M4	L4 Up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G25900
3752	2	L4 vs. M4	L4 Up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G30100
3753	2	L4 vs. M4	L4 Up	GO:0051123	Regulation	Transcription	RNA polymerase II preinitiation complex assembly	P	AT1G04950
3754	2	L4 vs. M4	L4 Up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT5G59180
3755	2	L4 vs. M4	L4 Up	GO:0000124	Regulation	Transcription	SAGA complex	C	AT1G04950
3756	2	L4 vs. M4	L4 Up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G61110
3757	2	L4 vs. M4	L4 Up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G79700
3758	2	L4 vs. M4	L4 Up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G18160
3759	2	L4 vs. M4	L4 Up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G44680
3760	2	L4 vs. M4	L4 Up	GO:0046695	Regulation	Transcription	SLIK (SAGA-like) complex	C	AT1G04950
3761	2	L4 vs. M4	L4 Up	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT1G04950
3762	2	L4 vs. M4	L4 Up	GO:0003712	Regulation	Transcription	transcription coregulator activity	F	AT4G37610
3763	2	L4 vs. M4	L4 Up	GO:0005669	Regulation	Transcription	transcription factor TFIID complex	C	AT1G04950
3764	2	L4 vs. M4	L4 Up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT5G59180
3765	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G01780
3766	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G26610
3767	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G34310
3768	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G49010
3769	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G68200
3770	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G18160
3771	2	L4 vs. M4	L4 Up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G02840
3772	2	L4 vs. M4	L4 Up	GO:0000976	Regulation	Transcription	transcription regulatory region sequence-specific DNA binding	F	AT1G79700
3773	2	L4 vs. M4	L4 Up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G04170
3774	2	L4 vs. M4	L4 Up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G49500
3775	2	L4 vs. M4	L4 Up	GO:0000380	Regulation	Translation	alternative mRNA splicing, via spliceosome	P	AT2G21660
3776	2	L4 vs. M4	L4 Up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G39460
3777	2	L4 vs. M4	L4 Up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G63190
3778	2	L4 vs. M4	L4 Up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G16470
3779	2	L4 vs. M4	L4 Up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G39460
3780	2	L4 vs. M4	L4 Up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G15200
3781	2	L4 vs. M4	L4 Up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G55990
3782	2	L4 vs. M4	L4 Up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	ATCG00490
3783	2	L4 vs. M4	L4 Up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G52580
3784	2	L4 vs. M4	L4 Up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G15200
3785	2	L4 vs. M4	L4 Up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G39850
3786	2	L4 vs. M4	L4 Up	GO:0005850	Regulation	Translation	eukaryotic translation initiation factor 2 complex	C	AT1G04170
3787	2	L4 vs. M4	L4 Up	GO:0001731	Regulation	Translation	formation of translation preinitiation complex	P	AT1G04170
3788	2	L4 vs. M4	L4 Up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT2G39460
3789	2	L4 vs. M4	L4 Up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G52580
3790	2	L4 vs. M4	L4 Up	GO:0035278	Regulation	Translation	miRNA mediated inhibition of translation	P	AT3G48050
3791	2	L4 vs. M4	L4 Up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT3G01740
3792	2	L4 vs. M4	L4 Up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G54080
3793	2	L4 vs. M4	L4 Up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G21660
3794	2	L4 vs. M4	L4 Up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G04800
3795	2	L4 vs. M4	L4 Up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G15200
3796	2	L4 vs. M4	L4 Up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G20250
3797	2	L4 vs. M4	L4 Up	GO:0006406	Regulation	Translation	mRNA export from nucleus	P	AT2G21660
3798	2	L4 vs. M4	L4 Up	GO:0000291	Regulation	Translation	nuclear-transcribed mRNA catabolic process, exonucleolytic	P	AT5G59180
3799	2	L4 vs. M4	L4 Up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT1G04170
3800	2	L4 vs. M4	L4 Up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT5G15200
3801	2	L4 vs. M4	L4 Up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT5G39850

3802	2	L4 vs. M4	L4 Up	GO:0045948	Regulation	Translation	positive regulation of translational initiation	P	AT5G59180
3803	2	L4 vs. M4	L4 Up	GO:0006417	Regulation	Translation	regulation of translation	P	AT5G63190
3804	2	L4 vs. M4	L4 Up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT2G21660
3805	2	L4 vs. M4	L4 Up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G39460
3806	2	L4 vs. M4	L4 Up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G52580
3807	2	L4 vs. M4	L4 Up	GO:0005840	Regulation	Translation	ribosome	C	AT5G04800
3808	2	L4 vs. M4	L4 Up	GO:0043022	Regulation	Translation	ribosome binding	F	AT5G63190
3809	2	L4 vs. M4	L4 Up	GO:0010501	Regulation	Translation	RNA secondary structure unwinding	P	AT2G21660
3810	2	L4 vs. M4	L4 Up	GO:0019843	Regulation	Translation	rRNA binding	F	AT2G39460
3811	2	L4 vs. M4	L4 Up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G15200
3812	2	L4 vs. M4	L4 Up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G39850
3813	2	L4 vs. M4	L4 Up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT2G25900
3814	2	L4 vs. M4	L4 Up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT5G59180
3815	2	L4 vs. M4	L4 Up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT3G52580
3816	2	L4 vs. M4	L4 Up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G39460
3817	2	L4 vs. M4	L4 Up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G01740
3818	2	L4 vs. M4	L4 Up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G52580
3819	2	L4 vs. M4	L4 Up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G04800
3820	2	L4 vs. M4	L4 Up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G15200
3821	2	L4 vs. M4	L4 Up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G39850
3822	2	L4 vs. M4	L4 Up	GO:0006412	Regulation	Translation	translation	P	AT2G39460
3823	2	L4 vs. M4	L4 Up	GO:0006412	Regulation	Translation	translation	P	AT3G52580
3824	2	L4 vs. M4	L4 Up	GO:0006412	Regulation	Translation	translation	P	AT5G04800
3825	2	L4 vs. M4	L4 Up	GO:0006412	Regulation	Translation	translation	P	AT5G15200
3826	2	L4 vs. M4	L4 Up	GO:0006412	Regulation	Translation	translation	P	AT5G39850
3827	2	L4 vs. M4	L4 Up	GO:0031369	Regulation	Translation	translation initiation factor binding	F	AT5G59180
3828	2	L4 vs. M4	L4 Up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G49500
3829	2	L4 vs. M4	L4 Up	GO:0000049	Regulation	Translation	tRNA binding	F	AT1G04170
3830	2	L4 vs. M4	L4 Up	GO:0017150	Regulation	Translation	tRNA dihydrouridine synthase activity	F	AT3G49640
3831	2	L4 vs. M4	L4 Up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT1G56360
3832	2	L4 vs. M4	L4 Up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT2G46880
3833	2	L4 vs. M4	L4 Up	GO:0090630	Signaling and response	Signaling	activation of GTPase activity	P	AT3G07890
3834	2	L4 vs. M4	L4 Up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G34310
3835	2	L4 vs. M4	L4 Up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT2G21050
3836	2	L4 vs. M4	L4 Up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G78300
3837	2	L4 vs. M4	L4 Up	GO:0052634	Signaling and response	Signaling	C-19 gibberellin 2-beta-dioxygenase activity	F	AT2G34555
3838	2	L4 vs. M4	L4 Up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G33380
3839	2	L4 vs. M4	L4 Up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G05180
3840	2	L4 vs. M4	L4 Up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G55990
3841	2	L4 vs. M4	L4 Up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT1G28270
3842	2	L4 vs. M4	L4 Up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT5G55990
3843	2	L4 vs. M4	L4 Up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G21180
3844	2	L4 vs. M4	L4 Up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT4G37610
3845	2	L4 vs. M4	L4 Up	GO:0007267	Signaling and response	Signaling	cell-cell signaling	P	AT1G28270
3846	2	L4 vs. M4	L4 Up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT2G46210
3847	2	L4 vs. M4	L4 Up	GO:0043562	Signaling and response	Signaling	cellular response to nitrogen levels	P	AT5G21170
3848	2	L4 vs. M4	L4 Up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT1G27450
3849	2	L4 vs. M4	L4 Up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT2G21660
3850	2	L4 vs. M4	L4 Up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G25100
3851	2	L4 vs. M4	L4 Up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT5G02840
3852	2	L4 vs. M4	L4 Up	GO:0009690	Signaling and response	Signaling	cytokinin metabolic process	P	AT1G27450
3853	2	L4 vs. M4	L4 Up	GO:0009736	Signaling and response	Signaling	cytokinin-activated signaling pathway	P	AT1G64520
3854	2	L4 vs. M4	L4 Up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT1G56360
3855	2	L4 vs. M4	L4 Up	GO:1905200	Signaling and response	Signaling	gibberellic acid transmembrane transport	P	AT5G50800
3856	2	L4 vs. M4	L4 Up	GO:0009686	Signaling and response	Signaling	gibberellin biosynthetic process	P	AT2G34555
3857	2	L4 vs. M4	L4 Up	GO:1905201	Signaling and response	Signaling	gibberellin transmembrane transporter activity	F	AT5G50800

3858	2	L4 vs. M4	L4 Up	GO:0120091	Signaling and response	Signaling	jasmonic acid hydrolase	F	AT3G55970
3859	2	L4 vs. M4	L4 Up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G72260
3860	2	L4 vs. M4	L4 Up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G22960
3861	2	L4 vs. M4	L4 Up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT1G78020
3862	2	L4 vs. M4	L4 Up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT5G55990
3863	2	L4 vs. M4	L4 Up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT5G58670
3864	2	L4 vs. M4	L4 Up	GO:0004629	Signaling and response	Signaling	phospholipase C activity	F	AT5G58670
3865	2	L4 vs. M4	L4 Up	GO:0019887	Signaling and response	Signaling	protein kinase regulator activity	F	AT5G21170
3866	2	L4 vs. M4	L4 Up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT2G38310
3867	2	L4 vs. M4	L4 Up	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT1G78300
3868	2	L4 vs. M4	L4 Up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G67520
3869	2	L4 vs. M4	L4 Up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G41970
3870	2	L4 vs. M4	L4 Up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G08160
3871	2	L4 vs. M4	L4 Up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G67520
3872	2	L4 vs. M4	L4 Up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G08160
3873	2	L4 vs. M4	L4 Up	GO:0004713	Signaling and response	Signaling	protein tyrosine kinase activity	F	AT2G41970
3874	2	L4 vs. M4	L4 Up	GO:0005093	Signaling and response	Signaling	Rab GDP-dissociation inhibitor activity	F	AT5G09550
3875	2	L4 vs. M4	L4 Up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT3G07890
3876	2	L4 vs. M4	L4 Up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G09550
3877	2	L4 vs. M4	L4 Up	GO:0017112	Signaling and response	Signaling	Rab guanyl-nucleotide exchange factor activity	F	AT5G02280
3878	2	L4 vs. M4	L4 Up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT2G21880
3879	2	L4 vs. M4	L4 Up	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT3G07880
3880	2	L4 vs. M4	L4 Up	GO:0008536	Signaling and response	Signaling	Ran GTPase binding	F	AT1G27970
3881	2	L4 vs. M4	L4 Up	GO:0043235	Signaling and response	Signaling	receptor complex	C	AT2G01110
3882	2	L4 vs. M4	L4 Up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT5G02840
3883	2	L4 vs. M4	L4 Up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT3G55970
3884	2	L4 vs. M4	L4 Up	GO:0080163	Signaling and response	Signaling	regulation of protein serine/threonine phosphatase activity	P	AT2G38310
3885	2	L4 vs. M4	L4 Up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT5G26700
3886	2	L4 vs. M4	L4 Up	GO:0060359	Signaling and response	Signaling	response to ammonium ion	P	AT2G39770
3887	2	L4 vs. M4	L4 Up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G49010
3888	2	L4 vs. M4	L4 Up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G64520
3889	2	L4 vs. M4	L4 Up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G37610
3890	2	L4 vs. M4	L4 Up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G02840
3891	2	L4 vs. M4	L4 Up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G01600
3892	2	L4 vs. M4	L4 Up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G01530
3893	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G07890
3894	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G13930
3895	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G27450
3896	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G49010
3897	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G21660
3898	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12500
3899	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G22960
3900	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G25100
3901	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G02840
3902	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G16970
3903	2	L4 vs. M4	L4 Up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	ATCG00490
3904	2	L4 vs. M4	L4 Up	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT3G01500
3905	2	L4 vs. M4	L4 Up	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT5G04180
3906	2	L4 vs. M4	L4 Up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G37610
3907	2	L4 vs. M4	L4 Up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT4G25100
3908	2	L4 vs. M4	L4 Up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT1G64520
3909	2	L4 vs. M4	L4 Up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G01530
3910	2	L4 vs. M4	L4 Up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT1G49010
3911	2	L4 vs. M4	L4 Up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G02840

3912	2	L4 vs. M4	L4 Up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G11050
3913	2	L4 vs. M4	L4 Up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G56090
3914	2	L4 vs. M4	L4 Up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT5G01600
3915	2	L4 vs. M4	L4 Up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G49010
3916	2	L4 vs. M4	L4 Up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39770
3917	2	L4 vs. M4	L4 Up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G35770
3918	2	L4 vs. M4	L4 Up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G02840
3919	2	L4 vs. M4	L4 Up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G47470
3920	2	L4 vs. M4	L4 Up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G20250
3921	2	L4 vs. M4	L4 Up	GO:0009642	Signaling and response	Signaling	response to light intensity	P	AT4G25100
3922	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G29930
3923	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G60950
3924	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G80920
3925	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G34430
3926	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G47470
3927	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G02380
3928	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G35770
3929	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G01530
3930	2	L4 vs. M4	L4 Up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G20250
3931	2	L4 vs. M4	L4 Up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G01530
3932	2	L4 vs. M4	L4 Up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G49010
3933	2	L4 vs. M4	L4 Up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G33380
3934	2	L4 vs. M4	L4 Up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G37610
3935	2	L4 vs. M4	L4 Up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G02840
3936	2	L4 vs. M4	L4 Up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT4G35770
3937	2	L4 vs. M4	L4 Up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20250
3938	2	L4 vs. M4	L4 Up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT1G16470
3939	2	L4 vs. M4	L4 Up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT2G21660
3940	2	L4 vs. M4	L4 Up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT5G01600
3941	2	L4 vs. M4	L4 Up	GO:0006890	Signaling and response	Signaling	retrograde vesicle-mediated transport, Golgi to endoplasmic reticulum	P	AT1G11890
3942	2	L4 vs. M4	L4 Up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT3G07880
3943	2	L4 vs. M4	L4 Up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G38310
3944	2	L4 vs. M4	L4 Up	GO:0007264	Signaling and response	Signaling	small GTPase mediated signal transduction	P	AT5G09550
3945	2	L4 vs. M4	L4 Up	GO:0032934	Signaling and response	Signaling	sterol binding	F	AT5G02100
3946	2	L4 vs. M4	L4 Up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT2G33380
3947	2	L4 vs. M4	L4 Up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT1G69295
3948	2	L4 vs. M4	L4 Up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT5G08000
3949	2	L4 vs. M4	L4 Up	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT2G38310
3950	2	L4 vs. M4	L4 Up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G38310
3951	2	L4 vs. M4	L4 Up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G58670
3952	2	L4 vs. M4	L4 Up	GO:0007568	Signaling and response	Stress	aging	P	AT4G35770
3953	2	L4 vs. M4	L4 Up	GO:0052543	Signaling and response	Stress	callose deposition in cell wall	P	AT5G50800
3954	2	L4 vs. M4	L4 Up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G03860
3955	2	L4 vs. M4	L4 Up	GO:0006879	Signaling and response	Stress	cellular iron ion homeostasis	P	AT3G08040
3956	2	L4 vs. M4	L4 Up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT1G07890
3957	2	L4 vs. M4	L4 Up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G08040
3958	2	L4 vs. M4	L4 Up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT4G02380
3959	2	L4 vs. M4	L4 Up	GO:0090156	Signaling and response	Stress	cellular sphingolipid homeostasis	P	AT5G42000
3960	2	L4 vs. M4	L4 Up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G02305
3961	2	L4 vs. M4	L4 Up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G72260
3962	2	L4 vs. M4	L4 Up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G02380
3963	2	L4 vs. M4	L4 Up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G36910
3964	2	L4 vs. M4	L4 Up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G79210
3965	2	L4 vs. M4	L4 Up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39770
3966	2	L4 vs. M4	L4 Up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G01500

3967	2	L4 vs. M4	L4 Up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G30775
3968	2	L4 vs. M4	L4 Up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G42000
3969	2	L4 vs. M4	L4 Up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G33380
3970	2	L4 vs. M4	L4 Up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G12500
3971	2	L4 vs. M4	L4 Up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G30650
3972	2	L4 vs. M4	L4 Up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G01500
3973	2	L4 vs. M4	L4 Up	GO:0009814	Signaling and response	Stress	defense response, incompatible interaction	P	AT1G32540
3974	2	L4 vs. M4	L4 Up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G79700
3975	2	L4 vs. M4	L4 Up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT2G25490
3976	2	L4 vs. M4	L4 Up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT3G55970
3977	2	L4 vs. M4	L4 Up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT5G54160
3978	2	L4 vs. M4	L4 Up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G07890
3979	2	L4 vs. M4	L4 Up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G71695
3980	2	L4 vs. M4	L4 Up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G74520
3981	2	L4 vs. M4	L4 Up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT4G24960
3982	2	L4 vs. M4	L4 Up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT2G21660
3983	2	L4 vs. M4	L4 Up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT4G26260
3984	2	L4 vs. M4	L4 Up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT5G56640
3985	2	L4 vs. M4	L4 Up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G55570
3986	2	L4 vs. M4	L4 Up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G08040
3987	2	L4 vs. M4	L4 Up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13390
3988	2	L4 vs. M4	L4 Up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13400
3989	2	L4 vs. M4	L4 Up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G56090
3990	2	L4 vs. M4	L4 Up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G01600
3991	2	L4 vs. M4	L4 Up	GO:0009871	Signaling and response	Stress	jasmonic acid and ethylene-dependent systemic resistance, ethylene mediated signaling pathway	P	AT3G12500
3992	2	L4 vs. M4	L4 Up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT3G12500
3993	2	L4 vs. M4	L4 Up	GO:0016688	Signaling and response	Stress	L-ascorbate peroxidase activity	F	AT1G07890
3994	2	L4 vs. M4	L4 Up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT2G39770
3995	2	L4 vs. M4	L4 Up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT4G26260
3996	2	L4 vs. M4	L4 Up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT5G56640
3997	2	L4 vs. M4	L4 Up	GO:0010507	Signaling and response	Stress	negative regulation of autophagy	P	AT4G24960
3998	2	L4 vs. M4	L4 Up	GO:0010105	Signaling and response	Stress	negative regulation of ethylene-activated signaling pathway	P	AT2G25490
3999	2	L4 vs. M4	L4 Up	GO:0010187	Signaling and response	Stress	negative regulation of seed germination	P	AT3G44680
4000	2	L4 vs. M4	L4 Up	GO:0009405	Signaling and response	Stress	pathogenesis	P	AT5G36910
4001	2	L4 vs. M4	L4 Up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT5G58670
4002	2	L4 vs. M4	L4 Up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT1G32540
4003	2	L4 vs. M4	L4 Up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT3G12500
4004	2	L4 vs. M4	L4 Up	GO:0034052	Signaling and response	Stress	positive regulation of plant-type hypersensitive response	P	AT1G32540
4005	2	L4 vs. M4	L4 Up	GO:0043068	Signaling and response	Stress	positive regulation of programmed cell death	P	AT1G32540
4006	2	L4 vs. M4	L4 Up	GO:0055075	Signaling and response	Stress	potassium ion homeostasis	P	AT5G55990
4007	2	L4 vs. M4	L4 Up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT4G04330
4008	2	L4 vs. M4	L4 Up	GO:0010115	Signaling and response	Stress	regulation of abscisic acid biosynthetic process	P	AT1G13930
4009	2	L4 vs. M4	L4 Up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT2G07560
4010	2	L4 vs. M4	L4 Up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT2G33380
4011	2	L4 vs. M4	L4 Up	GO:2000121	Signaling and response	Stress	regulation of removal of superoxide radicals	P	AT1G32540
4012	2	L4 vs. M4	L4 Up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT2G21660
4013	2	L4 vs. M4	L4 Up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G01500
4014	2	L4 vs. M4	L4 Up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT5G58670
4015	2	L4 vs. M4	L4 Up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT4G25100
4016	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G74520
4017	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G33380

4018	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G08040
4019	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G11050
4020	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G02380
4021	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G24960
4022	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G02840
4023	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G58670
4024	2	L4 vs. M4	L4 Up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	ATCG00490
4025	2	L4 vs. M4	L4 Up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT2G43400
4026	2	L4 vs. M4	L4 Up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT4G02380
4027	2	L4 vs. M4	L4 Up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT5G63190
4028	2	L4 vs. M4	L4 Up	GO:0090549	Signaling and response	Stress	response to carbon starvation	P	AT5G63190
4029	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G74520
4030	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G21660
4031	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G33380
4032	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G39460
4033	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G01500
4034	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G05890
4035	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G47470
4036	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G02380
4037	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G04330
4038	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G24960
4039	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G37610
4040	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G01600
4041	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G20250
4042	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G20630
4043	2	L4 vs. M4	L4 Up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G58670
4044	2	L4 vs. M4	L4 Up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G33380
4045	2	L4 vs. M4	L4 Up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT5G42000
4046	2	L4 vs. M4	L4 Up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT2G25490
4047	2	L4 vs. M4	L4 Up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G02380
4048	2	L4 vs. M4	L4 Up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G02840
4049	2	L4 vs. M4	L4 Up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G33380
4050	2	L4 vs. M4	L4 Up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G07890
4051	2	L4 vs. M4	L4 Up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G13930
4052	2	L4 vs. M4	L4 Up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G64520
4053	2	L4 vs. M4	L4 Up	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G39770
4054	2	L4 vs. M4	L4 Up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G08000
4055	2	L4 vs. M4	L4 Up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT2G39460
4056	2	L4 vs. M4	L4 Up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT3G47470
4057	2	L4 vs. M4	L4 Up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G35580
4058	2	L4 vs. M4	L4 Up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT4G37610
4059	2	L4 vs. M4	L4 Up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G01600
4060	2	L4 vs. M4	L4 Up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G02380
4061	2	L4 vs. M4	L4 Up	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT3G47470
4062	2	L4 vs. M4	L4 Up	GO:0051788	Signaling and response	Stress	response to misfolded protein	P	AT1G64520
4063	2	L4 vs. M4	L4 Up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G02800
4064	2	L4 vs. M4	L4 Up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G59740
4065	2	L4 vs. M4	L4 Up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G21050
4066	2	L4 vs. M4	L4 Up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G21660
4067	2	L4 vs. M4	L4 Up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT5G38710
4068	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G50170
4069	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G71695
4070	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G39460
4071	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G11050
4072	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G30775
4073	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G02380

4074	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G25100
4075	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G35770
4076	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G16970
4077	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G20250
4078	2	L4 vs. M4	L4 Up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G42000
4079	2	L4 vs. M4	L4 Up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT2G39770
4080	2	L4 vs. M4	L4 Up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G25100
4081	2	L4 vs. M4	L4 Up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G07890
4082	2	L4 vs. M4	L4 Up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G11050
4083	2	L4 vs. M4	L4 Up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G56090
4084	2	L4 vs. M4	L4 Up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G02380
4085	2	L4 vs. M4	L4 Up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT5G01600
4086	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G13930
4087	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G49010
4088	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G21660
4089	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G33380
4090	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G39770
4091	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G04330
4092	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G02840
4093	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G14040
4094	2	L4 vs. M4	L4 Up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G58670
4095	2	L4 vs. M4	L4 Up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT1G78020
4096	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G68820
4097	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G74520
4098	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G21660
4099	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G30775
4100	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G02380
4101	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G04330
4102	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G24960
4103	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G38710
4104	2	L4 vs. M4	L4 Up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G58670
4105	2	L4 vs. M4	L4 Up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G35770
4106	2	L4 vs. M4	L4 Up	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT3G07880
4107	2	L4 vs. M4	L4 Up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT4G25100
4108	2	L4 vs. M4	L4 Up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G07450
4109	2	L4 vs. M4	L4 Up	GO:0090729	Signaling and response	Stress	toxin activity	F	AT1G72260
4110	2	L4 vs. M4	L4 Up	GO:0090729	Signaling and response	Stress	toxin activity	F	AT5G36910
4111	2	L4 vs. M4	L4 Up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G41970
4112	2	L4 vs. M4	M4 up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12710
4113	2	L4 vs. M4	M4 up	GO:0015030	Development	Cell division	Cajal body	C	AT4G25630
4114	2	L4 vs. M4	M4 up	GO:0044843	Development	Cell division	cell cycle G1/S phase transition	P	AT3G51800
4115	2	L4 vs. M4	M4 up	GO:0051301	Development	Cell division	cell division	P	AT1G78580
4116	2	L4 vs. M4	M4 up	GO:0005694	Development	Cell division	chromosome	C	AT1G09450
4117	2	L4 vs. M4	M4 up	GO:0000243	Development	Cell division	commitment complex	C	AT4G36690
4118	2	L4 vs. M4	M4 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT5G53450
4119	2	L4 vs. M4	M4 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G01780
4120	2	L4 vs. M4	M4 up	GO:0003678	Development	Cell division	DNA helicase activity	F	AT1G03190
4121	2	L4 vs. M4	M4 up	GO:0003678	Development	Cell division	DNA helicase activity	F	AT3G09660
4122	2	L4 vs. M4	M4 up	GO:0009294	Development	Cell division	DNA mediated transformation	P	AT2G19480
4123	2	L4 vs. M4	M4 up	GO:0006281	Development	Cell division	DNA repair	P	AT1G03190
4124	2	L4 vs. M4	M4 up	GO:0006281	Development	Cell division	DNA repair	P	AT2G19480
4125	2	L4 vs. M4	M4 up	GO:0006281	Development	Cell division	DNA repair	P	AT4G05420
4126	2	L4 vs. M4	M4 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT3G09660
4127	2	L4 vs. M4	M4 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT3G09660

4128	2	L4 vs. M4	M4 up	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT2G19480
4129	2	L4 vs. M4	M4 up	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT3G09660
4130	2	L4 vs. M4	M4 up	GO:0008309	Development	Cell division	double-stranded DNA exodeoxyribonuclease activity	F	AT1G11190
4131	2	L4 vs. M4	M4 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT1G11190
4132	2	L4 vs. M4	M4 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT1G67660
4133	2	L4 vs. M4	M4 up	GO:0007292	Development	Cell division	female gamete generation	P	AT4G29040
4134	2	L4 vs. M4	M4 up	GO:0007143	Development	Cell division	female meiotic nuclear division	P	AT3G09660
4135	2	L4 vs. M4	M4 up	GO:0007276	Development	Cell division	gamete generation	P	AT2G40360
4136	2	L4 vs. M4	M4 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G49080
4137	2	L4 vs. M4	M4 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G49670
4138	2	L4 vs. M4	M4 up	GO:0048232	Development	Cell division	male gamete generation	P	AT4G29040
4139	2	L4 vs. M4	M4 up	GO:0007140	Development	Cell division	male meiotic nuclear division	P	AT3G09660
4140	2	L4 vs. M4	M4 up	GO:0042555	Development	Cell division	MCM complex	C	AT3G09660
4141	2	L4 vs. M4	M4 up	GO:0009554	Development	Cell division	megasporogenesis	P	AT2G41420
4142	2	L4 vs. M4	M4 up	GO:0010480	Development	Cell division	microsporocyte differentiation	P	AT3G49670
4143	2	L4 vs. M4	M4 up	GO:0008568	Development	Cell division	microtubule-severing ATPase activity	F	AT3G27120
4144	2	L4 vs. M4	M4 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT1G09450
4145	2	L4 vs. M4	M4 up	GO:0045128	Development	Cell division	negative regulation of reciprocal meiotic recombination	P	AT3G27120
4146	2	L4 vs. M4	M4 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT2G19480
4147	2	L4 vs. M4	M4 up	GO:0000717	Development	Cell division	nucleotide-excision repair, DNA duplex unwinding	P	AT1G03190
4148	2	L4 vs. M4	M4 up	GO:0033683	Development	Cell division	nucleotide-excision repair, DNA incision	P	AT1G03190
4149	2	L4 vs. M4	M4 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G56430
4150	2	L4 vs. M4	M4 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT3G45640
4151	2	L4 vs. M4	M4 up	GO:0045951	Development	Cell division	positive regulation of mitotic recombination	P	AT1G03190
4152	2	L4 vs. M4	M4 up	GO:0007131	Development	Cell division	reciprocal meiotic recombination	P	AT5G66030
4153	2	L4 vs. M4	M4 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT2G40360
4154	2	L4 vs. M4	M4 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT3G51800
4155	2	L4 vs. M4	M4 up	GO:0010569	Development	Cell division	regulation of double-strand break repair via homologous recombination	P	AT3G27120
4156	2	L4 vs. M4	M4 up	GO:0000019	Development	Cell division	regulation of mitotic recombination	P	AT1G03190
4157	2	L4 vs. M4	M4 up	GO:2000035	Development	Cell division	regulation of stem cell division	P	AT5G03730
4158	2	L4 vs. M4	M4 up	GO:0043021	Development	Cell division	ribonucleoprotein complex binding	F	AT2G40360
4159	2	L4 vs. M4	M4 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT3G09660
4160	2	L4 vs. M4	M4 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G61030
4161	2	L4 vs. M4	M4 up	GO:0000014	Development	Cell division	single-stranded DNA endodeoxyribonuclease activity	F	AT1G11190
4162	2	L4 vs. M4	M4 up	GO:0043765	Development	Cell division	T/G mismatch-specific endonuclease activity	F	AT1G11190
4163	2	L4 vs. M4	M4 up	GO:0030479	Development	Development	actin cortical patch	C	AT1G13180
4164	2	L4 vs. M4	M4 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G06320
4165	2	L4 vs. M4	M4 up	GO:0048653	Development	Development	anther development	P	AT3G49670
4166	2	L4 vs. M4	M4 up	GO:0048658	Development	Development	anther wall tapetum development	P	AT5G50260
4167	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT1G09310
4168	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT1G35140
4169	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT1G45130
4170	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT1G47128
4171	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT1G50480
4172	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT2G44450
4173	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT3G04120
4174	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT3G08590
4175	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT3G09440
4176	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT3G10740
4177	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT4G25000

4178	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT5G04140
4179	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT5G08380
4180	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT5G20740
4181	2	L4 vs. M4	M4 up	GO:0048046	Development	Development	apoplast	C	AT5G49360
4182	2	L4 vs. M4	M4 up	GO:0005938	Development	Development	cell cortex	C	AT3G45640
4183	2	L4 vs. M4	M4 up	GO:0030154	Development	Development	cell differentiation	P	AT3G49670
4184	2	L4 vs. M4	M4 up	GO:0000902	Development	Development	cell morphogenesis	P	AT1G13180
4185	2	L4 vs. M4	M4 up	GO:0009504	Development	Development	cell plate	C	AT1G04750
4186	2	L4 vs. M4	M4 up	GO:0009504	Development	Development	cell plate	C	AT1G05570
4187	2	L4 vs. M4	M4 up	GO:0009504	Development	Development	cell plate	C	AT3G01780
4188	2	L4 vs. M4	M4 up	GO:0009920	Development	Development	cell plate formation involved in plant-type cell wall biogenesis	P	AT1G04750
4189	2	L4 vs. M4	M4 up	GO:0009920	Development	Development	cell plate formation involved in plant-type cell wall biogenesis	P	AT1G05560
4190	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT1G02810
4191	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT1G20190
4192	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT1G45130
4193	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT1G56110
4194	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT1G78580
4195	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT2G02990
4196	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT2G44350
4197	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT2G44450
4198	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT3G09440
4199	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT4G11310
4200	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT4G19810
4201	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT5G08380
4202	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT5G37600
4203	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT5G45280
4204	2	L4 vs. M4	M4 up	GO:0005618	Development	Development	cell wall	C	AT5G66760
4205	2	L4 vs. M4	M4 up	GO:0042545	Development	Development	cell wall modification	P	AT1G02810
4206	2	L4 vs. M4	M4 up	GO:0071555	Development	Development	cell wall organization	P	AT1G05570
4207	2	L4 vs. M4	M4 up	GO:0071555	Development	Development	cell wall organization	P	AT2G32530
4208	2	L4 vs. M4	M4 up	GO:0071555	Development	Development	cell wall organization	P	AT3G28340
4209	2	L4 vs. M4	M4 up	GO:0071555	Development	Development	cell wall organization	P	AT5G08380
4210	2	L4 vs. M4	M4 up	GO:0071555	Development	Development	cell wall organization	P	AT5G45280
4211	2	L4 vs. M4	M4 up	GO:0005575	Development	Development	cellular_component	C	AT4G29780
4212	2	L4 vs. M4	M4 up	GO:0051276	Development	Development	chromosome organization	P	AT5G58270
4213	2	L4 vs. M4	M4 up	GO:0010588	Development	Development	cotyledon vascular tissue pattern formation	P	AT5G16780
4214	2	L4 vs. M4	M4 up	GO:0042335	Development	Development	cuticle development	P	AT1G01120
4215	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01120
4216	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01800
4217	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G02590
4218	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G06410
4219	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09450
4220	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G13180
4221	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G14320
4222	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15500
4223	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G17430
4224	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18740
4225	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G19640
4226	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G20380
4227	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G25155
4228	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G28680
4229	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G29340
4230	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G32340
4231	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G45145

4232	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G48430
4233	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G50480
4234	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G60810
4235	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G62740
4236	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G65450
4237	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G70410
4238	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G72660
4239	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78580
4240	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80280
4241	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17290
4242	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19480
4243	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19620
4244	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G21820
4245	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22360
4246	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G24360
4247	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35840
4248	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37040
4249	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39330
4250	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39890
4251	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40000
4252	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G01780
4253	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04120
4254	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07750
4255	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G08590
4256	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09440
4257	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12640
4258	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16410
4259	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16470
4260	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G20250
4261	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G45640
4262	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G50530
4263	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G51240
4264	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G51800
4265	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53520
4266	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G58670
4267	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT3G60240
4268	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02890
4269	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G13930
4270	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G16370
4271	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G18220
4272	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G22870
4273	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24110
4274	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24130
4275	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24400
4276	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25310
4277	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G29160
4278	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G32840
4279	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33090
4280	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33120
4281	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33150
4282	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G36250
4283	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT4G36750
4284	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G03430
4285	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05570
4286	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05600
4287	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G08590

4288	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G15740
4289	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16570
4290	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G28900
4291	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G36160
4292	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G37490
4293	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G37600
4294	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G40780
4295	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G42050
4296	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G43380
4297	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47540
4298	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47930
4299	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54810
4300	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58430
4301	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58590
4302	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G60160
4303	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64140
4304	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64350
4305	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G66030
4306	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G66420
4307	2	L4 vs. M4	M4 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67480
4308	2	L4 vs. M4	M4 up	GO:0031122	Development	Development	cytoplasmic microtubule organization	P	AT3G27120
4309	2	L4 vs. M4	M4 up	GO:0008092	Development	Development	cytoskeletal protein binding	F	AT1G68370
4310	2	L4 vs. M4	M4 up	GO:0005856	Development	Development	cytoskeleton	C	AT1G05560
4311	2	L4 vs. M4	M4 up	GO:0005856	Development	Development	cytoskeleton	C	AT1G09450
4312	2	L4 vs. M4	M4 up	GO:0005856	Development	Development	cytoskeleton	C	AT1G68370
4313	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G01800
4314	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G06410
4315	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G09310
4316	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G13180
4317	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G14320
4318	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G14610
4319	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G20380
4320	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G45145
4321	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G48300
4322	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G48430
4323	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G50480
4324	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G54100
4325	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G60810
4326	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G62740
4327	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G70410
4328	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G76130
4329	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT1G78580
4330	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G04400
4331	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G17290
4332	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G19480
4333	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G25670
4334	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G31390
4335	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G33210
4336	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G35040
4337	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G35840
4338	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G42790
4339	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G43820
4340	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G44350
4341	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G47060
4342	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT2G47390
4343	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G01780

4344	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G04120
4345	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G04520
4346	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G08590
4347	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G09440
4348	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G12070
4349	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G14620
4350	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G16410
4351	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G16470
4352	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G16950
4353	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G20250
4354	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G21250
4355	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G25760
4356	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G45310
4357	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G49080
4358	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G49470
4359	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G51800
4360	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G53520
4361	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G53580
4362	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G53730
4363	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G54960
4364	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G55760
4365	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G56190
4366	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G58620
4367	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G59140
4368	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT3G62150
4369	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G01610
4370	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G02890
4371	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G05420
4372	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G10120
4373	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G13930
4374	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G16370
4375	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G16660
4376	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G25630
4377	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G32840
4378	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G33090
4379	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT4G33150
4380	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G05600
4381	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G16260
4382	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G16570
4383	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G17380
4384	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G27380
4385	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G36160
4386	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G36210
4387	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G37600
4388	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G42250
4389	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G45280
4390	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G53140
4391	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G57330
4392	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G58430
4393	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G58590
4394	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G60160
4395	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G62290
4396	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G64350
4397	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G64460
4398	2	L4 vs. M4	M4 up	GO:0005829	Development	Development	cytosol	C	AT5G66420
4399	2	L4 vs. M4	M4 up	GO:0032502	Development	Development	developmental process	P	AT1G14320

4400	2	L4 vs. M4	M4 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT1G65450
4401	2	L4 vs. M4	M4 up	GO:0009790	Development	Development	embryo development	P	AT1G78580
4402	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G03910
4403	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G14610
4404	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G78580
4405	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G31530
4406	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G18290
4407	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G13010
4408	2	L4 vs. M4	M4 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G49930
4409	2	L4 vs. M4	M4 up	GO:0009559	Development	Development	embryo sac central cell differentiation	P	AT3G49080
4410	2	L4 vs. M4	M4 up	GO:0012505	Development	Development	endomembrane system	C	AT5G58430
4411	2	L4 vs. M4	M4 up	GO:0005788	Development	Development	endoplasmic reticulum lumen	C	AT3G54960
4412	2	L4 vs. M4	M4 up	GO:0000815	Development	Development	ESCRT III complex	C	AT2G06530
4413	2	L4 vs. M4	M4 up	GO:0000815	Development	Development	ESCRT III complex	C	AT4G29160
4414	2	L4 vs. M4	M4 up	GO:0000145	Development	Development	exocyst	C	AT5G58430
4415	2	L4 vs. M4	M4 up	GO:0070062	Development	Development	extracellular exosome	C	AT5G58430
4416	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G02520
4417	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G02810
4418	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G05300
4419	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G09310
4420	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G11190
4421	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G14000
4422	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G14320
4423	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G14610
4424	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G20190
4425	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G34040
4426	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G35140
4427	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G45130
4428	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G47128
4429	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G62290
4430	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G73260
4431	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G75880
4432	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G76130
4433	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT1G78580
4434	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G02990
4435	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G05830
4436	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G07680
4437	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G14900
4438	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G23810
4439	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G25940
4440	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G37870
4441	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G39850
4442	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G44450
4443	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT2G45580
4444	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G10740
4445	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G19390
4446	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G23410
4447	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G24670
4448	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G26140
4449	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G45010
4450	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G45310
4451	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G53400
4452	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G57630
4453	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT3G60240
4454	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT4G01610

4455	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT4G11310
4456	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT4G19810
4457	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT4G25000
4458	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT4G32940
4459	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT4G39480
4460	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G10695
4461	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G36210
4462	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G45280
4463	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G45950
4464	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G49360
4465	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G50260
4466	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G50400
4467	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G60360
4468	2	L4 vs. M4	M4 up	GO:0005576	Development	Development	extracellular region	C	AT5G67480
4469	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT1G35140
4470	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT1G47128
4471	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT3G19390
4472	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT3G45310
4473	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT4G01610
4474	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT4G11310
4475	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT5G45890
4476	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT5G50260
4477	2	L4 vs. M4	M4 up	GO:0005615	Development	Development	extracellular space	C	AT5G60360
4478	2	L4 vs. M4	M4 up	GO:0042406	Development	Development	extrinsic component of endoplasmic reticulum membrane	C	AT5G42800
4479	2	L4 vs. M4	M4 up	GO:0048437	Development	Development	floral organ development	P	AT3G49670
4480	2	L4 vs. M4	M4 up	GO:0009908	Development	Development	flower development	P	AT5G16780
4481	2	L4 vs. M4	M4 up	GO:0010154	Development	Development	fruit development	P	AT3G04120
4482	2	L4 vs. M4	M4 up	GO:0010154	Development	Development	fruit development	P	AT5G40010
4483	2	L4 vs. M4	M4 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT2G34300
4484	2	L4 vs. M4	M4 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G53520
4485	2	L4 vs. M4	M4 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G30996
4486	2	L4 vs. M4	M4 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT5G01710
4487	2	L4 vs. M4	M4 up	GO:0030660	Development	Development	Golgi-associated vesicle membrane	C	AT4G33410
4488	2	L4 vs. M4	M4 up	GO:0010229	Development	Development	inflorescence development	P	AT3G45640
4489	2	L4 vs. M4	M4 up	GO:0071458	Development	Development	integral component of cytoplasmic side of endoplasmic reticulum membrane	C	AT4G33410
4490	2	L4 vs. M4	M4 up	GO:0071556	Development	Development	integral component of lumenal side of endoplasmic reticulum membrane	C	AT4G33410
4491	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01120
4492	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G02520
4493	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G04750
4494	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G05300
4495	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G05570
4496	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06350
4497	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G10970
4498	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G15500
4499	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G17430
4500	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18700
4501	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18740
4502	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27770
4503	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34040
4504	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34470
4505	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G58360
4506	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61800
4507	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G67300

4508	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G69870
4509	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G73080
4510	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G73650
4511	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80280
4512	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80760
4513	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01320
4514	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G03240
4515	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G07680
4516	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G19620
4517	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G20890
4518	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22500
4519	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G23810
4520	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G32530
4521	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34300
4522	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34660
4523	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G39890
4524	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G41420
4525	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G45580
4526	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46440
4527	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G48010
4528	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G01350
4529	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G12750
4530	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G14620
4531	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G18290
4532	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21250
4533	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22240
4534	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22370
4535	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G23410
4536	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G28340
4537	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G49310
4538	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G49530
4539	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G49670
4540	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50170
4541	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50660
4542	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53400
4543	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53420
4544	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53520
4545	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G54140
4546	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G57630
4547	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G59140
4548	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G62150
4549	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G16370
4550	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18220
4551	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24110
4552	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25700
4553	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G30996
4554	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G36380
4555	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39480
4556	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39850
4557	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05570
4558	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G06320
4559	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G12080
4560	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G14940
4561	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G15410
4562	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G15740
4563	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G35735

4564	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G38460
4565	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40010
4566	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40780
4567	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52540
4568	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G57350
4569	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G58270
4570	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67370
4571	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00270
4572	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00340
4573	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00350
4574	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00560
4575	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00680
4576	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00690
4577	2	L4 vs. M4	M4 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01100
4578	2	L4 vs. M4	M4 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT1G05560
4579	2	L4 vs. M4	M4 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G18570
4580	2	L4 vs. M4	M4 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G43820
4581	2	L4 vs. M4	M4 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G23410
4582	2	L4 vs. M4	M4 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G34135
4583	2	L4 vs. M4	M4 up	GO:0070676	Development	Development	intralumenal vesicle formation	P	AT2G06530
4584	2	L4 vs. M4	M4 up	GO:0070676	Development	Development	intralumenal vesicle formation	P	AT4G29160
4585	2	L4 vs. M4	M4 up	GO:0005770	Development	Development	late endosome	C	AT2G06530
4586	2	L4 vs. M4	M4 up	GO:0010311	Development	Development	lateral root formation	P	AT4G29040
4587	2	L4 vs. M4	M4 up	GO:0048366	Development	Development	leaf development	P	AT3G50660
4588	2	L4 vs. M4	M4 up	GO:0048366	Development	Development	leaf development	P	AT4G36380
4589	2	L4 vs. M4	M4 up	GO:0048366	Development	Development	leaf development	P	AT5G16780
4590	2	L4 vs. M4	M4 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT4G29040
4591	2	L4 vs. M4	M4 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT4G36380
4592	2	L4 vs. M4	M4 up	GO:0010358	Development	Development	leaf shaping	P	AT3G50660
4593	2	L4 vs. M4	M4 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT1G14000
4594	2	L4 vs. M4	M4 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT5G16780
4595	2	L4 vs. M4	M4 up	GO:0000323	Development	Development	lytic vacuole	C	AT4G32940
4596	2	L4 vs. M4	M4 up	GO:0010078	Development	Development	maintenance of root meristem identity	P	AT4G29040
4597	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT1G01120
4598	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT1G20190
4599	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT2G07680
4600	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT2G17290
4601	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT2G34660
4602	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT3G21250
4603	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT3G53520
4604	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT3G59140
4605	2	L4 vs. M4	M4 up	GO:0016020	Development	Development	membrane	C	AT4G16370
4606	2	L4 vs. M4	M4 up	GO:0035266	Development	Development	meristem growth	P	AT4G29040
4607	2	L4 vs. M4	M4 up	GO:0009933	Development	Development	meristem structural organization	P	AT4G29040
4608	2	L4 vs. M4	M4 up	GO:0009933	Development	Development	meristem structural organization	P	AT5G16780
4609	2	L4 vs. M4	M4 up	GO:0005874	Development	Development	microtubule	C	AT2G35880
4610	2	L4 vs. M4	M4 up	GO:0042814	Development	Development	monopolar cell growth	P	AT4G36380
4611	2	L4 vs. M4	M4 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G13180
4612	2	L4 vs. M4	M4 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G50660
4613	2	L4 vs. M4	M4 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G51800
4614	2	L4 vs. M4	M4 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G16370
4615	2	L4 vs. M4	M4 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G36380
4616	2	L4 vs. M4	M4 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT1G13180
4617	2	L4 vs. M4	M4 up	GO:0005771	Development	Development	multivesicular body	C	AT2G06530
4618	2	L4 vs. M4	M4 up	GO:0071836	Development	Development	nectar secretion	P	AT5G11110
4619	2	L4 vs. M4	M4 up	GO:0000176	Development	Development	nuclear exosome (RNase complex)	C	AT3G07750

4620	2	L4 vs. M4	M4 up	GO:0016363	Development	Development	nuclear matrix	C	AT3G09440
4621	2	L4 vs. M4	M4 up	GO:0005643	Development	Development	nuclear pore	C	AT5G58590
4622	2	L4 vs. M4	M4 up	GO:0009295	Development	Development	nucleoid	C	ATCG00180
4623	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G02520
4624	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G03190
4625	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G03910
4626	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G09310
4627	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G09450
4628	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G14000
4629	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G14320
4630	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G18700
4631	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G18740
4632	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G19640
4633	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G22190
4634	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G23710
4635	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G27770
4636	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G29340
4637	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G32340
4638	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G45130
4639	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G45145
4640	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G47128
4641	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G50480
4642	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G51980
4643	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G56110
4644	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G56430
4645	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G59640
4646	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G62290
4647	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G62740
4648	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G65450
4649	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G67660
4650	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G67920
4651	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT1G80840
4652	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G03470
4653	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G05830
4654	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G17290
4655	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G19480
4656	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G25670
4657	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G26190
4658	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G27590
4659	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G30020
4660	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G30360
4661	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G35840
4662	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G35880
4663	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G39650
4664	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G40360
4665	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G42760
4666	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G46600
4667	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT2G47060
4668	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G01780
4669	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G04120
4670	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G04350
4671	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G04520
4672	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G09660
4673	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G12640
4674	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G12860
4675	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G16410

4676	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G16470
4677	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G17040
4678	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G17310
4679	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G18290
4680	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G22240
4681	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G27120
4682	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G45640
4683	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G49470
4684	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G49530
4685	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G50530
4686	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G51800
4687	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G53730
4688	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G54140
4689	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G58620
4690	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G58670
4691	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G62150
4692	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT3G62550
4693	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G02890
4694	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G05420
4695	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G10120
4696	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G12280
4697	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G24130
4698	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G24400
4699	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G25630
4700	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G27410
4701	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G29040
4702	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G33090
4703	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G36690
4704	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT4G37260
4705	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G03730
4706	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G04150
4707	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G05570
4708	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G08590
4709	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G11110
4710	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G12080
4711	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G13010
4712	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G13180
4713	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G13800
4714	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G15410
4715	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G16260
4716	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G16780
4717	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G27660
4718	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G28900
4719	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G40010
4720	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G42050
4721	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G43380
4722	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G49930
4723	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G53450
4724	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G57340
4725	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G58590
4726	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G61030
4727	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G62290
4728	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G67300
4729	2	L4 vs. M4	M4 up	GO:0005634	Development	Development	nucleus	C	AT5G67480
4730	2	L4 vs. M4	M4 up	GO:0031090	Development	Development	organelle membrane	C	AT4G33090
4731	2	L4 vs. M4	M4 up	GO:0048471	Development	Development	perinuclear region of cytoplasm	C	AT1G05560

4732	2	L4 vs. M4	M4 up	GO:0048471	Development	Development	perinuclear region of cytoplasm	C	AT1G09450
4733	2	L4 vs. M4	M4 up	GO:0048441	Development	Development	petal development	P	AT4G36380
4734	2	L4 vs. M4	M4 up	GO:0048446	Development	Development	petal morphogenesis	P	AT1G59640
4735	2	L4 vs. M4	M4 up	GO:0045335	Development	Development	phagocytic vesicle	C	AT5G58430
4736	2	L4 vs. M4	M4 up	GO:0010087	Development	Development	phloem or xylem histogenesis	P	AT5G16780
4737	2	L4 vs. M4	M4 up	GO:0009524	Development	Development	phragmoplast	C	AT1G05560
4738	2	L4 vs. M4	M4 up	GO:0009524	Development	Development	phragmoplast	C	AT1G09450
4739	2	L4 vs. M4	M4 up	GO:0009524	Development	Development	phragmoplast	C	AT3G01780
4740	2	L4 vs. M4	M4 up	GO:0048827	Development	Development	phyllome development	P	AT4G29040
4741	2	L4 vs. M4	M4 up	GO:0048481	Development	Development	plant ovule development	P	AT3G45640
4742	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G01800
4743	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G35140
4744	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G45130
4745	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G44450
4746	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G08380
4747	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G45280
4748	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G49360
4749	2	L4 vs. M4	M4 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G50260
4750	2	L4 vs. M4	M4 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT1G78580
4751	2	L4 vs. M4	M4 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G20190
4752	2	L4 vs. M4	M4 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G20190
4753	2	L4 vs. M4	M4 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT2G32530
4754	2	L4 vs. M4	M4 up	GO:0000325	Development	Development	plant-type vacuole	C	AT2G34660
4755	2	L4 vs. M4	M4 up	GO:0000325	Development	Development	plant-type vacuole	C	AT3G21250
4756	2	L4 vs. M4	M4 up	GO:0000325	Development	Development	plant-type vacuole	C	AT3G59140
4757	2	L4 vs. M4	M4 up	GO:0000325	Development	Development	plant-type vacuole	C	AT5G50260
4758	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G02520
4759	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G04750
4760	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G05300
4761	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G05570
4762	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G10970
4763	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G23020
4764	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G27770
4765	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G45145
4766	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G50480
4767	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G58360
4768	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G62740
4769	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G67300
4770	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G69870
4771	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70410
4772	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G73080
4773	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G73650
4774	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT1G80760
4775	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01320
4776	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02990
4777	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G03240
4778	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17290
4779	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G19480
4780	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G23810
4781	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G24360
4782	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G31390
4783	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G32530
4784	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33210
4785	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G34300
4786	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G39890
4787	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41420

4788	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G46440
4789	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47060
4790	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT2G48010
4791	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G01780
4792	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04120
4793	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G09440
4794	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12750
4795	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G14050
4796	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17810
4797	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G22240
4798	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G49530
4799	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G49670
4800	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G50530
4801	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G51800
4802	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53420
4803	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53520
4804	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54140
4805	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G56190
4806	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT3G62150
4807	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G10120
4808	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G13930
4809	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G16370
4810	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24400
4811	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29040
4812	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29160
4813	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33090
4814	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33120
4815	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33410
4816	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35230
4817	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36250
4818	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36400
4819	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36750
4820	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04140
4821	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05570
4822	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G06320
4823	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08590
4824	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11000
4825	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11110
4826	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G12080
4827	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G15410
4828	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G35735
4829	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37600
4830	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G40780
4831	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45280
4832	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47930
4833	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54810
4834	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G57350
4835	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58430
4836	2	L4 vs. M4	M4 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62290
4837	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT1G56430
4838	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT2G37040
4839	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT3G01780
4840	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT3G08590
4841	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT3G09660
4842	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT3G12070
4843	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT3G45640

4844	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT3G49080
4845	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT5G50260
4846	2	L4 vs. M4	M4 up	GO:0009555	Development	Development	pollen development	P	AT5G58270
4847	2	L4 vs. M4	M4 up	GO:0010208	Development	Development	pollen wall assembly	P	AT5G11110
4848	2	L4 vs. M4	M4 up	GO:0048528	Development	Development	post-embryonic root development	P	AT5G16780
4849	2	L4 vs. M4	M4 up	GO:0048829	Development	Development	root cap development	P	AT4G29040
4850	2	L4 vs. M4	M4 up	GO:0048364	Development	Development	root development	P	AT3G12070
4851	2	L4 vs. M4	M4 up	GO:0048364	Development	Development	root development	P	AT4G24400
4852	2	L4 vs. M4	M4 up	GO:0048364	Development	Development	root development	P	AT4G29040
4853	2	L4 vs. M4	M4 up	GO:0048364	Development	Development	root development	P	AT5G16780
4854	2	L4 vs. M4	M4 up	GO:0048364	Development	Development	root development	P	AT5G58270
4855	2	L4 vs. M4	M4 up	GO:0080147	Development	Development	root hair cell development	P	AT3G57630
4856	2	L4 vs. M4	M4 up	GO:0048767	Development	Development	root hair elongation	P	AT5G13010
4857	2	L4 vs. M4	M4 up	GO:0010015	Development	Development	root morphogenesis	P	AT4G29040
4858	2	L4 vs. M4	M4 up	GO:0010223	Development	Development	secondary shoot formation	P	AT2G26170
4859	2	L4 vs. M4	M4 up	GO:0010214	Development	Development	seed coat development	P	AT5G15740
4860	2	L4 vs. M4	M4 up	GO:0010214	Development	Development	seed coat development	P	AT5G49360
4861	2	L4 vs. M4	M4 up	GO:0048316	Development	Development	seed development	P	AT3G04120
4862	2	L4 vs. M4	M4 up	GO:0010431	Development	Development	seed maturation	P	AT5G40010
4863	2	L4 vs. M4	M4 up	GO:0010344	Development	Development	seed oilbody biogenesis	P	AT2G24360
4864	2	L4 vs. M4	M4 up	GO:0090351	Development	Development	seedling development	P	AT4G29040
4865	2	L4 vs. M4	M4 up	GO:0048367	Development	Development	shoot system development	P	AT4G29040
4866	2	L4 vs. M4	M4 up	GO:0048367	Development	Development	shoot system development	P	AT5G16780
4867	2	L4 vs. M4	M4 up	GO:0048443	Development	Development	stamen development	P	AT2G06050
4868	2	L4 vs. M4	M4 up	GO:0048443	Development	Development	stamen development	P	AT4G36380
4869	2	L4 vs. M4	M4 up	GO:0010319	Development	Development	stromule	C	AT2G20890
4870	2	L4 vs. M4	M4 up	GO:0010319	Development	Development	stromule	C	AT2G35040
4871	2	L4 vs. M4	M4 up	GO:0010091	Development	Development	trichome branching	P	AT2G46600
4872	2	L4 vs. M4	M4 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT1G13180
4873	2	L4 vs. M4	M4 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G20190
4874	2	L4 vs. M4	M4 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G50660
4875	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G14320
4876	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G51980
4877	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G61800
4878	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G73650
4879	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G07680
4880	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G33210
4881	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G34660
4882	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04120
4883	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G09440
4884	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G17040
4885	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G21250
4886	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G54960
4887	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G56190
4888	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G59140
4889	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G62150
4890	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G16660
4891	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G06320
4892	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G60160
4893	2	L4 vs. M4	M4 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G67480
4894	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT1G14320
4895	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT1G45130
4896	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT1G47128
4897	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT1G62290
4898	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT1G73650
4899	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT1G78580

4900	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT2G22360
4901	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT2G23810
4902	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT2G25670
4903	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT2G25940
4904	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT2G34660
4905	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT2G39330
4906	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G09440
4907	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G10740
4908	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G16470
4909	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G20250
4910	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G45010
4911	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G53420
4912	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G56190
4913	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G57010
4914	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT3G62550
4915	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT4G01610
4916	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT4G02890
4917	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT4G32940
4918	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT4G35230
4919	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT5G19860
4920	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT5G60160
4921	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT5G60360
4922	2	L4 vs. M4	M4 up	GO:0005773	Development	Development	vacuole	C	AT5G65760
4923	2	L4 vs. M4	M4 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT3G16470
4924	2	L4 vs. M4	M4 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT5G13010
4925	2	L4 vs. M4	M4 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT1G01120
4926	2	L4 vs. M4	M4 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT1G01120
4927	2	L4 vs. M4	M4 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT1G01120
4928	2	L4 vs. M4	M4 up	GO:0003866	Metabolism	Bioenergetics	3-phosphoshikimate 1-carboxyvinyltransferase activity	F	AT1G48860
4929	2	L4 vs. M4	M4 up	GO:0003872	Metabolism	Bioenergetics	6-phosphofructokinase activity	F	AT4G32840
4930	2	L4 vs. M4	M4 up	GO:0006085	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process	P	AT1G60810
4931	2	L4 vs. M4	M4 up	GO:0006086	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process from pyruvate	P	AT3G16950
4932	2	L4 vs. M4	M4 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG01100
4933	2	L4 vs. M4	M4 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT4G36250
4934	2	L4 vs. M4	M4 up	GO:0003825	Metabolism	Bioenergetics	alpha,alpha-trehalose-phosphate synthase (UDP-forming) activity	F	AT1G06410
4935	2	L4 vs. M4	M4 up	GO:0003825	Metabolism	Bioenergetics	alpha,alpha-trehalose-phosphate synthase (UDP-forming) activity	F	AT1G78580
4936	2	L4 vs. M4	M4 up	GO:0004556	Metabolism	Bioenergetics	alpha-amylase activity	F	AT1G76130
4937	2	L4 vs. M4	M4 up	GO:0004556	Metabolism	Bioenergetics	alpha-amylase activity	F	AT4G25000
4938	2	L4 vs. M4	M4 up	GO:0103025	Metabolism	Bioenergetics	alpha-amylase activity (releasing maltohexaose)	F	AT1G76130
4939	2	L4 vs. M4	M4 up	GO:0103025	Metabolism	Bioenergetics	alpha-amylase activity (releasing maltohexaose)	F	AT4G25000
4940	2	L4 vs. M4	M4 up	GO:0003878	Metabolism	Bioenergetics	ATP citrate synthase activity	F	AT1G60810
4941	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G02520
4942	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G01320
4943	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07680
4944	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G34660
4945	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G09440
4946	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G21250
4947	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G27120
4948	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G59140
4949	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G62150
4950	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G29040
4951	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G39850

4952	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G40010
4953	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G57350
4954	2	L4 vs. M4	M4 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G58270
4955	2	L4 vs. M4	M4 up	GO:0042623	Metabolism	Bioenergetics	ATPase activity, coupled	F	AT3G09440
4956	2	L4 vs. M4	M4 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT2G39330
4957	2	L4 vs. M4	M4 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16410
4958	2	L4 vs. M4	M4 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16470
4959	2	L4 vs. M4	M4 up	GO:0019200	Metabolism	Bioenergetics	carbohydrate kinase activity	F	AT2G31390
4960	2	L4 vs. M4	M4 up	GO:0019200	Metabolism	Bioenergetics	carbohydrate kinase activity	F	AT5G26570
4961	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G45130
4962	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G76130
4963	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G42790
4964	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G44350
4965	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G44450
4966	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G26140
4967	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G25000
4968	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G08380
4969	2	L4 vs. M4	M4 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G57330
4970	2	L4 vs. M4	M4 up	GO:0044262	Metabolism	Bioenergetics	cellular carbohydrate metabolic process	P	AT3G08590
4971	2	L4 vs. M4	M4 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	AT3G22370
4972	2	L4 vs. M4	M4 up	GO:0004108	Metabolism	Bioenergetics	citrate (Si)-synthase activity	F	AT2G42790
4973	2	L4 vs. M4	M4 up	GO:0004108	Metabolism	Bioenergetics	citrate (Si)-synthase activity	F	AT2G44350
4974	2	L4 vs. M4	M4 up	GO:0009346	Metabolism	Bioenergetics	citrate lyase complex	C	AT1G60810
4975	2	L4 vs. M4	M4 up	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT2G44350
4976	2	L4 vs. M4	M4 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT5G42800
4977	2	L4 vs. M4	M4 up	GO:0017113	Metabolism	Bioenergetics	dihydropyrimidine dehydrogenase (NADP+) activity	F	AT3G17810
4978	2	L4 vs. M4	M4 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G66760
4979	2	L4 vs. M4	M4 up	GO:0001561	Metabolism	Bioenergetics	fatty acid alpha-oxidation	P	AT5G17380
4980	2	L4 vs. M4	M4 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT2G42790
4981	2	L4 vs. M4	M4 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT4G39850
4982	2	L4 vs. M4	M4 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT2G37870
4983	2	L4 vs. M4	M4 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G01120
4984	2	L4 vs. M4	M4 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT3G02630
4985	2	L4 vs. M4	M4 up	GO:0009922	Metabolism	Bioenergetics	fatty acid elongase activity	F	AT1G01120
4986	2	L4 vs. M4	M4 up	GO:0030497	Metabolism	Bioenergetics	fatty acid elongation	P	AT1G01120
4987	2	L4 vs. M4	M4 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT3G02630
4988	2	L4 vs. M4	M4 up	GO:0008865	Metabolism	Bioenergetics	fructokinase activity	F	AT2G31390
4989	2	L4 vs. M4	M4 up	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT2G31390
4990	2	L4 vs. M4	M4 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G04120
4991	2	L4 vs. M4	M4 up	GO:0006007	Metabolism	Bioenergetics	glucose catabolic process	P	AT3G08590
4992	2	L4 vs. M4	M4 up	GO:0047938	Metabolism	Bioenergetics	glucose-6-phosphate 1-epimerase activity	F	AT5G57330
4993	2	L4 vs. M4	M4 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT1G54100
4994	2	L4 vs. M4	M4 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT4G36250
4995	2	L4 vs. M4	M4 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G04120
4996	2	L4 vs. M4	M4 up	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT3G04120
4997	2	L4 vs. M4	M4 up	GO:0008891	Metabolism	Bioenergetics	glycolate oxidase activity	F	AT4G18360
4998	2	L4 vs. M4	M4 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G04120
4999	2	L4 vs. M4	M4 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G08590
5000	2	L4 vs. M4	M4 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT4G32840
5001	2	L4 vs. M4	M4 up	GO:0046861	Metabolism	Bioenergetics	glyoxysomal membrane	C	AT4G39850
5002	2	L4 vs. M4	M4 up	GO:0004419	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA lyase activity	F	AT2G26800

5003	2	L4 vs. M4	M4 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT4G18360
5004	2	L4 vs. M4	M4 up	GO:0004488	Metabolism	Bioenergetics	methylenetetrahydrofolate dehydrogenase (NADP+) activity	F	AT1G50480
5005	2	L4 vs. M4	M4 up	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT5G66760
5006	2	L4 vs. M4	M4 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT3G04120
5007	2	L4 vs. M4	M4 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G51980
5008	2	L4 vs. M4	M4 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT2G22500
5009	2	L4 vs. M4	M4 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT3G22370
5010	2	L4 vs. M4	M4 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G58270
5011	2	L4 vs. M4	M4 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G26800
5012	2	L4 vs. M4	M4 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G42790
5013	2	L4 vs. M4	M4 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G44350
5014	2	L4 vs. M4	M4 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G04140
5015	2	L4 vs. M4	M4 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G53350
5016	2	L4 vs. M4	M4 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT5G40010
5017	2	L4 vs. M4	M4 up	GO:0017087	Metabolism	Bioenergetics	mitochondrial processing peptidase complex	C	AT1G51980
5018	2	L4 vs. M4	M4 up	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT5G66760
5019	2	L4 vs. M4	M4 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT1G51980
5020	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G06350
5021	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14610
5022	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G15500
5023	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G48200
5024	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G51980
5025	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70410
5026	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72660
5027	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73260
5028	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73650
5029	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80270
5030	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01320
5031	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G05830
5032	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G06530
5033	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G17290
5034	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G17710
5035	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19480
5036	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20890
5037	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G22500
5038	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G26170
5039	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G26800
5040	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G33210
5041	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40000
5042	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G42790
5043	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G44350
5044	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G46440
5045	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G04120
5046	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G17470
5047	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G22370
5048	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G49080
5049	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G62650
5050	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G33150
5051	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G36400
5052	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G04140
5053	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G06320
5054	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G10695

5055	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G27660
5056	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40010
5057	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43380
5058	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G53350
5059	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G53450
5060	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58270
5061	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G61030
5062	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G66760
5063	2	L4 vs. M4	M4 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATCG00270
5064	2	L4 vs. M4	M4 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G04120
5065	2	L4 vs. M4	M4 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	ATCG01110
5066	2	L4 vs. M4	M4 up	GO:0003955	Metabolism	Bioenergetics	NAD(P)H dehydrogenase (quinone) activity	F	AT4G36750
5067	2	L4 vs. M4	M4 up	GO:0070403	Metabolism	Bioenergetics	NAD+ binding	F	AT3G53520
5068	2	L4 vs. M4	M4 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG01100
5069	2	L4 vs. M4	M4 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G04120
5070	2	L4 vs. M4	M4 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G17810
5071	2	L4 vs. M4	M4 up	GO:0003959	Metabolism	Bioenergetics	NADPH dehydrogenase activity	F	ATCG01110
5072	2	L4 vs. M4	M4 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G51980
5073	2	L4 vs. M4	M4 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G76470
5074	2	L4 vs. M4	M4 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G06050
5075	2	L4 vs. M4	M4 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G22870
5076	2	L4 vs. M4	M4 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G25700
5077	2	L4 vs. M4	M4 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G42800
5078	2	L4 vs. M4	M4 up	GO:0016671	Metabolism	Bioenergetics	oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor	F	AT1G45145
5079	2	L4 vs. M4	M4 up	GO:0016651	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H	F	ATCG01100
5080	2	L4 vs. M4	M4 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G14620
5081	2	L4 vs. M4	M4 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G50660
5082	2	L4 vs. M4	M4 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G39480
5083	2	L4 vs. M4	M4 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G45580
5084	2	L4 vs. M4	M4 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G36380
5085	2	L4 vs. M4	M4 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT1G06350
5086	2	L4 vs. M4	M4 up	GO:0016627	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-CH group of donors	F	AT1G73650
5087	2	L4 vs. M4	M4 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G76470
5088	2	L4 vs. M4	M4 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT5G42800
5089	2	L4 vs. M4	M4 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT4G36400
5090	2	L4 vs. M4	M4 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT5G04140
5091	2	L4 vs. M4	M4 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G22500
5092	2	L4 vs. M4	M4 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT5G57350
5093	2	L4 vs. M4	M4 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT5G57350

5094	2	L4 vs. M4	M4 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT3G22370
5095	2	L4 vs. M4	M4 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT5G66760
5096	2	L4 vs. M4	M4 up	GO:0047131	Metabolism	Bioenergetics	saccharopine dehydrogenase (NAD+, L-glutamate-forming) activity	F	AT4G33150
5097	2	L4 vs. M4	M4 up	GO:0047130	Metabolism	Bioenergetics	saccharopine dehydrogenase (NADP+, L-lysine-forming) activity	F	AT4G33150
5098	2	L4 vs. M4	M4 up	GO:2001070	Metabolism	Bioenergetics	starch binding	F	AT3G55760
5099	2	L4 vs. M4	M4 up	GO:2001070	Metabolism	Bioenergetics	starch binding	F	AT5G26570
5100	2	L4 vs. M4	M4 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT2G31390
5101	2	L4 vs. M4	M4 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT5G26570
5102	2	L4 vs. M4	M4 up	GO:0043036	Metabolism	Bioenergetics	starch grain	C	AT3G55760
5103	2	L4 vs. M4	M4 up	GO:0005982	Metabolism	Bioenergetics	starch metabolic process	P	AT3G55760
5104	2	L4 vs. M4	M4 up	GO:0005982	Metabolism	Bioenergetics	starch metabolic process	P	AT5G26570
5105	2	L4 vs. M4	M4 up	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT5G66760
5106	2	L4 vs. M4	M4 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT2G35840
5107	2	L4 vs. M4	M4 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT5G11110
5108	2	L4 vs. M4	M4 up	GO:0016157	Metabolism	Bioenergetics	sucrose synthase activity	F	AT5G11110
5109	2	L4 vs. M4	M4 up	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT4G10120
5110	2	L4 vs. M4	M4 up	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT5G11110
5111	2	L4 vs. M4	M4 up	GO:0005992	Metabolism	Bioenergetics	trehalose biosynthetic process	P	AT1G78580
5112	2	L4 vs. M4	M4 up	GO:0005991	Metabolism	Bioenergetics	trehalose metabolic process	P	AT1G78580
5113	2	L4 vs. M4	M4 up	GO:0004805	Metabolism	Bioenergetics	trehalose-phosphatase activity	F	AT1G78580
5114	2	L4 vs. M4	M4 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT2G42790
5115	2	L4 vs. M4	M4 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT2G44350
5116	2	L4 vs. M4	M4 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G66760
5117	2	L4 vs. M4	M4 up	GO:0035436	Metabolism	Bioenergetics	triose phosphate transmembrane transport	P	AT1G61800
5118	2	L4 vs. M4	M4 up	GO:0102721	Metabolism	Bioenergetics	ubiquinol:oxygen oxidoreductase activity	F	AT3G22370
5119	2	L4 vs. M4	M4 up	GO:0006744	Metabolism	Bioenergetics	ubiquinone biosynthetic process	P	AT4G39850
5120	2	L4 vs. M4	M4 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT1G06350
5121	2	L4 vs. M4	M4 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT1G01120
5122	2	L4 vs. M4	M4 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT1G01120
5123	2	L4 vs. M4	M4 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT4G18360
5124	2	L4 vs. M4	M4 up	GO:0061158	Metabolism	Catabolism	3'-UTR-mediated mRNA destabilization	P	AT3G20250
5125	2	L4 vs. M4	M4 up	GO:0046556	Metabolism	Catabolism	alpha-L-arabinofuranosidase activity	F	AT3G10740
5126	2	L4 vs. M4	M4 up	GO:0046556	Metabolism	Catabolism	alpha-L-arabinofuranosidase activity	F	AT5G49360
5127	2	L4 vs. M4	M4 up	GO:0004177	Metabolism	Catabolism	aminopeptidase activity	F	AT4G33090
5128	2	L4 vs. M4	M4 up	GO:0031222	Metabolism	Catabolism	arabinan catabolic process	P	AT5G49360
5129	2	L4 vs. M4	M4 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT1G70410
5130	2	L4 vs. M4	M4 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT4G19810
5131	2	L4 vs. M4	M4 up	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT2G20890
5132	2	L4 vs. M4	M4 up	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT5G13800
5133	2	L4 vs. M4	M4 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT4G05420
5134	2	L4 vs. M4	M4 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT1G70410
5135	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G47128
5136	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT2G25940
5137	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G19390
5138	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G45310
5139	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G01610
5140	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G11310
5141	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G32940
5142	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G45890
5143	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G50260
5144	2	L4 vs. M4	M4 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G60360
5145	2	L4 vs. M4	M4 up	GO:0006308	Metabolism	Catabolism	DNA catabolic process	P	AT1G11190
5146	2	L4 vs. M4	M4 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G20380
5147	2	L4 vs. M4	M4 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G51980

5148	2	L4 vs. M4	M4 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT4G32940
5149	2	L4 vs. M4	M4 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT1G11190
5150	2	L4 vs. M4	M4 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT2G02990
5151	2	L4 vs. M4	M4 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT3G07750
5152	2	L4 vs. M4	M4 up	GO:0080187	Metabolism	Catabolism	floral organ senescence	P	AT1G11190
5153	2	L4 vs. M4	M4 up	GO:0080187	Metabolism	Catabolism	floral organ senescence	P	AT5G45890
5154	2	L4 vs. M4	M4 up	GO:0046294	Metabolism	Catabolism	formaldehyde catabolic process	P	AT5G42250
5155	2	L4 vs. M4	M4 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT2G44450
5156	2	L4 vs. M4	M4 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G16410
5157	2	L4 vs. M4	M4 up	GO:0019563	Metabolism	Catabolism	glycerol catabolic process	P	AT1G48430
5158	2	L4 vs. M4	M4 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G11190
5159	2	L4 vs. M4	M4 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G32940
5160	2	L4 vs. M4	M4 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G12080
5161	2	L4 vs. M4	M4 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G13180
5162	2	L4 vs. M4	M4 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G37600
5163	2	L4 vs. M4	M4 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G45890
5164	2	L4 vs. M4	M4 up	GO:0006552	Metabolism	Catabolism	leucine catabolic process	P	AT2G26800
5165	2	L4 vs. M4	M4 up	GO:0046274	Metabolism	Catabolism	lignin catabolic process	P	AT2G37040
5166	2	L4 vs. M4	M4 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G75880
5167	2	L4 vs. M4	M4 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G39850
5168	2	L4 vs. M4	M4 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G45950
5169	2	L4 vs. M4	M4 up	GO:0019477	Metabolism	Catabolism	L-lysine catabolic process	P	AT4G33150
5170	2	L4 vs. M4	M4 up	GO:0033512	Metabolism	Catabolism	L-lysine catabolic process to acetyl-CoA via saccharopine	P	AT4G33150
5171	2	L4 vs. M4	M4 up	GO:0019509	Metabolism	Catabolism	L-methionine salvage from methylthioadenosine	P	AT2G05830
5172	2	L4 vs. M4	M4 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT2G37040
5173	2	L4 vs. M4	M4 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT5G36160
5174	2	L4 vs. M4	M4 up	GO:0006565	Metabolism	Catabolism	L-serine catabolic process	P	AT4G13930
5175	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G47128
5176	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT3G19390
5177	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT3G45310
5178	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G01610
5179	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G11310
5180	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G45890
5181	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G50260
5182	2	L4 vs. M4	M4 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G60360
5183	2	L4 vs. M4	M4 up	GO:0033619	Metabolism	Catabolism	membrane protein proteolysis	P	AT4G33410
5184	2	L4 vs. M4	M4 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT1G51980
5185	2	L4 vs. M4	M4 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT4G02890
5186	2	L4 vs. M4	M4 up	GO:1903298	Metabolism	Catabolism	negative regulation of hypoxia-induced intrinsic apoptotic signaling pathway	P	AT4G16660
5187	2	L4 vs. M4	M4 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT1G02810
5188	2	L4 vs. M4	M4 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G24670
5189	2	L4 vs. M4	M4 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT1G47128
5190	2	L4 vs. M4	M4 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT5G27660
5191	2	L4 vs. M4	M4 up	GO:0043171	Metabolism	Catabolism	peptide catabolic process	P	AT4G33090
5192	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G06050
5193	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31390
5194	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G42790
5195	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G50170
5196	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G18360
5197	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G39850
5198	2	L4 vs. M4	M4 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G17380
5199	2	L4 vs. M4	M4 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT4G19810
5200	2	L4 vs. M4	M4 up	GO:0032436	Metabolism	Catabolism	positive regulation of proteasomal ubiquitin-dependent protein catabolic process	P	AT1G32340

5201	2	L4 vs. M4	M4 up	GO:0012501	Metabolism	Catabolism	programmed cell death	P	AT1G73260
5202	2	L4 vs. M4	M4 up	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT5G50260
5203	2	L4 vs. M4	M4 up	GO:0043248	Metabolism	Catabolism	proteasome assembly	P	AT4G29040
5204	2	L4 vs. M4	M4 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT4G29040
5205	2	L4 vs. M4	M4 up	GO:0008540	Metabolism	Catabolism	proteasome regulatory particle, base subcomplex	C	AT4G29040
5206	2	L4 vs. M4	M4 up	GO:0036402	Metabolism	Catabolism	proteasome-activating ATPase activity	F	AT4G29040
5207	2	L4 vs. M4	M4 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT4G05420
5208	2	L4 vs. M4	M4 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT4G29040
5209	2	L4 vs. M4	M4 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G62290
5210	2	L4 vs. M4	M4 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT5G53350
5211	2	L4 vs. M4	M4 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT1G32340
5212	2	L4 vs. M4	M4 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G29340
5213	2	L4 vs. M4	M4 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G18290
5214	2	L4 vs. M4	M4 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G02890
5215	2	L4 vs. M4	M4 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G05420
5216	2	L4 vs. M4	M4 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G37490
5217	2	L4 vs. M4	M4 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G67480
5218	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G47128
5219	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G62290
5220	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G47390
5221	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G45310
5222	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G01610
5223	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G33090
5224	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G27660
5225	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G53350
5226	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G60160
5227	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G60360
5228	2	L4 vs. M4	M4 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G65760
5229	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G47128
5230	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT2G25940
5231	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G19390
5232	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G45010
5233	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G45310
5234	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G01610
5235	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G11310
5236	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G32940
5237	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G27660
5238	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G45890
5239	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G50260
5240	2	L4 vs. M4	M4 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G60360
5241	2	L4 vs. M4	M4 up	GO:0052692	Metabolism	Catabolism	raffinose alpha-galactosidase activity	F	AT5G08380

5242	2	L4 vs. M4	M4 up	GO:1990116	Metabolism	Catabolism	ribosome-associated ubiquitin-dependent protein catabolic process	P	AT5G49930
5243	2	L4 vs. M4	M4 up	GO:0006401	Metabolism	Catabolism	RNA catabolic process	P	AT2G02990
5244	2	L4 vs. M4	M4 up	GO:0090502	Metabolism	Catabolism	RNA phosphodiester bond hydrolysis, endonucleolytic	P	AT1G11190
5245	2	L4 vs. M4	M4 up	GO:0016075	Metabolism	Catabolism	rRNA catabolic process	P	AT3G07750
5246	2	L4 vs. M4	M4 up	GO:0046244	Metabolism	Catabolism	salicylic acid catabolic process	P	AT2G37040
5247	2	L4 vs. M4	M4 up	GO:0010282	Metabolism	Catabolism	senescence-associated vacuole	C	AT5G45890
5248	2	L4 vs. M4	M4 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT3G45010
5249	2	L4 vs. M4	M4 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT2G47390
5250	2	L4 vs. M4	M4 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G27660
5251	2	L4 vs. M4	M4 up	GO:0006567	Metabolism	Catabolism	threonine catabolic process	P	AT3G04520
5252	2	L4 vs. M4	M4 up	GO:0006210	Metabolism	Catabolism	thymine catabolic process	P	AT3G17810
5253	2	L4 vs. M4	M4 up	GO:0019441	Metabolism	Catabolism	tryptophan catabolic process to kynurenine	P	AT2G40000
5254	2	L4 vs. M4	M4 up	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G36160
5255	2	L4 vs. M4	M4 up	GO:0031624	Metabolism	Catabolism	ubiquitin conjugating enzyme binding	F	AT1G32340
5256	2	L4 vs. M4	M4 up	GO:0000151	Metabolism	Catabolism	ubiquitin ligase complex	C	AT1G32340
5257	2	L4 vs. M4	M4 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G32340
5258	2	L4 vs. M4	M4 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G18290
5259	2	L4 vs. M4	M4 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT3G53420
5260	2	L4 vs. M4	M4 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT4G02890
5261	2	L4 vs. M4	M4 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G32340
5262	2	L4 vs. M4	M4 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G02890
5263	2	L4 vs. M4	M4 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G29040
5264	2	L4 vs. M4	M4 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G29340
5265	2	L4 vs. M4	M4 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G37490
5266	2	L4 vs. M4	M4 up	GO:0006212	Metabolism	Catabolism	uracil catabolic process	P	AT3G17810
5267	2	L4 vs. M4	M4 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT3G10740
5268	2	L4 vs. M4	M4 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT5G49360
5269	2	L4 vs. M4	M4 up	GO:0045493	Metabolism	Catabolism	xylan catabolic process	P	AT3G10740
5270	2	L4 vs. M4	M4 up	GO:0045493	Metabolism	Catabolism	xylan catabolic process	P	AT5G49360
5271	2	L4 vs. M4	M4 up	GO:0051990	Metabolism	Metabolism	(R)-2-hydroxyglutarate dehydrogenase activity	F	AT4G36400
5272	2	L4 vs. M4	M4 up	GO:0009257	Metabolism	Metabolism	10-formyltetrahydrofolate biosynthetic process	P	AT1G50480
5273	2	L4 vs. M4	M4 up	GO:0016629	Metabolism	Metabolism	12-oxophytodienoate reductase activity	F	AT2G06050
5274	2	L4 vs. M4	M4 up	GO:0009979	Metabolism	Metabolism	16:0 monogalactosyldiacylglycerol desaturase activity	F	AT1G06350
5275	2	L4 vs. M4	M4 up	GO:0046537	Metabolism	Metabolism	2,3-bisphosphoglycerate-independent phosphoglycerate mutase activity	F	AT3G08590
5276	2	L4 vs. M4	M4 up	GO:0047545	Metabolism	Metabolism	2-hydroxyglutarate dehydrogenase activity	F	AT4G36400
5277	2	L4 vs. M4	M4 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G04140
5278	2	L4 vs. M4	M4 up	GO:0004028	Metabolism	Metabolism	3-chloroallyl aldehyde dehydrogenase activity	F	AT4G36250
5279	2	L4 vs. M4	M4 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT1G03190
5280	2	L4 vs. M4	M4 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG00340
5281	2	L4 vs. M4	M4 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG00350
5282	2	L4 vs. M4	M4 up	GO:0102217	Metabolism	Metabolism	6-phosphoglucan, water dikinase activity	F	AT5G26570
5283	2	L4 vs. M4	M4 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G13180
5284	2	L4 vs. M4	M4 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT1G13180
5285	2	L4 vs. M4	M4 up	GO:0045300	Metabolism	Metabolism	acyl-[acyl-carrier-protein] desaturase activity	F	AT3G02630
5286	2	L4 vs. M4	M4 up	GO:0004024	Metabolism	Metabolism	alcohol dehydrogenase activity, zinc-dependent	F	AT5G42250
5287	2	L4 vs. M4	M4 up	GO:0006066	Metabolism	Metabolism	alcohol metabolic process	P	AT3G23410
5288	2	L4 vs. M4	M4 up	GO:0046423	Metabolism	Metabolism	allene-oxide cyclase activity	F	AT3G25760
5289	2	L4 vs. M4	M4 up	GO:0009308	Metabolism	Metabolism	amine metabolic process	P	AT4G12280
5290	2	L4 vs. M4	M4 up	GO:0016597	Metabolism	Metabolism	amino acid binding	F	AT4G13930
5291	2	L4 vs. M4	M4 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G04140
5292	2	L4 vs. M4	M4 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT2G02990

5293	2	L4 vs. M4	M4 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT5G42800
5294	2	L4 vs. M4	M4 up	GO:0009073	Metabolism	Metabolism	aromatic amino acid family biosynthetic process	P	AT1G48860
5295	2	L4 vs. M4	M4 up	GO:0034314	Metabolism	Metabolism	Arp2/3 complex-mediated actin nucleation	P	AT1G13180
5296	2	L4 vs. M4	M4 up	GO:0005885	Metabolism	Metabolism	Arp2/3 protein complex	C	AT1G13180
5297	2	L4 vs. M4	M4 up	GO:0042500	Metabolism	Metabolism	aspartic endopeptidase activity, intramembrane cleaving	F	AT4G33410
5298	2	L4 vs. M4	M4 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G62290
5299	2	L4 vs. M4	M4 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT1G02810
5300	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G02520
5301	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G03190
5302	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G09450
5303	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G13180
5304	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G14000
5305	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G14610
5306	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G15500
5307	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G27770
5308	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50480
5309	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G51980
5310	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G60810
5311	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G73080
5312	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01320
5313	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07680
5314	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G17290
5315	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G22360
5316	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G24360
5317	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G30360
5318	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31390
5319	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G33210
5320	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G34660
5321	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G44350
5322	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G47060
5323	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G48010
5324	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G09440
5325	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G09660
5326	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G14050
5327	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G17470
5328	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21250
5329	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G45640
5330	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G49670
5331	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G50530
5332	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G51240
5333	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G59140
5334	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G62150
5335	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G14680
5336	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G24400
5337	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G29040
5338	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G32840
5339	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G35230
5340	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39850
5341	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G03730
5342	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G08590
5343	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G16570
5344	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G26570
5345	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G37600
5346	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G40010

5347	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G53350
5348	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G53450
5349	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G57350
5350	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G58270
5351	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G61030
5352	2	L4 vs. M4	M4 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G66760
5353	2	L4 vs. M4	M4 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT5G53350
5354	2	L4 vs. M4	M4 up	GO:0018874	Metabolism	Metabolism	benzoate metabolic process	P	AT2G43820
5355	2	L4 vs. M4	M4 up	GO:0052641	Metabolism	Metabolism	benzoic acid glucosyltransferase activity	F	AT2G43820
5356	2	L4 vs. M4	M4 up	GO:0019483	Metabolism	Metabolism	beta-alanine biosynthetic process	P	AT3G17810
5357	2	L4 vs. M4	M4 up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT1G45130
5358	2	L4 vs. M4	M4 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT2G44450
5359	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G07040
5360	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G09310
5361	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G48200
5362	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G67920
5363	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G74640
5364	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G17710
5365	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G21820
5366	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G25670
5367	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G39650
5368	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G42760
5369	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G04350
5370	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G22240
5371	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50170
5372	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24130
5373	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28260
5374	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G29780
5375	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G34080
5376	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G05250
5377	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G10695
5378	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11000
5379	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19860
5380	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G43390
5381	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G57340
5382	2	L4 vs. M4	M4 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64460
5383	2	L4 vs. M4	M4 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G57010
5384	2	L4 vs. M4	M4 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT5G36160
5385	2	L4 vs. M4	M4 up	GO:0010120	Metabolism	Metabolism	camalexin biosynthetic process	P	AT3G45640
5386	2	L4 vs. M4	M4 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT2G46440
5387	2	L4 vs. M4	M4 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G15410
5388	2	L4 vs. M4	M4 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT1G70410
5389	2	L4 vs. M4	M4 up	GO:0016830	Metabolism	Metabolism	carbon-carbon lyase activity	F	AT5G17380
5390	2	L4 vs. M4	M4 up	GO:0016846	Metabolism	Metabolism	carbon-sulfur lyase activity	F	AT1G34040
5391	2	L4 vs. M4	M4 up	GO:0016831	Metabolism	Metabolism	carboxy-lyase activity	F	AT5G17380
5392	2	L4 vs. M4	M4 up	GO:0004180	Metabolism	Metabolism	carboxypeptidase activity	F	AT5G65760
5393	2	L4 vs. M4	M4 up	GO:0010291	Metabolism	Metabolism	carotene beta-ring hydroxylase activity	F	AT4G25700
5394	2	L4 vs. M4	M4 up	GO:0016119	Metabolism	Metabolism	carotene metabolic process	P	AT4G25700
5395	2	L4 vs. M4	M4 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT5G66420
5396	2	L4 vs. M4	M4 up	GO:0006081	Metabolism	Metabolism	cellular aldehyde metabolic process	P	AT4G36250
5397	2	L4 vs. M4	M4 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G36160
5398	2	L4 vs. M4	M4 up	GO:0044249	Metabolism	Metabolism	cellular biosynthetic process	P	AT2G05830
5399	2	L4 vs. M4	M4 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G32530
5400	2	L4 vs. M4	M4 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT2G32530
5401	2	L4 vs. M4	M4 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT2G32530
5402	2	L4 vs. M4	M4 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT2G46440

5403	2	L4 vs. M4	M4 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G15410
5404	2	L4 vs. M4	M4 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT4G19810
5405	2	L4 vs. M4	M4 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT4G19810
5406	2	L4 vs. M4	M4 up	GO:0009423	Metabolism	Metabolism	chorismate biosynthetic process	P	AT1G48860
5407	2	L4 vs. M4	M4 up	GO:0009800	Metabolism	Metabolism	cinnamic acid biosynthetic process	P	AT2G37040
5408	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G50480
5409	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G04400
5410	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G33210
5411	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G04120
5412	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G12280
5413	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G37600
5414	2	L4 vs. M4	M4 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G61030
5415	2	L4 vs. M4	M4 up	GO:0017172	Metabolism	Metabolism	cysteine dioxygenase activity	F	AT3G58670
5416	2	L4 vs. M4	M4 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT1G47128
5417	2	L4 vs. M4	M4 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT5G45890
5418	2	L4 vs. M4	M4 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT5G60360
5419	2	L4 vs. M4	M4 up	GO:0016554	Metabolism	Metabolism	cytidine to uridine editing	P	AT5G61030
5420	2	L4 vs. M4	M4 up	GO:0006189	Metabolism	Metabolism	'de novo' IMP biosynthetic process	P	AT2G35040
5421	2	L4 vs. M4	M4 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT1G48300
5422	2	L4 vs. M4	M4 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT1G54570
5423	2	L4 vs. M4	M4 up	GO:0008837	Metabolism	Metabolism	diaminopimelate epimerase activity	F	AT3G53580
5424	2	L4 vs. M4	M4 up	GO:0045552	Metabolism	Metabolism	dihydrokaempferol 4-reductase activity	F	AT5G42800
5425	2	L4 vs. M4	M4 up	GO:0004148	Metabolism	Metabolism	dihydrolipoyl dehydrogenase activity	F	AT3G16950
5426	2	L4 vs. M4	M4 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G51240
5427	2	L4 vs. M4	M4 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT4G25310
5428	2	L4 vs. M4	M4 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G05600
5429	2	L4 vs. M4	M4 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT5G65760
5430	2	L4 vs. M4	M4 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G22190
5431	2	L4 vs. M4	M4 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G04120
5432	2	L4 vs. M4	M4 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G17310
5433	2	L4 vs. M4	M4 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G13180
5434	2	L4 vs. M4	M4 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12710
5435	2	L4 vs. M4	M4 up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT5G38460
5436	2	L4 vs. M4	M4 up	GO:0042281	Metabolism	Metabolism	dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase activity	F	AT5G38460
5437	2	L4 vs. M4	M4 up	GO:0042732	Metabolism	Metabolism	D-xylose metabolic process	P	AT3G53520
5438	2	L4 vs. M4	M4 up	GO:0008843	Metabolism	Metabolism	endochitinase activity	F	AT4G19810
5439	2	L4 vs. M4	M4 up	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT3G01780
5440	2	L4 vs. M4	M4 up	GO:0004866	Metabolism	Metabolism	endopeptidase inhibitor activity	F	AT1G73260
5441	2	L4 vs. M4	M4 up	GO:0016891	Metabolism	Metabolism	endoribonuclease activity, producing 5'-phosphomonoesters	F	AT1G11190
5442	2	L4 vs. M4	M4 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G20740
5443	2	L4 vs. M4	M4 up	GO:0035885	Metabolism	Metabolism	exochitinase activity	F	AT4G19810
5444	2	L4 vs. M4	M4 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G58430
5445	2	L4 vs. M4	M4 up	GO:0010409	Metabolism	Metabolism	extensin metabolic process	P	AT3G57630
5446	2	L4 vs. M4	M4 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT4G36400
5447	2	L4 vs. M4	M4 up	GO:0006747	Metabolism	Metabolism	FAD biosynthetic process	P	AT5G03430
5448	2	L4 vs. M4	M4 up	GO:0000293	Metabolism	Metabolism	ferric-chelate reductase activity	F	AT1G23020
5449	2	L4 vs. M4	M4 up	GO:0047890	Metabolism	Metabolism	flavanone 4-reductase activity	F	AT5G42800
5450	2	L4 vs. M4	M4 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G16950
5451	2	L4 vs. M4	M4 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G23410
5452	2	L4 vs. M4	M4 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G66760
5453	2	L4 vs. M4	M4 up	GO:0047893	Metabolism	Metabolism	flavonol 3-O-glucosyltransferase activity	F	AT4G34135
5454	2	L4 vs. M4	M4 up	GO:0033836	Metabolism	Metabolism	flavonol 7-O-beta-glucosyltransferase activity	F	AT4G34135
5455	2	L4 vs. M4	M4 up	GO:0003919	Metabolism	Metabolism	FMN adenylyltransferase activity	F	AT5G03430

5456	2	L4 vs. M4	M4 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT2G06050
5457	2	L4 vs. M4	M4 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT4G18360
5458	2	L4 vs. M4	M4 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT4G36750
5459	2	L4 vs. M4	M4 up	GO:0046655	Metabolism	Metabolism	folic acid metabolic process	P	AT4G13930
5460	2	L4 vs. M4	M4 up	GO:0004329	Metabolism	Metabolism	formate-tetrahydrofolate ligase activity	F	AT1G50480
5461	2	L4 vs. M4	M4 up	GO:0006004	Metabolism	Metabolism	fucose metabolic process	P	AT5G15740
5462	2	L4 vs. M4	M4 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT1G72660
5463	2	L4 vs. M4	M4 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT4G37260
5464	2	L4 vs. M4	M4 up	GO:0006537	Metabolism	Metabolism	glutamate biosynthetic process	P	AT5G04140
5465	2	L4 vs. M4	M4 up	GO:0016041	Metabolism	Metabolism	glutamate synthase (ferredoxin) activity	F	AT5G04140
5466	2	L4 vs. M4	M4 up	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT5G16570
5467	2	L4 vs. M4	M4 up	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT5G37600
5468	2	L4 vs. M4	M4 up	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT5G16570
5469	2	L4 vs. M4	M4 up	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT5G37600
5470	2	L4 vs. M4	M4 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT1G45145
5471	2	L4 vs. M4	M4 up	GO:0004371	Metabolism	Metabolism	glycerone kinase activity	F	AT1G48430
5472	2	L4 vs. M4	M4 up	GO:0006545	Metabolism	Metabolism	glycine biosynthetic process	P	AT3G04520
5473	2	L4 vs. M4	M4 up	GO:0019264	Metabolism	Metabolism	glycine biosynthetic process from serine	P	AT4G13930
5474	2	L4 vs. M4	M4 up	GO:0004372	Metabolism	Metabolism	glycine hydroxymethyltransferase activity	F	AT4G13930
5475	2	L4 vs. M4	M4 up	GO:0006544	Metabolism	Metabolism	glycine metabolic process	P	AT4G13930
5476	2	L4 vs. M4	M4 up	GO:0018920	Metabolism	Metabolism	glyphosate metabolic process	P	AT1G48860
5477	2	L4 vs. M4	M4 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT3G53520
5478	2	L4 vs. M4	M4 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G72660
5479	2	L4 vs. M4	M4 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G14050
5480	2	L4 vs. M4	M4 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G17470
5481	2	L4 vs. M4	M4 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G02790
5482	2	L4 vs. M4	M4 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G05570
5483	2	L4 vs. M4	M4 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G58590
5484	2	L4 vs. M4	M4 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G72660
5485	2	L4 vs. M4	M4 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G02790
5486	2	L4 vs. M4	M4 up	GO:0015969	Metabolism	Metabolism	guanosine tetraphosphate metabolic process	P	AT3G14050
5487	2	L4 vs. M4	M4 up	GO:0015969	Metabolism	Metabolism	guanosine tetraphosphate metabolic process	P	AT3G17470
5488	2	L4 vs. M4	M4 up	GO:0004383	Metabolism	Metabolism	guanylate cyclase activity	F	AT1G73080
5489	2	L4 vs. M4	M4 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G40000
5490	2	L4 vs. M4	M4 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G45580
5491	2	L4 vs. M4	M4 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G14620
5492	2	L4 vs. M4	M4 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G50660
5493	2	L4 vs. M4	M4 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G36380
5494	2	L4 vs. M4	M4 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39480
5495	2	L4 vs. M4	M4 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT4G14680
5496	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G17430
5497	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G74640
5498	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G80280
5499	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G02875
5500	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G15650
5501	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G62550
5502	2	L4 vs. M4	M4 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G25700
5503	2	L4 vs. M4	M4 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT5G45950
5504	2	L4 vs. M4	M4 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G26140
5505	2	L4 vs. M4	M4 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G19480
5506	2	L4 vs. M4	M4 up	GO:0003937	Metabolism	Metabolism	IMP cyclohydrolase activity	F	AT2G35040
5507	2	L4 vs. M4	M4 up	GO:0004425	Metabolism	Metabolism	indole-3-glycerol-phosphate synthase activity	F	AT2G04400
5508	2	L4 vs. M4	M4 up	GO:0000822	Metabolism	Metabolism	inositol hexakisphosphate binding	F	AT2G03240
5509	2	L4 vs. M4	M4 up	GO:0005242	Metabolism	Metabolism	inward rectifier potassium channel activity	F	AT5G15410
5510	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G45580

5511	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G14620
5512	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G18290
5513	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G50660
5514	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G25700
5515	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G36380
5516	2	L4 vs. M4	M4 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G39480
5517	2	L4 vs. M4	M4 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT3G17810
5518	2	L4 vs. M4	M4 up	GO:0046951	Metabolism	Metabolism	ketone body biosynthetic process	P	AT2G26800
5519	2	L4 vs. M4	M4 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT4G18360
5520	2	L4 vs. M4	M4 up	GO:0008732	Metabolism	Metabolism	L-allo-threonine aldolase activity	F	AT3G04520
5521	2	L4 vs. M4	M4 up	GO:0046373	Metabolism	Metabolism	L-arabinose metabolic process	P	AT3G10740
5522	2	L4 vs. M4	M4 up	GO:0097054	Metabolism	Metabolism	L-glutamate biosynthetic process	P	AT5G04140
5523	2	L4 vs. M4	M4 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT3G18290
5524	2	L4 vs. M4	M4 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT1G75880
5525	2	L4 vs. M4	M4 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G60810
5526	2	L4 vs. M4	M4 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G62290
5527	2	L4 vs. M4	M4 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G73650
5528	2	L4 vs. M4	M4 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT2G26800
5529	2	L4 vs. M4	M4 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT4G18360
5530	2	L4 vs. M4	M4 up	GO:0046577	Metabolism	Metabolism	long-chain-alcohol oxidase activity	F	AT3G23410
5531	2	L4 vs. M4	M4 up	GO:0004838	Metabolism	Metabolism	L-tyrosine:2-oxoglutarate aminotransferase activity	F	AT5G36160
5532	2	L4 vs. M4	M4 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G02990
5533	2	L4 vs. M4	M4 up	GO:0019878	Metabolism	Metabolism	lysine biosynthetic process via aminoadipic acid	P	AT4G33150
5534	2	L4 vs. M4	M4 up	GO:0009089	Metabolism	Metabolism	lysine biosynthetic process via diaminopimelate	P	AT3G53580
5535	2	L4 vs. M4	M4 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G35840
5536	2	L4 vs. M4	M4 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G17380
5537	2	L4 vs. M4	M4 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G57350
5538	2	L4 vs. M4	M4 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT3G08590
5539	2	L4 vs. M4	M4 up	GO:0008381	Metabolism	Metabolism	mechanosensitive ion channel activity	F	AT5G12080
5540	2	L4 vs. M4	M4 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT4G18360
5541	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G03190
5542	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G11190
5543	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27770
5544	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G32340
5545	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G51980
5546	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22360
5547	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G30020
5548	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40000
5549	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02630
5550	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02875
5551	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G09660
5552	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12070
5553	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22370
5554	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24670
5555	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G50530
5556	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G51240
5557	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G58670
5558	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G25310
5559	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32840
5560	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04140
5561	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05600
5562	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G26570
5563	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G35735
5564	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G43380
5565	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47930
5566	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G50400

5567	2	L4 vs. M4	M4 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G53140
5568	2	L4 vs. M4	M4 up	GO:0070006	Metabolism	Metabolism	metalloaminopeptidase activity	F	AT4G33090
5569	2	L4 vs. M4	M4 up	GO:0070006	Metabolism	Metabolism	metalloaminopeptidase activity	F	AT5G60160
5570	2	L4 vs. M4	M4 up	GO:0004477	Metabolism	Metabolism	methenyltetrahydrofolate cyclohydrolase activity	F	AT1G50480
5571	2	L4 vs. M4	M4 up	GO:0102078	Metabolism	Metabolism	methyl jasmonate methylesterase activity	F	AT1G19640
5572	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G27590
5573	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G34300
5574	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G05390
5575	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G17310
5576	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G53400
5577	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G33120
5578	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G01710
5579	2	L4 vs. M4	M4 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G05570
5580	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G23710
5581	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G35140
5582	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G48200
5583	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G67920
5584	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G14900
5585	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17710
5586	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G21820
5587	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G23810
5588	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G25670
5589	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G35880
5590	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G39650
5591	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G42760
5592	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G04350
5593	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G22240
5594	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G49470
5595	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50170
5596	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24110
5597	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29780
5598	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G30996
5599	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G34080
5600	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G05250
5601	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11000
5602	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G16780
5603	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G42680
5604	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G43390
5605	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G57340
5606	2	L4 vs. M4	M4 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G67370
5607	2	L4 vs. M4	M4 up	GO:0006777	Metabolism	Metabolism	Mo-molybdopterin cofactor biosynthetic process	P	AT5G58270
5608	2	L4 vs. M4	M4 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G14620
5609	2	L4 vs. M4	M4 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G50660
5610	2	L4 vs. M4	M4 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G36380
5611	2	L4 vs. M4	M4 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G39480
5612	2	L4 vs. M4	M4 up	GO:0045159	Metabolism	Metabolism	myosin II binding	F	AT5G05570
5613	2	L4 vs. M4	M4 up	GO:0010013	Metabolism	Metabolism	N-1-naphthylphthalamic acid binding	F	AT4G33090
5614	2	L4 vs. M4	M4 up	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT3G51240
5615	2	L4 vs. M4	M4 up	GO:0030418	Metabolism	Metabolism	nicotianamine biosynthetic process	P	AT1G56430
5616	2	L4 vs. M4	M4 up	GO:0030410	Metabolism	Metabolism	nicotianamine synthase activity	F	AT1G56430
5617	2	L4 vs. M4	M4 up	GO:0090704	Metabolism	Metabolism	nicotinate-O-glucosyltransferase activity	F	AT2G43820
5618	2	L4 vs. M4	M4 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G69870
5619	2	L4 vs. M4	M4 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G16570
5620	2	L4 vs. M4	M4 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G37600
5621	2	L4 vs. M4	M4 up	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT3G16410
5622	2	L4 vs. M4	M4 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT3G54140

5623	2	L4 vs. M4	M4 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT4G36400
5624	2	L4 vs. M4	M4 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT1G11190
5625	2	L4 vs. M4	M4 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT3G51800
5626	2	L4 vs. M4	M4 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT5G05570
5627	2	L4 vs. M4	M4 up	GO:0070012	Metabolism	Metabolism	oligopeptidase activity	F	AT1G20380
5628	2	L4 vs. M4	M4 up	GO:0006490	Metabolism	Metabolism	oligosaccharide-lipid intermediate biosynthetic process	P	AT5G38460
5629	2	L4 vs. M4	M4 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G13930
5630	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01800
5631	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06350
5632	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G23020
5633	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G45145
5634	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G51980
5635	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G54100
5636	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76470
5637	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G06050
5638	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G45580
5639	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G02630
5640	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G04120
5641	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G14620
5642	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G16950
5643	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G17810
5644	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G22370
5645	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G23410
5646	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50660
5647	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G51240
5648	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G58670
5649	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G12280
5650	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G22870
5651	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25310
5652	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25700
5653	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G33150
5654	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36250
5655	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36380
5656	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36400
5657	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36750
5658	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39480
5659	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G04140
5660	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G05600
5661	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G35735
5662	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42250
5663	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42800
5664	2	L4 vs. M4	M4 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG01100
5665	2	L4 vs. M4	M4 up	GO:0017077	Metabolism	Metabolism	oxidative phosphorylation uncoupler activity	F	AT2G22500
5666	2	L4 vs. M4	M4 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT1G19640
5667	2	L4 vs. M4	M4 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT2G06050
5668	2	L4 vs. M4	M4 up	GO:0046482	Metabolism	Metabolism	para-aminobenzoic acid metabolic process	P	AT1G05560
5669	2	L4 vs. M4	M4 up	GO:0046482	Metabolism	Metabolism	para-aminobenzoic acid metabolic process	P	AT2G43820
5670	2	L4 vs. M4	M4 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G24670
5671	2	L4 vs. M4	M4 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT5G45280
5672	2	L4 vs. M4	M4 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G28340
5673	2	L4 vs. M4	M4 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT5G15740
5674	2	L4 vs. M4	M4 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT1G02810
5675	2	L4 vs. M4	M4 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT1G02810
5676	2	L4 vs. M4	M4 up	GO:0042277	Metabolism	Metabolism	peptide binding	F	AT4G33090
5677	2	L4 vs. M4	M4 up	GO:0045548	Metabolism	Metabolism	phenylalanine ammonia-lyase activity	F	AT2G37040

5678	2	L4 vs. M4	M4 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G37040
5679	2	L4 vs. M4	M4 up	GO:0080124	Metabolism	Metabolism	pheophytinase activity	F	AT5G13800
5680	2	L4 vs. M4	M4 up	GO:0051752	Metabolism	Metabolism	phosphoglucan, water dikinase activity	F	AT5G26570
5681	2	L4 vs. M4	M4 up	GO:0102219	Metabolism	Metabolism	phosphogluco-amylopectin water dikinase activity	F	AT5G26570
5682	2	L4 vs. M4	M4 up	GO:0004643	Metabolism	Metabolism	phosphoribosylaminoimidazolecarboxamide formyltransferase activity	F	AT2G35040
5683	2	L4 vs. M4	M4 up	GO:0004640	Metabolism	Metabolism	phosphoribosylanthranilate isomerase activity	F	AT2G04400
5684	2	L4 vs. M4	M4 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G14050
5685	2	L4 vs. M4	M4 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G17470
5686	2	L4 vs. M4	M4 up	GO:0033306	Metabolism	Metabolism	phytol metabolic process	P	AT1G54570
5687	2	L4 vs. M4	M4 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G28340
5688	2	L4 vs. M4	M4 up	GO:0008187	Metabolism	Metabolism	poly-pyrimidine tract binding	F	AT4G36690
5689	2	L4 vs. M4	M4 up	GO:0008131	Metabolism	Metabolism	primary amine oxidase activity	F	AT4G12280
5690	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G03190
5691	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G04750
5692	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G05560
5693	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G10970
5694	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14000
5695	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14320
5696	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G18740
5697	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G22190
5698	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G47128
5699	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G70410
5700	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G73080
5701	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G80840
5702	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G06530
5703	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17290
5704	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G19480
5705	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G19620
5706	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G20890
5707	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G30360
5708	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37040
5709	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40000
5710	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46600
5711	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G47060
5712	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G04120
5713	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G09440
5714	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16470
5715	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G18290
5716	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G19390
5717	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G27120
5718	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45640
5719	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G49080
5720	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G49670
5721	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G51800
5722	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G05420
5723	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13930
5724	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29160
5725	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35230
5726	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36690
5727	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37260
5728	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39850
5729	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G03730
5730	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G04140
5731	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G04150

5732	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G08590
5733	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13180
5734	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13800
5735	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16570
5736	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G37600
5737	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42050
5738	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42800
5739	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G58430
5740	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G58590
5741	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G61030
5742	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64350
5743	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G66030
5744	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67300
5745	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67480
5746	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00270
5747	2	L4 vs. M4	M4 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00680
5748	2	L4 vs. M4	M4 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT5G57350
5749	2	L4 vs. M4	M4 up	GO:0009113	Metabolism	Metabolism	purine nucleobase biosynthetic process	P	AT1G50480
5750	2	L4 vs. M4	M4 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G13930
5751	2	L4 vs. M4	M4 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G36160
5752	2	L4 vs. M4	M4 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT1G05560
5753	2	L4 vs. M4	M4 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G43820
5754	2	L4 vs. M4	M4 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT1G05560
5755	2	L4 vs. M4	M4 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G43820
5756	2	L4 vs. M4	M4 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT4G34135
5757	2	L4 vs. M4	M4 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT4G12280
5758	2	L4 vs. M4	M4 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01100
5759	2	L4 vs. M4	M4 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01110
5760	2	L4 vs. M4	M4 up	GO:0010395	Metabolism	Metabolism	rhamnogalacturonan I metabolic process	P	AT5G15740
5761	2	L4 vs. M4	M4 up	GO:0004753	Metabolism	Metabolism	saccharopine dehydrogenase activity	F	AT4G33150
5762	2	L4 vs. M4	M4 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT1G19640
5763	2	L4 vs. M4	M4 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT2G44450
5764	2	L4 vs. M4	M4 up	GO:0070905	Metabolism	Metabolism	serine binding	F	AT4G13930
5765	2	L4 vs. M4	M4 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT5G65760
5766	2	L4 vs. M4	M4 up	GO:0016987	Metabolism	Metabolism	sigma factor activity	F	AT3G53920
5767	2	L4 vs. M4	M4 up	GO:0046523	Metabolism	Metabolism	S-methyl-5-thioribose-1-phosphate isomerase activity	F	AT2G05830
5768	2	L4 vs. M4	M4 up	GO:0005483	Metabolism	Metabolism	soluble NSF attachment protein activity	F	AT3G56190
5769	2	L4 vs. M4	M4 up	GO:0102786	Metabolism	Metabolism	stearoyl-[acp] desaturase activity	F	AT3G02630
5770	2	L4 vs. M4	M4 up	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT5G66760
5771	2	L4 vs. M4	M4 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT2G35840
5772	2	L4 vs. M4	M4 up	GO:0004781	Metabolism	Metabolism	sulfate adenylyltransferase (ATP) activity	F	AT4G14680
5773	2	L4 vs. M4	M4 up	GO:0019905	Metabolism	Metabolism	syntaxin binding	F	AT3G56190
5774	2	L4 vs. M4	M4 up	GO:0019905	Metabolism	Metabolism	syntaxin binding	F	AT5G05570
5775	2	L4 vs. M4	M4 up	GO:0017025	Metabolism	Metabolism	TBP-class protein binding	F	AT4G29040
5776	2	L4 vs. M4	M4 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT1G50480
5777	2	L4 vs. M4	M4 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT4G13930
5778	2	L4 vs. M4	M4 up	GO:0046653	Metabolism	Metabolism	tetrahydrofolate metabolic process	P	AT4G13930
5779	2	L4 vs. M4	M4 up	GO:0030976	Metabolism	Metabolism	thiamine pyrophosphate binding	F	AT5G17380
5780	2	L4 vs. M4	M4 up	GO:0004793	Metabolism	Metabolism	threonine aldolase activity	F	AT3G04520
5781	2	L4 vs. M4	M4 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G34040
5782	2	L4 vs. M4	M4 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G25155
5783	2	L4 vs. M4	M4 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT2G05830
5784	2	L4 vs. M4	M4 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G75880
5785	2	L4 vs. M4	M4 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT4G28260

5786	2	L4 vs. M4	M4 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G28680
5787	2	L4 vs. M4	M4 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G65450
5788	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G05560
5789	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G05570
5790	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G06410
5791	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G78580
5792	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G18570
5793	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G32530
5794	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G43820
5795	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G57630
5796	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G10120
5797	2	L4 vs. M4	M4 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G15740
5798	2	L4 vs. M4	M4 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT2G18570
5799	2	L4 vs. M4	M4 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT1G48300
5800	2	L4 vs. M4	M4 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT1G54570
5801	2	L4 vs. M4	M4 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT2G04400
5802	2	L4 vs. M4	M4 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT5G54810
5803	2	L4 vs. M4	M4 up	GO:0004834	Metabolism	Metabolism	tryptophan synthase activity	F	AT5G54810
5804	2	L4 vs. M4	M4 up	GO:0033320	Metabolism	Metabolism	UDP-D-xylose biosynthetic process	P	AT3G53520
5805	2	L4 vs. M4	M4 up	GO:0080002	Metabolism	Metabolism	UDP-glucose:4-aminobenzoate acylglucosyltransferase activity	F	AT1G05560
5806	2	L4 vs. M4	M4 up	GO:0080002	Metabolism	Metabolism	UDP-glucose:4-aminobenzoate acylglucosyltransferase activity	F	AT2G43820
5807	2	L4 vs. M4	M4 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT1G05560
5808	2	L4 vs. M4	M4 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT2G43820
5809	2	L4 vs. M4	M4 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT4G34135
5810	2	L4 vs. M4	M4 up	GO:0048040	Metabolism	Metabolism	UDP-glucuronate decarboxylase activity	F	AT3G53520
5811	2	L4 vs. M4	M4 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT1G05560
5812	2	L4 vs. M4	M4 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G18570
5813	2	L4 vs. M4	M4 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G43820
5814	2	L4 vs. M4	M4 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G34135
5815	2	L4 vs. M4	M4 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT5G15740
5816	2	L4 vs. M4	M4 up	GO:0002058	Metabolism	Metabolism	uracil binding	F	AT3G17810
5817	2	L4 vs. M4	M4 up	GO:0006624	Metabolism	Metabolism	vacuolar protein processing	P	AT2G25940
5818	2	L4 vs. M4	M4 up	GO:0006624	Metabolism	Metabolism	vacuolar protein processing	P	AT4G32940
5819	2	L4 vs. M4	M4 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G01120
5820	2	L4 vs. M4	M4 up	GO:0016123	Metabolism	Metabolism	xanthophyll biosynthetic process	P	AT4G25700
5821	2	L4 vs. M4	M4 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT5G13180
5822	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G70410
5823	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G44350
5824	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G18290
5825	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G13930
5826	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G33090
5827	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G42250
5828	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G49930
5829	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G60160
5830	2	L4 vs. M4	M4 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G67480
5831	2	L4 vs. M4	M4 up	GO:0016117	Metabolism	Photosynthesis	carotenoid biosynthetic process	P	AT2G26170
5832	2	L4 vs. M4	M4 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00340
5833	2	L4 vs. M4	M4 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00350
5834	2	L4 vs. M4	M4 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00680
5835	2	L4 vs. M4	M4 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00690
5836	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G01800
5837	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G02810

5838	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G05300
5839	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G05560
5840	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G07040
5841	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G10970
5842	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G14610
5843	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G15500
5844	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G18700
5845	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19170
5846	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27770
5847	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29340
5848	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G34040
5849	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G48200
5850	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G48860
5851	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50480
5852	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54100
5853	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54570
5854	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67660
5855	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G69870
5856	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70410
5857	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G73650
5858	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74640
5859	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78580
5860	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80270
5861	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01320
5862	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G04400
5863	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18570
5864	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20890
5865	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G22360
5866	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26170
5867	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26190
5868	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26800
5869	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G30020
5870	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31390
5871	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31530
5872	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G35040
5873	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44350
5874	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47390
5875	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02630
5876	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02875
5877	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04120
5878	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G09440
5879	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14050
5880	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15650
5881	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G16470
5882	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G16950
5883	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17040
5884	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17470
5885	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17810
5886	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G21250
5887	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25760
5888	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G28340
5889	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G53580
5890	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G53920
5891	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54960
5892	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55760
5893	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56190

5894	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57010
5895	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G59140
5896	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G62910
5897	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02790
5898	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14680
5899	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25700
5900	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36380
5901	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04140
5902	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11000
5903	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13100
5904	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13800
5905	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G17380
5906	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19860
5907	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G20740
5908	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G26570
5909	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G27380
5910	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36170
5911	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36210
5912	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42250
5913	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42680
5914	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G43390
5915	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45890
5916	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50400
5917	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G52540
5918	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53140
5919	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53350
5920	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53450
5921	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G54810
5922	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G57350
5923	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58270
5924	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G60160
5925	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65760
5926	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G66420
5927	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G67370
5928	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00180
5929	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00270
5930	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00340
5931	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00350
5932	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00380
5933	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00560
5934	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00640
5935	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00660
5936	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00680
5937	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00690
5938	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00790
5939	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00820
5940	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01100
5941	2	L4 vs. M4	M4 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01110
5942	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G15500
5943	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G70410
5944	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G74640
5945	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G80270
5946	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G01320
5947	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G20890
5948	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G22360
5949	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G33210

5950	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G16950
5951	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G17040
5952	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G25760
5953	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G04140
5954	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G52540
5955	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G58270
5956	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00340
5957	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00350
5958	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00660
5959	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00790
5960	2	L4 vs. M4	M4 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00820
5961	2	L4 vs. M4	M4 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G27770
5962	2	L4 vs. M4	M4 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G15500
5963	2	L4 vs. M4	M4 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G61800
5964	2	L4 vs. M4	M4 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G67300
5965	2	L4 vs. M4	M4 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT3G17040
5966	2	L4 vs. M4	M4 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G25700
5967	2	L4 vs. M4	M4 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G31530
5968	2	L4 vs. M4	M4 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G62910
5969	2	L4 vs. M4	M4 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G58270
5970	2	L4 vs. M4	M4 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT2G20890
5971	2	L4 vs. M4	M4 up	GO:0043253	Metabolism	Photosynthesis	chloroplast ribosome	C	AT4G02790
5972	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G04400
5973	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G20890
5974	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G33210
5975	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G35040
5976	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G47390
5977	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G02630
5978	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G16950
5979	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G17040
5980	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G17810
5981	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G53580
5982	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55760
5983	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G14680
5984	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04140
5985	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G13800
5986	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G26570
5987	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G36170
5988	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G54810
5989	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00380
5990	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00660
5991	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00790
5992	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00820
5993	2	L4 vs. M4	M4 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG01110
5994	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G20890
5995	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00270
5996	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00340
5997	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00350
5998	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00560
5999	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00680
6000	2	L4 vs. M4	M4 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG01110
6001	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G10970
6002	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G74640
6003	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G20890
6004	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G22360
6005	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G25760

6006	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G13800
6007	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00270
6008	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00340
6009	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00350
6010	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00560
6011	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00680
6012	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00690
6013	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01100
6014	2	L4 vs. M4	M4 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01110
6015	2	L4 vs. M4	M4 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00270
6016	2	L4 vs. M4	M4 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00680
6017	2	L4 vs. M4	M4 up	GO:0045157	Metabolism	Photosynthesis	electron transporter, transferring electrons within the noncyclic electron transport pathway of photosynthesis activity	F	ATCG00270
6018	2	L4 vs. M4	M4 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT4G32840
6019	2	L4 vs. M4	M4 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT4G18360
6020	2	L4 vs. M4	M4 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G61800
6021	2	L4 vs. M4	M4 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG00350
6022	2	L4 vs. M4	M4 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG00690
6023	2	L4 vs. M4	M4 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG01100
6024	2	L4 vs. M4	M4 up	GO:0019685	Metabolism	Photosynthesis	photosynthesis, dark reaction	P	AT3G53920
6025	2	L4 vs. M4	M4 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	ATCG00340
6026	2	L4 vs. M4	M4 up	GO:0009769	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem II	P	ATCG00270
6027	2	L4 vs. M4	M4 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00680
6028	2	L4 vs. M4	M4 up	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT1G61800
6029	2	L4 vs. M4	M4 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00270
6030	2	L4 vs. M4	M4 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00680
6031	2	L4 vs. M4	M4 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG01110
6032	2	L4 vs. M4	M4 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	ATCG00340
6033	2	L4 vs. M4	M4 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	ATCG00350
6034	2	L4 vs. M4	M4 up	GO:0009538	Metabolism	Photosynthesis	photosystem I reaction center	C	ATCG00340
6035	2	L4 vs. M4	M4 up	GO:0009538	Metabolism	Photosynthesis	photosystem I reaction center	C	ATCG00350
6036	2	L4 vs. M4	M4 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00270
6037	2	L4 vs. M4	M4 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00680
6038	2	L4 vs. M4	M4 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00690
6039	2	L4 vs. M4	M4 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT2G20890
6040	2	L4 vs. M4	M4 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	ATCG00680
6041	2	L4 vs. M4	M4 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00560
6042	2	L4 vs. M4	M4 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00680
6043	2	L4 vs. M4	M4 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00690
6044	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G15500
6045	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G51980
6046	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G30020
6047	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G35040
6048	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G17810
6049	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G62910
6050	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16570
6051	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G17380
6052	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G19860
6053	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G26570
6054	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27380
6055	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G36160

6056	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G36210
6057	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G37600
6058	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G40780
6059	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47540
6060	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47930
6061	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49360
6062	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49930
6063	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G53140
6064	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57350
6065	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58270
6066	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58590
6067	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60160
6068	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60360
6069	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64140
6070	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64350
6071	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64460
6072	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G66760
6073	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00270
6074	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00340
6075	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00350
6076	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00380
6077	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00640
6078	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00660
6079	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00680
6080	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00790
6081	2	L4 vs. M4	M4 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00820
6082	2	L4 vs. M4	M4 up	GO:0009526	Metabolism	Photosynthesis	plastid envelope	C	AT2G31530
6083	2	L4 vs. M4	M4 up	GO:0009528	Metabolism	Photosynthesis	plastid inner membrane	C	AT2G20890
6084	2	L4 vs. M4	M4 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00640
6085	2	L4 vs. M4	M4 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00660
6086	2	L4 vs. M4	M4 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00790
6087	2	L4 vs. M4	M4 up	GO:0009657	Metabolism	Photosynthesis	plastid organization	P	AT3G17040
6088	2	L4 vs. M4	M4 up	GO:0009657	Metabolism	Photosynthesis	plastid organization	P	AT5G36170
6089	2	L4 vs. M4	M4 up	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT2G20890
6090	2	L4 vs. M4	M4 up	GO:0009547	Metabolism	Photosynthesis	plastid ribosome	C	ATCG00820
6091	2	L4 vs. M4	M4 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00380
6092	2	L4 vs. M4	M4 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00820
6093	2	L4 vs. M4	M4 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT2G20890
6094	2	L4 vs. M4	M4 up	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT3G62910
6095	2	L4 vs. M4	M4 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G54570
6096	2	L4 vs. M4	M4 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00270
6097	2	L4 vs. M4	M4 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00340
6098	2	L4 vs. M4	M4 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00350
6099	2	L4 vs. M4	M4 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00680
6100	2	L4 vs. M4	M4 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT2G20890
6101	2	L4 vs. M4	M4 up	GO:0045038	Metabolism	Photosynthesis	protein import into chloroplast thylakoid membrane	P	AT2G20890
6102	2	L4 vs. M4	M4 up	GO:0072598	Metabolism	Photosynthesis	protein localization to chloroplast	P	AT2G31530
6103	2	L4 vs. M4	M4 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00270
6104	2	L4 vs. M4	M4 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00340
6105	2	L4 vs. M4	M4 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00350
6106	2	L4 vs. M4	M4 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00680
6107	2	L4 vs. M4	M4 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT5G58270
6108	2	L4 vs. M4	M4 up	GO:0010109	Metabolism	Photosynthesis	regulation of photosynthesis	P	AT1G61800
6109	2	L4 vs. M4	M4 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00270
6110	2	L4 vs. M4	M4 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00340
6111	2	L4 vs. M4	M4 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00350

6112	2	L4 vs. M4	M4 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00560
6113	2	L4 vs. M4	M4 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00680
6114	2	L4 vs. M4	M4 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00690
6115	2	L4 vs. M4	M4 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G20890
6116	2	L4 vs. M4	M4 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G31530
6117	2	L4 vs. M4	M4 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT3G62910
6118	2	L4 vs. M4	M4 up	GO:0046715	Metabolism	Transporters	active borate transmembrane transporter activity	F	AT1G80760
6119	2	L4 vs. M4	M4 up	GO:0043090	Metabolism	Transporters	amino acid import	P	AT1G58360
6120	2	L4 vs. M4	M4 up	GO:0043090	Metabolism	Transporters	amino acid import	P	AT5G40780
6121	2	L4 vs. M4	M4 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G58360
6122	2	L4 vs. M4	M4 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G39890
6123	2	L4 vs. M4	M4 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G40780
6124	2	L4 vs. M4	M4 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G58360
6125	2	L4 vs. M4	M4 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G39890
6126	2	L4 vs. M4	M4 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G14940
6127	2	L4 vs. M4	M4 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G40780
6128	2	L4 vs. M4	M4 up	GO:0006820	Metabolism	Transporters	anion transport	P	AT5G12080
6129	2	L4 vs. M4	M4 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G61800
6130	2	L4 vs. M4	M4 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT2G22500
6131	2	L4 vs. M4	M4 up	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT1G15500
6132	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G02520
6133	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G01320
6134	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G07680
6135	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G34660
6136	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G21250
6137	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G59140
6138	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G62150
6139	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT4G39850
6140	2	L4 vs. M4	M4 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G58270
6141	2	L4 vs. M4	M4 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT2G07680
6142	2	L4 vs. M4	M4 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT2G34660
6143	2	L4 vs. M4	M4 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT3G21250
6144	2	L4 vs. M4	M4 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT3G59140
6145	2	L4 vs. M4	M4 up	GO:0046713	Metabolism	Transporters	borate transport	P	AT1G80760
6146	2	L4 vs. M4	M4 up	GO:0070509	Metabolism	Transporters	calcium ion import	P	AT5G15410
6147	2	L4 vs. M4	M4 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT1G27770
6148	2	L4 vs. M4	M4 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT1G27770
6149	2	L4 vs. M4	M4 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G67300
6150	2	L4 vs. M4	M4 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G67300
6151	2	L4 vs. M4	M4 up	GO:0005261	Metabolism	Transporters	cation channel activity	F	AT2G46440
6152	2	L4 vs. M4	M4 up	GO:0098655	Metabolism	Transporters	cation transmembrane transport	P	AT1G05300
6153	2	L4 vs. M4	M4 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT1G80760

6154	2	L4 vs. M4	M4 up	GO:0006821	Metabolism	Transporters	chloride transport	P	AT5G62290
6155	2	L4 vs. M4	M4 up	GO:0005375	Metabolism	Transporters	copper ion transmembrane transporter activity	F	AT1G10970
6156	2	L4 vs. M4	M4 up	GO:0005310	Metabolism	Transporters	dicarboxylic acid transmembrane transporter activity	F	AT2G22500
6157	2	L4 vs. M4	M4 up	GO:0042938	Metabolism	Transporters	dipeptide transport	P	AT3G54140
6158	2	L4 vs. M4	M4 up	GO:0031901	Metabolism	Transporters	early endosome membrane	C	AT1G04750
6159	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G04750
6160	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G03240
6161	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G34300
6162	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G53520
6163	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G30996
6164	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G33410
6165	2	L4 vs. M4	M4 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G42050
6166	2	L4 vs. M4	M4 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT2G06530
6167	2	L4 vs. M4	M4 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT4G29160
6168	2	L4 vs. M4	M4 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT4G33410
6169	2	L4 vs. M4	M4 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT2G06530
6170	2	L4 vs. M4	M4 up	GO:0015916	Metabolism	Transporters	fatty-acyl-CoA transport	P	AT4G39850
6171	2	L4 vs. M4	M4 up	GO:0015152	Metabolism	Transporters	glucose-6-phosphate transmembrane transporter activity	F	AT1G61800
6172	2	L4 vs. M4	M4 up	GO:0015760	Metabolism	Transporters	glucose-6-phosphate transport	P	AT1G61800
6173	2	L4 vs. M4	M4 up	GO:0015168	Metabolism	Transporters	glycerol transmembrane transporter activity	F	AT1G80760
6174	2	L4 vs. M4	M4 up	GO:0048193	Metabolism	Transporters	Golgi vesicle transport	P	AT5G66030
6175	2	L4 vs. M4	M4 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT1G61800
6176	2	L4 vs. M4	M4 up	GO:0005222	Metabolism	Transporters	intracellular cAMP-activated cation channel activity	F	AT5G15410
6177	2	L4 vs. M4	M4 up	GO:0005221	Metabolism	Transporters	intracellular cyclic nucleotide activated cation channel activity	F	AT5G15410
6178	2	L4 vs. M4	M4 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G56190
6179	2	L4 vs. M4	M4 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT2G46440
6180	2	L4 vs. M4	M4 up	GO:0006811	Metabolism	Transporters	ion transport	P	AT5G58270
6181	2	L4 vs. M4	M4 up	GO:0015180	Metabolism	Transporters	L-alanine transmembrane transporter activity	F	AT1G58360
6182	2	L4 vs. M4	M4 up	GO:0015808	Metabolism	Transporters	L-alanine transport	P	AT1G58360
6183	2	L4 vs. M4	M4 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT2G06530
6184	2	L4 vs. M4	M4 up	GO:0098712	Metabolism	Transporters	L-glutamate import across plasma membrane	P	AT1G58360
6185	2	L4 vs. M4	M4 up	GO:0005313	Metabolism	Transporters	L-glutamate transmembrane transporter activity	F	AT1G58360
6186	2	L4 vs. M4	M4 up	GO:0015186	Metabolism	Transporters	L-glutamine transmembrane transporter activity	F	AT1G58360
6187	2	L4 vs. M4	M4 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT2G37870
6188	2	L4 vs. M4	M4 up	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT1G69870
6189	2	L4 vs. M4	M4 up	GO:0015193	Metabolism	Transporters	L-proline transmembrane transporter activity	F	AT1G58360
6190	2	L4 vs. M4	M4 up	GO:0015193	Metabolism	Transporters	L-proline transmembrane transporter activity	F	AT2G39890
6191	2	L4 vs. M4	M4 up	GO:0015194	Metabolism	Transporters	L-serine transmembrane transporter activity	F	AT1G58360
6192	2	L4 vs. M4	M4 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT1G34470
6193	2	L4 vs. M4	M4 up	GO:0015693	Metabolism	Transporters	magnesium ion transport	P	AT1G34470
6194	2	L4 vs. M4	M4 up	GO:0071423	Metabolism	Transporters	malate transmembrane transport	P	AT2G22500
6195	2	L4 vs. M4	M4 up	GO:0015140	Metabolism	Transporters	malate transmembrane transporter activity	F	AT2G22500
6196	2	L4 vs. M4	M4 up	GO:0046873	Metabolism	Transporters	metal ion transmembrane transporter activity	F	AT1G05300
6197	2	L4 vs. M4	M4 up	GO:0006839	Metabolism	Transporters	mitochondrial transport	P	AT2G22500
6198	2	L4 vs. M4	M4 up	GO:0015098	Metabolism	Transporters	molybdate ion transmembrane transporter activity	F	AT3G49310
6199	2	L4 vs. M4	M4 up	GO:0015689	Metabolism	Transporters	molybdate ion transport	P	AT3G49310
6200	2	L4 vs. M4	M4 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT1G58360
6201	2	L4 vs. M4	M4 up	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT1G58360
6202	2	L4 vs. M4	M4 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT1G69870

6203	2	L4 vs. M4	M4 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G69870
6204	2	L4 vs. M4	M4 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G01350
6205	2	L4 vs. M4	M4 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G54140
6206	2	L4 vs. M4	M4 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT5G14940
6207	2	L4 vs. M4	M4 up	GO:0015131	Metabolism	Transporters	oxaloacetate transmembrane transporter activity	F	AT2G22500
6208	2	L4 vs. M4	M4 up	GO:0015729	Metabolism	Transporters	oxaloacetate transport	P	AT2G22500
6209	2	L4 vs. M4	M4 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G69870
6210	2	L4 vs. M4	M4 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G01350
6211	2	L4 vs. M4	M4 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G54140
6212	2	L4 vs. M4	M4 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT5G14940
6213	2	L4 vs. M4	M4 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G69870
6214	2	L4 vs. M4	M4 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G01350
6215	2	L4 vs. M4	M4 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G54140
6216	2	L4 vs. M4	M4 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT5G14940
6217	2	L4 vs. M4	M4 up	GO:0010233	Metabolism	Transporters	phloem transport	P	AT1G56430
6218	2	L4 vs. M4	M4 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT2G22500
6219	2	L4 vs. M4	M4 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT2G03240
6220	2	L4 vs. M4	M4 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT2G03240
6221	2	L4 vs. M4	M4 up	GO:0015714	Metabolism	Transporters	phosphoenolpyruvate transport	P	AT1G61800
6222	2	L4 vs. M4	M4 up	GO:0015713	Metabolism	Transporters	phosphoglycerate transmembrane transport	P	AT1G61800
6223	2	L4 vs. M4	M4 up	GO:0015120	Metabolism	Transporters	phosphoglycerate transmembrane transporter activity	F	AT1G61800
6224	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G02520
6225	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G04750
6226	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G05570
6227	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G45145
6228	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G47128
6229	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G56110
6230	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G73080
6231	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G73650
6232	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G05830
6233	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G23810
6234	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G34300
6235	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35840
6236	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G37870
6237	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39330
6238	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44450
6239	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G01780
6240	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G08590
6241	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09440
6242	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16410
6243	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16470
6244	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G53420
6245	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G54140
6246	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G56190
6247	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G13930
6248	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G16370
6249	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G35230
6250	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G06320
6251	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G37600
6252	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G45280
6253	2	L4 vs. M4	M4 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G57350
6254	2	L4 vs. M4	M4 up	GO:0015824	Metabolism	Transporters	proline transport	P	AT2G39890
6255	2	L4 vs. M4	M4 up	GO:0045041	Metabolism	Transporters	protein import into mitochondrial intermembrane space	P	AT2G33210
6256	2	L4 vs. M4	M4 up	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT5G58590

6257	2	L4 vs. M4	M4 up	GO:0006627	Metabolism	Transporters	protein processing involved in protein targeting to mitochondrion	P	AT1G51980
6258	2	L4 vs. M4	M4 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	AT2G31530
6259	2	L4 vs. M4	M4 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G04750
6260	2	L4 vs. M4	M4 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G06530
6261	2	L4 vs. M4	M4 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT3G49470
6262	2	L4 vs. M4	M4 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT3G54140
6263	2	L4 vs. M4	M4 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G16370
6264	2	L4 vs. M4	M4 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G29160
6265	2	L4 vs. M4	M4 up	GO:0005345	Metabolism	Transporters	purine nucleobase transmembrane transporter activity	F	AT4G18220
6266	2	L4 vs. M4	M4 up	GO:0015211	Metabolism	Transporters	purine nucleoside transmembrane transporter activity	F	AT4G18220
6267	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G47128
6268	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G62290
6269	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G73260
6270	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G10740
6271	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G54960
6272	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G01610
6273	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G16660
6274	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G19810
6275	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G08380
6276	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G19860
6277	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G60360
6278	2	L4 vs. M4	M4 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G65760
6279	2	L4 vs. M4	M4 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT3G56190
6280	2	L4 vs. M4	M4 up	GO:0035494	Metabolism	Transporters	SNARE complex disassembly	P	AT3G56190
6281	2	L4 vs. M4	M4 up	GO:0006616	Metabolism	Transporters	SRP-dependent cotranslational protein targeting to membrane, translocation	P	AT2G31530
6282	2	L4 vs. M4	M4 up	GO:0071422	Metabolism	Transporters	succinate transmembrane transport	P	AT2G22500
6283	2	L4 vs. M4	M4 up	GO:0015141	Metabolism	Transporters	succinate transmembrane transporter activity	F	AT2G22500
6284	2	L4 vs. M4	M4 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G14680
6285	2	L4 vs. M4	M4 up	GO:0015116	Metabolism	Transporters	sulfate transmembrane transporter activity	F	AT2G22500
6286	2	L4 vs. M4	M4 up	GO:0008272	Metabolism	Transporters	sulfate transport	P	AT2G22500
6287	2	L4 vs. M4	M4 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G58360
6288	2	L4 vs. M4	M4 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT5G40780
6289	2	L4 vs. M4	M4 up	GO:0015117	Metabolism	Transporters	thiosulfate transmembrane transporter activity	F	AT2G22500
6290	2	L4 vs. M4	M4 up	GO:0015709	Metabolism	Transporters	thiosulfate transport	P	AT2G22500
6291	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G03240
6292	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G32530
6293	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G34300
6294	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G53520
6295	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G30996
6296	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G33410
6297	2	L4 vs. M4	M4 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G66030
6298	2	L4 vs. M4	M4 up	GO:0046915	Metabolism	Transporters	transition metal ion transmembrane transporter activity	F	AT4G16370
6299	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G02520
6300	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G67300
6301	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G01320
6302	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G07680
6303	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G34660
6304	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G21250
6305	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G53420
6306	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G59140
6307	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G62150

6308	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G16370
6309	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G39850
6310	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G12080
6311	2	L4 vs. M4	M4 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G58270
6312	2	L4 vs. M4	M4 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G61800
6313	2	L4 vs. M4	M4 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G67300
6314	2	L4 vs. M4	M4 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G58270
6315	2	L4 vs. M4	M4 up	GO:0071917	Metabolism	Transporters	triose-phosphate transmembrane transporter activity	F	AT1G61800
6316	2	L4 vs. M4	M4 up	GO:0042937	Metabolism	Transporters	tripeptide transmembrane transporter activity	F	AT3G54140
6317	2	L4 vs. M4	M4 up	GO:0042939	Metabolism	Transporters	tripeptide transport	P	AT3G54140
6318	2	L4 vs. M4	M4 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT1G80760
6319	2	L4 vs. M4	M4 up	GO:0043182	Metabolism	Transporters	vacuolar sequestering of sodium ion	P	AT4G30996
6320	2	L4 vs. M4	M4 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT4G29160
6321	2	L4 vs. M4	M4 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G04750
6322	2	L4 vs. M4	M4 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT2G06530
6323	2	L4 vs. M4	M4 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G29160
6324	2	L4 vs. M4	M4 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G05570
6325	2	L4 vs. M4	M4 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT1G80760
6326	2	L4 vs. M4	M4 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G53420
6327	2	L4 vs. M4	M4 up	GO:0006833	Metabolism	Transporters	water transport	P	AT3G53420
6328	2	L4 vs. M4	M4 up	GO:1990388	Metabolism	Transporters	xylem-to-phloem iron transport	P	AT4G16370
6329	2	L4 vs. M4	M4 up	GO:0071577	Metabolism	Transporters	zinc ion transmembrane transport	P	AT1G05300
6330	2	L4 vs. M4	M4 up	GO:0071577	Metabolism	Transporters	zinc ion transmembrane transport	P	AT1G10970
6331	2	L4 vs. M4	M4 up	GO:0071577	Metabolism	Transporters	zinc ion transmembrane transport	P	AT3G12750
6332	2	L4 vs. M4	M4 up	GO:0005385	Metabolism	Transporters	zinc ion transmembrane transporter activity	F	AT1G05300
6333	2	L4 vs. M4	M4 up	GO:0005385	Metabolism	Transporters	zinc ion transmembrane transporter activity	F	AT1G10970
6334	2	L4 vs. M4	M4 up	GO:0005385	Metabolism	Transporters	zinc ion transmembrane transporter activity	F	AT3G12750
6335	2	L4 vs. M4	M4 up	GO:0006829	Metabolism	Transporters	zinc ion transport	P	AT3G12750
6336	2	L4 vs. M4	M4 up	GO:0061077	Regulation	Protein modification	chaperone-mediated protein folding	P	AT5G60160
6337	2	L4 vs. M4	M4 up	GO:0061077	Regulation	Protein modification	chaperone-mediated protein folding	P	AT5G64350
6338	2	L4 vs. M4	M4 up	GO:0006458	Regulation	Protein modification	'de novo' protein folding	P	AT2G33210
6339	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G01120
6340	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G18700
6341	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27770
6342	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G73260
6343	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G73650
6344	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G32530
6345	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33210
6346	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34300
6347	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34660
6348	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35840
6349	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35880
6350	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G02875
6351	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G50660
6352	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G54960
6353	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G57010
6354	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G16660
6355	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G30996
6356	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G33090
6357	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G36250
6358	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G40010
6359	2	L4 vs. M4	M4 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G50260
6360	2	L4 vs. M4	M4 up	GO:0034663	Regulation	Protein modification	endoplasmic reticulum chaperone complex	C	AT4G16660
6361	2	L4 vs. M4	M4 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G01120
6362	2	L4 vs. M4	M4 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G06350

6363	2	L4 vs. M4	M4 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G68370
6364	2	L4 vs. M4	M4 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G36380
6365	2	L4 vs. M4	M4 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G03730
6366	2	L4 vs. M4	M4 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G38460
6367	2	L4 vs. M4	M4 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT3G16410
6368	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G05560
6369	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G35140
6370	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G47128
6371	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G61800
6372	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G73650
6373	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G03240
6374	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G23810
6375	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G32530
6376	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G34300
6377	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G44450
6378	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G09440
6379	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G28340
6380	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G49310
6381	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G53520
6382	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G57630
6383	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G16660
6384	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G30996
6385	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G33410
6386	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G06320
6387	2	L4 vs. M4	M4 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G15740
6388	2	L4 vs. M4	M4 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G68370
6389	2	L4 vs. M4	M4 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G32530
6390	2	L4 vs. M4	M4 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G34300
6391	2	L4 vs. M4	M4 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G28340
6392	2	L4 vs. M4	M4 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G15740
6393	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G19640
6394	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G27590
6395	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G34300
6396	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G05390
6397	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G33120
6398	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G01710
6399	2	L4 vs. M4	M4 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G05570
6400	2	L4 vs. M4	M4 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT4G29040
6401	2	L4 vs. M4	M4 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G25760
6402	2	L4 vs. M4	M4 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT5G64350
6403	2	L4 vs. M4	M4 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G59640
6404	2	L4 vs. M4	M4 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G04150
6405	2	L4 vs. M4	M4 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT3G54960
6406	2	L4 vs. M4	M4 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G45145
6407	2	L4 vs. M4	M4 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G09440
6408	2	L4 vs. M4	M4 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G54960
6409	2	L4 vs. M4	M4 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G53350
6410	2	L4 vs. M4	M4 up	GO:0018344	Regulation	Protein modification	protein geranylgeranylation	P	AT3G12070
6411	2	L4 vs. M4	M4 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT3G57630
6412	2	L4 vs. M4	M4 up	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT5G38460
6413	2	L4 vs. M4	M4 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT5G64350
6414	2	L4 vs. M4	M4 up	GO:0018342	Regulation	Protein modification	protein prenylation	P	AT3G12070
6415	2	L4 vs. M4	M4 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G17040
6416	2	L4 vs. M4	M4 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G49530
6417	2	L4 vs. M4	M4 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT4G02890
6418	2	L4 vs. M4	M4 up	GO:0070206	Regulation	Protein modification	protein trimerization	P	AT4G14680

6419	2	L4 vs. M4	M4 up	GO:0050790	Regulation	Protein modification	regulation of catalytic activity	P	AT4G01610
6420	2	L4 vs. M4	M4 up	GO:0050790	Regulation	Protein modification	regulation of catalytic activity	P	AT5G58270
6421	2	L4 vs. M4	M4 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G20740
6422	2	L4 vs. M4	M4 up	GO:1901918	Regulation	Regulation	negative regulation of exoribonuclease activity	P	AT3G17040
6423	2	L4 vs. M4	M4 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT5G16260
6424	2	L4 vs. M4	M4 up	GO:2000122	Regulation	Regulation	negative regulation of stomatal complex development	P	AT1G70410
6425	2	L4 vs. M4	M4 up	GO:0080114	Regulation	Regulation	positive regulation of glycine hydroxymethyltransferase activity	P	AT5G04140
6426	2	L4 vs. M4	M4 up	GO:0031334	Regulation	Regulation	positive regulation of protein complex assembly	P	AT5G13010
6427	2	L4 vs. M4	M4 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT2G43820
6428	2	L4 vs. M4	M4 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT4G39850
6429	2	L4 vs. M4	M4 up	GO:1902458	Regulation	Regulation	positive regulation of stomatal opening	P	AT2G20890
6430	2	L4 vs. M4	M4 up	GO:0001558	Regulation	Regulation	regulation of cell growth	P	AT3G51800
6431	2	L4 vs. M4	M4 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT1G05570
6432	2	L4 vs. M4	M4 up	GO:0045995	Regulation	Regulation	regulation of embryonic development	P	AT2G24360
6433	2	L4 vs. M4	M4 up	GO:0017157	Regulation	Regulation	regulation of exocytosis	P	AT5G05570
6434	2	L4 vs. M4	M4 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G19620
6435	2	L4 vs. M4	M4 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G62910
6436	2	L4 vs. M4	M4 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT3G49670
6437	2	L4 vs. M4	M4 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT2G26170
6438	2	L4 vs. M4	M4 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT3G49670
6439	2	L4 vs. M4	M4 up	GO:0040014	Regulation	Regulation	regulation of multicellular organism growth	P	AT5G58270
6440	2	L4 vs. M4	M4 up	GO:2000069	Regulation	Regulation	regulation of post-embryonic root development	P	AT5G03730
6441	2	L4 vs. M4	M4 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT5G20740
6442	2	L4 vs. M4	M4 up	GO:2000038	Regulation	Regulation	regulation of stomatal complex development	P	AT3G45640
6443	2	L4 vs. M4	M4 up	GO:2000037	Regulation	Regulation	regulation of stomatal complex patterning	P	AT3G45640
6444	2	L4 vs. M4	M4 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT3G17310
6445	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G22190
6446	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G59640
6447	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G80840
6448	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G49530
6449	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G27410
6450	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G37260
6451	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G04150
6452	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G13180
6453	2	L4 vs. M4	M4 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G67300
6454	2	L4 vs. M4	M4 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT3G53920
6455	2	L4 vs. M4	M4 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	ATCG00180
6456	2	L4 vs. M4	M4 up	GO:0006354	Regulation	Transcription	DNA-templated transcription, elongation	P	ATCG00180
6457	2	L4 vs. M4	M4 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT3G53920
6458	2	L4 vs. M4	M4 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G67480
6459	2	L4 vs. M4	M4 up	GO:0042393	Regulation	Transcription	histone binding	F	AT2G19480
6460	2	L4 vs. M4	M4 up	GO:1990258	Regulation	Transcription	histone glutamine methylation	P	AT4G25630
6461	2	L4 vs. M4	M4 up	GO:0035407	Regulation	Transcription	histone H3-T11 phosphorylation	P	AT1G09450
6462	2	L4 vs. M4	M4 up	GO:0072355	Regulation	Transcription	histone H3-T3 phosphorylation	P	AT1G09450
6463	2	L4 vs. M4	M4 up	GO:0035402	Regulation	Transcription	histone kinase activity (H3-T11 specific)	F	AT1G09450
6464	2	L4 vs. M4	M4 up	GO:0072354	Regulation	Transcription	histone kinase activity (H3-T3 specific)	F	AT1G09450
6465	2	L4 vs. M4	M4 up	GO:1990259	Regulation	Transcription	histone-glutamine methyltransferase activity	F	AT4G25630
6466	2	L4 vs. M4	M4 up	GO:0016592	Regulation	Transcription	mediator complex	C	AT4G25630
6467	2	L4 vs. M4	M4 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G12640
6468	2	L4 vs. M4	M4 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G17040
6469	2	L4 vs. M4	M4 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT5G61030
6470	2	L4 vs. M4	M4 up	GO:1900364	Regulation	Transcription	negative regulation of mRNA polyadenylation	P	AT3G12640
6471	2	L4 vs. M4	M4 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G80840
6472	2	L4 vs. M4	M4 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G05420

6473	2	L4 vs. M4	M4 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G13180
6474	2	L4 vs. M4	M4 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT4G36690
6475	2	L4 vs. M4	M4 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G14320
6476	2	L4 vs. M4	M4 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G56110
6477	2	L4 vs. M4	M4 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G16950
6478	2	L4 vs. M4	M4 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G51800
6479	2	L4 vs. M4	M4 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G25630
6480	2	L4 vs. M4	M4 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G16780
6481	2	L4 vs. M4	M4 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G47128
6482	2	L4 vs. M4	M4 up	GO:0008143	Regulation	Transcription	poly(A) binding	F	AT3G12640
6483	2	L4 vs. M4	M4 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G03190
6484	2	L4 vs. M4	M4 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G27410
6485	2	L4 vs. M4	M4 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT3G45640
6486	2	L4 vs. M4	M4 up	GO:0060968	Regulation	Transcription	regulation of gene silencing	P	AT4G29040
6487	2	L4 vs. M4	M4 up	GO:2001141	Regulation	Transcription	regulation of RNA biosynthetic process	P	AT3G53920
6488	2	L4 vs. M4	M4 up	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT5G04150
6489	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G22190
6490	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G59640
6491	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G49530
6492	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G27410
6493	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37260
6494	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G04150
6495	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G67300
6496	2	L4 vs. M4	M4 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G67480
6497	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G02990
6498	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G33210
6499	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G49080
6500	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G51800
6501	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G25630
6502	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G13010
6503	2	L4 vs. M4	M4 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G61030
6504	2	L4 vs. M4	M4 up	GO:0001510	Regulation	Transcription	RNA methylation	P	AT4G25630
6505	2	L4 vs. M4	M4 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G03190
6506	2	L4 vs. M4	M4 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT5G04150
6507	2	L4 vs. M4	M4 up	GO:0090575	Regulation	Transcription	RNA polymerase II transcription factor complex	C	AT5G04150
6508	2	L4 vs. M4	M4 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G22190
6509	2	L4 vs. M4	M4 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G59640
6510	2	L4 vs. M4	M4 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G27410
6511	2	L4 vs. M4	M4 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G37260
6512	2	L4 vs. M4	M4 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G67300
6513	2	L4 vs. M4	M4 up	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT1G03190
6514	2	L4 vs. M4	M4 up	GO:0003712	Regulation	Transcription	transcription coregulator activity	F	AT5G67480
6515	2	L4 vs. M4	M4 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G04150
6516	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G22190
6517	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G80840
6518	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G49530
6519	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G53920
6520	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G27410
6521	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37260
6522	2	L4 vs. M4	M4 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G67300
6523	2	L4 vs. M4	M4 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT3G60240
6524	2	L4 vs. M4	M4 up	GO:0002161	Regulation	Translation	aminoacyl-tRNA editing activity	F	AT1G14610
6525	2	L4 vs. M4	M4 up	GO:0004812	Regulation	Translation	aminoacyl-tRNA ligase activity	F	AT5G10695
6526	2	L4 vs. M4	M4 up	GO:0000494	Regulation	Translation	box C/D snoRNA 3'-end processing	P	AT4G25630

6527	2	L4 vs. M4	M4 up	GO:0031428	Regulation	Translation	box C/D snoRNP complex	C	AT1G56110
6528	2	L4 vs. M4	M4 up	GO:0031428	Regulation	Translation	box C/D snoRNP complex	C	AT3G12860
6529	2	L4 vs. M4	M4 up	GO:0031428	Regulation	Translation	box C/D snoRNP complex	C	AT4G25630
6530	2	L4 vs. M4	M4 up	GO:0000177	Regulation	Translation	cytoplasmic exosome (RNase complex)	C	AT3G07750
6531	2	L4 vs. M4	M4 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G72660
6532	2	L4 vs. M4	M4 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G14320
6533	2	L4 vs. M4	M4 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G01120
6534	2	L4 vs. M4	M4 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G14320
6535	2	L4 vs. M4	M4 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G09440
6536	2	L4 vs. M4	M4 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G37600
6537	2	L4 vs. M4	M4 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G47930
6538	2	L4 vs. M4	M4 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G64140
6539	2	L4 vs. M4	M4 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G47930
6540	2	L4 vs. M4	M4 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G64140
6541	2	L4 vs. M4	M4 up	GO:0016281	Regulation	Translation	eukaryotic translation initiation factor 4F complex	C	AT3G60240
6542	2	L4 vs. M4	M4 up	GO:0000467	Regulation	Translation	exonucleolytic trimming to generate mature 3'-end of 5.8S rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G07750
6543	2	L4 vs. M4	M4 up	GO:0000481	Regulation	Translation	maturation of 5S rRNA	P	AT5G16780
6544	2	L4 vs. M4	M4 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G40360
6545	2	L4 vs. M4	M4 up	GO:0030490	Regulation	Translation	maturation of SSU-rRNA	P	AT5G64140
6546	2	L4 vs. M4	M4 up	GO:0034709	Regulation	Translation	methylosome	C	AT5G62290
6547	2	L4 vs. M4	M4 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	ATCG00790
6548	2	L4 vs. M4	M4 up	GO:0080156	Regulation	Translation	mitochondrial mRNA modification	P	AT5G61030
6549	2	L4 vs. M4	M4 up	GO:0005763	Regulation	Translation	mitochondrial small ribosomal subunit	C	AT3G49080
6550	2	L4 vs. M4	M4 up	GO:0005763	Regulation	Translation	mitochondrial small ribosomal subunit	C	ATCG00820
6551	2	L4 vs. M4	M4 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	ATCG00790
6552	2	L4 vs. M4	M4 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G14320
6553	2	L4 vs. M4	M4 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G20250
6554	2	L4 vs. M4	M4 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G53420
6555	2	L4 vs. M4	M4 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G60240
6556	2	L4 vs. M4	M4 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G16260
6557	2	L4 vs. M4	M4 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G64140
6558	2	L4 vs. M4	M4 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT5G16780
6559	2	L4 vs. M4	M4 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT4G36690
6560	2	L4 vs. M4	M4 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT5G13010
6561	2	L4 vs. M4	M4 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT5G16260
6562	2	L4 vs. M4	M4 up	GO:0051028	Regulation	Translation	mRNA transport	P	AT5G58590
6563	2	L4 vs. M4	M4 up	GO:0005854	Regulation	Translation	nascent polypeptide-associated complex	C	AT3G49470
6564	2	L4 vs. M4	M4 up	GO:0071028	Regulation	Translation	nuclear mRNA surveillance	P	AT3G07750
6565	2	L4 vs. M4	M4 up	GO:0071042	Regulation	Translation	nuclear polyadenylation-dependent mRNA catabolic process	P	AT3G07750
6566	2	L4 vs. M4	M4 up	GO:0071035	Regulation	Translation	nuclear polyadenylation-dependent rRNA catabolic process	P	AT3G07750
6567	2	L4 vs. M4	M4 up	GO:0071038	Regulation	Translation	nuclear polyadenylation-dependent tRNA catabolic process	P	AT3G07750
6568	2	L4 vs. M4	M4 up	GO:0034427	Regulation	Translation	nuclear-transcribed mRNA catabolic process, exonucleolytic, 3'-5'	P	AT3G07750
6569	2	L4 vs. M4	M4 up	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT5G16260
6570	2	L4 vs. M4	M4 up	GO:0070545	Regulation	Translation	PeBoW complex	C	AT2G40360
6571	2	L4 vs. M4	M4 up	GO:0034715	Regulation	Translation	pICln-Sm protein complex	C	AT5G62290
6572	2	L4 vs. M4	M4 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	ATCG00380
6573	2	L4 vs. M4	M4 up	GO:0030628	Regulation	Translation	pre-mRNA 3'-splice site binding	F	AT4G36690
6574	2	L4 vs. M4	M4 up	GO:0030687	Regulation	Translation	preribosome, large subunit precursor	C	AT2G40360

6575	2	L4 vs. M4	M4 up	GO:0031053	Regulation	Translation	primary miRNA processing	P	AT5G13010
6576	2	L4 vs. M4	M4 up	GO:0043488	Regulation	Translation	regulation of mRNA stability	P	AT3G12640
6577	2	L4 vs. M4	M4 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT3G17040
6578	2	L4 vs. M4	M4 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT3G60240
6579	2	L4 vs. M4	M4 up	GO:0072344	Regulation	Translation	rescue of stalled ribosome	P	AT5G49930
6580	2	L4 vs. M4	M4 up	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT2G02990
6581	2	L4 vs. M4	M4 up	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT4G25630
6582	2	L4 vs. M4	M4 up	GO:0033897	Regulation	Translation	ribonuclease T2 activity	F	AT2G02990
6583	2	L4 vs. M4	M4 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT5G61030
6584	2	L4 vs. M4	M4 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT1G14320
6585	2	L4 vs. M4	M4 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	ATCG00660
6586	2	L4 vs. M4	M4 up	GO:0043023	Regulation	Translation	ribosomal large subunit binding	F	AT5G49930
6587	2	L4 vs. M4	M4 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G47930
6588	2	L4 vs. M4	M4 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G64140
6589	2	L4 vs. M4	M4 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	ATCG00820
6590	2	L4 vs. M4	M4 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G14320
6591	2	L4 vs. M4	M4 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G49080
6592	2	L4 vs. M4	M4 up	GO:0005840	Regulation	Translation	ribosome	C	ATCG00640
6593	2	L4 vs. M4	M4 up	GO:0005840	Regulation	Translation	ribosome	C	ATCG00660
6594	2	L4 vs. M4	M4 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT3G62910
6595	2	L4 vs. M4	M4 up	GO:0006396	Regulation	Translation	RNA processing	P	AT3G17040
6596	2	L4 vs. M4	M4 up	GO:0006396	Regulation	Translation	RNA processing	P	AT5G36170
6597	2	L4 vs. M4	M4 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT5G13010
6598	2	L4 vs. M4	M4 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00380
6599	2	L4 vs. M4	M4 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00790
6600	2	L4 vs. M4	M4 up	GO:0031167	Regulation	Translation	rRNA methylation	P	AT4G25630
6601	2	L4 vs. M4	M4 up	GO:0008649	Regulation	Translation	rRNA methyltransferase activity	F	AT4G25630
6602	2	L4 vs. M4	M4 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G51800
6603	2	L4 vs. M4	M4 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT4G25630
6604	2	L4 vs. M4	M4 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT3G17040
6605	2	L4 vs. M4	M4 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT3G20250
6606	2	L4 vs. M4	M4 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00380
6607	2	L4 vs. M4	M4 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00820
6608	2	L4 vs. M4	M4 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT1G56110
6609	2	L4 vs. M4	M4 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT3G12860
6610	2	L4 vs. M4	M4 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT4G25630
6611	2	L4 vs. M4	M4 up	GO:0030515	Regulation	Translation	snoRNA binding	F	AT1G56110
6612	2	L4 vs. M4	M4 up	GO:0030515	Regulation	Translation	snoRNA binding	F	AT3G12860
6613	2	L4 vs. M4	M4 up	GO:0030515	Regulation	Translation	snoRNA binding	F	AT4G25630
6614	2	L4 vs. M4	M4 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT5G62290
6615	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G14320
6616	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G49080
6617	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G47930
6618	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G64140
6619	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00380
6620	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00640
6621	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00660
6622	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00790
6623	2	L4 vs. M4	M4 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00820
6624	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	AT1G14320
6625	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	AT3G49080
6626	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	AT5G47930
6627	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	AT5G64140
6628	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	ATCG00380
6629	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	ATCG00640
6630	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	ATCG00660

6631	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	ATCG00790
6632	2	L4 vs. M4	M4 up	GO:0006412	Regulation	Translation	translation	P	ATCG00820
6633	2	L4 vs. M4	M4 up	GO:0003747	Regulation	Translation	translation release factor activity	F	AT3G62910
6634	2	L4 vs. M4	M4 up	GO:0016149	Regulation	Translation	translation release factor activity, codon specific	F	AT3G62910
6635	2	L4 vs. M4	M4 up	GO:0016149	Regulation	Translation	translation release factor activity, codon specific	F	AT5G36170
6636	2	L4 vs. M4	M4 up	GO:0006413	Regulation	Translation	translational initiation	P	AT3G60240
6637	2	L4 vs. M4	M4 up	GO:0006415	Regulation	Translation	translational termination	P	AT3G62910
6638	2	L4 vs. M4	M4 up	GO:0006415	Regulation	Translation	translational termination	P	AT5G36170
6639	2	L4 vs. M4	M4 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT5G49930
6640	2	L4 vs. M4	M4 up	GO:0034473	Regulation	Translation	U1 snRNA 3'-end processing	P	AT3G07750
6641	2	L4 vs. M4	M4 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT5G16260
6642	2	L4 vs. M4	M4 up	GO:0089701	Regulation	Translation	U2AF	C	AT4G36690
6643	2	L4 vs. M4	M4 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT4G36690
6644	2	L4 vs. M4	M4 up	GO:0005684	Regulation	Translation	U2-type spliceosomal complex	C	AT5G16260
6645	2	L4 vs. M4	M4 up	GO:0034475	Regulation	Translation	U4 snRNA 3'-end processing	P	AT3G07750
6646	2	L4 vs. M4	M4 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT5G16780
6647	2	L4 vs. M4	M4 up	GO:0034476	Regulation	Translation	U5 snRNA 3'-end processing	P	AT3G07750
6648	2	L4 vs. M4	M4 up	GO:0004832	Regulation	Translation	valine-tRNA ligase activity	F	AT1G14610
6649	2	L4 vs. M4	M4 up	GO:0006438	Regulation	Translation	valyl-tRNA aminoacylation	P	AT1G14610
6650	2	L4 vs. M4	M4 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT5G50400
6651	2	L4 vs. M4	M4 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT3G62150
6652	2	L4 vs. M4	M4 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT1G02520
6653	2	L4 vs. M4	M4 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT3G62150
6654	2	L4 vs. M4	M4 up	GO:0060919	Signaling and response	Signaling	auxin influx	P	AT3G62150
6655	2	L4 vs. M4	M4 up	GO:0010328	Signaling and response	Signaling	auxin influx transmembrane transporter activity	F	AT3G62150
6656	2	L4 vs. M4	M4 up	GO:0009850	Signaling and response	Signaling	auxin metabolic process	P	AT3G02875
6657	2	L4 vs. M4	M4 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT2G26170
6658	2	L4 vs. M4	M4 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT4G33090
6659	2	L4 vs. M4	M4 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G14000
6660	2	L4 vs. M4	M4 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G51800
6661	2	L4 vs. M4	M4 up	GO:0010540	Signaling and response	Signaling	basipetal auxin transport	P	AT1G02520
6662	2	L4 vs. M4	M4 up	GO:0010540	Signaling and response	Signaling	basipetal auxin transport	P	AT3G62150
6663	2	L4 vs. M4	M4 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT3G50660
6664	2	L4 vs. M4	M4 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT4G36380
6665	2	L4 vs. M4	M4 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G14000
6666	2	L4 vs. M4	M4 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G35230
6667	2	L4 vs. M4	M4 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G76130
6668	2	L4 vs. M4	M4 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G17290
6669	2	L4 vs. M4	M4 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G46600
6670	2	L4 vs. M4	M4 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G17470
6671	2	L4 vs. M4	M4 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G25000
6672	2	L4 vs. M4	M4 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G28900
6673	2	L4 vs. M4	M4 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G17290
6674	2	L4 vs. M4	M4 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT3G50530
6675	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G27770
6676	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G17290
6677	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G26190
6678	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G34660
6679	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G46440
6680	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G50530
6681	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G15410
6682	2	L4 vs. M4	M4 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G67480
6683	2	L4 vs. M4	M4 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G17290
6684	2	L4 vs. M4	M4 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT3G50530

6685	2	L4 vs. M4	M4 up	GO:0080029	Signaling and response	Signaling	cellular response to boron-containing substance levels	P	AT1G80760
6686	2	L4 vs. M4	M4 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT3G49530
6687	2	L4 vs. M4	M4 up	GO:0010106	Signaling and response	Signaling	cellular response to iron ion starvation	P	AT3G18290
6688	2	L4 vs. M4	M4 up	GO:0010106	Signaling and response	Signaling	cellular response to iron ion starvation	P	AT5G04150
6689	2	L4 vs. M4	M4 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT3G53920
6690	2	L4 vs. M4	M4 up	GO:0043562	Signaling and response	Signaling	cellular response to nitrogen levels	P	AT3G17810
6691	2	L4 vs. M4	M4 up	GO:1904482	Signaling and response	Signaling	cellular response to tetrahydrofolate	P	AT4G13930
6692	2	L4 vs. M4	M4 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G14620
6693	2	L4 vs. M4	M4 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G13930
6694	2	L4 vs. M4	M4 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G13930
6695	2	L4 vs. M4	M4 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT5G66760
6696	2	L4 vs. M4	M4 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G50400
6697	2	L4 vs. M4	M4 up	GO:0050982	Signaling and response	Signaling	detection of mechanical stimulus	P	AT5G12080
6698	2	L4 vs. M4	M4 up	GO:0007186	Signaling and response	Signaling	G protein-coupled receptor signaling pathway	P	AT2G20890
6699	2	L4 vs. M4	M4 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G14900
6700	2	L4 vs. M4	M4 up	GO:0009686	Signaling and response	Signaling	gibberellin biosynthetic process	P	AT5G03730
6701	2	L4 vs. M4	M4 up	GO:0008728	Signaling and response	Signaling	GTP diphosphokinase activity	F	AT3G14050
6702	2	L4 vs. M4	M4 up	GO:0008728	Signaling and response	Signaling	GTP diphosphokinase activity	F	AT3G17470
6703	2	L4 vs. M4	M4 up	GO:0010274	Signaling and response	Signaling	hydrotropism	P	AT5G42680
6704	2	L4 vs. M4	M4 up	GO:0010179	Signaling and response	Signaling	IAA-Ala conjugate hydrolase activity	F	AT3G02875
6705	2	L4 vs. M4	M4 up	GO:0010211	Signaling and response	Signaling	IAA-Leu conjugate hydrolase activity	F	AT3G02875
6706	2	L4 vs. M4	M4 up	GO:0010210	Signaling and response	Signaling	IAA-Phe conjugate hydrolase activity	F	AT3G02875
6707	2	L4 vs. M4	M4 up	GO:0047215	Signaling and response	Signaling	indole-3-acetate beta-glucosyltransferase activity	F	AT1G05560
6708	2	L4 vs. M4	M4 up	GO:0009684	Signaling and response	Signaling	indoleacetic acid biosynthetic process	P	AT5G54810
6709	2	L4 vs. M4	M4 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT1G09450
6710	2	L4 vs. M4	M4 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G17290
6711	2	L4 vs. M4	M4 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT3G45640
6712	2	L4 vs. M4	M4 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT3G50530
6713	2	L4 vs. M4	M4 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT4G24400
6714	2	L4 vs. M4	M4 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT5G08590
6715	2	L4 vs. M4	M4 up	GO:0030795	Signaling and response	Signaling	jasmonate O-methyltransferase activity	F	AT1G19640
6716	2	L4 vs. M4	M4 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G19640
6717	2	L4 vs. M4	M4 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT2G06050
6718	2	L4 vs. M4	M4 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G25760
6719	2	L4 vs. M4	M4 up	GO:0120091	Signaling and response	Signaling	jasmonic acid hydrolase	F	AT5G05600
6720	2	L4 vs. M4	M4 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G19640
6721	2	L4 vs. M4	M4 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G50660
6722	2	L4 vs. M4	M4 up	GO:0009694	Signaling and response	Signaling	jasmonic acid metabolic process	P	AT1G19640
6723	2	L4 vs. M4	M4 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G73080
6724	2	L4 vs. M4	M4 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G48010
6725	2	L4 vs. M4	M4 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G14050
6726	2	L4 vs. M4	M4 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G17470
6727	2	L4 vs. M4	M4 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G08590
6728	2	L4 vs. M4	M4 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT2G30020
6729	2	L4 vs. M4	M4 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT5G53140
6730	2	L4 vs. M4	M4 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT3G45640
6731	2	L4 vs. M4	M4 up	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT3G22370
6732	2	L4 vs. M4	M4 up	GO:0010100	Signaling and response	Signaling	negative regulation of photomorphogenesis	P	AT4G05420
6733	2	L4 vs. M4	M4 up	GO:0001653	Signaling and response	Signaling	peptide receptor activity	F	AT1G73080
6734	2	L4 vs. M4	M4 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G17290
6735	2	L4 vs. M4	M4 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G50530
6736	2	L4 vs. M4	M4 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT1G68370

6737	2	L4 vs. M4	M4 up	GO:0010929	Signaling and response	Signaling	positive regulation of auxin mediated signaling pathway	P	AT4G37260
6738	2	L4 vs. M4	M4 up	GO:0010929	Signaling and response	Signaling	positive regulation of auxin mediated signaling pathway	P	AT5G67300
6739	2	L4 vs. M4	M4 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G17290
6740	2	L4 vs. M4	M4 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G50530
6741	2	L4 vs. M4	M4 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G24400
6742	2	L4 vs. M4	M4 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G03730
6743	2	L4 vs. M4	M4 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G26570
6744	2	L4 vs. M4	M4 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G30020
6745	2	L4 vs. M4	M4 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT5G28900
6746	2	L4 vs. M4	M4 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT5G43380
6747	2	L4 vs. M4	M4 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT5G53140
6748	2	L4 vs. M4	M4 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G30360
6749	2	L4 vs. M4	M4 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G45640
6750	2	L4 vs. M4	M4 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G24400
6751	2	L4 vs. M4	M4 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G35230
6752	2	L4 vs. M4	M4 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G08590
6753	2	L4 vs. M4	M4 up	GO:0019888	Signaling and response	Signaling	protein phosphatase regulator activity	F	AT5G28900
6754	2	L4 vs. M4	M4 up	GO:0000159	Signaling and response	Signaling	protein phosphatase type 2A complex	C	AT5G28900
6755	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G14000
6756	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G73080
6757	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G17290
6758	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G24360
6759	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G30360
6760	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G47060
6761	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G48010
6762	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G45640
6763	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G49670
6764	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G24400
6765	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G35230
6766	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G08590
6767	2	L4 vs. M4	M4 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G53450
6768	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G09450
6769	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G14000
6770	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G73080
6771	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G17290
6772	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G24360
6773	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G30360
6774	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G49670
6775	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G24400
6776	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G35230
6777	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G03730
6778	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G08590
6779	2	L4 vs. M4	M4 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G47540
6780	2	L4 vs. M4	M4 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G30020
6781	2	L4 vs. M4	M4 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT5G43380
6782	2	L4 vs. M4	M4 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT5G53140
6783	2	L4 vs. M4	M4 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT1G14000
6784	2	L4 vs. M4	M4 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT2G24360
6785	2	L4 vs. M4	M4 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT5G03730
6786	2	L4 vs. M4	M4 up	GO:0004713	Signaling and response	Signaling	protein tyrosine kinase activity	F	AT2G24360
6787	2	L4 vs. M4	M4 up	GO:0004663	Signaling and response	Signaling	Rab geranylgeranyltransferase activity	F	AT3G12070
6788	2	L4 vs. M4	M4 up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G05570
6789	2	L4 vs. M4	M4 up	GO:0005968	Signaling and response	Signaling	Rab-protein geranylgeranyltransferase complex	C	AT3G12070
6790	2	L4 vs. M4	M4 up	GO:0008536	Signaling and response	Signaling	Ran GTPase binding	F	AT5G58590

6791	2	L4 vs. M4	M4 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT3G49670
6792	2	L4 vs. M4	M4 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G05420
6793	2	L4 vs. M4	M4 up	GO:2000012	Signaling and response	Signaling	regulation of auxin polar transport	P	AT2G19620
6794	2	L4 vs. M4	M4 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G05600
6795	2	L4 vs. M4	M4 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G67300
6796	2	L4 vs. M4	M4 up	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT5G67300
6797	2	L4 vs. M4	M4 up	GO:0048510	Signaling and response	Signaling	regulation of timing of transition from vegetative to reproductive phase	P	AT5G03730
6798	2	L4 vs. M4	M4 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G45890
6799	2	L4 vs. M4	M4 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G67300
6800	2	L4 vs. M4	M4 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G67480
6801	2	L4 vs. M4	M4 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT2G46440
6802	2	L4 vs. M4	M4 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G45640
6803	2	L4 vs. M4	M4 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G06320
6804	2	L4 vs. M4	M4 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT3G50660
6805	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G45145
6806	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G50480
6807	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G62740
6808	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G19480
6809	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G35840
6810	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G44350
6811	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G04120
6812	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G08590
6813	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G09440
6814	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G13930
6815	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G29040
6816	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G37260
6817	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G58270
6818	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G60160
6819	2	L4 vs. M4	M4 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G67300
6820	2	L4 vs. M4	M4 up	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT1G70410
6821	2	L4 vs. M4	M4 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G80840
6822	2	L4 vs. M4	M4 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G45640
6823	2	L4 vs. M4	M4 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G49530
6824	2	L4 vs. M4	M4 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G37260
6825	2	L4 vs. M4	M4 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G37490
6826	2	L4 vs. M4	M4 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G67300
6827	2	L4 vs. M4	M4 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT5G45890
6828	2	L4 vs. M4	M4 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT5G03730
6829	2	L4 vs. M4	M4 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT5G45890
6830	2	L4 vs. M4	M4 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT4G25000
6831	2	L4 vs. M4	M4 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G67300
6832	2	L4 vs. M4	M4 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G67480
6833	2	L4 vs. M4	M4 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G61800
6834	2	L4 vs. M4	M4 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT4G24400
6835	2	L4 vs. M4	M4 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G45890
6836	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G73080
6837	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G16470
6838	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G50660
6839	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G19810
6840	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G32940
6841	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G37260
6842	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G27380

6843	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67300
6844	2	L4 vs. M4	M4 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67480
6845	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G61800
6846	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G37040
6847	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G09440
6848	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G24110
6849	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G33150
6850	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G05600
6851	2	L4 vs. M4	M4 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G40780
6852	2	L4 vs. M4	M4 up	GO:1902065	Signaling and response	Signaling	response to L-glutamate	P	AT3G45640
6853	2	L4 vs. M4	M4 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G01120
6854	2	L4 vs. M4	M4 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G04140
6855	2	L4 vs. M4	M4 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT4G24400
6856	2	L4 vs. M4	M4 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT3G17040
6857	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G05560
6858	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G73260
6859	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G80840
6860	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G40000
6861	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G32940
6862	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G37260
6863	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G06320
6864	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G67300
6865	2	L4 vs. M4	M4 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G67480
6866	2	L4 vs. M4	M4 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G61800
6867	2	L4 vs. M4	M4 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G04120
6868	2	L4 vs. M4	M4 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G03730
6869	2	L4 vs. M4	M4 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G04140
6870	2	L4 vs. M4	M4 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G45890
6871	2	L4 vs. M4	M4 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT1G03190
6872	2	L4 vs. M4	M4 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT3G12750
6873	2	L4 vs. M4	M4 up	GO:0052639	Signaling and response	Signaling	salicylic acid glucosyltransferase (ester-forming) activity	F	AT2G43820
6874	2	L4 vs. M4	M4 up	GO:0052640	Signaling and response	Signaling	salicylic acid glucosyltransferase (glucoside-forming) activity	F	AT2G43820
6875	2	L4 vs. M4	M4 up	GO:0009696	Signaling and response	Signaling	salicylic acid metabolic process	P	AT2G43820
6876	2	L4 vs. M4	M4 up	GO:0006465	Signaling and response	Signaling	signal peptide processing	P	AT4G33410
6877	2	L4 vs. M4	M4 up	GO:0005048	Signaling and response	Signaling	signal sequence binding	F	AT2G31530
6878	2	L4 vs. M4	M4 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT2G30360
6879	2	L4 vs. M4	M4 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G45640
6880	2	L4 vs. M4	M4 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT5G47540
6881	2	L4 vs. M4	M4 up	GO:0010012	Signaling and response	Signaling	steroid 22-alpha hydroxylase activity	F	AT3G50660
6882	2	L4 vs. M4	M4 up	GO:0008395	Signaling and response	Signaling	steroid hydroxylase activity	F	AT4G36380
6883	2	L4 vs. M4	M4 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT3G50660
6884	2	L4 vs. M4	M4 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G36380
6885	2	L4 vs. M4	M4 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT3G08590
6886	2	L4 vs. M4	M4 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT1G78580
6887	2	L4 vs. M4	M4 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT2G20890
6888	2	L4 vs. M4	M4 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT5G03730
6889	2	L4 vs. M4	M4 up	GO:1902418	Signaling and response	Stress	(+)-abscisic acid D-glucopyranosyl ester transmembrane transport	P	AT2G34660
6890	2	L4 vs. M4	M4 up	GO:1902417	Signaling and response	Stress	(+)-abscisic acid D-glucopyranosyl ester transmembrane transporter activity	F	AT2G34660
6891	2	L4 vs. M4	M4 up	GO:0006075	Signaling and response	Stress	(1->3)-beta-D-glucan biosynthetic process	P	AT1G05570
6892	2	L4 vs. M4	M4 up	GO:0003843	Signaling and response	Stress	1,3-beta-D-glucan synthase activity	F	AT1G05570
6893	2	L4 vs. M4	M4 up	GO:0000148	Signaling and response	Stress	1,3-beta-D-glucan synthase complex	C	AT1G05570
6894	2	L4 vs. M4	M4 up	GO:0010294	Signaling and response	Stress	abscisic acid glucosyltransferase activity	F	AT1G05560

6895	2	L4 vs. M4	M4 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G17290
6896	2	L4 vs. M4	M4 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G30020
6897	2	L4 vs. M4	M4 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G45640
6898	2	L4 vs. M4	M4 up	GO:0007568	Signaling and response	Stress	aging	P	AT2G02990
6899	2	L4 vs. M4	M4 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G45890
6900	2	L4 vs. M4	M4 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G60360
6901	2	L4 vs. M4	M4 up	GO:0009916	Signaling and response	Stress	alternative oxidase activity	F	AT3G22370
6902	2	L4 vs. M4	M4 up	GO:0010230	Signaling and response	Stress	alternative respiration	P	AT3G22370
6903	2	L4 vs. M4	M4 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT3G50660
6904	2	L4 vs. M4	M4 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT4G36380
6905	2	L4 vs. M4	M4 up	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT1G27770
6906	2	L4 vs. M4	M4 up	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT5G15410
6907	2	L4 vs. M4	M4 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G45145
6908	2	L4 vs. M4	M4 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G16950
6909	2	L4 vs. M4	M4 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G54960
6910	2	L4 vs. M4	M4 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G58620
6911	2	L4 vs. M4	M4 up	GO:0006884	Signaling and response	Stress	cell volume homeostasis	P	AT5G62290
6912	2	L4 vs. M4	M4 up	GO:0006879	Signaling and response	Stress	cellular iron ion homeostasis	P	AT5G58270
6913	2	L4 vs. M4	M4 up	GO:0006875	Signaling and response	Stress	cellular metal ion homeostasis	P	AT4G16370
6914	2	L4 vs. M4	M4 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G09440
6915	2	L4 vs. M4	M4 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT5G27660
6916	2	L4 vs. M4	M4 up	GO:0071456	Signaling and response	Stress	cellular response to hypoxia	P	AT4G16660
6917	2	L4 vs. M4	M4 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G02990
6918	2	L4 vs. M4	M4 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G03240
6919	2	L4 vs. M4	M4 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT4G14680
6920	2	L4 vs. M4	M4 up	GO:0097237	Signaling and response	Stress	cellular response to toxic substance	P	AT5G05600
6921	2	L4 vs. M4	M4 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT3G09440
6922	2	L4 vs. M4	M4 up	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT1G14320
6923	2	L4 vs. M4	M4 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT2G22360
6924	2	L4 vs. M4	M4 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G09440
6925	2	L4 vs. M4	M4 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G18740
6926	2	L4 vs. M4	M4 up	GO:0004869	Signaling and response	Stress	cysteine-type endopeptidase inhibitor activity	F	AT1G73260
6927	2	L4 vs. M4	M4 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT1G47128
6928	2	L4 vs. M4	M4 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT1G03190
6929	2	L4 vs. M4	M4 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT4G05420
6930	2	L4 vs. M4	M4 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G37040
6931	2	L4 vs. M4	M4 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G46440
6932	2	L4 vs. M4	M4 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G01610
6933	2	L4 vs. M4	M4 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G15410
6934	2	L4 vs. M4	M4 up	GO:0010204	Signaling and response	Stress	defense response signaling pathway, resistance gene-independent	P	AT4G18360
6935	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G73260
6936	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G80840
6937	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G18360
6938	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G35230
6939	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G36690
6940	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G06320
6941	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G58430
6942	2	L4 vs. M4	M4 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G67300
6943	2	L4 vs. M4	M4 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT2G40000
6944	2	L4 vs. M4	M4 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT5G06320
6945	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G45145
6946	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G47128
6947	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G80840

6948	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G30020
6949	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G35230
6950	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G50260
6951	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G58430
6952	2	L4 vs. M4	M4 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G67300
6953	2	L4 vs. M4	M4 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT1G29340
6954	2	L4 vs. M4	M4 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT5G13010
6955	2	L4 vs. M4	M4 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT5G45890
6956	2	L4 vs. M4	M4 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT2G23810
6957	2	L4 vs. M4	M4 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT3G20250
6958	2	L4 vs. M4	M4 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT5G06320
6959	2	L4 vs. M4	M4 up	GO:0009814	Signaling and response	Stress	defense response, incompatible interaction	P	AT1G29340
6960	2	L4 vs. M4	M4 up	GO:0009814	Signaling and response	Stress	defense response, incompatible interaction	P	AT3G49530
6961	2	L4 vs. M4	M4 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT2G37040
6962	2	L4 vs. M4	M4 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT3G20250
6963	2	L4 vs. M4	M4 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G22190
6964	2	L4 vs. M4	M4 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G03730
6965	2	L4 vs. M4	M4 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT3G51240
6966	2	L4 vs. M4	M4 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G05600
6967	2	L4 vs. M4	M4 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT4G34135
6968	2	L4 vs. M4	M4 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT5G27380
6969	2	L4 vs. M4	M4 up	GO:0006750	Signaling and response	Stress	glutathione biosynthetic process	P	AT5G27380
6970	2	L4 vs. M4	M4 up	GO:0004363	Signaling and response	Stress	glutathione synthase activity	F	AT5G27380
6971	2	L4 vs. M4	M4 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT2G22360
6972	2	L4 vs. M4	M4 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT3G09440
6973	2	L4 vs. M4	M4 up	GO:0051879	Signaling and response	Stress	Hsp90 protein binding	F	AT1G62740
6974	2	L4 vs. M4	M4 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT4G18360
6975	2	L4 vs. M4	M4 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT3G53420
6976	2	L4 vs. M4	M4 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT4G30996
6977	2	L4 vs. M4	M4 up	GO:0006955	Signaling and response	Stress	immune response	P	AT1G73080
6978	2	L4 vs. M4	M4 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT1G73080
6979	2	L4 vs. M4	M4 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT4G29040
6980	2	L4 vs. M4	M4 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT4G16370
6981	2	L4 vs. M4	M4 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G04150
6982	2	L4 vs. M4	M4 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT3G51240
6983	2	L4 vs. M4	M4 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT3G09440
6984	2	L4 vs. M4	M4 up	GO:0060586	Signaling and response	Stress	multicellular organismal iron ion homeostasis	P	AT3G18290
6985	2	L4 vs. M4	M4 up	GO:0010105	Signaling and response	Stress	negative regulation of ethylene-activated signaling pathway	P	AT5G03730
6986	2	L4 vs. M4	M4 up	GO:1901001	Signaling and response	Stress	negative regulation of response to salt stress	P	AT4G37260
6987	2	L4 vs. M4	M4 up	GO:0007263	Signaling and response	Stress	nitric oxide mediated signal transduction	P	AT5G15410
6988	2	L4 vs. M4	M4 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT1G29340
6989	2	L4 vs. M4	M4 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT3G45640
6990	2	L4 vs. M4	M4 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G15410
6991	2	L4 vs. M4	M4 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G50260
6992	2	L4 vs. M4	M4 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT5G58430
6993	2	L4 vs. M4	M4 up	GO:1900103	Signaling and response	Stress	positive regulation of endoplasmic reticulum unfolded protein response	P	AT3G49530
6994	2	L4 vs. M4	M4 up	GO:0009963	Signaling and response	Stress	positive regulation of flavonoid biosynthetic process	P	AT2G26170
6995	2	L4 vs. M4	M4 up	GO:0080136	Signaling and response	Stress	priming of cellular response to stress	P	AT3G45640
6996	2	L4 vs. M4	M4 up	GO:0097468	Signaling and response	Stress	programmed cell death in response to reactive oxygen species	P	AT5G12080

6997	2	L4 vs. M4	M4 up	GO:0002020	Signaling and response	Stress	protease binding	F	AT3G09440
6998	2	L4 vs. M4	M4 up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT3G09440
6999	2	L4 vs. M4	M4 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT2G22360
7000	2	L4 vs. M4	M4 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT2G33210
7001	2	L4 vs. M4	M4 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT3G09440
7002	2	L4 vs. M4	M4 up	GO:0010359	Signaling and response	Stress	regulation of anion channel activity	P	AT2G17290
7003	2	L4 vs. M4	M4 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G80840
7004	2	L4 vs. M4	M4 up	GO:1900150	Signaling and response	Stress	regulation of defense response to fungus	P	AT5G67300
7005	2	L4 vs. M4	M4 up	GO:0050691	Signaling and response	Stress	regulation of defense response to virus by host	P	AT1G80840
7006	2	L4 vs. M4	M4 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT5G57350
7007	2	L4 vs. M4	M4 up	GO:1903426	Signaling and response	Stress	regulation of reactive oxygen species biosynthetic process	P	AT2G20890
7008	2	L4 vs. M4	M4 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT2G20890
7009	2	L4 vs. M4	M4 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G58430
7010	2	L4 vs. M4	M4 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G70410
7011	2	L4 vs. M4	M4 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT2G17290
7012	2	L4 vs. M4	M4 up	GO:1902456	Signaling and response	Stress	regulation of stomatal opening	P	AT2G17290
7013	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G54100
7014	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G17290
7015	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G26190
7016	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G14050
7017	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G53420
7018	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G60240
7019	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G19810
7020	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G25000
7021	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G27410
7022	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G35230
7023	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G37260
7024	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G13180
7025	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G40010
7026	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G57330
7027	2	L4 vs. M4	M4 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G67300
7028	2	L4 vs. M4	M4 up	GO:0046685	Signaling and response	Stress	response to arsenic-containing substance	P	AT3G16950
7029	2	L4 vs. M4	M4 up	GO:0046685	Signaling and response	Stress	response to arsenic-containing substance	P	AT4G33540
7030	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G01120
7031	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G22190
7032	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G35040
7033	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G16470
7034	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22370
7035	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G45640
7036	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G40010
7037	2	L4 vs. M4	M4 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G61030
7038	2	L4 vs. M4	M4 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G54100
7039	2	L4 vs. M4	M4 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT3G25760
7040	2	L4 vs. M4	M4 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT1G04750
7041	2	L4 vs. M4	M4 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT3G54960
7042	2	L4 vs. M4	M4 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G32940
7043	2	L4 vs. M4	M4 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G37260
7044	2	L4 vs. M4	M4 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G03730
7045	2	L4 vs. M4	M4 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G45890
7046	2	L4 vs. M4	M4 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G60360
7047	2	L4 vs. M4	M4 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G67300
7048	2	L4 vs. M4	M4 up	GO:0050826	Signaling and response	Stress	response to freezing	P	AT3G45640
7049	2	L4 vs. M4	M4 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G06050
7050	2	L4 vs. M4	M4 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G30020
7051	2	L4 vs. M4	M4 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G46440

7052	2	L4 vs. M4	M4 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G03190
7053	2	L4 vs. M4	M4 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G22360
7054	2	L4 vs. M4	M4 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G04120
7055	2	L4 vs. M4	M4 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G09440
7056	2	L4 vs. M4	M4 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G29040
7057	2	L4 vs. M4	M4 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G67300
7058	2	L4 vs. M4	M4 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G73260
7059	2	L4 vs. M4	M4 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G04120
7060	2	L4 vs. M4	M4 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G67480
7061	2	L4 vs. M4	M4 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G35140
7062	2	L4 vs. M4	M4 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT5G03730
7063	2	L4 vs. M4	M4 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT1G73260
7064	2	L4 vs. M4	M4 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT5G67370
7065	2	L4 vs. M4	M4 up	GO:0010288	Signaling and response	Stress	response to lead ion	P	AT5G58270
7066	2	L4 vs. M4	M4 up	GO:0010188	Signaling and response	Stress	response to microbial phytotoxin	P	AT1G45145
7067	2	L4 vs. M4	M4 up	GO:0051788	Signaling and response	Stress	response to misfolded protein	P	AT4G29040
7068	2	L4 vs. M4	M4 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G73260
7069	2	L4 vs. M4	M4 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G80840
7070	2	L4 vs. M4	M4 up	GO:0002238	Signaling and response	Stress	response to molecule of fungal origin	P	AT1G73260
7071	2	L4 vs. M4	M4 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G58360
7072	2	L4 vs. M4	M4 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G61800
7073	2	L4 vs. M4	M4 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G73260
7074	2	L4 vs. M4	M4 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G14940
7075	2	L4 vs. M4	M4 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G22190
7076	2	L4 vs. M4	M4 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G20250
7077	2	L4 vs. M4	M4 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G45640
7078	2	L4 vs. M4	M4 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G58620
7079	2	L4 vs. M4	M4 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT5G08590
7080	2	L4 vs. M4	M4 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT4G34135
7081	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G03190
7082	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G45145
7083	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G37040
7084	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G40000
7085	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G47060
7086	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G04120
7087	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G28340
7088	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G45640
7089	2	L4 vs. M4	M4 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G54810
7090	2	L4 vs. M4	M4 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT2G06050
7091	2	L4 vs. M4	M4 up	GO:0009268	Signaling and response	Stress	response to pH	P	AT2G30360
7092	2	L4 vs. M4	M4 up	GO:0051775	Signaling and response	Stress	response to redox state	P	AT3G04120
7093	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G54100
7094	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G26190
7095	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G44450
7096	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G20250
7097	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G53420
7098	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G19810
7099	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G08590
7100	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G13180
7101	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G40010
7102	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G67300
7103	2	L4 vs. M4	M4 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G67480
7104	2	L4 vs. M4	M4 up	GO:0006986	Signaling and response	Stress	response to unfolded protein	P	AT3G09440
7105	2	L4 vs. M4	M4 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT2G37040
7106	2	L4 vs. M4	M4 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G45640
7107	2	L4 vs. M4	M4 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G51240

7108	2	L4 vs. M4	M4 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G45890
7109	2	L4 vs. M4	M4 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G09440
7110	2	L4 vs. M4	M4 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G60240
7111	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G22190
7112	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G47128
7113	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G53420
7114	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G27410
7115	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G40010
7116	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G58430
7117	2	L4 vs. M4	M4 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G67300
7118	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G19640
7119	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G73080
7120	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G73260
7121	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G80840
7122	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G02990
7123	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G06050
7124	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G30020
7125	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G37040
7126	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G14050
7127	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G16470
7128	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G45640
7129	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G32940
7130	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G06320
7131	2	L4 vs. M4	M4 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G67480
7132	2	L4 vs. M4	M4 up	GO:1990112	Signaling and response	Stress	RQC complex	C	AT5G49930
7133	2	L4 vs. M4	M4 up	GO:0051903	Signaling and response	Stress	S-(hydroxymethyl)glutathione dehydrogenase activity	F	AT5G42250
7134	2	L4 vs. M4	M4 up	GO:0004867	Signaling and response	Stress	serine-type endopeptidase inhibitor activity	F	AT1G73260
7135	2	L4 vs. M4	M4 up	GO:0016444	Signaling and response	Stress	somatic cell DNA recombination	P	AT2G19480
7136	2	L4 vs. M4	M4 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G37870
7137	2	L4 vs. M4	M4 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G47060
7138	2	L4 vs. M4	M4 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G48010
7139	2	L4 vs. M4	M4 up	GO:0070413	Signaling and response	Stress	trehalose metabolism in response to stress	P	AT1G78580
7140	2	L4 vs. M4	M4 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G22360
7141	2	L4 vs. M4	M4 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G33210
7142	2	L4 vs. M4	M4 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G09440
7143	2	L4 vs. M4	M4 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G53350
7144	2	L4 vs. M4	M4 up	GO:0016032	Signaling and response	Stress	viral process	P	AT5G13180
7145	3	F23 vs. L23	F2-3 up	GO:0008356	Development	Cell division	asymmetric cell division	P	AT2G37630
7146	3	F23 vs. L23	F2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12710
7147	3	F23 vs. L23	F2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT5G44680
7148	3	F23 vs. L23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G18780
7149	3	F23 vs. L23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G11280
7150	3	F23 vs. L23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G09810
7151	3	F23 vs. L23	F2-3 up	GO:0008283	Development	Cell division	cell population proliferation	P	AT5G65870
7152	3	F23 vs. L23	F2-3 up	GO:0000793	Development	Cell division	condensed chromosome	C	AT2G37630
7153	3	F23 vs. L23	F2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT1G09600
7154	3	F23 vs. L23	F2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G09600
7155	3	F23 vs. L23	F2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G43210
7156	3	F23 vs. L23	F2-3 up	GO:0032508	Development	Cell division	DNA duplex unwinding	P	AT3G23700
7157	3	F23 vs. L23	F2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT3G12610
7158	3	F23 vs. L23	F2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT3G50000

7159	3	F23 vs. L23	F2-3 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT5G54130
7160	3	F23 vs. L23	F2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT1G70730
7161	3	F23 vs. L23	F2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G43210
7162	3	F23 vs. L23	F2-3 up	GO:0048232	Development	Cell division	male gamete generation	P	AT2G14750
7163	3	F23 vs. L23	F2-3 up	GO:0048232	Development	Cell division	male gamete generation	P	AT4G39940
7164	3	F23 vs. L23	F2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT3G43210
7165	3	F23 vs. L23	F2-3 up	GO:0033206	Development	Cell division	meiotic cytokinesis	P	AT1G14920
7166	3	F23 vs. L23	F2-3 up	GO:0009556	Development	Cell division	microsporogenesis	P	AT2G13680
7167	3	F23 vs. L23	F2-3 up	GO:0009556	Development	Cell division	microsporogenesis	P	AT3G08510
7168	3	F23 vs. L23	F2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G43210
7169	3	F23 vs. L23	F2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT5G27000
7170	3	F23 vs. L23	F2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT5G65460
7171	3	F23 vs. L23	F2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT1G64740
7172	3	F23 vs. L23	F2-3 up	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT3G08730
7173	3	F23 vs. L23	F2-3 up	GO:0031022	Development	Cell division	nuclear migration along microfilament	P	AT5G65460
7174	3	F23 vs. L23	F2-3 up	GO:0043224	Development	Cell division	nuclear SCF ubiquitin ligase complex	C	AT4G03190
7175	3	F23 vs. L23	F2-3 up	GO:0017110	Development	Cell division	nucleoside-diphosphatase activity	F	AT5G18280
7176	3	F23 vs. L23	F2-3 up	GO:0000166	Development	Cell division	nucleotide binding	F	AT3G12610
7177	3	F23 vs. L23	F2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT2G35940
7178	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT1G64980
7179	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G13680
7180	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G26490
7181	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G33100
7182	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G41210
7183	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT3G45100
7184	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT3G56950
7185	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT3G56960
7186	3	F23 vs. L23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT5G18280
7187	3	F23 vs. L23	F2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT1G24520
7188	3	F23 vs. L23	F2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT1G68610
7189	3	F23 vs. L23	F2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT2G32460
7190	3	F23 vs. L23	F2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT5G57800
7191	3	F23 vs. L23	F2-3 up	GO:0048868	Development	Cell division	pollen tube development	P	AT2G34850
7192	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G03050
7193	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G54280
7194	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G54560
7195	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G61290
7196	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G64980
7197	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G13680
7198	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G36880
7199	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G41210
7200	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G05580
7201	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G12690
7202	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G45100
7203	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G56950
7204	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G56960
7205	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT4G14880
7206	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT4G17530
7207	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G15470
7208	3	F23 vs. L23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G52360
7209	3	F23 vs. L23	F2-3 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT2G41630
7210	3	F23 vs. L23	F2-3 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT3G45640
7211	3	F23 vs. L23	F2-3 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT5G45840
7212	3	F23 vs. L23	F2-3 up	GO:0008284	Development	Cell division	positive regulation of cell population proliferation	P	AT4G32880
7213	3	F23 vs. L23	F2-3 up	GO:0048544	Development	Cell division	recognition of pollen	P	AT5G24080
7214	3	F23 vs. L23	F2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT3G50000

7215	3	F23 vs. L23	F2-3 up	GO:0042127	Development	Cell division	regulation of cell population proliferation	P	AT1G78570
7216	3	F23 vs. L23	F2-3 up	GO:0004751	Development	Cell division	ribose-5-phosphate isomerase activity	F	AT2G01290
7217	3	F23 vs. L23	F2-3 up	GO:0004751	Development	Cell division	ribose-5-phosphate isomerase activity	F	AT3G04790
7218	3	F23 vs. L23	F2-3 up	GO:0004750	Development	Cell division	ribulose-phosphate 3-epimerase activity	F	AT5G61410
7219	3	F23 vs. L23	F2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT1G21760
7220	3	F23 vs. L23	F2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT3G23050
7221	3	F23 vs. L23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT4G17030
7222	3	F23 vs. L23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT4G38400
7223	3	F23 vs. L23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT5G07550
7224	3	F23 vs. L23	F2-3 up	GO:0007338	Development	Cell division	single fertilization	P	AT1G64980
7225	3	F23 vs. L23	F2-3 up	GO:0005819	Development	Cell division	spindle	C	AT5G67470
7226	3	F23 vs. L23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT1G26770
7227	3	F23 vs. L23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT1G69530
7228	3	F23 vs. L23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G28950
7229	3	F23 vs. L23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G39700
7230	3	F23 vs. L23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT4G26260
7231	3	F23 vs. L23	F2-3 up	GO:0019079	Development	Cell division	viral genome replication	P	AT3G02470
7232	3	F23 vs. L23	F2-3 up	GO:0010158	Development	Development	abaxial cell fate specification	P	AT2G45190
7233	3	F23 vs. L23	F2-3 up	GO:0010158	Development	Development	abaxial cell fate specification	P	AT5G60450
7234	3	F23 vs. L23	F2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT1G01780
7235	3	F23 vs. L23	F2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT2G45800
7236	3	F23 vs. L23	F2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT3G61230
7237	3	F23 vs. L23	F2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT2G19770
7238	3	F23 vs. L23	F2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT5G59370
7239	3	F23 vs. L23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT1G64500
7240	3	F23 vs. L23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT4G25590
7241	3	F23 vs. L23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT5G52360
7242	3	F23 vs. L23	F2-3 up	GO:0042643	Development	Development	actomyosin, actin portion	C	AT2G01330
7243	3	F23 vs. L23	F2-3 up	GO:0009943	Development	Development	adaxial/abaxial axis specification	P	AT1G79440
7244	3	F23 vs. L23	F2-3 up	GO:0009501	Development	Development	amyloplast	C	AT3G01180
7245	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G24520
7246	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G65240
7247	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G24450
7248	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G04010
7249	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G06035
7250	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20580
7251	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20865
7252	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G22430
7253	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G36260
7254	3	F23 vs. L23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G58050
7255	3	F23 vs. L23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT1G65240
7256	3	F23 vs. L23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G24450
7257	3	F23 vs. L23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G04010
7258	3	F23 vs. L23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G52470
7259	3	F23 vs. L23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G06320
7260	3	F23 vs. L23	F2-3 up	GO:0009887	Development	Development	animal organ morphogenesis	P	AT5G65870
7261	3	F23 vs. L23	F2-3 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT2G22125
7262	3	F23 vs. L23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT1G17420
7263	3	F23 vs. L23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT1G72520
7264	3	F23 vs. L23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT4G25640
7265	3	F23 vs. L23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT5G50800
7266	3	F23 vs. L23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT1G17420
7267	3	F23 vs. L23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT1G72520
7268	3	F23 vs. L23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT2G17950
7269	3	F23 vs. L23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT2G42200
7270	3	F23 vs. L23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT3G48520

7271	3	F23 vs. L23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT2G41210
7272	3	F23 vs. L23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT3G07960
7273	3	F23 vs. L23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT3G56960
7274	3	F23 vs. L23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT4G39110
7275	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G05850
7276	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G09310
7277	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G09340
7278	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G11860
7279	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G20020
7280	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G20620
7281	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G23310
7282	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G23740
7283	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G28270
7284	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G32060
7285	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G35720
7286	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G41830
7287	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G42970
7288	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G45130
7289	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G48030
7290	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G68010
7291	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G72610
7292	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G78370
7293	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G78820
7294	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G10940
7295	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G15620
7296	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G18660
7297	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G21330
7298	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G28190
7299	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G30860
7300	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G39730
7301	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G43570
7302	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G01500
7303	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G04120
7304	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G05930
7305	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G09440
7306	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G11630
7307	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G12780
7308	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G14310
7309	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G14420
7310	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G14940
7311	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G16370
7312	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G25170
7313	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G26650
7314	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G44990
7315	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G48990
7316	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G52600
7317	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G52880
7318	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G55800
7319	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G63140
7320	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G14880
7321	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G20360
7322	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G33010
7323	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G35010
7324	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G38740
7325	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G38970
7326	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G39640

7327	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G04140
7328	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G08370
7329	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G09550
7330	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G09660
7331	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G14740
7332	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G25980
7333	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G35630
7334	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G38420
7335	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G48300
7336	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G49360
7337	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G52360
7338	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G57560
7339	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G58330
7340	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G60020
7341	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G61410
7342	3	F23 vs. L23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G65730
7343	3	F23 vs. L23	F2-3 up	GO:0090506	Development	Development	axillary shoot meristem initiation	P	AT2G17950
7344	3	F23 vs. L23	F2-3 up	GO:0048440	Development	Development	carpel development	P	AT1G62360
7345	3	F23 vs. L23	F2-3 up	GO:0048226	Development	Development	Casparian strip	C	AT4G15620
7346	3	F23 vs. L23	F2-3 up	GO:0048226	Development	Development	Casparian strip	C	AT4G15630
7347	3	F23 vs. L23	F2-3 up	GO:0005623	Development	Development	cell	C	AT3G07560
7348	3	F23 vs. L23	F2-3 up	GO:0005623	Development	Development	cell	C	AT3G15353
7349	3	F23 vs. L23	F2-3 up	GO:0005623	Development	Development	cell	C	AT3G25690
7350	3	F23 vs. L23	F2-3 up	GO:0005623	Development	Development	cell	C	AT4G17170
7351	3	F23 vs. L23	F2-3 up	GO:0005623	Development	Development	cell	C	AT5G65460
7352	3	F23 vs. L23	F2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT1G78240
7353	3	F23 vs. L23	F2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT3G25140
7354	3	F23 vs. L23	F2-3 up	GO:0005938	Development	Development	cell cortex	C	AT2G19770
7355	3	F23 vs. L23	F2-3 up	GO:0005938	Development	Development	cell cortex	C	AT3G45640
7356	3	F23 vs. L23	F2-3 up	GO:0005938	Development	Development	cell cortex	C	AT4G29340
7357	3	F23 vs. L23	F2-3 up	GO:0005938	Development	Development	cell cortex	C	AT4G29350
7358	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT1G69120
7359	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT1G78570
7360	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G17950
7361	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G32460
7362	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G46410
7363	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G15030
7364	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G54340
7365	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G32880
7366	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G36710
7367	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G16600
7368	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G20240
7369	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G60910
7370	3	F23 vs. L23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G65870
7371	3	F23 vs. L23	F2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT2G45190
7372	3	F23 vs. L23	F2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT4G08150
7373	3	F23 vs. L23	F2-3 up	GO:0001708	Development	Development	cell fate specification	P	AT4G08150
7374	3	F23 vs. L23	F2-3 up	GO:0009504	Development	Development	cell plate	C	AT5G49720
7375	3	F23 vs. L23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT1G70940
7376	3	F23 vs. L23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT3G17790
7377	3	F23 vs. L23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT3G45780
7378	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G02790
7379	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G03230
7380	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20190
7381	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20620
7382	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20850

7383	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G26770
7384	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G35720
7385	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G41830
7386	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G45130
7387	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G62380
7388	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G69530
7389	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G72610
7390	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G78820
7391	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02990
7392	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G16430
7393	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G18660
7394	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G20870
7395	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G21140
7396	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G38870
7397	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G39730
7398	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G45220
7399	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G05620
7400	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G05930
7401	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G07850
7402	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G09440
7403	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G12780
7404	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G14310
7405	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G15360
7406	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G17060
7407	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G17390
7408	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G18080
7409	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G29030
7410	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G43270
7411	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G44990
7412	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G51600
7413	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G52600
7414	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G62170
7415	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G00230
7416	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G01850
7417	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G13990
7418	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G19410
7419	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G24890
7420	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G33220
7421	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G35010
7422	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G38770
7423	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G07430
7424	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G09810
7425	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G11420
7426	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G15490
7427	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G45280
7428	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G57560
7429	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G65730
7430	3	F23 vs. L23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G67470
7431	3	F23 vs. L23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G44990
7432	3	F23 vs. L23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G57560
7433	3	F23 vs. L23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G65730
7434	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT2G45220
7435	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G05620
7436	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G14310
7437	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G17060
7438	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G43270

7439	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G62170
7440	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT4G15620
7441	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT4G15630
7442	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT4G33220
7443	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G07430
7444	3	F23 vs. L23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G53370
7445	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G02790
7446	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G63000
7447	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G64390
7448	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G75500
7449	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G78570
7450	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G13680
7451	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G32990
7452	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G33100
7453	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G05910
7454	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07820
7455	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07830
7456	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07840
7457	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07850
7458	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G44990
7459	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G16590
7460	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G19410
7461	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G19420
7462	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G24510
7463	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G31590
7464	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G32410
7465	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G39350
7466	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G08370
7467	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G09870
7468	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G16910
7469	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G45280
7470	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G48140
7471	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G49720
7472	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G64740
7473	3	F23 vs. L23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G65730
7474	3	F23 vs. L23	F2-3 up	GO:0052546	Development	Development	cell wall pectin metabolic process	P	AT3G29360
7475	3	F23 vs. L23	F2-3 up	GO:0052546	Development	Development	cell wall pectin metabolic process	P	AT5G15490
7476	3	F23 vs. L23	F2-3 up	GO:0007043	Development	Development	cell-cell junction assembly	P	AT4G15620
7477	3	F23 vs. L23	F2-3 up	GO:0007043	Development	Development	cell-cell junction assembly	P	AT4G15630
7478	3	F23 vs. L23	F2-3 up	GO:0005575	Development	Development	cellular_component	C	AT3G50560
7479	3	F23 vs. L23	F2-3 up	GO:0005575	Development	Development	cellular_component	C	AT4G29780
7480	3	F23 vs. L23	F2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G55620
7481	3	F23 vs. L23	F2-3 up	GO:0042807	Development	Development	central vacuole	C	AT2G36830
7482	3	F23 vs. L23	F2-3 up	GO:0000785	Development	Development	chromatin	C	AT1G11950
7483	3	F23 vs. L23	F2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT1G04400
7484	3	F23 vs. L23	F2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT3G50000
7485	3	F23 vs. L23	F2-3 up	GO:0009661	Development	Development	chromoplast organization	P	AT5G61670
7486	3	F23 vs. L23	F2-3 up	GO:0048268	Development	Development	clathrin coat assembly	P	AT1G03050
7487	3	F23 vs. L23	F2-3 up	GO:0032050	Development	Development	clathrin heavy chain binding	F	AT1G03050
7488	3	F23 vs. L23	F2-3 up	GO:0045334	Development	Development	clathrin-coated endocytic vesicle	C	AT1G03050
7489	3	F23 vs. L23	F2-3 up	GO:0005905	Development	Development	clathrin-coated pit	C	AT1G03050
7490	3	F23 vs. L23	F2-3 up	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT1G03050
7491	3	F23 vs. L23	F2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT1G03050
7492	3	F23 vs. L23	F2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT3G07960
7493	3	F23 vs. L23	F2-3 up	GO:0043674	Development	Development	columella	C	AT2G47160
7494	3	F23 vs. L23	F2-3 up	GO:0043674	Development	Development	columella	C	AT3G26520

7495	3	F23 vs. L23	F2-3 up	GO:0030864	Development	Development	cortical actin cytoskeleton	C	AT2G01330
7496	3	F23 vs. L23	F2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT5G49720
7497	3	F23 vs. L23	F2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT5G64740
7498	3	F23 vs. L23	F2-3 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT5G64740
7499	3	F23 vs. L23	F2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT1G79440
7500	3	F23 vs. L23	F2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT3G07050
7501	3	F23 vs. L23	F2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT3G15030
7502	3	F23 vs. L23	F2-3 up	GO:0048826	Development	Development	cotyledon morphogenesis	P	AT3G15030
7503	3	F23 vs. L23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT1G02205
7504	3	F23 vs. L23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT1G68530
7505	3	F23 vs. L23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT5G33370
7506	3	F23 vs. L23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT5G57800
7507	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01780
7508	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G03495
7509	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G03620
7510	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G03905
7511	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04400
7512	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G05010
7513	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G06640
7514	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G08830
7515	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09430
7516	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G10370
7517	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12070
7518	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G13890
7519	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15470
7520	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18150
7521	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18660
7522	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18740
7523	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G21760
7524	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G21980
7525	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G22710
7526	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G22760
7527	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23310
7528	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23750
7529	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G25350
7530	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G26480
7531	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G28480
7532	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G28680
7533	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G29340
7534	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G31490
7535	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G35190
7536	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G42680
7537	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G44160
7538	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G44170
7539	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G47530
7540	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G48600
7541	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G50320
7542	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G54290
7543	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G56500
7544	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G56580
7545	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G58180
7546	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G59730
7547	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G60810
7548	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G62360
7549	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G62380
7550	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G62450

7551	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G64190
7552	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G64740
7553	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68530
7554	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68570
7555	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G70580
7556	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G70730
7557	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G71050
7558	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G71697
7559	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G71770
7560	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G72730
7561	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G74090
7562	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78160
7563	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78290
7564	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78320
7565	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78370
7566	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78780
7567	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80280
7568	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01290
7569	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01330
7570	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G02390
7571	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G02800
7572	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G03410
7573	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G15310
7574	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17290
7575	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G18390
7576	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19770
7577	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22125
7578	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22240
7579	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G23170
7580	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G24270
7581	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G24540
7582	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G25530
7583	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G26490
7584	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G29630
7585	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30520
7586	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30830
7587	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30860
7588	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31500
7589	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31570
7590	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31830
7591	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G34810
7592	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35840
7593	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35940
7594	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36830
7595	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36880
7596	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37040
7597	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37760
7598	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37770
7599	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37970
7600	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G38240
7601	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39330
7602	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39770
7603	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40000
7604	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40230
7605	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40670
7606	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42200

7607	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44120
7608	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45800
7609	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G46860
7610	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G47160
7611	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G47650
7612	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G01400
7613	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G01500
7614	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02570
7615	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02770
7616	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03190
7617	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03250
7618	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03430
7619	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04120
7620	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04840
7621	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G05500
7622	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G05580
7623	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07960
7624	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G08730
7625	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09440
7626	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09940
7627	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G10700
7628	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11050
7629	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11630
7630	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12690
7631	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12780
7632	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G13930
7633	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14310
7634	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14420
7635	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14940
7636	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G15360
7637	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16800
7638	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G17020
7639	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G17390
7640	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G18780
7641	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19370
7642	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19710
7643	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19980
7644	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G21260
7645	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G21560
7646	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22400
7647	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G23810
7648	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G24503
7649	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G26060
7650	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G27300
7651	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G29360
7652	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G44190
7653	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G45140
7654	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G45640
7655	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G45780
7656	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G46520
7657	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G46620
7658	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G47940
7659	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G48170
7660	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G48990
7661	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G50210
7662	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G51240

7663	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G52720
7664	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G52880
7665	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53960
7666	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54660
7667	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54700
7668	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55610
7669	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55800
7670	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56150
7671	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56240
7672	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G57050
7673	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61220
7674	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61230
7675	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61760
7676	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62290
7677	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62960
7678	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G01480
7679	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G01850
7680	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02890
7681	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G03190
7682	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G04040
7683	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G11280
7684	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G13930
7685	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14710
7686	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14880
7687	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G15700
7688	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G16143
7689	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G17080
7690	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G17170
7691	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G17230
7692	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G18220
7693	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G18950
7694	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G21990
7695	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G22870
7696	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24380
7697	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25590
7698	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25640
7699	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26100
7700	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26260
7701	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26470
7702	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G28000
7703	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G29340
7704	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G29350
7705	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G30530
7706	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G31290
7707	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G31800
7708	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G36250
7709	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G37990
7710	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G38740
7711	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39800
7712	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01410
7713	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01600
7714	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02270
7715	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02790
7716	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04710
7717	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04980
7718	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05600

7719	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G07440
7720	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G07460
7721	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G08100
7722	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G08640
7723	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09230
7724	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09550
7725	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09660
7726	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09810
7727	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G11790
7728	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G13930
7729	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G14740
7730	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G15490
7731	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16450
7732	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G17480
7733	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18280
7734	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18600
7735	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20240
7736	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20700
7737	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G22030
7738	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24530
7739	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G27000
7740	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G36160
7741	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G39320
7742	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G41790
7743	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G42050
7744	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G43380
7745	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G44110
7746	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47650
7747	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G52360
7748	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54080
7749	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54510
7750	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56350
7751	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58330
7752	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G59370
7753	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G62360
7754	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G63680
7755	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64350
7756	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64370
7757	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67160
7758	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67470
7759	3	F23 vs. L23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67480
7760	3	F23 vs. L23	F2-3 up	GO:0009898	Development	Development	cytoplasmic side of plasma membrane	C	AT3G45780
7761	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT2G19770
7762	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G18780
7763	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G46520
7764	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT4G29340
7765	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT4G29350
7766	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G09810
7767	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G41790
7768	3	F23 vs. L23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G59370
7769	3	F23 vs. L23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT3G46520
7770	3	F23 vs. L23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G09810
7771	3	F23 vs. L23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G59370
7772	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G01320
7773	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G03905
7774	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G05010

7775	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G08830
7776	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09310
7777	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09340
7778	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09430
7779	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G10370
7780	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G11840
7781	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G12070
7782	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20620
7783	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G22760
7784	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G22840
7785	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G23310
7786	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G25350
7787	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G35720
7788	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G44160
7789	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53280
7790	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53500
7791	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G54290
7792	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G60810
7793	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G62380
7794	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G62450
7795	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G63000
7796	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64190
7797	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64740
7798	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64980
7799	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G65960
7800	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G68010
7801	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G70310
7802	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G70580
7803	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G70730
7804	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G71770
7805	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G72730
7806	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G74450
7807	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G76130
7808	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G76990
7809	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G77090
7810	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78320
7811	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78370
7812	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78570
7813	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79440
7814	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G80460
7815	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G01520
7816	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G02390
7817	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16430
7818	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G17290
7819	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G19570
7820	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G21330
7821	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G22125
7822	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G24270
7823	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G26740
7824	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G28305
7825	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G30860
7826	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G30970
7827	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G31570
7828	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G31750
7829	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35370
7830	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35840

7831	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36880
7832	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37760
7833	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37770
7834	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G38240
7835	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G38280
7836	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G38870
7837	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G39700
7838	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G39770
7839	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G40890
7840	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G41210
7841	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42750
7842	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G43760
7843	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44120
7844	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G45770
7845	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46140
7846	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46820
7847	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46860
7848	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G48020
7849	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G01500
7850	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02470
7851	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02570
7852	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02770
7853	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02780
7854	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03190
7855	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03250
7856	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04120
7857	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04790
7858	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04840
7859	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G05580
7860	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G06035
7861	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G06510
7862	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G08560
7863	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09440
7864	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09810
7865	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09940
7866	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10700
7867	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11170
7868	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11410
7869	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11630
7870	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12780
7871	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13110
7872	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13930
7873	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14310
7874	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14420
7875	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14620
7876	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14940
7877	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G15360
7878	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16170
7879	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G17020
7880	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G17390
7881	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18780
7882	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G19710
7883	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21260
7884	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21670
7885	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23810
7886	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23920

7887	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G24503
7888	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G25690
7889	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G25760
7890	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26060
7891	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26520
7892	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26650
7893	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G27300
7894	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G27380
7895	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G29360
7896	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45140
7897	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46520
7898	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46620
7899	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G47940
7900	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G47960
7901	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48170
7902	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48420
7903	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48990
7904	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G49110
7905	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G50000
7906	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51600
7907	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51820
7908	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51920
7909	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52880
7910	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54660
7911	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54960
7912	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55610
7913	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55800
7914	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56150
7915	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56240
7916	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56960
7917	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G57020
7918	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G58730
7919	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G59970
7920	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60100
7921	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61160
7922	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61220
7923	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61990
7924	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G62290
7925	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G62410
7926	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G63140
7927	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01480
7928	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01610
7929	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01850
7930	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G02890
7931	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G03280
7932	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04040
7933	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10040
7934	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10120
7935	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10440
7936	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G11600
7937	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G11960
7938	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13230
7939	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13560
7940	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13770
7941	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13930
7942	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14710

7943	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14880
7944	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15210
7945	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15530
7946	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G16143
7947	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G16660
7948	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G17090
7949	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G17530
7950	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G18050
7951	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G18950
7952	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20760
7953	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23100
7954	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23890
7955	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24930
7956	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G26970
7957	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G29350
7958	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G30530
7959	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33010
7960	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34050
7961	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34710
7962	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G35150
7963	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37180
7964	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37550
7965	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37560
7966	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G38740
7967	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G38970
7968	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G01410
7969	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G02270
7970	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G02790
7971	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G05600
7972	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G07460
7973	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G08100
7974	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G08160
7975	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G09810
7976	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G11520
7977	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G13990
7978	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14200
7979	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14740
7980	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G15490
7981	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G15950
7982	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G22580
7983	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G36160
7984	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G36880
7985	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G38900
7986	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G39320
7987	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G41790
7988	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G44110
7989	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G45280
7990	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G47650
7991	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G51720
7992	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G54080
7993	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G56350
7994	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58690
7995	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58700
7996	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G59730
7997	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G61410
7998	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G63680

7999	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64350
8000	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64370
8001	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G65460
8002	3	F23 vs. L23	F2-3 up	GO:0005829	Development	Development	cytosol	C	ATCG00120
8003	3	F23 vs. L23	F2-3 up	GO:0048589	Development	Development	developmental growth	P	AT4G03190
8004	3	F23 vs. L23	F2-3 up	GO:0048589	Development	Development	developmental growth	P	AT5G53460
8005	3	F23 vs. L23	F2-3 up	GO:0060560	Development	Development	developmental growth involved in morphogenesis	P	AT5G60910
8006	3	F23 vs. L23	F2-3 up	GO:0032502	Development	Development	developmental process	P	AT2G30490
8007	3	F23 vs. L23	F2-3 up	GO:0080186	Development	Development	developmental vegetative growth	P	AT3G05500
8008	3	F23 vs. L23	F2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT3G21180
8009	3	F23 vs. L23	F2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G13560
8010	3	F23 vs. L23	F2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G14880
8011	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G18390
8012	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G22240
8013	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34850
8014	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G38280
8015	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G02570
8016	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G15030
8017	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G19980
8018	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G48740
8019	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G55610
8020	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G04040
8021	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G39800
8022	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G13710
8023	3	F23 vs. L23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G61410
8024	3	F23 vs. L23	F2-3 up	GO:0009558	Development	Development	embryo sac cellularization	P	AT2G18390
8025	3	F23 vs. L23	F2-3 up	GO:0009558	Development	Development	embryo sac cellularization	P	AT3G43210
8026	3	F23 vs. L23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT3G08510
8027	3	F23 vs. L23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT5G14200
8028	3	F23 vs. L23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT5G24120
8029	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT1G54280
8030	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT1G61290
8031	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT3G03800
8032	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT3G17630
8033	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT4G25030
8034	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G01410
8035	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G01690
8036	3	F23 vs. L23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G45840
8037	3	F23 vs. L23	F2-3 up	GO:0005788	Development	Development	endoplasmic reticulum lumen	C	AT3G54960
8038	3	F23 vs. L23	F2-3 up	GO:0009960	Development	Development	endosperm development	P	AT2G18390
8039	3	F23 vs. L23	F2-3 up	GO:0009960	Development	Development	endosperm development	P	AT2G41630
8040	3	F23 vs. L23	F2-3 up	GO:0009913	Development	Development	epidermal cell differentiation	P	AT2G46410
8041	3	F23 vs. L23	F2-3 up	GO:0009957	Development	Development	epidermal cell fate specification	P	AT1G63650
8042	3	F23 vs. L23	F2-3 up	GO:0007164	Development	Development	establishment of tissue polarity	P	AT3G56960
8043	3	F23 vs. L23	F2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G13990
8044	3	F23 vs. L23	F2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G59730
8045	3	F23 vs. L23	F2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT4G01850
8046	3	F23 vs. L23	F2-3 up	GO:0031012	Development	Development	extracellular matrix	C	AT1G72610
8047	3	F23 vs. L23	F2-3 up	GO:0031012	Development	Development	extracellular matrix	C	AT5G65870
8048	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01320
8049	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G02790
8050	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G03230
8051	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04530

8052	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G05010
8053	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G05850
8054	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G06690
8055	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G07440
8056	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G08830
8057	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09310
8058	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09340
8059	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09430
8060	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11840
8061	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11860
8062	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12250
8063	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12840
8064	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G13270
8065	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14000
8066	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G15470
8067	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G17360
8068	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G19610
8069	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G20190
8070	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G22750
8071	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G26770
8072	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G28270
8073	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G29140
8074	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G34040
8075	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G41830
8076	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G45130
8077	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G47980
8078	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G49800
8079	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G55570
8080	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G58430
8081	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G61820
8082	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G62290
8083	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G64140
8084	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G64390
8085	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G67870
8086	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G69530
8087	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G72610
8088	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G74670
8089	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G75800
8090	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G75880
8091	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G76130
8092	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G78820
8093	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02140
8094	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02990
8095	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G03200
8096	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G05530
8097	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G14900
8098	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G16430
8099	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G18660
8100	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G19980
8101	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G20870
8102	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G21140
8103	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G28190
8104	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G28950
8105	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G30490
8106	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G32990
8107	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G34810

8108	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G37240
8109	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G38870
8110	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G39700
8111	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G39850
8112	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G40090
8113	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G41480
8114	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G43570
8115	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G43590
8116	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G44210
8117	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G44890
8118	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G45220
8119	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G01420
8120	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G04010
8121	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G04360
8122	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G04720
8123	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G05620
8124	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G05910
8125	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G05930
8126	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07820
8127	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07830
8128	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07840
8129	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07850
8130	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13065
8131	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13390
8132	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G15353
8133	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G17060
8134	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G17180
8135	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G17790
8136	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G18080
8137	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G18280
8138	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G19390
8139	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G23920
8140	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G24670
8141	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G25170
8142	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G29030
8143	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G43270
8144	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G44990
8145	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G45010
8146	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G48460
8147	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G48520
8148	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G48610
8149	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G49110
8150	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G50620
8151	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G51070
8152	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G51600
8153	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52000
8154	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52370
8155	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G53100
8156	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G53980
8157	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G56950
8158	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G57680
8159	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G61990
8160	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G62170
8161	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G00230
8162	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G00360
8163	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G01610

8164	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G04460
8165	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G11760
8166	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G15210
8167	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G17030
8168	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G17090
8169	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G19410
8170	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G19420
8171	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24890
8172	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G27435
8173	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G28780
8174	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G33220
8175	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G33530
8176	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G33550
8177	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G35010
8178	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G35350
8179	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G37760
8180	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G38400
8181	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G38770
8182	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39480
8183	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39640
8184	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39730
8185	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G07430
8186	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G07550
8187	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G08260
8188	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G11420
8189	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G24080
8190	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G25610
8191	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G25980
8192	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G26060
8193	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G33370
8194	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G36260
8195	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G45280
8196	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G47000
8197	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G48140
8198	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G49360
8199	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G50800
8200	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G51890
8201	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G53370
8202	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G55720
8203	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G60020
8204	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G60360
8205	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G63180
8206	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G65730
8207	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G65870
8208	3	F23 vs. L23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G67480
8209	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT1G08830
8210	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT1G20850
8211	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT2G19980
8212	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT2G28190
8213	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G19390
8214	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G01610
8215	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G35350
8216	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G45890
8217	3	F23 vs. L23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G60360
8218	3	F23 vs. L23	F2-3 up	GO:0042406	Development	Development	extrinsic component of endoplasmic reticulum membrane	C	AT5G42800

8219	3	F23 vs. L23	F2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT1G62360
8220	3	F23 vs. L23	F2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT1G69120
8221	3	F23 vs. L23	F2-3 up	GO:0048437	Development	Development	floral organ development	P	AT3G08510
8222	3	F23 vs. L23	F2-3 up	GO:0048449	Development	Development	floral organ formation	P	AT4G37180
8223	3	F23 vs. L23	F2-3 up	GO:0048444	Development	Development	floral organ morphogenesis	P	AT3G07050
8224	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT1G19180
8225	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT1G30330
8226	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT1G69120
8227	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT2G37630
8228	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT2G38110
8229	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT3G02780
8230	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT3G10570
8231	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT3G11050
8232	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT4G23100
8233	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT5G01600
8234	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT5G06850
8235	3	F23 vs. L23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT5G60910
8236	3	F23 vs. L23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT2G45190
8237	3	F23 vs. L23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G04120
8238	3	F23 vs. L23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G48520
8239	3	F23 vs. L23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G61880
8240	3	F23 vs. L23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G40010
8241	3	F23 vs. L23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G60910
8242	3	F23 vs. L23	F2-3 up	GO:0009835	Development	Development	fruit ripening	P	AT1G05010
8243	3	F23 vs. L23	F2-3 up	GO:0009835	Development	Development	fruit ripening	P	AT4G11280
8244	3	F23 vs. L23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G27930
8245	3	F23 vs. L23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G31850
8246	3	F23 vs. L23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT3G21190
8247	3	F23 vs. L23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT3G23300
8248	3	F23 vs. L23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT4G22750
8249	3	F23 vs. L23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT5G18280
8250	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT1G04430
8251	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT1G74380
8252	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT1G78240
8253	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT2G47650
8254	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G23820
8255	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G25140
8256	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G27230
8257	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G47960
8258	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G19120
8259	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G27720
8260	3	F23 vs. L23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G30996
8261	3	F23 vs. L23	F2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT3G45640
8262	3	F23 vs. L23	F2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT4G29350
8263	3	F23 vs. L23	F2-3 up	GO:0010450	Development	Development	inflorescence meristem growth	P	AT2G45190
8264	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01600
8265	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G02390
8266	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G03550
8267	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G04430
8268	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G04760
8269	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06090
8270	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G12110
8271	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G12240
8272	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G13860
8273	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G16310
8274	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G16370

8275	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G16410
8276	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18740
8277	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G19150
8278	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G19380
8279	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G20823
8280	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21070
8281	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G22550
8282	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G22750
8283	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24400
8284	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24520
8285	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27930
8286	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27980
8287	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31260
8288	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31850
8289	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32080
8290	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32450
8291	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G33170
8292	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34040
8293	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G44575
8294	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G45474
8295	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G47530
8296	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G50250
8297	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G50610
8298	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G52190
8299	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G52580
8300	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G54280
8301	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G56500
8302	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G59870
8303	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G60030
8304	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61290
8305	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61740
8306	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61800
8307	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G63060
8308	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G63710
8309	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G64060
8310	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G64150
8311	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68440
8312	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68530
8313	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68570
8314	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68610
8315	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G69640
8316	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G70940
8317	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G72180
8318	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74380
8319	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74450
8320	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75020
8321	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75500
8322	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75690
8323	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G76090
8324	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G76490
8325	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G76670
8326	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G78240
8327	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80280
8328	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80660
8329	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80760
8330	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01320

8331	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01420
8332	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G03240
8333	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G07560
8334	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G13680
8335	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G17370
8336	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G18470
8337	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G19980
8338	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G20840
8339	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G21960
8340	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22900
8341	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22950
8342	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24180
8343	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24820
8344	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26500
8345	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26690
8346	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G29980
8347	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G30010
8348	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G30490
8349	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G31360
8350	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33100
8351	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33670
8352	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34850
8353	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G36630
8354	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G36830
8355	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G37180
8356	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38110
8357	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38170
8358	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38460
8359	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G39510
8360	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G40460
8361	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G40890
8362	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46210
8363	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46300
8364	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46820
8365	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G47160
8366	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G47650
8367	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G01980
8368	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G03770
8369	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G03800
8370	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G05890
8371	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G07560
8372	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G07700
8373	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G08610
8374	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G10570
8375	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G11170
8376	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G11900
8377	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G13065
8378	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G14620
8379	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G14770
8380	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G16340
8381	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G17611
8382	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G17630
8383	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G20190
8384	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21180
8385	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21190
8386	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21670

8387	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22370
8388	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22840
8389	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G23300
8390	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G23820
8391	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25140
8392	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25290
8393	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G26520
8394	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G27230
8395	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G28150
8396	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G29060
8397	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G30390
8398	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G42640
8399	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G45100
8400	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47960
8401	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48520
8402	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48740
8403	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50620
8404	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50910
8405	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G51070
8406	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G51820
8407	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G52470
8408	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G52950
8409	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53420
8410	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53960
8411	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G54510
8412	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G54700
8413	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G55100
8414	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G56950
8415	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G57330
8416	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G60330
8417	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G61880
8418	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G00360
8419	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G01470
8420	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G03280
8421	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G10440
8422	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G11960
8423	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13770
8424	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13800
8425	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13990
8426	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G14615
8427	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G14690
8428	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G15620
8429	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G15630
8430	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G16590
8431	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G17080
8432	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18050
8433	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18220
8434	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G19120
8435	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G19230
8436	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G20460
8437	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24570
8438	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25030
8439	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25040
8440	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27030
8441	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27435
8442	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27720

8443	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G28490
8444	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G30996
8445	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G31330
8446	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G31590
8447	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G32260
8448	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G32410
8449	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G33530
8450	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G34720
8451	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G34950
8452	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G37430
8453	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G37760
8454	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G38100
8455	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39030
8456	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39110
8457	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39350
8458	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39480
8459	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39510
8460	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01430
8461	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01690
8462	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G04500
8463	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G06320
8464	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G06530
8465	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G06850
8466	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G07550
8467	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G09870
8468	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G11960
8469	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G12170
8470	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G13490
8471	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G14120
8472	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G14940
8473	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G15470
8474	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G16010
8475	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G17860
8476	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G18280
8477	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G23060
8478	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G24080
8479	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G24140
8480	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G24650
8481	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G25120
8482	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G35735
8483	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G36220
8484	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G36260
8485	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G37300
8486	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G37810
8487	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G38660
8488	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40010
8489	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G43745
8490	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G45840
8491	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46800
8492	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G47910
8493	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49130
8494	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49720
8495	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49950
8496	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50720
8497	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50800
8498	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52450

8499	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53370
8500	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53890
8501	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G54250
8502	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G54980
8503	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G55340
8504	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G55960
8505	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G57350
8506	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G57800
8507	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G58050
8508	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G60740
8509	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61670
8510	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61700
8511	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G62680
8512	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G64280
8513	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G65650
8514	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G65810
8515	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G66070
8516	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67210
8517	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67370
8518	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67470
8519	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00150
8520	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00220
8521	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00560
8522	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01100
8523	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00480
8524	3	F23 vs. L23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00650
8525	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G22710
8526	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G50310
8527	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G64060
8528	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G30440
8529	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G39210
8530	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G48020
8531	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G03160
8532	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G05960
8533	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G14770
8534	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G48740
8535	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G51490
8536	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G09220
8537	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G50800
8538	3	F23 vs. L23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G64740
8539	3	F23 vs. L23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT3G07560
8540	3	F23 vs. L23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G17170
8541	3	F23 vs. L23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G40890
8542	3	F23 vs. L23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G65460
8543	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G17370
8544	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G18570
8545	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G31750
8546	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G31790
8547	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G36790
8548	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G38280
8549	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G40890
8550	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G21560
8551	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G21760
8552	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G46670
8553	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G01070
8554	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G40890

8555	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61690
8556	3	F23 vs. L23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61700
8557	3	F23 vs. L23	F2-3 up	GO:0097708	Development	Development	intracellular vesicle	C	AT1G68570
8558	3	F23 vs. L23	F2-3 up	GO:0005770	Development	Development	late endosome	C	AT3G17630
8559	3	F23 vs. L23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT1G12240
8560	3	F23 vs. L23	F2-3 up	GO:0016328	Development	Development	lateral plasma membrane	C	AT1G70940
8561	3	F23 vs. L23	F2-3 up	GO:0016328	Development	Development	lateral plasma membrane	C	AT2G47160
8562	3	F23 vs. L23	F2-3 up	GO:0048527	Development	Development	lateral root development	P	AT1G10370
8563	3	F23 vs. L23	F2-3 up	GO:0048527	Development	Development	lateral root development	P	AT1G32080
8564	3	F23 vs. L23	F2-3 up	GO:0048527	Development	Development	lateral root development	P	AT4G29350
8565	3	F23 vs. L23	F2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT3G22400
8566	3	F23 vs. L23	F2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G05730
8567	3	F23 vs. L23	F2-3 up	GO:0010102	Development	Development	lateral root morphogenesis	P	AT4G28490
8568	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT1G79440
8569	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G42200
8570	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G11050
8571	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G14940
8572	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G15030
8573	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G20360
8574	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G29350
8575	3	F23 vs. L23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT5G01600
8576	3	F23 vs. L23	F2-3 up	GO:0010338	Development	Development	leaf formation	P	AT2G37630
8577	3	F23 vs. L23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G23760
8578	3	F23 vs. L23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G37630
8579	3	F23 vs. L23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT3G15030
8580	3	F23 vs. L23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT5G08370
8581	3	F23 vs. L23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT5G65810
8582	3	F23 vs. L23	F2-3 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT1G14000
8583	3	F23 vs. L23	F2-3 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT1G27340
8584	3	F23 vs. L23	F2-3 up	GO:0005811	Development	Development	lipid droplet	C	AT3G05500
8585	3	F23 vs. L23	F2-3 up	GO:0010076	Development	Development	maintenance of floral meristem identity	P	AT1G69120
8586	3	F23 vs. L23	F2-3 up	GO:0010077	Development	Development	maintenance of inflorescence meristem identity	P	AT3G07050
8587	3	F23 vs. L23	F2-3 up	GO:0010077	Development	Development	maintenance of inflorescence meristem identity	P	AT5G60910
8588	3	F23 vs. L23	F2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT1G79440
8589	3	F23 vs. L23	F2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT2G17950
8590	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G02390
8591	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G12070
8592	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G12240
8593	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G16310
8594	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G20190
8595	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G22710
8596	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G26770
8597	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G35720
8598	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G47530
8599	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G62450
8600	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G69530
8601	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G71050
8602	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G76490
8603	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G17290
8604	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G28950
8605	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G38110
8606	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G39420
8607	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G39700
8608	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G45770
8609	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G47650
8610	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G11900

8611	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G21180
8612	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G29030
8613	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G61760
8614	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G03280
8615	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G13990
8616	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G35060
8617	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G17450
8618	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G39210
8619	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G49130
8620	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G52450
8621	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G54250
8622	3	F23 vs. L23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G57800
8623	3	F23 vs. L23	F2-3 up	GO:0061025	Development	Development	membrane fusion	P	AT1G13890
8624	3	F23 vs. L23	F2-3 up	GO:0061025	Development	Development	membrane fusion	P	AT1G61290
8625	3	F23 vs. L23	F2-3 up	GO:0061025	Development	Development	membrane fusion	P	AT3G03800
8626	3	F23 vs. L23	F2-3 up	GO:0010014	Development	Development	meristem initiation	P	AT4G32880
8627	3	F23 vs. L23	F2-3 up	GO:0010073	Development	Development	meristem maintenance	P	AT1G23380
8628	3	F23 vs. L23	F2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT1G69120
8629	3	F23 vs. L23	F2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT2G45190
8630	3	F23 vs. L23	F2-3 up	GO:0042579	Development	Development	microbody	C	AT5G09660
8631	3	F23 vs. L23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT1G64740
8632	3	F23 vs. L23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G43210
8633	3	F23 vs. L23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G61760
8634	3	F23 vs. L23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G27000
8635	3	F23 vs. L23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G65460
8636	3	F23 vs. L23	F2-3 up	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT1G62360
8637	3	F23 vs. L23	F2-3 up	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT1G64740
8638	3	F23 vs. L23	F2-3 up	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT2G18390
8639	3	F23 vs. L23	F2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT1G64740
8640	3	F23 vs. L23	F2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT2G18390
8641	3	F23 vs. L23	F2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT3G16800
8642	3	F23 vs. L23	F2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G43210
8643	3	F23 vs. L23	F2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT5G27000
8644	3	F23 vs. L23	F2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT5G65460
8645	3	F23 vs. L23	F2-3 up	GO:0007017	Development	Development	microtubule-based process	P	AT1G64740
8646	3	F23 vs. L23	F2-3 up	GO:0012511	Development	Development	monolayer-surrounded lipid storage body	C	AT3G01420
8647	3	F23 vs. L23	F2-3 up	GO:0012511	Development	Development	monolayer-surrounded lipid storage body	C	AT5G07550
8648	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G14920
8649	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G49800
8650	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G50250
8651	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G63650
8652	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G69120
8653	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G77980
8654	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G23290
8655	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G54340
8656	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G60910
8657	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G62520
8658	3	F23 vs. L23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G65870
8659	3	F23 vs. L23	F2-3 up	GO:0035264	Development	Development	multicellular organism growth	P	AT1G27730
8660	3	F23 vs. L23	F2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT1G05850
8661	3	F23 vs. L23	F2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT4G32410
8662	3	F23 vs. L23	F2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT5G64740
8663	3	F23 vs. L23	F2-3 up	GO:0016459	Development	Development	myosin complex	C	AT1G54560
8664	3	F23 vs. L23	F2-3 up	GO:0016604	Development	Development	nuclear body	C	AT1G04400
8665	3	F23 vs. L23	F2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT1G09600
8666	3	F23 vs. L23	F2-3 up	GO:0016363	Development	Development	nuclear matrix	C	AT3G09440

8667	3	F23 vs. L23	F2-3 up	GO:0016363	Development	Development	nuclear matrix	C	AT5G62520
8668	3	F23 vs. L23	F2-3 up	GO:0005643	Development	Development	nuclear pore	C	AT4G16143
8669	3	F23 vs. L23	F2-3 up	GO:0009295	Development	Development	nucleoid	C	AT2G46820
8670	3	F23 vs. L23	F2-3 up	GO:0009295	Development	Development	nucleoid	C	AT4G20360
8671	3	F23 vs. L23	F2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT4G16143
8672	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01250
8673	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01320
8674	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01630
8675	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01720
8676	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03050
8677	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03620
8678	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G04400
8679	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G04530
8680	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G08830
8681	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09250
8682	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09310
8683	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09600
8684	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G11950
8685	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G13860
8686	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G13890
8687	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14000
8688	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14920
8689	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15470
8690	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15980
8691	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16290
8692	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16410
8693	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16880
8694	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17370
8695	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17380
8696	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18150
8697	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18660
8698	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18740
8699	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19180
8700	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19550
8701	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20020
8702	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20620
8703	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21010
8704	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21060
8705	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21760
8706	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22710
8707	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22760
8708	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22840
8709	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23310
8710	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23380
8711	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23460
8712	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23710
8713	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23740
8714	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23750
8715	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23800
8716	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G25350
8717	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26480
8718	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26610
8719	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27730
8720	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27930
8721	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G28480
8722	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29340

8723	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G30330
8724	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G30810
8725	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32060
8726	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32450
8727	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32640
8728	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G33170
8729	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G35490
8730	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G35720
8731	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G42970
8732	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G44170
8733	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G44575
8734	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G44820
8735	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G45130
8736	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47530
8737	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47570
8738	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48030
8739	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50250
8740	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50610
8741	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50940
8742	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G51090
8743	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G51110
8744	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G52190
8745	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53280
8746	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53500
8747	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54290
8748	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54560
8749	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G55480
8750	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G56500
8751	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G57770
8752	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G59640
8753	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G61660
8754	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62290
8755	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62360
8756	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62380
8757	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62540
8758	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62570
8759	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63650
8760	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63930
8761	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64500
8762	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64510
8763	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64740
8764	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64800
8765	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64980
8766	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G65960
8767	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G68440
8768	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G68610
8769	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G69120
8770	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70310
8771	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70480
8772	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70700
8773	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70730
8774	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G71770
8775	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G73390
8776	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G74450
8777	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G74510
8778	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75160

8779	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G77980
8780	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78240
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8782	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78370
8783	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78940
8784	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G79270
8785	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80840
8786	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01520
8787	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G02800
8788	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G13570
8789	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G16750
8790	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17220
8791	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17290
8792	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17370
8793	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17840
8794	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17950
8795	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18470
8796	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G19570
8797	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G19770
8798	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G20320
8799	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G20470
8800	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G21880
8801	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G22125
8802	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23170
8803	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23760
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8805	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G25740
8806	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26490
8807	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26740
8808	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G27590
8809	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G28305
8810	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G30020
8811	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G30360
8812	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G30520
8813	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31380
8814	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31500
8815	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31570
8816	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G32460
8817	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G34600
8818	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35370
8819	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35840
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8821	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G36880
8822	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G37630
8823	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G38280
8824	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G38640
8825	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39130
8826	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39650
8827	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39730
8828	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39770
8829	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G40140
8830	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G40670
8831	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G41630
8832	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42200
8833	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42320
8834	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G43760

8835	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45190
8836	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45610
8837	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45800
8838	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G46410
8839	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G46830
8840	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47590
8841	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G01400
8842	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G01680
8843	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04120
8844	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G05580
8845	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G06490
8846	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07050
8847	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07960
8848	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G08560
8849	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G08720
8850	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G08730
8851	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G08990
8852	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G11410
8853	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12690
8854	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12780
8855	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G14420
8856	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15030
8857	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15540
8858	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16170
8859	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16800
8860	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17310
8861	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17800
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8863	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19090
8864	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19800
8865	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19980
8866	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G20220
8867	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21890
8868	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23050
8869	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23290
8870	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23300
8871	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23700
8872	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23920
8873	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G25690
8874	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G29360
8875	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G43120
8876	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G43210
8877	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45100
8878	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45640
8879	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45780
8880	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46600
8881	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46620
8882	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46670
8883	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G47960
8884	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50000
8885	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50910
8886	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51070
8887	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51290
8888	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51920
8889	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G52800
8890	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54340

8891	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56150
8892	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57600
8893	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61160
8894	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G62960
8895	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G00480
8896	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02890
8897	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G03190
8898	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G03200
8899	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G04980
8900	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G08150
8901	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10120
8902	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14710
8903	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14880
8904	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15530
8905	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15700
8906	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17230
8907	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G18050
8908	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G18920
8909	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G18950
8910	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G19120
8911	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G20300
8912	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G20360
8913	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G24510
8914	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25030
8915	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25590
8916	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26100
8917	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G29340
8918	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G30470
8919	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31080
8920	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31230
8921	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31290
8922	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31590
8923	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31800
8924	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32020
8925	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32800
8926	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32880
8927	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33530
8928	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G34050
8929	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G34710
8930	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35060
8931	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35350
8932	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35500
8933	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G36710
8934	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37180
8935	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G39800
8936	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06850
8937	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G08160
8938	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G08640
8939	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G09230
8940	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G12000
8941	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13160
8942	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13930
8943	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13990
8944	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G15490
8945	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G15950
8946	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G16600

8947	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G17450
8948	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20240
8949	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20700
8950	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G22030
8951	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G22250
8952	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24080
8953	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G37300
8954	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G39210
8955	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G39320
8956	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40010
8957	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40890
8958	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41810
8959	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42050
8960	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G43380
8961	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G44300
8962	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G44680
8963	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47670
8964	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47910
8965	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G52360
8966	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53370
8967	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54490
8968	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54510
8969	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54980
8970	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G56140
8971	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G56860
8972	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59480
8973	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59730
8974	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60450
8975	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60600
8976	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60910
8977	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61670
8978	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62020
8979	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62520
8980	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62570
8981	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64660
8982	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65410
8983	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65460
8984	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65810
8985	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G66070
8986	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67300
8987	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67470
8988	3	F23 vs. L23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67480
8989	3	F23 vs. L23	F2-3 up	GO:0051640	Development	Development	organelle localization	P	AT1G54560
8990	3	F23 vs. L23	F2-3 up	GO:0007389	Development	Development	pattern specification process	P	AT1G70940
8991	3	F23 vs. L23	F2-3 up	GO:0007389	Development	Development	pattern specification process	P	AT2G01420
8992	3	F23 vs. L23	F2-3 up	GO:0048446	Development	Development	petal morphogenesis	P	AT1G59640
8993	3	F23 vs. L23	F2-3 up	GO:0010088	Development	Development	phloem development	P	AT3G01680
8994	3	F23 vs. L23	F2-3 up	GO:0090449	Development	Development	phloem glucosinolate loading	P	AT3G47960
8995	3	F23 vs. L23	F2-3 up	GO:0090449	Development	Development	phloem glucosinolate loading	P	AT5G62680
8996	3	F23 vs. L23	F2-3 up	GO:0110126	Development	Development	phloem loading	P	AT5G09220
8997	3	F23 vs. L23	F2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G19770
8998	3	F23 vs. L23	F2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G43210
8999	3	F23 vs. L23	F2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G67470
9000	3	F23 vs. L23	F2-3 up	GO:0099402	Development	Development	plant organ development	P	AT3G02470
9001	3	F23 vs. L23	F2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G25350
9002	3	F23 vs. L23	F2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT3G45640

9003	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G26770
9004	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G45130
9005	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G69530
9006	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G72730
9007	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G16430
9008	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G28950
9009	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G30490
9010	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G39700
9011	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G41480
9012	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G05910
9013	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G15400
9014	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G18080
9015	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G49110
9016	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G19410
9017	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G19420
9018	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G38400
9019	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G08370
9020	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G11420
9021	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G45280
9022	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G49360
9023	3	F23 vs. L23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G51890
9024	3	F23 vs. L23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT4G32410
9025	3	F23 vs. L23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G09870
9026	3	F23 vs. L23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G64740
9027	3	F23 vs. L23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G65810
9028	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G20190
9029	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G26770
9030	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G69530
9031	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT2G28950
9032	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT2G39700
9033	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT3G29030
9034	3	F23 vs. L23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT4G38400
9035	3	F23 vs. L23	F2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT1G27930
9036	3	F23 vs. L23	F2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT2G41210
9037	3	F23 vs. L23	F2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT3G56960
9038	3	F23 vs. L23	F2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT5G62360
9039	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G20190
9040	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G26770
9041	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G69530
9042	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G21140
9043	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G28950
9044	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G39700
9045	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G41480
9046	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29030
9047	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G57560
9048	3	F23 vs. L23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G65810
9049	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT1G76670
9050	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT2G33100
9051	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT4G32410
9052	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT4G39350
9053	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT5G09870
9054	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT5G16910
9055	3	F23 vs. L23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT5G64740
9056	3	F23 vs. L23	F2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT1G27930
9057	3	F23 vs. L23	F2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT1G75500
9058	3	F23 vs. L23	F2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT5G67210

9059	3	F23 vs. L23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT1G12240
9060	3	F23 vs. L23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT1G12840
9061	3	F23 vs. L23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT3G58730
9062	3	F23 vs. L23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT4G33530
9063	3	F23 vs. L23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT4G35350
9064	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G16370
9065	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G22550
9066	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G75500
9067	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G36830
9068	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G38170
9069	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G48020
9070	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G51490
9071	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G57330
9072	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G13930
9073	3	F23 vs. L23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G40890
9074	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G01780
9075	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G03050
9076	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G03230
9077	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G03550
9078	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G04760
9079	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11840
9080	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12110
9081	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12840
9082	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G13890
9083	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G16310
9084	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G16370
9085	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G18150
9086	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G18660
9087	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20620
9088	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20823
9089	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20850
9090	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G21070
9091	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G21980
9092	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G22710
9093	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G24400
9094	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G24520
9095	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G27850
9096	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G31260
9097	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G32450
9098	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G35720
9099	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G41830
9100	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G42470
9101	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G47530
9102	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G50610
9103	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G52190
9104	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G54280
9105	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G55570
9106	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G59870
9107	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G60030
9108	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G61290
9109	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G62360
9110	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G62380
9111	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G63000
9112	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64060
9113	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64740
9114	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G65240

9115	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G67940
9116	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G68570
9117	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70310
9118	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70730
9119	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70940
9120	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G72180
9121	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G75500
9122	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G76370
9123	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G76670
9124	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G80660
9125	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G80760
9126	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01320
9127	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01420
9128	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02800
9129	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02990
9130	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G03240
9131	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G07180
9132	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G07560
9133	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G10940
9134	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G16750
9135	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17220
9136	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17290
9137	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17840
9138	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G18470
9139	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G20840
9140	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G20870
9141	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G21880
9142	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G22125
9143	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G22450
9144	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G22950
9145	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G24180
9146	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30440
9147	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30490
9148	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30860
9149	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G31500
9150	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G31570
9151	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33100
9152	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36880
9153	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G37180
9154	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G37970
9155	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G38460
9156	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G39130
9157	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G39510
9158	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G40890
9159	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G45800
9160	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G46140
9161	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G46300
9162	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47160
9163	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47650
9164	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G01500
9165	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G03250
9166	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G03770
9167	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G03800
9168	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04120
9169	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04840
9170	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G06035

9171	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G06510
9172	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G08510
9173	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G09440
9174	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12610
9175	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12620
9176	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12690
9177	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G13065
9178	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G13390
9179	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G14310
9180	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G15400
9181	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16340
9182	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16800
9183	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17020
9184	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17390
9185	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17611
9186	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G18780
9187	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G19370
9188	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20530
9189	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20580
9190	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20865
9191	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G21180
9192	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G22890
9193	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G23810
9194	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G25290
9195	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G26520
9196	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G29060
9197	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G30390
9198	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G42640
9199	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G44990
9200	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G45780
9201	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G47960
9202	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G48610
9203	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G48740
9204	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G50000
9205	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G52880
9206	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53420
9207	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53960
9208	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54700
9209	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54950
9210	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55100
9211	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55640
9212	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G56960
9213	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G57330
9214	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G57680
9215	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G58730
9216	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G60330
9217	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G61220
9218	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G61230
9219	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G03280
9220	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G10060
9221	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G10120
9222	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G11600
9223	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G13800
9224	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G13930
9225	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G14710
9226	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G14880

9227	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G15620
9228	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G15630
9229	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G17170
9230	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G17530
9231	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25040
9232	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25950
9233	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26470
9234	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27720
9235	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28490
9236	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28940
9237	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29350
9238	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29480
9239	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30530
9240	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31750
9241	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32260
9242	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32410
9243	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33010
9244	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33530
9245	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34050
9246	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34950
9247	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35250
9248	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35350
9249	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36250
9250	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36490
9251	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G37550
9252	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G37990
9253	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38510
9254	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38740
9255	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38970
9256	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39110
9257	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39350
9258	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39640
9259	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39730
9260	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39955
9261	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01410
9262	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01430
9263	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01600
9264	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02790
9265	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04140
9266	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04710
9267	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05200
9268	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05370
9269	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G06320
9270	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G06530
9271	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G07440
9272	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G07460
9273	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08100
9274	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09220
9275	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09650
9276	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09660
9277	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09810
9278	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09870
9279	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11420
9280	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11520
9281	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11960
9282	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G13160

9283	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G15460
9284	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G16910
9285	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G17860
9286	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G24080
9287	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G24650
9288	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G25120
9289	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G35735
9290	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37300
9291	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37810
9292	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G40230
9293	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G41790
9294	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G44110
9295	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45280
9296	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45840
9297	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47910
9298	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G49720
9299	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50800
9300	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53890
9301	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54250
9302	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54980
9303	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G55960
9304	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G57350
9305	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G57800
9306	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58690
9307	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58700
9308	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60020
9309	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60740
9310	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60790
9311	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62360
9312	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62680
9313	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62750
9314	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G63680
9315	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64740
9316	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G65460
9317	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G66070
9318	3	F23 vs. L23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G67470
9319	3	F23 vs. L23	F2-3 up	GO:0009511	Development	Development	plasmodesmatal endoplasmic reticulum	C	AT5G06850
9320	3	F23 vs. L23	F2-3 up	GO:0016605	Development	Development	PML body	C	AT1G04400
9321	3	F23 vs. L23	F2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G37630
9322	3	F23 vs. L23	F2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G45190
9323	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G17420
9324	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G19180
9325	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G42470
9326	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G72520
9327	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G74450
9328	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G77980
9329	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G22950
9330	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G30490
9331	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G32460
9332	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G37040
9333	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G03250
9334	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G21180
9335	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G43210
9336	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G45640
9337	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G48520
9338	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G55610

9339	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G59530
9340	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G17530
9341	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G24510
9342	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G25640
9343	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G14200
9344	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G15470
9345	3	F23 vs. L23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G50800
9346	3	F23 vs. L23	F2-3 up	GO:0010584	Development	Development	pollen exine formation	P	AT3G59530
9347	3	F23 vs. L23	F2-3 up	GO:0010152	Development	Development	pollen maturation	P	AT1G77980
9348	3	F23 vs. L23	F2-3 up	GO:0010152	Development	Development	pollen maturation	P	AT4G03190
9349	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT1G03050
9350	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT1G21760
9351	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT2G01330
9352	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT2G32460
9353	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT2G41210
9354	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G03250
9355	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G07960
9356	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G56960
9357	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G62170
9358	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G13990
9359	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G15470
9360	3	F23 vs. L23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G45840
9361	3	F23 vs. L23	F2-3 up	GO:0090404	Development	Development	pollen tube tip	C	AT1G03050
9362	3	F23 vs. L23	F2-3 up	GO:0090404	Development	Development	pollen tube tip	C	AT3G21700
9363	3	F23 vs. L23	F2-3 up	GO:0010208	Development	Development	pollen wall assembly	P	AT2G13680
9364	3	F23 vs. L23	F2-3 up	GO:0009791	Development	Development	post-embryonic development	P	AT4G39800
9365	3	F23 vs. L23	F2-3 up	GO:0090698	Development	Development	post-embryonic plant morphogenesis	P	AT3G23290
9366	3	F23 vs. L23	F2-3 up	GO:0080022	Development	Development	primary root development	P	AT1G12240
9367	3	F23 vs. L23	F2-3 up	GO:0080022	Development	Development	primary root development	P	AT1G35720
9368	3	F23 vs. L23	F2-3 up	GO:0080022	Development	Development	primary root development	P	AT3G29030
9369	3	F23 vs. L23	F2-3 up	GO:0010072	Development	Development	primary shoot apical meristem specification	P	AT4G32880
9370	3	F23 vs. L23	F2-3 up	GO:0010067	Development	Development	procambium histogenesis	P	AT4G32880
9371	3	F23 vs. L23	F2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT2G36830
9372	3	F23 vs. L23	F2-3 up	GO:1990019	Development	Development	protein storage vacuole organization	P	AT2G32460
9373	3	F23 vs. L23	F2-3 up	GO:0009946	Development	Development	proximal/distal axis specification	P	AT2G37630
9374	3	F23 vs. L23	F2-3 up	GO:0010245	Development	Development	radial microtubular system formation	P	AT3G43210
9375	3	F23 vs. L23	F2-3 up	GO:0055038	Development	Development	recycling endosome membrane	C	AT1G03550
9376	3	F23 vs. L23	F2-3 up	GO:0055038	Development	Development	recycling endosome membrane	C	AT2G20840
9377	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G32640
9378	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G70940
9379	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G78240
9380	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT2G01420
9381	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT2G18470
9382	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT3G22400
9383	3	F23 vs. L23	F2-3 up	GO:0048364	Development	Development	root development	P	AT5G09810
9384	3	F23 vs. L23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT1G05850
9385	3	F23 vs. L23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT3G18780
9386	3	F23 vs. L23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT4G31230
9387	3	F23 vs. L23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT5G09810
9388	3	F23 vs. L23	F2-3 up	GO:0048768	Development	Development	root hair cell tip growth	P	AT3G05580
9389	3	F23 vs. L23	F2-3 up	GO:0048768	Development	Development	root hair cell tip growth	P	AT3G18780
9390	3	F23 vs. L23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT1G70940
9391	3	F23 vs. L23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT1G74380
9392	3	F23 vs. L23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT3G18780
9393	3	F23 vs. L23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT5G09810
9394	3	F23 vs. L23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT5G16910

9395	3	F23 vs. L23	F2-3 up	GO:0048766	Development	Development	root hair initiation	P	AT1G70940
9396	3	F23 vs. L23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT1G53500
9397	3	F23 vs. L23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT1G63930
9398	3	F23 vs. L23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT2G22900
9399	3	F23 vs. L23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT3G48990
9400	3	F23 vs. L23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT5G49360
9401	3	F23 vs. L23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT2G39510
9402	3	F23 vs. L23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT3G04120
9403	3	F23 vs. L23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT3G61880
9404	3	F23 vs. L23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT4G34710
9405	3	F23 vs. L23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT2G18470
9406	3	F23 vs. L23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G04500
9407	3	F23 vs. L23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G09810
9408	3	F23 vs. L23	F2-3 up	GO:0080112	Development	Development	seed growth	P	AT5G50800
9409	3	F23 vs. L23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT3G48740
9410	3	F23 vs. L23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT5G40010
9411	3	F23 vs. L23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT5G65410
9412	3	F23 vs. L23	F2-3 up	GO:0048367	Development	Development	shoot system development	P	AT1G78240
9413	3	F23 vs. L23	F2-3 up	GO:0048367	Development	Development	shoot system development	P	AT5G49720
9414	3	F23 vs. L23	F2-3 up	GO:0060776	Development	Development	simple leaf morphogenesis	P	AT1G27340
9415	3	F23 vs. L23	F2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT2G45190
9416	3	F23 vs. L23	F2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT3G54340
9417	3	F23 vs. L23	F2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT5G20240
9418	3	F23 vs. L23	F2-3 up	GO:0090701	Development	Development	specification of plant organ identity	P	AT4G37180
9419	3	F23 vs. L23	F2-3 up	GO:0090706	Development	Development	specification of plant organ position	P	AT2G45190
9420	3	F23 vs. L23	F2-3 up	GO:0048443	Development	Development	stamen development	P	AT2G06050
9421	3	F23 vs. L23	F2-3 up	GO:0048443	Development	Development	stamen development	P	AT3G54340
9422	3	F23 vs. L23	F2-3 up	GO:0048443	Development	Development	stamen development	P	AT4G03190
9423	3	F23 vs. L23	F2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT1G17420
9424	3	F23 vs. L23	F2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT1G72520
9425	3	F23 vs. L23	F2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT3G15540
9426	3	F23 vs. L23	F2-3 up	GO:0019827	Development	Development	stem cell population maintenance	P	AT1G62360
9427	3	F23 vs. L23	F2-3 up	GO:0019827	Development	Development	stem cell population maintenance	P	AT2G17950
9428	3	F23 vs. L23	F2-3 up	GO:0048480	Development	Development	stigma development	P	AT3G48520
9429	3	F23 vs. L23	F2-3 up	GO:0010374	Development	Development	stomatal complex development	P	AT1G32640
9430	3	F23 vs. L23	F2-3 up	GO:0010376	Development	Development	stomatal complex formation	P	AT2G46410
9431	3	F23 vs. L23	F2-3 up	GO:0080166	Development	Development	stomium development	P	AT2G17950
9432	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G09340
9433	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G16880
9434	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G23740
9435	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G32060
9436	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G42970
9437	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT2G39730
9438	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G01500
9439	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G11630
9440	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G12780
9441	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G26650
9442	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT5G61410
9443	3	F23 vs. L23	F2-3 up	GO:0010319	Development	Development	stromule	C	ATCG00120
9444	3	F23 vs. L23	F2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT1G26770
9445	3	F23 vs. L23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT1G64740
9446	3	F23 vs. L23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G18780
9447	3	F23 vs. L23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G46520
9448	3	F23 vs. L23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G09810
9449	3	F23 vs. L23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G59370
9450	3	F23 vs. L23	F2-3 up	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT1G03550

9451	3	F23 vs. L23	F2-3 up	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT2G20840
9452	3	F23 vs. L23	F2-3 up	GO:0010148	Development	Development	transpiration	P	AT5G06530
9453	3	F23 vs. L23	F2-3 up	GO:0010026	Development	Development	trichome differentiation	P	AT1G63650
9454	3	F23 vs. L23	F2-3 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT1G56580
9455	3	F23 vs. L23	F2-3 up	GO:0048629	Development	Development	trichome patterning	P	AT4G00480
9456	3	F23 vs. L23	F2-3 up	GO:0007021	Development	Development	tubulin complex assembly	P	AT2G18390
9457	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G12840
9458	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G20190
9459	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G26770
9460	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G68530
9461	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G69530
9462	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G75500
9463	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G28950
9464	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G39700
9465	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G12690
9466	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G29030
9467	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G49110
9468	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT4G38400
9469	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G49720
9470	3	F23 vs. L23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G54510
9471	3	F23 vs. L23	F2-3 up	GO:0005775	Development	Development	vacuolar lumen	C	AT1G12240
9472	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G04430
9473	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G12240
9474	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G12840
9475	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G13860
9476	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G16310
9477	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G22840
9478	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G35720
9479	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G47530
9480	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G51420
9481	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G59870
9482	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G61800
9483	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G67940
9484	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G72730
9485	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75500
9486	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G80660
9487	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G21880
9488	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G30490
9489	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36830
9490	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G38170
9491	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G39130
9492	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G47650
9493	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G48020
9494	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04120
9495	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G08560
9496	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G09440
9497	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G23300
9498	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G26520
9499	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G30390
9500	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G54960
9501	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G57330
9502	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G58730
9503	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G01470
9504	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G14880
9505	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G16660
9506	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G25640

9507	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G33530
9508	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G38510
9509	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G39730
9510	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G06320
9511	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G07440
9512	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G13490
9513	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G14120
9514	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G17860
9515	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G24650
9516	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G41790
9517	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G50850
9518	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G52450
9519	3	F23 vs. L23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G67480
9520	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G04400
9521	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G09340
9522	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G11840
9523	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G12240
9524	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G12840
9525	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G16290
9526	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G20620
9527	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G22710
9528	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G22750
9529	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G23310
9530	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G35720
9531	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G44170
9532	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G45130
9533	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G62290
9534	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G21880
9535	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G21960
9536	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24180
9537	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24270
9538	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24820
9539	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G30860
9540	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G36830
9541	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G37970
9542	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G38170
9543	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G39330
9544	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G44120
9545	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G47160
9546	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G47650
9547	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G48020
9548	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G05500
9549	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G08560
9550	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G09440
9551	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G17180
9552	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G23810
9553	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G26520
9554	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G30390
9555	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G45010
9556	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G45780
9557	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G49110
9558	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G52000
9559	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G53420
9560	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57010
9561	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57020
9562	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57330

9563	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G58730
9564	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G59530
9565	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G62290
9566	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G01610
9567	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G02890
9568	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G10060
9569	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G17170
9570	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G17530
9571	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G24640
9572	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G25950
9573	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G34720
9574	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G35010
9575	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G37550
9576	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G38510
9577	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G39730
9578	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G08260
9579	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G09660
9580	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G13710
9581	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G14120
9582	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G24650
9583	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G24780
9584	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G25980
9585	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G41790
9586	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G60360
9587	3	F23 vs. L23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G65760
9588	3	F23 vs. L23	F2-3 up	GO:0001944	Development	Development	vasculature development	P	AT4G11280
9589	3	F23 vs. L23	F2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G01290
9590	3	F23 vs. L23	F2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G01520
9591	3	F23 vs. L23	F2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G42200
9592	3	F23 vs. L23	F2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT5G06850
9593	3	F23 vs. L23	F2-3 up	GO:0006900	Development	Development	vesicle budding from membrane	P	AT1G03050
9594	3	F23 vs. L23	F2-3 up	GO:0048278	Development	Development	vesicle docking	P	AT1G61290
9595	3	F23 vs. L23	F2-3 up	GO:0048278	Development	Development	vesicle docking	P	AT3G03800
9596	3	F23 vs. L23	F2-3 up	GO:0006906	Development	Development	vesicle fusion	P	AT1G61290
9597	3	F23 vs. L23	F2-3 up	GO:0006906	Development	Development	vesicle fusion	P	AT3G03800
9598	3	F23 vs. L23	F2-3 up	GO:0012506	Development	Development	vesicle membrane	C	AT1G70940
9599	3	F23 vs. L23	F2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT4G08150
9600	3	F23 vs. L23	F2-3 up	GO:0035798	Metabolism	Bioenergetics	2-alkenal reductase (NADP+) activity	F	AT1G23740
9601	3	F23 vs. L23	F2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT1G68530
9602	3	F23 vs. L23	F2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT1G68530
9603	3	F23 vs. L23	F2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT1G68530
9604	3	F23 vs. L23	F2-3 up	GO:0016207	Metabolism	Bioenergetics	4-coumarate-CoA ligase activity	F	AT3G21230
9605	3	F23 vs. L23	F2-3 up	GO:0016207	Metabolism	Bioenergetics	4-coumarate-CoA ligase activity	F	AT5G63380
9606	3	F23 vs. L23	F2-3 up	GO:0003987	Metabolism	Bioenergetics	acetate-CoA ligase activity	F	AT5G36880
9607	3	F23 vs. L23	F2-3 up	GO:0010327	Metabolism	Bioenergetics	acetyl CoA:(Z)-3-hexen-1-ol acetyltransferase activity	F	AT3G03480
9608	3	F23 vs. L23	F2-3 up	GO:0006085	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process	P	AT1G09430
9609	3	F23 vs. L23	F2-3 up	GO:0006085	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process	P	AT1G60810
9610	3	F23 vs. L23	F2-3 up	GO:0019427	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process from acetate	P	AT5G36880
9611	3	F23 vs. L23	F2-3 up	GO:0006086	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process from pyruvate	P	AT1G01090
9612	3	F23 vs. L23	F2-3 up	GO:0006086	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process from pyruvate	P	AT5G50850
9613	3	F23 vs. L23	F2-3 up	GO:0047617	Metabolism	Bioenergetics	acyl-CoA hydrolase activity	F	AT3G54950

9614	3	F23 vs. L23	F2-3 up	GO:0003996	Metabolism	Bioenergetics	acyl-CoA ligase activity	F	AT4G11030
9615	3	F23 vs. L23	F2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT2G39730
9616	3	F23 vs. L23	F2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT3G12780
9617	3	F23 vs. L23	F2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT5G04720
9618	3	F23 vs. L23	F2-3 up	GO:0047631	Metabolism	Bioenergetics	ADP-ribose diphosphatase activity	F	AT5G47650
9619	3	F23 vs. L23	F2-3 up	GO:0080041	Metabolism	Bioenergetics	ADP-ribose pyrophosphohydrolase activity	F	AT2G29630
9620	3	F23 vs. L23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT3G27380
9621	3	F23 vs. L23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT5G40650
9622	3	F23 vs. L23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG00430
9623	3	F23 vs. L23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG01100
9624	3	F23 vs. L23	F2-3 up	GO:0004022	Metabolism	Bioenergetics	alcohol dehydrogenase (NAD+) activity	F	AT1G51410
9625	3	F23 vs. L23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37760
9626	3	F23 vs. L23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37770
9627	3	F23 vs. L23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT3G61220
9628	3	F23 vs. L23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT1G23800
9629	3	F23 vs. L23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT1G44170
9630	3	F23 vs. L23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G24503
9631	3	F23 vs. L23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G48170
9632	3	F23 vs. L23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT4G36250
9633	3	F23 vs. L23	F2-3 up	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37760
9634	3	F23 vs. L23	F2-3 up	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37770
9635	3	F23 vs. L23	F2-3 up	GO:0004033	Metabolism	Bioenergetics	aldo-keto reductase (NADP) activity	F	AT2G37760
9636	3	F23 vs. L23	F2-3 up	GO:0004033	Metabolism	Bioenergetics	aldo-keto reductase (NADP) activity	F	AT2G37770
9637	3	F23 vs. L23	F2-3 up	GO:0004556	Metabolism	Bioenergetics	alpha-amylase activity	F	AT1G76130
9638	3	F23 vs. L23	F2-3 up	GO:0103025	Metabolism	Bioenergetics	alpha-amylase activity (releasing maltohexaose)	F	AT1G76130
9639	3	F23 vs. L23	F2-3 up	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G37300
9640	3	F23 vs. L23	F2-3 up	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G55340
9641	3	F23 vs. L23	F2-3 up	GO:0047681	Metabolism	Bioenergetics	aryl-alcohol dehydrogenase (NADP+) activity	F	AT4G37990
9642	3	F23 vs. L23	F2-3 up	GO:0006754	Metabolism	Bioenergetics	ATP biosynthetic process	P	ATMG00480
9643	3	F23 vs. L23	F2-3 up	GO:0003878	Metabolism	Bioenergetics	ATP citrate synthase activity	F	AT1G09430
9644	3	F23 vs. L23	F2-3 up	GO:0003878	Metabolism	Bioenergetics	ATP citrate synthase activity	F	AT1G60810
9645	3	F23 vs. L23	F2-3 up	GO:0046034	Metabolism	Bioenergetics	ATP metabolic process	P	AT4G38510
9646	3	F23 vs. L23	F2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATMG00650
9647	3	F23 vs. L23	F2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	AT4G29480
9648	3	F23 vs. L23	F2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	AT4G32260
9649	3	F23 vs. L23	F2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATMG00480
9650	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G03905
9651	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G59870
9652	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G67940
9653	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G70610
9654	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G01320
9655	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07560
9656	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G25530
9657	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G09440
9658	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G16340
9659	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G42640
9660	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G43210
9661	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G55100
9662	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G18050
9663	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G34720
9664	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G02270
9665	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G06530
9666	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G18280
9667	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G27000

9668	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G40010
9669	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G44110
9670	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G57350
9671	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G60740
9672	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G60790
9673	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G61700
9674	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G64840
9675	3	F23 vs. L23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G65460
9676	3	F23 vs. L23	F2-3 up	GO:0042623	Metabolism	Bioenergetics	ATPase activity, coupled	F	AT3G09440
9677	3	F23 vs. L23	F2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT3G23920
9678	3	F23 vs. L23	F2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT4G15210
9679	3	F23 vs. L23	F2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT4G17090
9680	3	F23 vs. L23	F2-3 up	GO:0042409	Metabolism	Bioenergetics	caffeoyl-CoA O-methyltransferase activity	F	AT4G34050
9681	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G64390
9682	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G73040
9683	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G78820
9684	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT2G39330
9685	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G19840
9686	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G35010
9687	3	F23 vs. L23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G24080
9688	3	F23 vs. L23	F2-3 up	GO:0016051	Metabolism	Bioenergetics	carbohydrate biosynthetic process	P	AT3G55800
9689	3	F23 vs. L23	F2-3 up	GO:1901135	Metabolism	Bioenergetics	carbohydrate derivative metabolic process	P	AT3G54690
9690	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G02790
9691	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G45130
9692	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G61820
9693	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G70730
9694	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G76130
9695	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G02570
9696	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G03640
9697	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G04010
9698	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G06510
9699	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07820
9700	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07830
9701	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07840
9702	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07850
9703	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G18080
9704	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G29360
9705	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G52600
9706	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G54690
9707	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G60100
9708	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G24450
9709	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G35010
9710	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G08370
9711	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G15490
9712	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G25980
9713	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G48140
9714	3	F23 vs. L23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G58330
9715	3	F23 vs. L23	F2-3 up	GO:0046835	Metabolism	Bioenergetics	carbohydrate phosphorylation	P	AT3G10700
9716	3	F23 vs. L23	F2-3 up	GO:0044262	Metabolism	Bioenergetics	cellular carbohydrate metabolic process	P	AT5G61410
9717	3	F23 vs. L23	F2-3 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	AT3G22370
9718	3	F23 vs. L23	F2-3 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	ATMG00650
9719	3	F23 vs. L23	F2-3 up	GO:0004108	Metabolism	Bioenergetics	citrate (Si)-synthase activity	F	AT3G60100
9720	3	F23 vs. L23	F2-3 up	GO:0009346	Metabolism	Bioenergetics	citrate lyase complex	C	AT1G09430
9721	3	F23 vs. L23	F2-3 up	GO:0009346	Metabolism	Bioenergetics	citrate lyase complex	C	AT1G60810
9722	3	F23 vs. L23	F2-3 up	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT3G60100
9723	3	F23 vs. L23	F2-3 up	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT4G26970

9724	3	F23 vs. L23	F2-3 up	GO:0015936	Metabolism	Bioenergetics	coenzyme A metabolic process	P	AT1G76490
9725	3	F23 vs. L23	F2-3 up	GO:0015936	Metabolism	Bioenergetics	coenzyme A metabolic process	P	AT2G17370
9726	3	F23 vs. L23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G09340
9727	3	F23 vs. L23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G51410
9728	3	F23 vs. L23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G76490
9729	3	F23 vs. L23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT2G17370
9730	3	F23 vs. L23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT3G63140
9731	3	F23 vs. L23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT5G42800
9732	3	F23 vs. L23	F2-3 up	GO:0006176	Metabolism	Bioenergetics	dATP biosynthetic process from ADP	P	ATCG00120
9733	3	F23 vs. L23	F2-3 up	GO:0006176	Metabolism	Bioenergetics	dATP biosynthetic process from ADP	P	ATCG00150
9734	3	F23 vs. L23	F2-3 up	GO:0102391	Metabolism	Bioenergetics	decanoate-CoA ligase activity	F	AT4G11030
9735	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G10960
9736	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G22840
9737	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G28480
9738	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G48030
9739	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G50940
9740	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G64500
9741	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G05620
9742	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G42750
9743	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G27380
9744	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G54660
9745	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G62960
9746	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G10040
9747	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G15700
9748	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G18600
9749	3	F23 vs. L23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G40650
9750	3	F23 vs. L23	F2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT1G10960
9751	3	F23 vs. L23	F2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT5G05370
9752	3	F23 vs. L23	F2-3 up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATCG00430
9753	3	F23 vs. L23	F2-3 up	GO:0004174	Metabolism	Bioenergetics	electron-transferring-flavoprotein dehydrogenase activity	F	AT3G44190
9754	3	F23 vs. L23	F2-3 up	GO:0031314	Metabolism	Bioenergetics	extrinsic component of mitochondrial inner membrane	C	AT3G03420
9755	3	F23 vs. L23	F2-3 up	GO:0031314	Metabolism	Bioenergetics	extrinsic component of mitochondrial inner membrane	C	AT4G05020
9756	3	F23 vs. L23	F2-3 up	GO:0001561	Metabolism	Bioenergetics	fatty acid alpha-oxidation	P	AT3G01420
9757	3	F23 vs. L23	F2-3 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT3G07560
9758	3	F23 vs. L23	F2-3 up	GO:0033539	Metabolism	Bioenergetics	fatty acid beta-oxidation using acyl-CoA dehydrogenase	P	AT1G50940
9759	3	F23 vs. L23	F2-3 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT3G53980
9760	3	F23 vs. L23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G08510
9761	3	F23 vs. L23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G68530
9762	3	F23 vs. L23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT3G11170
9763	3	F23 vs. L23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT3G16170
9764	3	F23 vs. L23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT4G11030
9765	3	F23 vs. L23	F2-3 up	GO:0052722	Metabolism	Bioenergetics	fatty acid in-chain hydroxylase activity	F	AT3G10570
9766	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G01600
9767	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G63710
9768	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT3G48460
9769	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G00360
9770	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G11030
9771	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G15440
9772	3	F23 vs. L23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT5G36880
9773	3	F23 vs. L23	F2-3 up	GO:0004321	Metabolism	Bioenergetics	fatty-acyl-CoA synthase activity	F	AT5G63380
9774	3	F23 vs. L23	F2-3 up	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT3G55800
9775	3	F23 vs. L23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT2G21330

9776	3	F23 vs. L23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G04120
9777	3	F23 vs. L23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G12780
9778	3	F23 vs. L23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G55800
9779	3	F23 vs. L23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT4G38970
9780	3	F23 vs. L23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G42970
9781	3	F23 vs. L23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G70730
9782	3	F23 vs. L23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT3G26650
9783	3	F23 vs. L23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT3G27300
9784	3	F23 vs. L23	F2-3 up	GO:0008878	Metabolism	Bioenergetics	glucose-1-phosphate adenylyltransferase activity	F	AT5G19220
9785	3	F23 vs. L23	F2-3 up	GO:0008878	Metabolism	Bioenergetics	glucose-1-phosphate adenylyltransferase activity	F	AT5G48300
9786	3	F23 vs. L23	F2-3 up	GO:0004345	Metabolism	Bioenergetics	glucose-6-phosphate dehydrogenase activity	F	AT3G27300
9787	3	F23 vs. L23	F2-3 up	GO:0004352	Metabolism	Bioenergetics	glutamate dehydrogenase (NAD+) activity	F	AT5G07440
9788	3	F23 vs. L23	F2-3 up	GO:0004353	Metabolism	Bioenergetics	glutamate dehydrogenase [NAD(P)+] activity	F	AT5G07440
9789	3	F23 vs. L23	F2-3 up	GO:0016040	Metabolism	Bioenergetics	glutamate synthase (NADH) activity	F	AT5G53460
9790	3	F23 vs. L23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT1G23800
9791	3	F23 vs. L23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT1G44170
9792	3	F23 vs. L23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G24503
9793	3	F23 vs. L23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT4G36250
9794	3	F23 vs. L23	F2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT1G42970
9795	3	F23 vs. L23	F2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G04120
9796	3	F23 vs. L23	F2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G26650
9797	3	F23 vs. L23	F2-3 up	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT2G24270
9798	3	F23 vs. L23	F2-3 up	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT3G04120
9799	3	F23 vs. L23	F2-3 up	GO:0047100	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (phosphorylating) activity	F	AT1G42970
9800	3	F23 vs. L23	F2-3 up	GO:0047100	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (phosphorylating) activity	F	AT3G26650
9801	3	F23 vs. L23	F2-3 up	GO:0004373	Metabolism	Bioenergetics	glycogen (starch) synthase activity	F	AT3G01180
9802	3	F23 vs. L23	F2-3 up	GO:0008891	Metabolism	Bioenergetics	glycolate oxidase activity	F	AT3G14420
9803	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT1G01090
9804	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G21330
9805	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G04120
9806	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G12780
9807	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G13930
9808	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT4G38970
9809	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT5G50850
9810	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT5G56350
9811	3	F23 vs. L23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT5G63680
9812	3	F23 vs. L23	F2-3 up	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT4G26970
9813	3	F23 vs. L23	F2-3 up	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT5G09660
9814	3	F23 vs. L23	F2-3 up	GO:0030267	Metabolism	Bioenergetics	glyoxylate reductase (NADP) activity	F	AT1G68010
9815	3	F23 vs. L23	F2-3 up	GO:0009514	Metabolism	Bioenergetics	glyoxysome	C	AT5G36880
9816	3	F23 vs. L23	F2-3 up	GO:0030931	Metabolism	Bioenergetics	heterotetrameric ADPG pyrophosphorylase complex	C	AT5G48300
9817	3	F23 vs. L23	F2-3 up	GO:0050505	Metabolism	Bioenergetics	hydroquinone glucosyltransferase activity	F	AT4G01070
9818	3	F23 vs. L23	F2-3 up	GO:0052716	Metabolism	Bioenergetics	hydroquinone:oxygen oxidoreductase activity	F	AT5G60020

9819	3	F23 vs. L23	F2-3 up	GO:0004420	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase (NADPH) activity	F	AT1G76490
9820	3	F23 vs. L23	F2-3 up	GO:0004420	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase (NADPH) activity	F	AT2G17370
9821	3	F23 vs. L23	F2-3 up	GO:0042282	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase activity	F	AT1G76490
9822	3	F23 vs. L23	F2-3 up	GO:0042282	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase activity	F	AT2G17370
9823	3	F23 vs. L23	F2-3 up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT4G05590
9824	3	F23 vs. L23	F2-3 up	GO:0031307	Metabolism	Bioenergetics	integral component of mitochondrial outer membrane	C	AT2G38280
9825	3	F23 vs. L23	F2-3 up	GO:0031304	Metabolism	Bioenergetics	intrinsic component of mitochondrial inner membrane	C	AT1G07180
9826	3	F23 vs. L23	F2-3 up	GO:0031304	Metabolism	Bioenergetics	intrinsic component of mitochondrial inner membrane	C	AT2G29990
9827	3	F23 vs. L23	F2-3 up	GO:0004449	Metabolism	Bioenergetics	isocitrate dehydrogenase (NAD+) activity	F	AT3G09810
9828	3	F23 vs. L23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT3G09810
9829	3	F23 vs. L23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT4G26970
9830	3	F23 vs. L23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT1G17420
9831	3	F23 vs. L23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT1G72520
9832	3	F23 vs. L23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT3G22400
9833	3	F23 vs. L23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT3G45140
9834	3	F23 vs. L23	F2-3 up	GO:0030060	Metabolism	Bioenergetics	L-malate dehydrogenase activity	F	AT5G09660
9835	3	F23 vs. L23	F2-3 up	GO:0030060	Metabolism	Bioenergetics	L-malate dehydrogenase activity	F	AT5G58330
9836	3	F23 vs. L23	F2-3 up	GO:0004467	Metabolism	Bioenergetics	long-chain fatty acid-CoA ligase activity	F	AT4G11030
9837	3	F23 vs. L23	F2-3 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT3G14420
9838	3	F23 vs. L23	F2-3 up	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G37300
9839	3	F23 vs. L23	F2-3 up	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G55340
9840	3	F23 vs. L23	F2-3 up	GO:0046554	Metabolism	Bioenergetics	malate dehydrogenase (NADP+) activity	F	AT5G58330
9841	3	F23 vs. L23	F2-3 up	GO:0016615	Metabolism	Bioenergetics	malate dehydrogenase activity	F	AT5G09660
9842	3	F23 vs. L23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G09660
9843	3	F23 vs. L23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G58330
9844	3	F23 vs. L23	F2-3 up	GO:0090409	Metabolism	Bioenergetics	malonyl-CoA synthetase activity	F	AT3G16170
9845	3	F23 vs. L23	F2-3 up	GO:0004489	Metabolism	Bioenergetics	methylenetetrahydrofolate reductase (NAD(P)H) activity	F	AT3G59970
9846	3	F23 vs. L23	F2-3 up	GO:0006123	Metabolism	Bioenergetics	mitochondrial electron transport, cytochrome c to oxygen	P	AT1G22840
9847	3	F23 vs. L23	F2-3 up	GO:0006123	Metabolism	Bioenergetics	mitochondrial electron transport, cytochrome c to oxygen	P	AT4G10040
9848	3	F23 vs. L23	F2-3 up	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT3G27380
9849	3	F23 vs. L23	F2-3 up	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT5G40650
9850	3	F23 vs. L23	F2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT1G22840
9851	3	F23 vs. L23	F2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT4G10040
9852	3	F23 vs. L23	F2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT3G04120
9853	3	F23 vs. L23	F2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT5G13490
9854	3	F23 vs. L23	F2-3 up	GO:0000266	Metabolism	Bioenergetics	mitochondrial fission	P	AT3G61760
9855	3	F23 vs. L23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT3G22370
9856	3	F23 vs. L23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT3G27380
9857	3	F23 vs. L23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT4G05020
9858	3	F23 vs. L23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT4G24570
9859	3	F23 vs. L23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G13490
9860	3	F23 vs. L23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G46800

9861	3	F23 vs. L23	F2-3 up	GO:0005758	Metabolism	Bioenergetics	mitochondrial intermembrane space	C	AT1G22840
9862	3	F23 vs. L23	F2-3 up	GO:0005758	Metabolism	Bioenergetics	mitochondrial intermembrane space	C	AT4G10040
9863	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G23800
9864	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G48030
9865	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G50940
9866	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G79440
9867	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G30970
9868	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G13930
9869	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G60100
9870	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G04140
9871	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G09230
9872	3	F23 vs. L23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G50850
9873	3	F23 vs. L23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT3G17611
9874	3	F23 vs. L23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT5G40010
9875	3	F23 vs. L23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	ATMG00650
9876	3	F23 vs. L23	F2-3 up	GO:0034982	Metabolism	Bioenergetics	mitochondrial protein processing	P	AT3G03420
9877	3	F23 vs. L23	F2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	ATMG00480
9878	3	F23 vs. L23	F2-3 up	GO:0033615	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex assembly	P	AT3G03420
9879	3	F23 vs. L23	F2-3 up	GO:0000276	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex, coupling factor F(o)	C	AT4G29480
9880	3	F23 vs. L23	F2-3 up	GO:0000276	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex, coupling factor F(o)	C	ATMG00480
9881	3	F23 vs. L23	F2-3 up	GO:0006850	Metabolism	Bioenergetics	mitochondrial pyruvate transmembrane transport	P	AT4G05590
9882	3	F23 vs. L23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G48030
9883	3	F23 vs. L23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT3G08610
9884	3	F23 vs. L23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT5G47890
9885	3	F23 vs. L23	F2-3 up	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT5G40650
9886	3	F23 vs. L23	F2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT5G05370
9887	3	F23 vs. L23	F2-3 up	GO:0033617	Metabolism	Bioenergetics	mitochondrial respiratory chain complex IV assembly	P	AT4G14615
9888	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01090
9889	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01600
9890	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02205
9891	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02390
9892	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G06090
9893	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G07180
9894	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G11840
9895	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G11860
9896	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G13270
9897	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G13970
9898	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14560
9899	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20620
9900	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G21000
9901	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G21760
9902	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G22750
9903	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G22840
9904	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G27340
9905	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G35720
9906	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G44000
9907	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G48030
9908	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G50940
9909	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G54280
9910	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G58180

9911	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G58265
9912	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G59870
9913	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G63060
9914	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68010
9915	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68530
9916	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68590
9917	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69530
9918	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70310
9919	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70580
9920	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70610
9921	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70730
9922	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70940
9923	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71500
9924	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71770
9925	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72240
9926	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72610
9927	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72730
9928	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73390
9929	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75020
9930	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75500
9931	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75690
9932	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G76080
9933	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G77090
9934	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78320
9935	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78370
9936	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78570
9937	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79440
9938	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80460
9939	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80660
9940	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01320
9941	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01420
9942	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01520
9943	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G04039
9944	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G05530
9945	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07708
9946	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G10940
9947	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G10970
9948	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G15620
9949	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G15680
9950	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G17290
9951	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19330
9952	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19570
9953	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19770
9954	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20470
9955	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21220
9956	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21330
9957	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G24180
9958	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G25530
9959	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G29990
9960	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G30970
9961	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35370
9962	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G38110
9963	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G38400
9964	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40000
9965	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40890
9966	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G41380

9967	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01980
9968	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02010
9969	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02780
9970	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03160
9971	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03420
9972	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03430
9973	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G04120
9974	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G08610
9975	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G08730
9976	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G09810
9977	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G10570
9978	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G12780
9979	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G13110
9980	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G13930
9981	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G16170
9982	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G16340
9983	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G18280
9984	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20190
9985	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20530
9986	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G21700
9987	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G22370
9988	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G23290
9989	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G25140
9990	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G27380
9991	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G46520
9992	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48170
9993	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48990
9994	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G52000
9995	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G54510
9996	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G54660
9997	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55610
9998	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55640
9999	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G59530
10000	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G60100
10001	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G61160
10002	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G00880
10003	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G02380
10004	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05020
10005	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05590
10006	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G10040
10007	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G11600
10008	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12030
10009	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12410
10010	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G14615
10011	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G15620
10012	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G20760
10013	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G21490
10014	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24380
10015	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24570
10016	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G26970
10017	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G29480
10018	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G31330
10019	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G33010
10020	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G37430
10021	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G39030
10022	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G01600

10023	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G04140
10024	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G05370
10025	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G06320
10026	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G06530
10027	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G07440
10028	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G09810
10029	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G11070
10030	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13490
10031	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G14660
10032	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G15910
10033	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G17480
10034	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G23060
10035	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G24120
10036	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G24650
10037	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G35630
10038	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G37300
10039	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G38660
10040	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40010
10041	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40650
10042	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43380
10043	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43745
10044	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G46800
10045	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G47890
10046	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G50850
10047	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G51720
10048	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G54780
10049	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G57785
10050	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58330
10051	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58690
10052	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58700
10053	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58770
10054	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G59370
10055	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G61710
10056	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G62520
10057	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G62570
10058	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G63380
10059	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64400
10060	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATCG00120
10061	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00480
10062	3	F23 vs. L23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00650
10063	3	F23 vs. L23	F2-3 up	GO:0007005	Metabolism	Bioenergetics	mitochondrion organization	P	AT5G24650
10064	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G42970
10065	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G68010
10066	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G79440
10067	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G04120
10068	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G09810
10069	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G26650
10070	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G29360
10071	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G14200
10072	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G15490
10073	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G39320
10074	3	F23 vs. L23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G47650
10075	3	F23 vs. L23	F2-3 up	GO:0008746	Metabolism	Bioenergetics	NAD(P)+ transhydrogenase activity	F	AT5G58330
10076	3	F23 vs. L23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT1G15980
10077	3	F23 vs. L23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT4G23890
10078	3	F23 vs. L23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT5G39210

10079	3	F23 vs. L23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT5G58260
10080	3	F23 vs. L23	F2-3 up	GO:0010275	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex assembly	P	AT5G39210
10081	3	F23 vs. L23	F2-3 up	GO:0016174	Metabolism	Bioenergetics	NAD(P)H oxidase activity	F	AT1G64060
10082	3	F23 vs. L23	F2-3 up	GO:0016174	Metabolism	Bioenergetics	NAD(P)H oxidase activity	F	AT5G47910
10083	3	F23 vs. L23	F2-3 up	GO:0003950	Metabolism	Bioenergetics	NAD+ ADP-ribosyltransferase activity	F	AT5G62520
10084	3	F23 vs. L23	F2-3 up	GO:0070403	Metabolism	Bioenergetics	NAD+ binding	F	AT2G47650
10085	3	F23 vs. L23	F2-3 up	GO:0000210	Metabolism	Bioenergetics	NAD+ diphosphatase activity	F	AT5G47650
10086	3	F23 vs. L23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00420
10087	3	F23 vs. L23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00430
10088	3	F23 vs. L23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG01090
10089	3	F23 vs. L23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATMG00650
10090	3	F23 vs. L23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT1G07180
10091	3	F23 vs. L23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT4G21490
10092	3	F23 vs. L23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT5G15910
10093	3	F23 vs. L23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG00430
10094	3	F23 vs. L23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG01100
10095	3	F23 vs. L23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATMG00650
10096	3	F23 vs. L23	F2-3 up	GO:0030964	Metabolism	Bioenergetics	NADH dehydrogenase complex	C	ATMG00650
10097	3	F23 vs. L23	F2-3 up	GO:0010258	Metabolism	Bioenergetics	NADH dehydrogenase complex (plastoquinone) assembly	P	AT5G58260
10098	3	F23 vs. L23	F2-3 up	GO:0006734	Metabolism	Bioenergetics	NADH metabolic process	P	AT5G58330
10099	3	F23 vs. L23	F2-3 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT5G47650
10100	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G42970
10101	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G58290
10102	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G62540
10103	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G62570
10104	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G64190
10105	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G04120
10106	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G27300
10107	3	F23 vs. L23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G54660
10108	3	F23 vs. L23	F2-3 up	GO:0070401	Metabolism	Bioenergetics	NADP+ binding	F	AT2G37760
10109	3	F23 vs. L23	F2-3 up	GO:0070401	Metabolism	Bioenergetics	NADP+ binding	F	AT2G37770
10110	3	F23 vs. L23	F2-3 up	GO:0003959	Metabolism	Bioenergetics	NADPH dehydrogenase activity	F	AT1G20020
10111	3	F23 vs. L23	F2-3 up	GO:0003959	Metabolism	Bioenergetics	NADPH dehydrogenase activity	F	ATCG01090
10112	3	F23 vs. L23	F2-3 up	GO:0008942	Metabolism	Bioenergetics	nitrite reductase [NAD(P)H] activity	F	AT1G71500
10113	3	F23 vs. L23	F2-3 up	GO:0042389	Metabolism	Bioenergetics	omega-3 fatty acid desaturase activity	F	AT2G29980
10114	3	F23 vs. L23	F2-3 up	GO:0042389	Metabolism	Bioenergetics	omega-3 fatty acid desaturase activity	F	AT3G11170
10115	3	F23 vs. L23	F2-3 up	GO:0050203	Metabolism	Bioenergetics	oxalate-CoA ligase activity	F	AT3G48990
10116	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G06690
10117	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G41830
10118	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G50940
10119	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G51410
10120	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G55570
10121	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G57770
10122	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G63000
10123	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G69640
10124	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G78570
10125	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G06050
10126	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G23910
10127	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G34810
10128	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37760
10129	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37770
10130	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13390
10131	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G22870
10132	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G30470
10133	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G16010

10134	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G42800
10135	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G57800
10136	3	F23 vs. L23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G60020
10137	3	F23 vs. L23	F2-3 up	GO:0016671	Metabolism	Bioenergetics	oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor	F	AT1G50320
10138	3	F23 vs. L23	F2-3 up	GO:0016671	Metabolism	Bioenergetics	oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor	F	AT3G15360
10139	3	F23 vs. L23	F2-3 up	GO:0016730	Metabolism	Bioenergetics	oxidoreductase activity, acting on iron-sulfur proteins as donors	F	AT4G11960
10140	3	F23 vs. L23	F2-3 up	GO:0016651	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H	F	ATCG01100
10141	3	F23 vs. L23	F2-3 up	GO:0016655	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H, quinone or similar compound as acceptor	F	AT5G58260
10142	3	F23 vs. L23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT1G58265
10143	3	F23 vs. L23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G14620
10144	3	F23 vs. L23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G48520
10145	3	F23 vs. L23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G15440
10146	3	F23 vs. L23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G39480
10147	3	F23 vs. L23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G39510
10148	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT1G16410
10149	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G24180
10150	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G30490
10151	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G40890
10152	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT3G10570
10153	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT3G61880
10154	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G13770
10155	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G37430

10156	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT5G25120
10157	3	F23 vs. L23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT5G36220
10158	3	F23 vs. L23	F2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT1G06090
10159	3	F23 vs. L23	F2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT2G29980
10160	3	F23 vs. L23	F2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT2G31360
10161	3	F23 vs. L23	F2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT3G11170
10162	3	F23 vs. L23	F2-3 up	GO:0016702	Metabolism	Bioenergetics	oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen	F	AT3G01420
10163	3	F23 vs. L23	F2-3 up	GO:0016627	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-CH group of donors	F	AT5G16010
10164	3	F23 vs. L23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G51410
10165	3	F23 vs. L23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G63000
10166	3	F23 vs. L23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT2G23910
10167	3	F23 vs. L23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G30470
10168	3	F23 vs. L23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G37990
10169	3	F23 vs. L23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT5G42800
10170	3	F23 vs. L23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT2G21330
10171	3	F23 vs. L23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT4G38970
10172	3	F23 vs. L23	F2-3 up	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT2G01290
10173	3	F23 vs. L23	F2-3 up	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT3G04790
10174	3	F23 vs. L23	F2-3 up	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT5G61410
10175	3	F23 vs. L23	F2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT1G64190
10176	3	F23 vs. L23	F2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT3G27300
10177	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G23310
10178	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G68010
10179	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G70580
10180	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G35370
10181	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G38400
10182	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT5G04140
10183	3	F23 vs. L23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT5G38420
10184	3	F23 vs. L23	F2-3 up	GO:0045272	Metabolism	Bioenergetics	plasma membrane respiratory chain complex I	C	ATCG00430

10185	3	F23 vs. L23	F2-3 up	GO:1903862	Metabolism	Bioenergetics	positive regulation of oxidative phosphorylation	P	AT3G12780
10186	3	F23 vs. L23	F2-3 up	GO:1903942	Metabolism	Bioenergetics	positive regulation of respiratory gaseous exchange	P	AT5G65810
10187	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G12840
10188	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G32450
10189	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G80660
10190	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G07560
10191	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G08560
10192	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G42640
10193	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G60330
10194	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT4G25950
10195	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT4G38510
10196	3	F23 vs. L23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT5G57350
10197	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT1G12840
10198	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT1G80660
10199	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT2G07560
10200	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G42640
10201	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G60330
10202	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT4G25950
10203	3	F23 vs. L23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT5G57350
10204	3	F23 vs. L23	F2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	AT4G29480
10205	3	F23 vs. L23	F2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATMG00480
10206	3	F23 vs. L23	F2-3 up	GO:0045261	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, catalytic core F(1)	C	ATCG00120
10207	3	F23 vs. L23	F2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	AT4G32260
10208	3	F23 vs. L23	F2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATCG00150
10209	3	F23 vs. L23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT1G12840
10210	3	F23 vs. L23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT3G08560
10211	3	F23 vs. L23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT3G58730
10212	3	F23 vs. L23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT4G32260
10213	3	F23 vs. L23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT4G34720
10214	3	F23 vs. L23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	ATCG00120
10215	3	F23 vs. L23	F2-3 up	GO:0033178	Metabolism	Bioenergetics	proton-transporting two-sector ATPase complex, catalytic domain	C	AT3G08560
10216	3	F23 vs. L23	F2-3 up	GO:0033176	Metabolism	Bioenergetics	proton-transporting V-type ATPase complex	C	AT3G58730
10217	3	F23 vs. L23	F2-3 up	GO:0033180	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V1 domain	C	AT4G38510
10218	3	F23 vs. L23	F2-3 up	GO:0010318	Metabolism	Bioenergetics	pyrophosphate-dependent phosphofructokinase complex, beta-subunit complex	C	AT4G04040
10219	3	F23 vs. L23	F2-3 up	GO:0004739	Metabolism	Bioenergetics	pyruvate dehydrogenase (acetyl-transferring)	F	AT1G01090

10220	3	F23 vs. L23	F2-3 up	GO:0004739	Metabolism	Bioenergetics	pyruvate dehydrogenase (acetyl-transferring)	F	AT5G50850
10221	3	F23 vs. L23	F2-3 up	GO:0045254	Metabolism	Bioenergetics	pyruvate dehydrogenase complex	C	AT3G13930
10222	3	F23 vs. L23	F2-3 up	GO:0004743	Metabolism	Bioenergetics	pyruvate kinase activity	F	AT5G56350
10223	3	F23 vs. L23	F2-3 up	GO:0004743	Metabolism	Bioenergetics	pyruvate kinase activity	F	AT5G63680
10224	3	F23 vs. L23	F2-3 up	GO:0006090	Metabolism	Bioenergetics	pyruvate metabolic process	P	AT4G15530
10225	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT1G32060
10226	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT1G42970
10227	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G04790
10228	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G12780
10229	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G26650
10230	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G55800
10231	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G62410
10232	3	F23 vs. L23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT5G38420
10233	3	F23 vs. L23	F2-3 up	GO:0043255	Metabolism	Bioenergetics	regulation of carbohydrate biosynthetic process	P	AT1G05850
10234	3	F23 vs. L23	F2-3 up	GO:0043255	Metabolism	Bioenergetics	regulation of carbohydrate biosynthetic process	P	AT1G12840
10235	3	F23 vs. L23	F2-3 up	GO:0006109	Metabolism	Bioenergetics	regulation of carbohydrate metabolic process	P	AT3G15360
10236	3	F23 vs. L23	F2-3 up	GO:0043610	Metabolism	Bioenergetics	regulation of carbohydrate utilization	P	AT5G56860
10237	3	F23 vs. L23	F2-3 up	GO:0031998	Metabolism	Bioenergetics	regulation of fatty acid beta-oxidation	P	AT5G09660
10238	3	F23 vs. L23	F2-3 up	GO:0080093	Metabolism	Bioenergetics	regulation of photorespiration	P	AT5G09660
10239	3	F23 vs. L23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT1G22840
10240	3	F23 vs. L23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT3G22370
10241	3	F23 vs. L23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT4G10040
10242	3	F23 vs. L23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	ATMG00650
10243	3	F23 vs. L23	F2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	ATCG00430
10244	3	F23 vs. L23	F2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	ATMG00650
10245	3	F23 vs. L23	F2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT3G27380
10246	3	F23 vs. L23	F2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT5G40650
10247	3	F23 vs. L23	F2-3 up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	AT3G27380
10248	3	F23 vs. L23	F2-3 up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	AT5G40650
10249	3	F23 vs. L23	F2-3 up	GO:0102420	Metabolism	Bioenergetics	sn-1-glycerol-3-phosphate C16:0-DCA-CoA acyl transferase activity	F	AT1G02390
10250	3	F23 vs. L23	F2-3 up	GO:0102419	Metabolism	Bioenergetics	sn-2-glycerol-3-phosphate omega-OH-C22:0-CoA acyl transferase activity	F	AT2G38110
10251	3	F23 vs. L23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G01180
10252	3	F23 vs. L23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G55800
10253	3	F23 vs. L23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT5G19220
10254	3	F23 vs. L23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT5G48300
10255	3	F23 vs. L23	F2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT3G23920
10256	3	F23 vs. L23	F2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT4G15210
10257	3	F23 vs. L23	F2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT4G17090
10258	3	F23 vs. L23	F2-3 up	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT3G01180
10259	3	F23 vs. L23	F2-3 up	GO:0102218	Metabolism	Bioenergetics	starch, H2O dikinase activity	F	AT4G24450
10260	3	F23 vs. L23	F2-3 up	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT3G27380
10261	3	F23 vs. L23	F2-3 up	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT5G40650
10262	3	F23 vs. L23	F2-3 up	GO:0045281	Metabolism	Bioenergetics	succinate dehydrogenase complex	C	AT3G27380
10263	3	F23 vs. L23	F2-3 up	GO:0045281	Metabolism	Bioenergetics	succinate dehydrogenase complex	C	AT5G40650
10264	3	F23 vs. L23	F2-3 up	GO:0004777	Metabolism	Bioenergetics	succinate-semialdehyde dehydrogenase (NAD+) activity	F	AT1G79440
10265	3	F23 vs. L23	F2-3 up	GO:0009013	Metabolism	Bioenergetics	succinate-semialdehyde dehydrogenase [NAD(P)+] activity	F	AT1G79440
10266	3	F23 vs. L23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT1G51420
10267	3	F23 vs. L23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT2G35840
10268	3	F23 vs. L23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G55800
10269	3	F23 vs. L23	F2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT1G12240
10270	3	F23 vs. L23	F2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT1G22710
10271	3	F23 vs. L23	F2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT3G03250

10272	3	F23 vs. L23	F2-3 up	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT4G10120
10273	3	F23 vs. L23	F2-3 up	GO:0042721	Metabolism	Bioenergetics	TIM22 mitochondrial import inner membrane insertion complex	C	AT5G24650
10274	3	F23 vs. L23	F2-3 up	GO:0005744	Metabolism	Bioenergetics	TIM23 mitochondrial import inner membrane translocase complex	C	AT5G24650
10275	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G09810
10276	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G14940
10277	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G27380
10278	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G60100
10279	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT4G26970
10280	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G09660
10281	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G40650
10282	3	F23 vs. L23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G58330
10283	3	F23 vs. L23	F2-3 up	GO:0035436	Metabolism	Bioenergetics	triose phosphate transmembrane transport	P	AT1G61800
10284	3	F23 vs. L23	F2-3 up	GO:0102721	Metabolism	Bioenergetics	ubiquinol:oxygen oxidoreductase activity	F	AT3G22370
10285	3	F23 vs. L23	F2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT4G03280
10286	3	F23 vs. L23	F2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT5G05370
10287	3	F23 vs. L23	F2-3 up	GO:0006744	Metabolism	Bioenergetics	ubiquinone biosynthetic process	P	AT2G30490
10288	3	F23 vs. L23	F2-3 up	GO:1901006	Metabolism	Bioenergetics	ubiquinone-6 biosynthetic process	P	AT5G15910
10289	3	F23 vs. L23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT1G06090
10290	3	F23 vs. L23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT2G29980
10291	3	F23 vs. L23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT2G31360
10292	3	F23 vs. L23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT3G11170
10293	3	F23 vs. L23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT4G27030
10294	3	F23 vs. L23	F2-3 up	GO:0016471	Metabolism	Bioenergetics	vacuolar proton-transporting V-type ATPase complex	C	AT4G25950
10295	3	F23 vs. L23	F2-3 up	GO:0000221	Metabolism	Bioenergetics	vacuolar proton-transporting V-type ATPase, V1 domain	C	AT1G12840
10296	3	F23 vs. L23	F2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT2G31360
10297	3	F23 vs. L23	F2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT4G24510
10298	3	F23 vs. L23	F2-3 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT1G68530
10299	3	F23 vs. L23	F2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT1G68530
10300	3	F23 vs. L23	F2-3 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14420
10301	3	F23 vs. L23	F2-3 up	GO:0046185	Metabolism	Catabolism	aldehyde catabolic process	P	AT1G02205
10302	3	F23 vs. L23	F2-3 up	GO:0071771	Metabolism	Catabolism	aldehyde decarbonylase activity	F	AT1G02205
10303	3	F23 vs. L23	F2-3 up	GO:0043447	Metabolism	Catabolism	alkane biosynthetic process	P	AT1G02205
10304	3	F23 vs. L23	F2-3 up	GO:0043447	Metabolism	Catabolism	alkane biosynthetic process	P	AT5G57800
10305	3	F23 vs. L23	F2-3 up	GO:0046556	Metabolism	Catabolism	alpha-L-arabinofuranosidase activity	F	AT5G49360
10306	3	F23 vs. L23	F2-3 up	GO:0031222	Metabolism	Catabolism	arabinan catabolic process	P	AT5G49360
10307	3	F23 vs. L23	F2-3 up	GO:0006527	Metabolism	Catabolism	arginine catabolic process	P	AT4G34710
10308	3	F23 vs. L23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT1G58180
10309	3	F23 vs. L23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G01500
10310	3	F23 vs. L23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G52720
10311	3	F23 vs. L23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT5G14740
10312	3	F23 vs. L23	F2-3 up	GO:0009056	Metabolism	Catabolism	catabolic process	P	AT2G45610
10313	3	F23 vs. L23	F2-3 up	GO:0008219	Metabolism	Catabolism	cell death	P	AT2G01290
10314	3	F23 vs. L23	F2-3 up	GO:0008219	Metabolism	Catabolism	cell death	P	AT3G01420
10315	3	F23 vs. L23	F2-3 up	GO:0008219	Metabolism	Catabolism	cell death	P	AT3G06490
10316	3	F23 vs. L23	F2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT1G05850
10317	3	F23 vs. L23	F2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT2G43570
10318	3	F23 vs. L23	F2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT2G43590
10319	3	F23 vs. L23	F2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT3G44990
10320	3	F23 vs. L23	F2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G64390
10321	3	F23 vs. L23	F2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT2G32990
10322	3	F23 vs. L23	F2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT5G49720
10323	3	F23 vs. L23	F2-3 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT1G05850

10324	3	F23 vs. L23	F2-3 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT2G43570
10325	3	F23 vs. L23	F2-3 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT2G43590
10326	3	F23 vs. L23	F2-3 up	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT1G44000
10327	3	F23 vs. L23	F2-3 up	GO:0031464	Metabolism	Catabolism	Cul4A-RING E3 ubiquitin ligase complex	C	AT1G61740
10328	3	F23 vs. L23	F2-3 up	GO:0031464	Metabolism	Catabolism	Cul4A-RING E3 ubiquitin ligase complex	C	AT2G25740
10329	3	F23 vs. L23	F2-3 up	GO:0031464	Metabolism	Catabolism	Cul4A-RING E3 ubiquitin ligase complex	C	AT2G36630
10330	3	F23 vs. L23	F2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT1G15470
10331	3	F23 vs. L23	F2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT2G01330
10332	3	F23 vs. L23	F2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT1G58180
10333	3	F23 vs. L23	F2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT3G01500
10334	3	F23 vs. L23	F2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT5G14740
10335	3	F23 vs. L23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G20850
10336	3	F23 vs. L23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G19390
10337	3	F23 vs. L23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G01610
10338	3	F23 vs. L23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G35350
10339	3	F23 vs. L23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G45890
10340	3	F23 vs. L23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G60360
10341	3	F23 vs. L23	F2-3 up	GO:0006216	Metabolism	Catabolism	cytidine catabolic process	P	AT2G19570
10342	3	F23 vs. L23	F2-3 up	GO:0046177	Metabolism	Catabolism	D-gluconate catabolic process	P	AT1G64190
10343	3	F23 vs. L23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT2G30440
10344	3	F23 vs. L23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G17611
10345	3	F23 vs. L23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G57680
10346	3	F23 vs. L23	F2-3 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT2G02990
10347	3	F23 vs. L23	F2-3 up	GO:0004527	Metabolism	Catabolism	exonuclease activity	F	AT5G54130
10348	3	F23 vs. L23	F2-3 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT5G22250
10349	3	F23 vs. L23	F2-3 up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT1G77090
10350	3	F23 vs. L23	F2-3 up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT2G39470
10351	3	F23 vs. L23	F2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT4G28490
10352	3	F23 vs. L23	F2-3 up	GO:0080187	Metabolism	Catabolism	floral organ senescence	P	AT5G45890
10353	3	F23 vs. L23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G09340
10354	3	F23 vs. L23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G70730
10355	3	F23 vs. L23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT3G63140
10356	3	F23 vs. L23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT1G09340
10357	3	F23 vs. L23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT3G10700
10358	3	F23 vs. L23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT3G63140
10359	3	F23 vs. L23	F2-3 up	GO:0009450	Metabolism	Catabolism	gamma-aminobutyric acid catabolic process	P	AT1G79440
10360	3	F23 vs. L23	F2-3 up	GO:0034722	Metabolism	Catabolism	gamma-glutamyl-peptidase activity	F	AT4G30530
10361	3	F23 vs. L23	F2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G03640
10362	3	F23 vs. L23	F2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT5G25980
10363	3	F23 vs. L23	F2-3 up	GO:0006538	Metabolism	Catabolism	glutamate catabolic process	P	AT1G65960
10364	3	F23 vs. L23	F2-3 up	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G31290
10365	3	F23 vs. L23	F2-3 up	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G39640
10366	3	F23 vs. L23	F2-3 up	GO:0019563	Metabolism	Catabolism	glycerol catabolic process	P	AT1G80460
10367	3	F23 vs. L23	F2-3 up	GO:0006546	Metabolism	Catabolism	glycine catabolic process	P	AT4G33010
10368	3	F23 vs. L23	F2-3 up	GO:1902000	Metabolism	Catabolism	homogentisate catabolic process	P	AT2G02390
10369	3	F23 vs. L23	F2-3 up	GO:1902000	Metabolism	Catabolism	homogentisate catabolic process	P	AT5G54080
10370	3	F23 vs. L23	F2-3 up	GO:0032264	Metabolism	Catabolism	IMP salvage	P	AT2G38280
10371	3	F23 vs. L23	F2-3 up	GO:0042344	Metabolism	Catabolism	indole glucosinolate catabolic process	P	AT1G59870
10372	3	F23 vs. L23	F2-3 up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT4G26260
10373	3	F23 vs. L23	F2-3 up	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G23310
10374	3	F23 vs. L23	F2-3 up	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G70580
10375	3	F23 vs. L23	F2-3 up	GO:0060866	Metabolism	Catabolism	leaf abscission	P	AT4G28490
10376	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G32450
10377	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G13810
10378	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G39730
10379	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G43570

10380	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G10985
10381	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G15030
10382	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G02380
10383	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G22750
10384	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G11520
10385	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G24530
10386	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G45890
10387	3	F23 vs. L23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G51720
10388	3	F23 vs. L23	F2-3 up	GO:0046274	Metabolism	Catabolism	lignin catabolic process	P	AT2G37040
10389	3	F23 vs. L23	F2-3 up	GO:0046274	Metabolism	Catabolism	lignin catabolic process	P	AT5G60020
10390	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G58430
10391	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G75880
10392	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G08510
10393	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G16370
10394	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G48460
10395	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G53100
10396	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G54950
10397	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G28780
10398	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G33370
10399	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G58690
10400	3	F23 vs. L23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G58700
10401	3	F23 vs. L23	F2-3 up	GO:0019509	Metabolism	Catabolism	L-methionine salvage from methylthioadenosine	P	AT4G14710
10402	3	F23 vs. L23	F2-3 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT2G37040
10403	3	F23 vs. L23	F2-3 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT5G36160
10404	3	F23 vs. L23	F2-3 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT5G54080
10405	3	F23 vs. L23	F2-3 up	GO:0006565	Metabolism	Catabolism	L-serine catabolic process	P	AT4G13930
10406	3	F23 vs. L23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G20850
10407	3	F23 vs. L23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT3G19390
10408	3	F23 vs. L23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G01610
10409	3	F23 vs. L23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G35350
10410	3	F23 vs. L23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G45890
10411	3	F23 vs. L23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G60360
10412	3	F23 vs. L23	F2-3 up	GO:0090410	Metabolism	Catabolism	malonate catabolic process	P	AT3G16170
10413	3	F23 vs. L23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT1G50250
10414	3	F23 vs. L23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT2G21960
10415	3	F23 vs. L23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT3G03420
10416	3	F23 vs. L23	F2-3 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT4G02890
10417	3	F23 vs. L23	F2-3 up	GO:1903298	Metabolism	Catabolism	negative regulation of hypoxia-induced intrinsic apoptotic signaling pathway	P	AT4G16660
10418	3	F23 vs. L23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT1G64060
10419	3	F23 vs. L23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT3G57330
10420	3	F23 vs. L23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT5G47910
10421	3	F23 vs. L23	F2-3 up	GO:0033611	Metabolism	Catabolism	oxalate catabolic process	P	AT3G48990
10422	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G45220
10423	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G05620
10424	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G14310
10425	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G17060
10426	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G24670
10427	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G43270
10428	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G62170
10429	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G28490
10430	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G33220
10431	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07430
10432	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G53370
10433	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G55720
10434	3	F23 vs. L23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G63180

10435	3	F23 vs. L23	F2-3 up	GO:0019323	Metabolism	Catabolism	pentose catabolic process	P	AT5G61410
10436	3	F23 vs. L23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G03200
10437	3	F23 vs. L23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G25740
10438	3	F23 vs. L23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G38870
10439	3	F23 vs. L23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT4G30530
10440	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G35720
10441	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G64060
10442	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G02390
10443	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G31570
10444	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G41480
10445	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G01420
10446	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G11630
10447	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G17790
10448	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G49110
10449	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT4G11600
10450	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G47000
10451	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G47910
10452	3	F23 vs. L23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G51890
10453	3	F23 vs. L23	F2-3 up	GO:0005782	Metabolism	Catabolism	peroxisomal matrix	C	AT3G52880
10454	3	F23 vs. L23	F2-3 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT1G76490
10455	3	F23 vs. L23	F2-3 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT2G17370
10456	3	F23 vs. L23	F2-3 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT3G07560
10457	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G07180
10458	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G09340
10459	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G11840
10460	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G20620
10461	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G23310
10462	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G68010
10463	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G70580
10464	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G06050
10465	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26500
10466	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26740
10467	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G29990
10468	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30490
10469	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30520
10470	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30860
10471	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30970
10472	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31570
10473	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31750
10474	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31790
10475	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G01980
10476	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G14420
10477	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G20530
10478	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G48170
10479	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G52880
10480	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G05020
10481	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G14880
10482	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G09660
10483	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G11520
10484	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G25980
10485	3	F23 vs. L23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G63380
10486	3	F23 vs. L23	F2-3 up	GO:0009395	Metabolism	Catabolism	phospholipid catabolic process	P	AT3G48610
10487	3	F23 vs. L23	F2-3 up	GO:0090693	Metabolism	Catabolism	plant organ senescence	P	AT5G56860
10488	3	F23 vs. L23	F2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT1G09340
10489	3	F23 vs. L23	F2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT2G43570
10490	3	F23 vs. L23	F2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT2G43590

10491	3	F23 vs. L23	F2-3 up	GO:0043085	Metabolism	Catabolism	positive regulation of catalytic activity	P	AT1G50320
10492	3	F23 vs. L23	F2-3 up	GO:0043085	Metabolism	Catabolism	positive regulation of catalytic activity	P	AT3G15360
10493	3	F23 vs. L23	F2-3 up	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT1G20850
10494	3	F23 vs. L23	F2-3 up	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT4G35350
10495	3	F23 vs. L23	F2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT3G23050
10496	3	F23 vs. L23	F2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G56500
10497	3	F23 vs. L23	F2-3 up	GO:0051865	Metabolism	Catabolism	protein autoubiquitination	P	AT3G46620
10498	3	F23 vs. L23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G03230
10499	3	F23 vs. L23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G62290
10500	3	F23 vs. L23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G65240
10501	3	F23 vs. L23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT2G03200
10502	3	F23 vs. L23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT4G04460
10503	3	F23 vs. L23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT5G36260
10504	3	F23 vs. L23	F2-3 up	GO:0016558	Metabolism	Catabolism	protein import into peroxisome matrix	P	AT3G07560
10505	3	F23 vs. L23	F2-3 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT1G56500
10506	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G20823
10507	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G21760
10508	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G29340
10509	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G61740
10510	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G24540
10511	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G25740
10512	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G30520
10513	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G36630
10514	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G46620
10515	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G02890
10516	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G03190
10517	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G64660
10518	3	F23 vs. L23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G67480
10519	3	F23 vs. L23	F2-3 up	GO:0032991	Metabolism	Catabolism	protein-containing complex	C	AT3G62410
10520	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G03230
10521	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G13270
10522	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G50250
10523	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G52580
10524	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G62290
10525	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G65240
10526	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G03200
10527	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G21960
10528	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G25740
10529	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G38870
10530	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G17611
10531	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G00230
10532	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G01610
10533	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G04460
10534	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G30530
10535	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G04710
10536	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G36260
10537	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G60360
10538	3	F23 vs. L23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G65760
10539	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G20850
10540	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G17180

10541	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G19390
10542	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G45010
10543	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G52000
10544	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G01610
10545	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G35350
10546	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G08260
10547	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G45890
10548	3	F23 vs. L23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G60360
10549	3	F23 vs. L23	F2-3 up	GO:0010304	Metabolism	Catabolism	PSII associated light-harvesting complex II catabolic process	P	AT1G50250
10550	3	F23 vs. L23	F2-3 up	GO:0052692	Metabolism	Catabolism	raffinose alpha-galactosidase activity	F	AT5G08370
10551	3	F23 vs. L23	F2-3 up	GO:0006401	Metabolism	Catabolism	RNA catabolic process	P	AT2G02990
10552	3	F23 vs. L23	F2-3 up	GO:0046244	Metabolism	Catabolism	salicylic acid catabolic process	P	AT2G37040
10553	3	F23 vs. L23	F2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT1G21760
10554	3	F23 vs. L23	F2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT1G27340
10555	3	F23 vs. L23	F2-3 up	GO:0010282	Metabolism	Catabolism	senescence-associated vacuole	C	AT5G45890
10556	3	F23 vs. L23	F2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT3G17180
10557	3	F23 vs. L23	F2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT3G45010
10558	3	F23 vs. L23	F2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT3G52000
10559	3	F23 vs. L23	F2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT5G08260
10560	3	F23 vs. L23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G52580
10561	3	F23 vs. L23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT2G30440
10562	3	F23 vs. L23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT3G17611
10563	3	F23 vs. L23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT4G00230
10564	3	F23 vs. L23	F2-3 up	GO:0030149	Metabolism	Catabolism	sphingolipid catabolic process	P	AT1G27980
10565	3	F23 vs. L23	F2-3 up	GO:0036459	Metabolism	Catabolism	thiol-dependent ubiquitinyl hydrolase activity	F	AT5G22030
10566	3	F23 vs. L23	F2-3 up	GO:0019441	Metabolism	Catabolism	tryptophan catabolic process to kynurenine	P	AT2G40000
10567	3	F23 vs. L23	F2-3 up	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G36160
10568	3	F23 vs. L23	F2-3 up	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G54080
10569	3	F23 vs. L23	F2-3 up	GO:0000151	Metabolism	Catabolism	ubiquitin ligase complex	C	AT3G08990
10570	3	F23 vs. L23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G20823
10571	3	F23 vs. L23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G56500
10572	3	F23 vs. L23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G46620
10573	3	F23 vs. L23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G66070
10574	3	F23 vs. L23	F2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT3G53420
10575	3	F23 vs. L23	F2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT4G02890
10576	3	F23 vs. L23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G02890
10577	3	F23 vs. L23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G03190
10578	3	F23 vs. L23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G22030
10579	3	F23 vs. L23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G27340
10580	3	F23 vs. L23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G29340
10581	3	F23 vs. L23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G46620
10582	3	F23 vs. L23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT4G03190
10583	3	F23 vs. L23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G64660
10584	3	F23 vs. L23	F2-3 up	GO:0006212	Metabolism	Catabolism	uracil catabolic process	P	AT5G64370
10585	3	F23 vs. L23	F2-3 up	GO:0042178	Metabolism	Catabolism	xenobiotic catabolic process	P	AT4G01070

10586	3	F23 vs. L23	F2-3 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT5G47000
10587	3	F23 vs. L23	F2-3 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT5G49360
10588	3	F23 vs. L23	F2-3 up	GO:0045493	Metabolism	Catabolism	xylan catabolic process	P	AT5G49360
10589	3	F23 vs. L23	F2-3 up	GO:0047504	Metabolism	Metabolism	(-)-menthol dehydrogenase activity	F	AT3G61220
10590	3	F23 vs. L23	F2-3 up	GO:0047501	Metabolism	Metabolism	(+)-neomenthol dehydrogenase activity	F	AT3G61220
10591	3	F23 vs. L23	F2-3 up	GO:0034768	Metabolism	Metabolism	(E)-beta-ocimene synthase activity	F	AT2G24210
10592	3	F23 vs. L23	F2-3 up	GO:1902609	Metabolism	Metabolism	(R)-2-hydroxy-alpha-linolenic acid biosynthetic process	P	AT3G01420
10593	3	F23 vs. L23	F2-3 up	GO:0102165	Metabolism	Metabolism	(Z)-3-hexen-1-ol acetyltransferase activity	F	AT3G03480
10594	3	F23 vs. L23	F2-3 up	GO:0016629	Metabolism	Metabolism	12-oxophytodienoate reductase activity	F	AT2G06050
10595	3	F23 vs. L23	F2-3 up	GO:0009979	Metabolism	Metabolism	16:0 monogalactosyldiacylglycerol desaturase activity	F	AT1G06090
10596	3	F23 vs. L23	F2-3 up	GO:0009979	Metabolism	Metabolism	16:0 monogalactosyldiacylglycerol desaturase activity	F	AT2G31360
10597	3	F23 vs. L23	F2-3 up	GO:0003841	Metabolism	Metabolism	1-acylglycerol-3-phosphate O-acyltransferase activity	F	AT1G75020
10598	3	F23 vs. L23	F2-3 up	GO:0009815	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate oxidase activity	F	AT1G05010
10599	3	F23 vs. L23	F2-3 up	GO:0009815	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate oxidase activity	F	AT1G62380
10600	3	F23 vs. L23	F2-3 up	GO:0009815	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate oxidase activity	F	AT2G30830
10601	3	F23 vs. L23	F2-3 up	GO:0016847	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate synthase activity	F	AT4G11280
10602	3	F23 vs. L23	F2-3 up	GO:0005545	Metabolism	Metabolism	1-phosphatidylinositol binding	F	AT1G03050
10603	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G10960
10604	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G71500
10605	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT2G24820
10606	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT3G27380
10607	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT4G03280
10608	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT4G15700
10609	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G18600
10610	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G40650
10611	3	F23 vs. L23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G51720
10612	3	F23 vs. L23	F2-3 up	GO:0016706	Metabolism	Metabolism	2-oxoglutarate-dependent dioxygenase activity	F	AT1G06640
10613	3	F23 vs. L23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT3G27380
10614	3	F23 vs. L23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G04140
10615	3	F23 vs. L23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G40650
10616	3	F23 vs. L23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G53460
10617	3	F23 vs. L23	F2-3 up	GO:0008686	Metabolism	Metabolism	3,4-dihydroxy-2-butanone-4-phosphate synthase activity	F	AT2G22450
10618	3	F23 vs. L23	F2-3 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT5G22250
10619	3	F23 vs. L23	F2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT5G54130
10620	3	F23 vs. L23	F2-3 up	GO:0004028	Metabolism	Metabolism	3-chloroallyl aldehyde dehydrogenase activity	F	AT1G44170
10621	3	F23 vs. L23	F2-3 up	GO:0004028	Metabolism	Metabolism	3-chloroallyl aldehyde dehydrogenase activity	F	AT4G36250
10622	3	F23 vs. L23	F2-3 up	GO:0003849	Metabolism	Metabolism	3-deoxy-7-phosphoheptulonate synthase activity	F	AT1G22410
10623	3	F23 vs. L23	F2-3 up	GO:0003861	Metabolism	Metabolism	3-isopropylmalate dehydratase activity	F	AT2G43100
10624	3	F23 vs. L23	F2-3 up	GO:0003861	Metabolism	Metabolism	3-isopropylmalate dehydratase activity	F	AT3G58990
10625	3	F23 vs. L23	F2-3 up	GO:0003862	Metabolism	Metabolism	3-isopropylmalate dehydrogenase activity	F	AT5G14200
10626	3	F23 vs. L23	F2-3 up	GO:0080102	Metabolism	Metabolism	3-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62540
10627	3	F23 vs. L23	F2-3 up	GO:0080066	Metabolism	Metabolism	3-methylthiopropyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
10628	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G15620
10629	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G29630
10630	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT3G27380
10631	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G15620
10632	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G15630
10633	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G21990

10634	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G25040
10635	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G26970
10636	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G40650
10637	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G54980
10638	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G60600
10639	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG00430
10640	3	F23 vs. L23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG01090
10641	3	F23 vs. L23	F2-3 up	GO:0046429	Metabolism	Metabolism	4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase activity	F	AT5G60600
10642	3	F23 vs. L23	F2-3 up	GO:0047443	Metabolism	Metabolism	4-hydroxy-4-methyl-2-oxoglutarate aldolase activity	F	AT3G02770
10643	3	F23 vs. L23	F2-3 up	GO:0047443	Metabolism	Metabolism	4-hydroxy-4-methyl-2-oxoglutarate aldolase activity	F	AT5G16450
10644	3	F23 vs. L23	F2-3 up	GO:0008839	Metabolism	Metabolism	4-hydroxy-tetrahydrodipicolinate reductase	F	AT5G52100
10645	3	F23 vs. L23	F2-3 up	GO:0080067	Metabolism	Metabolism	4-methylthiobutyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
10646	3	F23 vs. L23	F2-3 up	GO:0080103	Metabolism	Metabolism	4-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62540
10647	3	F23 vs. L23	F2-3 up	GO:0080103	Metabolism	Metabolism	4-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62570
10648	3	F23 vs. L23	F2-3 up	GO:0080081	Metabolism	Metabolism	4-methylumbelliferyl-beta-D-glucopyranoside beta-glucosidase activity	F	AT3G18080
10649	3	F23 vs. L23	F2-3 up	GO:0080068	Metabolism	Metabolism	5-methylthiopentyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
10650	3	F23 vs. L23	F2-3 up	GO:0080104	Metabolism	Metabolism	5-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62540
10651	3	F23 vs. L23	F2-3 up	GO:0080069	Metabolism	Metabolism	7-methylthioheptyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
10652	3	F23 vs. L23	F2-3 up	GO:0080106	Metabolism	Metabolism	7-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62540
10653	3	F23 vs. L23	F2-3 up	GO:0080070	Metabolism	Metabolism	8-methylthiooctyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
10654	3	F23 vs. L23	F2-3 up	GO:0080107	Metabolism	Metabolism	8-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62540
10655	3	F23 vs. L23	F2-3 up	GO:0080107	Metabolism	Metabolism	8-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62570
10656	3	F23 vs. L23	F2-3 up	GO:0102490	Metabolism	Metabolism	8-oxo-dGTP phosphohydrolase activity	F	AT5G18280
10657	3	F23 vs. L23	F2-3 up	GO:0006083	Metabolism	Metabolism	acetate metabolic process	P	AT5G36880
10658	3	F23 vs. L23	F2-3 up	GO:0008126	Metabolism	Metabolism	acetylesterase activity	F	AT3G48460
10659	3	F23 vs. L23	F2-3 up	GO:0016407	Metabolism	Metabolism	acetyltransferase activity	F	AT3G13930
10660	3	F23 vs. L23	F2-3 up	GO:0016881	Metabolism	Metabolism	acid-amino acid ligase activity	F	AT2G23170
10661	3	F23 vs. L23	F2-3 up	GO:0016881	Metabolism	Metabolism	acid-amino acid ligase activity	F	AT5G54510
10662	3	F23 vs. L23	F2-3 up	GO:0010309	Metabolism	Metabolism	acireductone dioxygenase [iron(II)-requiring] activity	F	AT4G14710
10663	3	F23 vs. L23	F2-3 up	GO:0003994	Metabolism	Metabolism	aconitate hydratase activity	F	AT4G26970
10664	3	F23 vs. L23	F2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT4G25590
10665	3	F23 vs. L23	F2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT5G52360
10666	3	F23 vs. L23	F2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT5G67470
10667	3	F23 vs. L23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G01780
10668	3	F23 vs. L23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G21980
10669	3	F23 vs. L23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT2G01330
10670	3	F23 vs. L23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT2G45800
10671	3	F23 vs. L23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT3G61230
10672	3	F23 vs. L23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT4G38510
10673	3	F23 vs. L23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G01780
10674	3	F23 vs. L23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G64500
10675	3	F23 vs. L23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT2G45800
10676	3	F23 vs. L23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT3G61230
10677	3	F23 vs. L23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT4G38510

10678	3	F23 vs. L23	F2-3 up	GO:0051693	Metabolism	Metabolism	actin filament capping	P	AT4G38510
10679	3	F23 vs. L23	F2-3 up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT2G01330
10680	3	F23 vs. L23	F2-3 up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT4G25590
10681	3	F23 vs. L23	F2-3 up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT5G52360
10682	3	F23 vs. L23	F2-3 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT1G54560
10683	3	F23 vs. L23	F2-3 up	GO:0030048	Metabolism	Metabolism	actin filament-based movement	P	AT1G54560
10684	3	F23 vs. L23	F2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT1G21980
10685	3	F23 vs. L23	F2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT2G19770
10686	3	F23 vs. L23	F2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT4G29340
10687	3	F23 vs. L23	F2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT4G29350
10688	3	F23 vs. L23	F2-3 up	GO:0008154	Metabolism	Metabolism	actin polymerization or depolymerization	P	AT4G29350
10689	3	F23 vs. L23	F2-3 up	GO:0000036	Metabolism	Metabolism	acyl carrier activity	F	AT1G08510
10690	3	F23 vs. L23	F2-3 up	GO:0016297	Metabolism	Metabolism	acyl-[acyl-carrier-protein] hydrolase activity	F	AT1G08510
10691	3	F23 vs. L23	F2-3 up	GO:0047372	Metabolism	Metabolism	acylglycerol lipase activity	F	AT2G39420
10692	3	F23 vs. L23	F2-3 up	GO:0004013	Metabolism	Metabolism	adenosylhomocysteinase activity	F	AT3G23810
10693	3	F23 vs. L23	F2-3 up	GO:0004014	Metabolism	Metabolism	adenosylmethionine decarboxylase activity	F	AT3G02470
10694	3	F23 vs. L23	F2-3 up	GO:0004014	Metabolism	Metabolism	adenosylmethionine decarboxylase activity	F	AT5G15950
10695	3	F23 vs. L23	F2-3 up	GO:0004020	Metabolism	Metabolism	adenylylsulfate kinase activity	F	AT2G14750
10696	3	F23 vs. L23	F2-3 up	GO:0004020	Metabolism	Metabolism	adenylylsulfate kinase activity	F	AT4G39940
10697	3	F23 vs. L23	F2-3 up	GO:0009973	Metabolism	Metabolism	adenylyl-sulfate reductase activity	F	AT4G21990
10698	3	F23 vs. L23	F2-3 up	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT1G23310
10699	3	F23 vs. L23	F2-3 up	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT1G70580
10700	3	F23 vs. L23	F2-3 up	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT2G38400
10701	3	F23 vs. L23	F2-3 up	GO:1990465	Metabolism	Metabolism	aldehyde oxygenase (deformylating) activity	F	AT5G57800
10702	3	F23 vs. L23	F2-3 up	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT1G01600
10703	3	F23 vs. L23	F2-3 up	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT1G63710
10704	3	F23 vs. L23	F2-3 up	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT4G00360
10705	3	F23 vs. L23	F2-3 up	GO:0046423	Metabolism	Metabolism	allene-oxide cyclase activity	F	AT3G25760
10706	3	F23 vs. L23	F2-3 up	GO:0033201	Metabolism	Metabolism	alpha-1,4-glucan synthase activity	F	AT3G01180
10707	3	F23 vs. L23	F2-3 up	GO:0004557	Metabolism	Metabolism	alpha-galactosidase activity	F	AT5G08370
10708	3	F23 vs. L23	F2-3 up	GO:0009308	Metabolism	Metabolism	amine metabolic process	P	AT1G31490
10709	3	F23 vs. L23	F2-3 up	GO:0016843	Metabolism	Metabolism	amine-lyase activity	F	AT5G01410
10710	3	F23 vs. L23	F2-3 up	GO:0016597	Metabolism	Metabolism	amino acid binding	F	AT1G76990
10711	3	F23 vs. L23	F2-3 up	GO:0016597	Metabolism	Metabolism	amino acid binding	F	AT4G13930
10712	3	F23 vs. L23	F2-3 up	GO:0004046	Metabolism	Metabolism	aminoacylase activity	F	AT1G44820
10713	3	F23 vs. L23	F2-3 up	GO:0004047	Metabolism	Metabolism	aminomethyltransferase activity	F	AT1G11860
10714	3	F23 vs. L23	F2-3 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G04140
10715	3	F23 vs. L23	F2-3 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G35630
10716	3	F23 vs. L23	F2-3 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G53460
10717	3	F23 vs. L23	F2-3 up	GO:0016208	Metabolism	Metabolism	AMP binding	F	AT5G36880
10718	3	F23 vs. L23	F2-3 up	GO:0003876	Metabolism	Metabolism	AMP deaminase activity	F	AT2G38280
10719	3	F23 vs. L23	F2-3 up	GO:0046033	Metabolism	Metabolism	AMP metabolic process	P	AT2G38280
10720	3	F23 vs. L23	F2-3 up	GO:0047668	Metabolism	Metabolism	amygdalin beta-glucosidase activity	F	AT3G18080
10721	3	F23 vs. L23	F2-3 up	GO:0010021	Metabolism	Metabolism	amylopectin biosynthetic process	P	AT3G01180
10722	3	F23 vs. L23	F2-3 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT3G23920
10723	3	F23 vs. L23	F2-3 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT4G15210
10724	3	F23 vs. L23	F2-3 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT4G17090
10725	3	F23 vs. L23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT2G02990
10726	3	F23 vs. L23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT3G21560
10727	3	F23 vs. L23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT5G42800
10728	3	F23 vs. L23	F2-3 up	GO:0004049	Metabolism	Metabolism	anthranilate synthase activity	F	AT5G05730
10729	3	F23 vs. L23	F2-3 up	GO:0005950	Metabolism	Metabolism	anthranilate synthase complex	C	AT5G05730
10730	3	F23 vs. L23	F2-3 up	GO:0019146	Metabolism	Metabolism	arabinose-5-phosphate isomerase activity	F	AT3G54690

10731	3	F23 vs. L23	F2-3 up	GO:0008792	Metabolism	Metabolism	arginine decarboxylase activity	F	AT4G34710
10732	3	F23 vs. L23	F2-3 up	GO:0047769	Metabolism	Metabolism	arogenate dehydratase activity	F	AT5G22630
10733	3	F23 vs. L23	F2-3 up	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT1G01600
10734	3	F23 vs. L23	F2-3 up	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT1G63710
10735	3	F23 vs. L23	F2-3 up	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT4G00360
10736	3	F23 vs. L23	F2-3 up	GO:0009073	Metabolism	Metabolism	aromatic amino acid family biosynthetic process	P	AT1G22410
10737	3	F23 vs. L23	F2-3 up	GO:0009072	Metabolism	Metabolism	aromatic amino acid family metabolic process	P	AT2G02390
10738	3	F23 vs. L23	F2-3 up	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT4G35150
10739	3	F23 vs. L23	F2-3 up	GO:0004067	Metabolism	Metabolism	asparaginase activity	F	AT5G08100
10740	3	F23 vs. L23	F2-3 up	GO:0009067	Metabolism	Metabolism	aspartate family amino acid biosynthetic process	P	AT5G14060
10741	3	F23 vs. L23	F2-3 up	GO:0004072	Metabolism	Metabolism	aspartate kinase activity	F	AT5G14060
10742	3	F23 vs. L23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G03230
10743	3	F23 vs. L23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G62290
10744	3	F23 vs. L23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G65240
10745	3	F23 vs. L23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT2G03200
10746	3	F23 vs. L23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT4G04460
10747	3	F23 vs. L23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT5G36260
10748	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G45220
10749	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G05620
10750	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G14310
10751	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G17060
10752	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G43270
10753	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G62170
10754	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT4G33220
10755	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07430
10756	3	F23 vs. L23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G53370
10757	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G03905
10758	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G04400
10759	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G09430
10760	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G14000
10761	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G16370
10762	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G18150
10763	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G21980
10764	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G25350
10765	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G32060
10766	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G35720
10767	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G48030
10768	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50250
10769	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50610
10770	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G54280
10771	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G59870
10772	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G60810
10773	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G67940
10774	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G70610
10775	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G71697
10776	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G72180
10777	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G72730
10778	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G76370
10779	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G78290
10780	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80460
10781	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80660
10782	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01320
10783	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G02800
10784	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07180
10785	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07560
10786	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G14750

10787	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G16750
10788	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G17220
10789	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G17290
10790	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G18470
10791	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G20470
10792	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G21960
10793	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G22950
10794	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G25530
10795	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G30360
10796	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31500
10797	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G36880
10798	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G38280
10799	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G39730
10800	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G41210
10801	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G03770
10802	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07700
10803	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07960
10804	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G08720
10805	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G08730
10806	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G09440
10807	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G10420
10808	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G10700
10809	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12690
10810	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12780
10811	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G13065
10812	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G16340
10813	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G17390
10814	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G18780
10815	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G20190
10816	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21180
10817	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21230
10818	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G22890
10819	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24190
10820	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G42640
10821	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G43210
10822	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G45640
10823	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G45780
10824	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G46520
10825	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G48990
10826	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G50000
10827	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G51240
10828	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54660
10829	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54690
10830	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55100
10831	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55610
10832	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G56600
10833	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G56960
10834	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G57330
10835	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G60330
10836	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G61160
10837	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G01850
10838	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G11030
10839	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G15530
10840	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G18050
10841	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G18950
10842	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G23100

10843	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G24450
10844	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G26100
10845	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G28490
10846	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G31230
10847	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G35500
10848	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G38510
10849	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39110
10850	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39940
10851	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G02270
10852	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G04720
10853	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G05200
10854	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G06530
10855	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G07440
10856	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G08160
10857	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G09810
10858	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G12000
10859	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G13160
10860	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G14060
10861	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G18280
10862	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G19220
10863	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G24080
10864	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G27000
10865	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G35630
10866	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G36880
10867	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G40010
10868	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G44110
10869	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G45840
10870	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G48300
10871	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G53890
10872	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G57350
10873	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G59370
10874	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G60740
10875	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G60790
10876	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G61700
10877	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G63380
10878	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G64840
10879	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G65460
10880	3	F23 vs. L23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	ATMG00480
10881	3	F23 vs. L23	F2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT1G50250
10882	3	F23 vs. L23	F2-3 up	GO:0102996	Metabolism	Metabolism	beta,beta digalactosyldiacylglycerol galactosyltransferase activity	F	AT3G06510
10883	3	F23 vs. L23	F2-3 up	GO:0033396	Metabolism	Metabolism	beta-alanine biosynthetic process via 3-ureidopropionate	P	AT5G64370
10884	3	F23 vs. L23	F2-3 up	GO:0019482	Metabolism	Metabolism	beta-alanine metabolic process	P	AT5G64370
10885	3	F23 vs. L23	F2-3 up	GO:0008798	Metabolism	Metabolism	beta-aspartyl-peptidase activity	F	AT5G08100
10886	3	F23 vs. L23	F2-3 up	GO:0004564	Metabolism	Metabolism	beta-fructofuranosidase activity	F	AT1G12240
10887	3	F23 vs. L23	F2-3 up	GO:0004564	Metabolism	Metabolism	beta-fructofuranosidase activity	F	AT3G52600
10888	3	F23 vs. L23	F2-3 up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT1G45130
10889	3	F23 vs. L23	F2-3 up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT4G35010
10890	3	F23 vs. L23	F2-3 up	GO:0080083	Metabolism	Metabolism	beta-gentiobiose beta-glucosidase activity	F	AT3G18080
10891	3	F23 vs. L23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT1G61820
10892	3	F23 vs. L23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G03640
10893	3	F23 vs. L23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G06510
10894	3	F23 vs. L23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G18080
10895	3	F23 vs. L23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT4G10060
10896	3	F23 vs. L23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G25980

10897	3	F23 vs. L23	F2-3 up	GO:0008802	Metabolism	Metabolism	betaine-aldehyde dehydrogenase activity	F	AT3G48170
10898	3	F23 vs. L23	F2-3 up	GO:0004567	Metabolism	Metabolism	beta-mannosidase activity	F	AT3G18080
10899	3	F23 vs. L23	F2-3 up	GO:0003837	Metabolism	Metabolism	beta-ureidopropionase activity	F	AT5G64370
10900	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G04670
10901	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G09310
10902	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12250
10903	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12320
10904	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G15470
10905	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G16290
10906	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G17360
10907	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G19380
10908	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21000
10909	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21060
10910	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G22750
10911	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G23750
10912	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G27850
10913	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G29140
10914	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G31750
10915	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47980
10916	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G63060
10917	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G64140
10918	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G67870
10919	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G68440
10920	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G70780
10921	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G72240
10922	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G74510
10923	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G75160
10924	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G78780
10925	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G79270
10926	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G05530
10927	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G07708
10928	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G13350
10929	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G15680
10930	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19330
10931	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19980
10932	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20320
10933	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20870
10934	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G25530
10935	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G26490
10936	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G36020
10937	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G39650
10938	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G44210
10939	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G46300
10940	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G03430
10941	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G04360
10942	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G06035
10943	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G06780
10944	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G08990
10945	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G13845
10946	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G15400
10947	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G19970
10948	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G20865
10949	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G24506
10950	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G27090
10951	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50910
10952	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G56360

10953	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G16980
10954	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G18920
10955	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24930
10956	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G27435
10957	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G27790
10958	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G29780
10959	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30460
10960	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G31330
10961	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G32020
10962	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G02380
10963	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11070
10964	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11420
10965	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G17480
10966	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G22430
10967	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G22580
10968	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G38760
10969	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G41810
10970	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G45350
10971	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G46200
10972	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G47620
10973	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G53820
10974	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G55960
10975	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G56140
10976	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G61710
10977	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G62750
10978	3	F23 vs. L23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64400
10979	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G70580
10980	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT2G30970
10981	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G57010
10982	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G57020
10983	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G59530
10984	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT5G11520
10985	3	F23 vs. L23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT5G36160
10986	3	F23 vs. L23	F2-3 up	GO:0009081	Metabolism	Metabolism	branched-chain amino acid metabolic process	P	AT3G19710
10987	3	F23 vs. L23	F2-3 up	GO:0004084	Metabolism	Metabolism	branched-chain-amino-acid transaminase activity	F	AT3G19710
10988	3	F23 vs. L23	F2-3 up	GO:0010120	Metabolism	Metabolism	camalexin biosynthetic process	P	AT3G45640
10989	3	F23 vs. L23	F2-3 up	GO:0010120	Metabolism	Metabolism	camalexin biosynthetic process	P	AT4G30530
10990	3	F23 vs. L23	F2-3 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G54250
10991	3	F23 vs. L23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT2G34850
10992	3	F23 vs. L23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT4G20460
10993	3	F23 vs. L23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT1G58180
10994	3	F23 vs. L23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT3G01500
10995	3	F23 vs. L23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT5G14740
10996	3	F23 vs. L23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT5G65810
10997	3	F23 vs. L23	F2-3 up	GO:0016830	Metabolism	Metabolism	carbon-carbon lyase activity	F	AT2G29630
10998	3	F23 vs. L23	F2-3 up	GO:0016846	Metabolism	Metabolism	carbon-sulfur lyase activity	F	AT1G34040
10999	3	F23 vs. L23	F2-3 up	GO:0016846	Metabolism	Metabolism	carbon-sulfur lyase activity	F	AT3G57050
11000	3	F23 vs. L23	F2-3 up	GO:0019752	Metabolism	Metabolism	carboxylic acid metabolic process	P	AT1G27980
11001	3	F23 vs. L23	F2-3 up	GO:0016831	Metabolism	Metabolism	carboxy-lyase activity	F	AT1G27980
11002	3	F23 vs. L23	F2-3 up	GO:0004180	Metabolism	Metabolism	carboxypeptidase activity	F	AT5G65760
11003	3	F23 vs. L23	F2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT1G08940
11004	3	F23 vs. L23	F2-3 up	GO:0016024	Metabolism	Metabolism	CDP-diacylglycerol biosynthetic process	P	AT1G02390
11005	3	F23 vs. L23	F2-3 up	GO:0016024	Metabolism	Metabolism	CDP-diacylglycerol biosynthetic process	P	AT1G75020
11006	3	F23 vs. L23	F2-3 up	GO:0000032	Metabolism	Metabolism	cell wall mannoprotein biosynthetic process	P	AT3G02570
11007	3	F23 vs. L23	F2-3 up	GO:0052325	Metabolism	Metabolism	cell wall pectin biosynthetic process	P	AT3G21190
11008	3	F23 vs. L23	F2-3 up	GO:0052325	Metabolism	Metabolism	cell wall pectin biosynthetic process	P	AT5G15470

11009	3	F23 vs. L23	F2-3 up	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G06510
11010	3	F23 vs. L23	F2-3 up	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G18080
11011	3	F23 vs. L23	F2-3 up	GO:0006081	Metabolism	Metabolism	cellular aldehyde metabolic process	P	AT1G44170
11012	3	F23 vs. L23	F2-3 up	GO:0006081	Metabolism	Metabolism	cellular aldehyde metabolic process	P	AT4G36250
11013	3	F23 vs. L23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT1G44820
11014	3	F23 vs. L23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G01410
11015	3	F23 vs. L23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G07440
11016	3	F23 vs. L23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G36160
11017	3	F23 vs. L23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G54080
11018	3	F23 vs. L23	F2-3 up	GO:0044255	Metabolism	Metabolism	cellular lipid metabolic process	P	AT5G49950
11019	3	F23 vs. L23	F2-3 up	GO:0034613	Metabolism	Metabolism	cellular protein localization	P	AT5G06850
11020	3	F23 vs. L23	F2-3 up	GO:0006464	Metabolism	Metabolism	cellular protein modification process	P	AT5G07460
11021	3	F23 vs. L23	F2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G64390
11022	3	F23 vs. L23	F2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT2G32990
11023	3	F23 vs. L23	F2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT5G49720
11024	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT1G05850
11025	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G22125
11026	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G33100
11027	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G39770
11028	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT4G32410
11029	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT4G39350
11030	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G09870
11031	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G16910
11032	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G49720
11033	3	F23 vs. L23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G64740
11034	3	F23 vs. L23	F2-3 up	GO:0010215	Metabolism	Metabolism	cellulose microfibril organization	P	AT3G20580
11035	3	F23 vs. L23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT2G33100
11036	3	F23 vs. L23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT4G32410
11037	3	F23 vs. L23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT4G39350
11038	3	F23 vs. L23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT5G09870
11039	3	F23 vs. L23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT5G16910
11040	3	F23 vs. L23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT5G64740
11041	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT2G33100
11042	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G16590
11043	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G31590
11044	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G32410
11045	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G39350
11046	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT5G09870
11047	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT5G16910
11048	3	F23 vs. L23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT5G64740
11049	3	F23 vs. L23	F2-3 up	GO:0010330	Metabolism	Metabolism	cellulose synthase complex	C	AT5G64740
11050	3	F23 vs. L23	F2-3 up	GO:1902387	Metabolism	Metabolism	ceramide 1-phosphate binding	F	AT3G21260
11051	3	F23 vs. L23	F2-3 up	GO:1902388	Metabolism	Metabolism	ceramide 1-phosphate transfer activity	F	AT3G21260
11052	3	F23 vs. L23	F2-3 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G54250
11053	3	F23 vs. L23	F2-3 up	GO:0009715	Metabolism	Metabolism	chalcone biosynthetic process	P	AT5G13930
11054	3	F23 vs. L23	F2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT2G43570
11055	3	F23 vs. L23	F2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT2G43590
11056	3	F23 vs. L23	F2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT3G04720
11057	3	F23 vs. L23	F2-3 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT2G43570
11058	3	F23 vs. L23	F2-3 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT2G43590
11059	3	F23 vs. L23	F2-3 up	GO:0004103	Metabolism	Metabolism	choline kinase activity	F	AT1G71697
11060	3	F23 vs. L23	F2-3 up	GO:0009423	Metabolism	Metabolism	chorismate biosynthetic process	P	AT1G22410
11061	3	F23 vs. L23	F2-3 up	GO:0009800	Metabolism	Metabolism	cinnamic acid biosynthetic process	P	AT2G37040
11062	3	F23 vs. L23	F2-3 up	GO:0009801	Metabolism	Metabolism	cinnamic acid ester metabolic process	P	AT3G21560
11063	3	F23 vs. L23	F2-3 up	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT4G37990
11064	3	F23 vs. L23	F2-3 up	GO:0033961	Metabolism	Metabolism	cis-stilbene-oxide hydrolase activity	F	AT2G26740

11065	3	F23 vs. L23	F2-3 up	GO:0047782	Metabolism	Metabolism	coniferin beta-glucosidase activity	F	AT1G61820
11066	3	F23 vs. L23	F2-3 up	GO:0050269	Metabolism	Metabolism	coniferyl-aldehyde dehydrogenase activity	F	AT3G24503
11067	3	F23 vs. L23	F2-3 up	GO:0016531	Metabolism	Metabolism	copper chaperone activity	F	AT3G56240
11068	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G08830
11069	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G22840
11070	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G31490
11071	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G35720
11072	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G48030
11073	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G50940
11074	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G55570
11075	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G62380
11076	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G79440
11077	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G01520
11078	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G28190
11079	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G30860
11080	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G30970
11081	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G36880
11082	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G04120
11083	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13390
11084	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13930
11085	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G15353
11086	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G54660
11087	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G01850
11088	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G10040
11089	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G26970
11090	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G02380
11091	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G07440
11092	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G13490
11093	3	F23 vs. L23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G60020
11094	3	F23 vs. L23	F2-3 up	GO:0009805	Metabolism	Metabolism	coumarin biosynthetic process	P	AT2G40890
11095	3	F23 vs. L23	F2-3 up	GO:0009805	Metabolism	Metabolism	coumarin biosynthetic process	P	AT4G34050
11096	3	F23 vs. L23	F2-3 up	GO:0006723	Metabolism	Metabolism	cuticle hydrocarbon biosynthetic process	P	AT5G57800
11097	3	F23 vs. L23	F2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT1G02390
11098	3	F23 vs. L23	F2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT2G38110
11099	3	F23 vs. L23	F2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT3G10570
11100	3	F23 vs. L23	F2-3 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT4G38740
11101	3	F23 vs. L23	F2-3 up	GO:0004121	Metabolism	Metabolism	cystathionine beta-lyase activity	F	AT3G57050
11102	3	F23 vs. L23	F2-3 up	GO:0004123	Metabolism	Metabolism	cystathionine gamma-lyase activity	F	AT3G57050
11103	3	F23 vs. L23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT2G14750
11104	3	F23 vs. L23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT3G13110
11105	3	F23 vs. L23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G14880
11106	3	F23 vs. L23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G21990
11107	3	F23 vs. L23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G39940
11108	3	F23 vs. L23	F2-3 up	GO:0006535	Metabolism	Metabolism	cysteine biosynthetic process from serine	P	AT3G13110
11109	3	F23 vs. L23	F2-3 up	GO:0006535	Metabolism	Metabolism	cysteine biosynthetic process from serine	P	AT4G14880
11110	3	F23 vs. L23	F2-3 up	GO:0019343	Metabolism	Metabolism	cysteine biosynthetic process via cystathionine	P	AT3G57050
11111	3	F23 vs. L23	F2-3 up	GO:0004124	Metabolism	Metabolism	cysteine synthase activity	F	AT4G14880
11112	3	F23 vs. L23	F2-3 up	GO:0047804	Metabolism	Metabolism	cysteine-S-conjugate beta-lyase activity	F	AT3G57050
11113	3	F23 vs. L23	F2-3 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT5G45890
11114	3	F23 vs. L23	F2-3 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT5G60360
11115	3	F23 vs. L23	F2-3 up	GO:0004126	Metabolism	Metabolism	cytidine deaminase activity	F	AT2G19570
11116	3	F23 vs. L23	F2-3 up	GO:0009972	Metabolism	Metabolism	cytidine deamination	P	AT2G19570
11117	3	F23 vs. L23	F2-3 up	GO:0102485	Metabolism	Metabolism	dATP phosphohydrolase activity	F	AT5G18280
11118	3	F23 vs. L23	F2-3 up	GO:0102486	Metabolism	Metabolism	dCTP phosphohydrolase activity	F	AT5G18280
11119	3	F23 vs. L23	F2-3 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT1G10370
11120	3	F23 vs. L23	F2-3 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT4G38740

11121	3	F23 vs. L23	F2-3 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT5G23060
11122	3	F23 vs. L23	F2-3 up	GO:0045547	Metabolism	Metabolism	dehydrodolichyl diphosphate synthase activity	F	AT5G58770
11123	3	F23 vs. L23	F2-3 up	GO:0052637	Metabolism	Metabolism	delta 3-trans-hexadecenoic acid phosphatidylglycerol desaturase activity	F	AT4G27030
11124	3	F23 vs. L23	F2-3 up	GO:0047844	Metabolism	Metabolism	deoxycytidine deaminase activity	F	AT2G19570
11125	3	F23 vs. L23	F2-3 up	GO:0047364	Metabolism	Metabolism	desulfoglucosinolate sulfotransferase activity	F	AT1G74090
11126	3	F23 vs. L23	F2-3 up	GO:0046396	Metabolism	Metabolism	D-galacturonate metabolic process	P	AT3G10700
11127	3	F23 vs. L23	F2-3 up	GO:0102491	Metabolism	Metabolism	dGTP phosphohydrolase activity	F	AT5G18280
11128	3	F23 vs. L23	F2-3 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT1G54570
11129	3	F23 vs. L23	F2-3 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT5G37300
11130	3	F23 vs. L23	F2-3 up	GO:0019877	Metabolism	Metabolism	diaminopimelate biosynthetic process	P	AT5G52100
11131	3	F23 vs. L23	F2-3 up	GO:0045552	Metabolism	Metabolism	dihydrokaempferol 4-reductase activity	F	AT5G42800
11132	3	F23 vs. L23	F2-3 up	GO:0004148	Metabolism	Metabolism	dihydrolipoyl dehydrogenase activity	F	AT1G48030
11133	3	F23 vs. L23	F2-3 up	GO:0004742	Metabolism	Metabolism	dihydrolipoyllysine-residue acetyltransferase activity	F	AT3G13930
11134	3	F23 vs. L23	F2-3 up	GO:0050992	Metabolism	Metabolism	dimethylallyl diphosphate biosynthetic process	P	AT3G02780
11135	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G05010
11136	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G06640
11137	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G11840
11138	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G35190
11139	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G62380
11140	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT2G30830
11141	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT2G38240
11142	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G50210
11143	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G51240
11144	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G05600
11145	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G08640
11146	3	F23 vs. L23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G24530
11147	3	F23 vs. L23	F2-3 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT5G65760
11148	3	F23 vs. L23	F2-3 up	GO:0047334	Metabolism	Metabolism	diphosphate-fructose-6-phosphate 1-phosphotransferase activity	F	AT4G04040
11149	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G01250
11150	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G09250
11151	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G09340
11152	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G30330
11153	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G32640
11154	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G63650
11155	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G64800
11156	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G64860
11157	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G69120
11158	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G17950
11159	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G23760
11160	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G35940
11161	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G37630
11162	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G40140
11163	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G42200
11164	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G45190
11165	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G46820
11166	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G46830
11167	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G04120
11168	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G15030
11169	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G17310
11170	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G23290
11171	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G52800
11172	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G00480
11173	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G37180
11174	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G20240

11175	3	F23 vs. L23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G24120
11176	3	F23 vs. L23	F2-3 up	GO:0003913	Metabolism	Metabolism	DNA photolyase activity	F	AT2G47590
11177	3	F23 vs. L23	F2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12710
11178	3	F23 vs. L23	F2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT5G44680
11179	3	F23 vs. L23	F2-3 up	GO:0019408	Metabolism	Metabolism	dolichol biosynthetic process	P	AT5G58770
11180	3	F23 vs. L23	F2-3 up	GO:0008830	Metabolism	Metabolism	dTDP-4-dehydrorhamnose 3,5-epimerase activity	F	AT1G63000
11181	3	F23 vs. L23	F2-3 up	GO:0008831	Metabolism	Metabolism	dTDP-4-dehydrorhamnose reductase activity	F	AT1G63000
11182	3	F23 vs. L23	F2-3 up	GO:0008460	Metabolism	Metabolism	dTDP-glucose 4,6-dehydratase activity	F	AT1G53500
11183	3	F23 vs. L23	F2-3 up	GO:0008460	Metabolism	Metabolism	dTDP-glucose 4,6-dehydratase activity	F	AT1G78570
11184	3	F23 vs. L23	F2-3 up	GO:0019305	Metabolism	Metabolism	dTDP-rhamnose biosynthetic process	P	AT1G63000
11185	3	F23 vs. L23	F2-3 up	GO:0102488	Metabolism	Metabolism	dTTP phosphohydrolase activity	F	AT5G18280
11186	3	F23 vs. L23	F2-3 up	GO:0102487	Metabolism	Metabolism	dUTP phosphohydrolase activity	F	AT5G18280
11187	3	F23 vs. L23	F2-3 up	GO:0042732	Metabolism	Metabolism	D-xylose metabolic process	P	AT2G47650
11188	3	F23 vs. L23	F2-3 up	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT1G03050
11189	3	F23 vs. L23	F2-3 up	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT3G56960
11190	3	F23 vs. L23	F2-3 up	GO:0035671	Metabolism	Metabolism	enone reductase activity	F	AT1G23740
11191	3	F23 vs. L23	F2-3 up	GO:0008047	Metabolism	Metabolism	enzyme activator activity	F	AT1G50320
11192	3	F23 vs. L23	F2-3 up	GO:0008047	Metabolism	Metabolism	enzyme activator activity	F	AT3G15360
11193	3	F23 vs. L23	F2-3 up	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT1G78370
11194	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G10970
11195	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G47050
11196	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT3G15360
11197	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT4G24640
11198	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G50030
11199	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62350
11200	3	F23 vs. L23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62360
11201	3	F23 vs. L23	F2-3 up	GO:0004301	Metabolism	Metabolism	epoxide hydrolase activity	F	AT2G26740
11202	3	F23 vs. L23	F2-3 up	GO:0080082	Metabolism	Metabolism	esculin beta-glucosidase activity	F	AT3G18080
11203	3	F23 vs. L23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT1G61290
11204	3	F23 vs. L23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT3G03800
11205	3	F23 vs. L23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G13990
11206	3	F23 vs. L23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G59730
11207	3	F23 vs. L23	F2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT1G04400
11208	3	F23 vs. L23	F2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT2G34810
11209	3	F23 vs. L23	F2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT3G59970
11210	3	F23 vs. L23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G11050
11211	3	F23 vs. L23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G17790
11212	3	F23 vs. L23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT5G01600
11213	3	F23 vs. L23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G11050
11214	3	F23 vs. L23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G17790
11215	3	F23 vs. L23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT5G01600
11216	3	F23 vs. L23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G41830
11217	3	F23 vs. L23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G55570
11218	3	F23 vs. L23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G11050
11219	3	F23 vs. L23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13390
11220	3	F23 vs. L23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT5G01600
11221	3	F23 vs. L23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT5G60020
11222	3	F23 vs. L23	F2-3 up	GO:0047890	Metabolism	Metabolism	flavanone 4-reductase activity	F	AT5G42800
11223	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G48030
11224	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G50940
11225	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G62540
11226	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G62570
11227	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G09940
11228	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G44190
11229	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G52880
11230	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G54660

11231	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT4G37760
11232	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G24140
11233	3	F23 vs. L23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G53460
11234	3	F23 vs. L23	F2-3 up	GO:0072387	Metabolism	Metabolism	flavin adenine dinucleotide metabolic process	P	AT1G04400
11235	3	F23 vs. L23	F2-3 up	GO:0033759	Metabolism	Metabolism	flavone synthase activity	F	AT5G24530
11236	3	F23 vs. L23	F2-3 up	GO:0045431	Metabolism	Metabolism	flavonol synthase activity	F	AT5G08640
11237	3	F23 vs. L23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT2G06050
11238	3	F23 vs. L23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G14420
11239	3	F23 vs. L23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G45780
11240	3	F23 vs. L23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT5G53460
11241	3	F23 vs. L23	F2-3 up	GO:0046655	Metabolism	Metabolism	folic acid metabolic process	P	AT4G13930
11242	3	F23 vs. L23	F2-3 up	GO:0004328	Metabolism	Metabolism	formamidase activity	F	AT4G37550
11243	3	F23 vs. L23	F2-3 up	GO:0006004	Metabolism	Metabolism	fucose metabolic process	P	AT3G21190
11244	3	F23 vs. L23	F2-3 up	GO:0010392	Metabolism	Metabolism	galactoglucomannan metabolic process	P	AT2G22900
11245	3	F23 vs. L23	F2-3 up	GO:0004335	Metabolism	Metabolism	galactokinase activity	F	AT3G10700
11246	3	F23 vs. L23	F2-3 up	GO:0019375	Metabolism	Metabolism	galactolipid biosynthetic process	P	AT3G12780
11247	3	F23 vs. L23	F2-3 up	GO:0046480	Metabolism	Metabolism	galactolipid galactosyltransferase activity	F	AT3G06510
11248	3	F23 vs. L23	F2-3 up	GO:0019374	Metabolism	Metabolism	galactolipid metabolic process	P	AT3G54950
11249	3	F23 vs. L23	F2-3 up	GO:0051070	Metabolism	Metabolism	galactomannan biosynthetic process	P	AT2G22900
11250	3	F23 vs. L23	F2-3 up	GO:0005534	Metabolism	Metabolism	galactose binding	F	AT3G10700
11251	3	F23 vs. L23	F2-3 up	GO:0006012	Metabolism	Metabolism	galactose metabolic process	P	AT2G34850
11252	3	F23 vs. L23	F2-3 up	GO:0006012	Metabolism	Metabolism	galactose metabolic process	P	AT4G20460
11253	3	F23 vs. L23	F2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT2G22900
11254	3	F23 vs. L23	F2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT3G06510
11255	3	F23 vs. L23	F2-3 up	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT1G02790
11256	3	F23 vs. L23	F2-3 up	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT3G07850
11257	3	F23 vs. L23	F2-3 up	GO:0033481	Metabolism	Metabolism	galacturonate biosynthetic process	P	AT3G23820
11258	3	F23 vs. L23	F2-3 up	GO:0047912	Metabolism	Metabolism	galacturonokinase activity	F	AT3G10700
11259	3	F23 vs. L23	F2-3 up	GO:0003839	Metabolism	Metabolism	gamma-glutamylcyclotransferase activity	F	AT4G31290
11260	3	F23 vs. L23	F2-3 up	GO:0009298	Metabolism	Metabolism	GDP-mannose biosynthetic process	P	AT2G39770
11261	3	F23 vs. L23	F2-3 up	GO:0009298	Metabolism	Metabolism	GDP-mannose biosynthetic process	P	AT3G02570
11262	3	F23 vs. L23	F2-3 up	GO:0047259	Metabolism	Metabolism	glucomannan 4-beta-mannosyltransferase activity	F	AT4G16590
11263	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G16410
11264	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G62540
11265	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G62570
11266	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G74090
11267	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT2G43100
11268	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT3G19710
11269	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT3G58990
11270	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G12030
11271	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G13770
11272	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G23100
11273	3	F23 vs. L23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT5G14200
11274	3	F23 vs. L23	F2-3 up	GO:0102799	Metabolism	Metabolism	glucosinolate glucohydrolase activity	F	AT5G25980
11275	3	F23 vs. L23	F2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT4G30530
11276	3	F23 vs. L23	F2-3 up	GO:0030775	Metabolism	Metabolism	glucuronoxylan 4-O-methyltransferase activity	F	AT1G27930
11277	3	F23 vs. L23	F2-3 up	GO:0004349	Metabolism	Metabolism	glutamate 5-kinase activity	F	AT3G55610
11278	3	F23 vs. L23	F2-3 up	GO:0006537	Metabolism	Metabolism	glutamate biosynthetic process	P	AT5G04140
11279	3	F23 vs. L23	F2-3 up	GO:0006537	Metabolism	Metabolism	glutamate biosynthetic process	P	AT5G53460
11280	3	F23 vs. L23	F2-3 up	GO:0004351	Metabolism	Metabolism	glutamate decarboxylase activity	F	AT1G65960
11281	3	F23 vs. L23	F2-3 up	GO:0006540	Metabolism	Metabolism	glutamate decarboxylation to succinate	P	AT1G79440
11282	3	F23 vs. L23	F2-3 up	GO:0006536	Metabolism	Metabolism	glutamate metabolic process	P	AT1G65960
11283	3	F23 vs. L23	F2-3 up	GO:0016041	Metabolism	Metabolism	glutamate synthase (ferredoxin) activity	F	AT5G04140
11284	3	F23 vs. L23	F2-3 up	GO:0004350	Metabolism	Metabolism	glutamate-5-semialdehyde dehydrogenase activity	F	AT3G55610
11285	3	F23 vs. L23	F2-3 up	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT5G35630
11286	3	F23 vs. L23	F2-3 up	GO:0004357	Metabolism	Metabolism	glutamate-cysteine ligase activity	F	AT4G23100

11287	3	F23 vs. L23	F2-3 up	GO:0004359	Metabolism	Metabolism	glutaminase activity	F	AT5G01410
11288	3	F23 vs. L23	F2-3 up	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT5G35630
11289	3	F23 vs. L23	F2-3 up	GO:0008465	Metabolism	Metabolism	glycerate dehydrogenase activity	F	AT1G68010
11290	3	F23 vs. L23	F2-3 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT1G59730
11291	3	F23 vs. L23	F2-3 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT3G15360
11292	3	F23 vs. L23	F2-3 up	GO:0004370	Metabolism	Metabolism	glycerol kinase activity	F	AT1G80460
11293	3	F23 vs. L23	F2-3 up	GO:0006071	Metabolism	Metabolism	glycerol metabolic process	P	AT1G80460
11294	3	F23 vs. L23	F2-3 up	GO:0006071	Metabolism	Metabolism	glycerol metabolic process	P	AT5G58050
11295	3	F23 vs. L23	F2-3 up	GO:0090447	Metabolism	Metabolism	glycerol-3-phosphate 2-O-acyltransferase activity	F	AT1G02390
11296	3	F23 vs. L23	F2-3 up	GO:0090447	Metabolism	Metabolism	glycerol-3-phosphate 2-O-acyltransferase activity	F	AT2G38110
11297	3	F23 vs. L23	F2-3 up	GO:0046167	Metabolism	Metabolism	glycerol-3-phosphate biosynthetic process	P	AT1G80460
11298	3	F23 vs. L23	F2-3 up	GO:0004366	Metabolism	Metabolism	glycerol-3-phosphate O-acyltransferase activity	F	AT1G02390
11299	3	F23 vs. L23	F2-3 up	GO:0008889	Metabolism	Metabolism	glycerophosphodiester phosphodiesterase activity	F	AT5G58050
11300	3	F23 vs. L23	F2-3 up	GO:0016594	Metabolism	Metabolism	glycine binding	F	AT4G33010
11301	3	F23 vs. L23	F2-3 up	GO:0006545	Metabolism	Metabolism	glycine biosynthetic process	P	AT1G23310
11302	3	F23 vs. L23	F2-3 up	GO:0019264	Metabolism	Metabolism	glycine biosynthetic process from serine	P	AT4G13930
11303	3	F23 vs. L23	F2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT2G35370
11304	3	F23 vs. L23	F2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT4G33010
11305	3	F23 vs. L23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT1G11860
11306	3	F23 vs. L23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT2G35370
11307	3	F23 vs. L23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT4G33010
11308	3	F23 vs. L23	F2-3 up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT2G35370
11309	3	F23 vs. L23	F2-3 up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT4G33010
11310	3	F23 vs. L23	F2-3 up	GO:0004372	Metabolism	Metabolism	glycine hydroxymethyltransferase activity	F	AT4G13930
11311	3	F23 vs. L23	F2-3 up	GO:0006544	Metabolism	Metabolism	glycine metabolic process	P	AT4G13930
11312	3	F23 vs. L23	F2-3 up	GO:0047958	Metabolism	Metabolism	glycine:2-oxoglutarate aminotransferase activity	F	AT1G23310
11313	3	F23 vs. L23	F2-3 up	GO:0047958	Metabolism	Metabolism	glycine:2-oxoglutarate aminotransferase activity	F	AT1G70580
11314	3	F23 vs. L23	F2-3 up	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT1G70730
11315	3	F23 vs. L23	F2-3 up	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT5G19220
11316	3	F23 vs. L23	F2-3 up	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT5G48300
11317	3	F23 vs. L23	F2-3 up	GO:0005977	Metabolism	Metabolism	glycogen metabolic process	P	AT3G03250
11318	3	F23 vs. L23	F2-3 up	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT3G29360
11319	3	F23 vs. L23	F2-3 up	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT5G15490
11320	3	F23 vs. L23	F2-3 up	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT5G39320
11321	3	F23 vs. L23	F2-3 up	GO:0019172	Metabolism	Metabolism	glyoxalase III activity	F	AT1G53280
11322	3	F23 vs. L23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT2G34850
11323	3	F23 vs. L23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT2G47650
11324	3	F23 vs. L23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT3G23820
11325	3	F23 vs. L23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT4G20460
11326	3	F23 vs. L23	F2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT3G45100
11327	3	F23 vs. L23	F2-3 up	GO:0010597	Metabolism	Metabolism	green leaf volatile biosynthetic process	P	AT3G03480
11328	3	F23 vs. L23	F2-3 up	GO:0010597	Metabolism	Metabolism	green leaf volatile biosynthetic process	P	AT3G45140
11329	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G64740
11330	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G15310
11331	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G18390
11332	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G21880
11333	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G22450
11334	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G39770
11335	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G45770
11336	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G07050
11337	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G21700
11338	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G61760
11339	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G62290
11340	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G17170
11341	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G17530
11342	3	F23 vs. L23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G20360

11343	3	F23 vs. L23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G07940
11344	3	F23 vs. L23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G09550
11345	3	F23 vs. L23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G54780
11346	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G64740
11347	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G18390
11348	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G21880
11349	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G45770
11350	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G21700
11351	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G61760
11352	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G17170
11353	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G17530
11354	3	F23 vs. L23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G20360
11355	3	F23 vs. L23	F2-3 up	GO:0106046	Metabolism	Metabolism	guanine deglycation, glyoxal removal	P	AT1G53280
11356	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G01600
11357	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G16410
11358	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G20620
11359	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G22840
11360	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G58265
11361	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G63710
11362	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G15620
11363	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G24180
11364	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G30490
11365	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G37970
11366	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G40000
11367	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G40890
11368	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G41480
11369	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G01420
11370	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G10570
11371	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G14620
11372	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G48520
11373	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G49110
11374	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G61880
11375	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G00360
11376	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G10040
11377	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G13770
11378	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G15440
11379	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G19230
11380	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37430
11381	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39480
11382	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39510
11383	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39730
11384	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G25120
11385	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G36220
11386	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G47000
11387	3	F23 vs. L23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G51890
11388	3	F23 vs. L23	F2-3 up	GO:0010297	Metabolism	Metabolism	heteropolysaccharide binding	F	AT1G09340
11389	3	F23 vs. L23	F2-3 up	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT1G78240
11390	3	F23 vs. L23	F2-3 up	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT3G25140
11391	3	F23 vs. L23	F2-3 up	GO:0010394	Metabolism	Metabolism	homogalacturonan metabolic process	P	AT5G65810
11392	3	F23 vs. L23	F2-3 up	GO:0004411	Metabolism	Metabolism	homogentisate 1,2-dioxygenase activity	F	AT5G54080
11393	3	F23 vs. L23	F2-3 up	GO:0009090	Metabolism	Metabolism	homoserine biosynthetic process	P	AT5G14060
11394	3	F23 vs. L23	F2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT2G14750
11395	3	F23 vs. L23	F2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT3G22890
11396	3	F23 vs. L23	F2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT4G39940
11397	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G33290
11398	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G56500

11399	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G80280
11400	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G16750
11401	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G32150
11402	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G41250
11403	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G45610
11404	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G02780
11405	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G10420
11406	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G17020
11407	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G19970
11408	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G48420
11409	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G50620
11410	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G31230
11411	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G32260
11412	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G38510
11413	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G39955
11414	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G12000
11415	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G49950
11416	3	F23 vs. L23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G59480
11417	3	F23 vs. L23	F2-3 up	GO:0016811	Metabolism	Metabolism	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	F	AT4G37550
11418	3	F23 vs. L23	F2-3 up	GO:0016811	Metabolism	Metabolism	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	F	AT4G37560
11419	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G58430
11420	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT3G16370
11421	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT3G48610
11422	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT3G53100
11423	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G28780
11424	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT5G17670
11425	3	F23 vs. L23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT5G33370
11426	3	F23 vs. L23	F2-3 up	GO:0016799	Metabolism	Metabolism	hydrolase activity, hydrolyzing N-glycosyl compounds	F	AT2G28305
11427	3	F23 vs. L23	F2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G04010
11428	3	F23 vs. L23	F2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT5G57560
11429	3	F23 vs. L23	F2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT5G65730
11430	3	F23 vs. L23	F2-3 up	GO:0016618	Metabolism	Metabolism	hydroxypyruvate reductase activity	F	AT1G68010
11431	3	F23 vs. L23	F2-3 up	GO:0102953	Metabolism	Metabolism	hypoglycin A gamma-glutamyl transpeptidase activity	F	AT4G39640
11432	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G04400
11433	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G14750
11434	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G30490
11435	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G40890
11436	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G11050
11437	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G45780
11438	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G11280
11439	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G31800
11440	3	F23 vs. L23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G01600
11441	3	F23 vs. L23	F2-3 up	GO:0006188	Metabolism	Metabolism	IMP biosynthetic process	P	AT2G38280
11442	3	F23 vs. L23	F2-3 up	GO:0080071	Metabolism	Metabolism	indol-3-yl-methyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
11443	3	F23 vs. L23	F2-3 up	GO:0009759	Metabolism	Metabolism	indole glucosinolate biosynthetic process	P	AT1G32640
11444	3	F23 vs. L23	F2-3 up	GO:0042343	Metabolism	Metabolism	indole glucosinolate metabolic process	P	AT4G37430
11445	3	F23 vs. L23	F2-3 up	GO:0009700	Metabolism	Metabolism	indole phytoalexin biosynthetic process	P	AT4G23100
11446	3	F23 vs. L23	F2-3 up	GO:0052638	Metabolism	Metabolism	indole-3-butyrate beta-glucosyltransferase activity	F	AT2G31750

11447	3	F23 vs. L23	F2-3 up	GO:0042430	Metabolism	Metabolism	indole-containing compound metabolic process	P	AT2G24180
11448	3	F23 vs. L23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT2G46860
11449	3	F23 vs. L23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT4G01480
11450	3	F23 vs. L23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT5G09650
11451	3	F23 vs. L23	F2-3 up	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT2G22240
11452	3	F23 vs. L23	F2-3 up	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT4G39800
11453	3	F23 vs. L23	F2-3 up	GO:0000822	Metabolism	Metabolism	inositol hexakisphosphate binding	F	AT2G03240
11454	3	F23 vs. L23	F2-3 up	GO:0000822	Metabolism	Metabolism	inositol hexakisphosphate binding	F	AT3G29060
11455	3	F23 vs. L23	F2-3 up	GO:0004512	Metabolism	Metabolism	inositol-3-phosphate synthase activity	F	AT2G22240
11456	3	F23 vs. L23	F2-3 up	GO:0004512	Metabolism	Metabolism	inositol-3-phosphate synthase activity	F	AT4G39800
11457	3	F23 vs. L23	F2-3 up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G11050
11458	3	F23 vs. L23	F2-3 up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT5G01600
11459	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G01600
11460	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G16410
11461	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G58265
11462	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G63710
11463	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G69640
11464	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G24180
11465	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G30490
11466	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G40890
11467	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G42750
11468	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G10570
11469	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G11050
11470	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G14620
11471	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G48520
11472	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G61880
11473	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G00360
11474	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G13770
11475	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G15440
11476	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G19230
11477	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G26260
11478	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G37430
11479	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G39480
11480	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G39510
11481	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G01600
11482	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G25120
11483	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G36220
11484	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G53460
11485	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G57800
11486	3	F23 vs. L23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G60600
11487	3	F23 vs. L23	F2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT4G04770
11488	3	F23 vs. L23	F2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT2G29630
11489	3	F23 vs. L23	F2-3 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT1G78570
11490	3	F23 vs. L23	F2-3 up	GO:0009240	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process	P	AT3G02780
11491	3	F23 vs. L23	F2-3 up	GO:0019288	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, methylerythritol 4-phosphate pathway	P	AT5G60600
11492	3	F23 vs. L23	F2-3 up	GO:0019287	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, mevalonate pathway	P	AT1G76490
11493	3	F23 vs. L23	F2-3 up	GO:0004452	Metabolism	Metabolism	isopentenyl-diphosphate delta-isomerase activity	F	AT3G02780
11494	3	F23 vs. L23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT1G76490
11495	3	F23 vs. L23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT2G17370
11496	3	F23 vs. L23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT3G02780
11497	3	F23 vs. L23	F2-3 up	GO:0052694	Metabolism	Metabolism	jasmonoyl-isoleucine-12-hydroxylase activity	F	AT3G48520
11498	3	F23 vs. L23	F2-3 up	GO:0008911	Metabolism	Metabolism	lactaldehyde dehydrogenase activity	F	AT2G24270
11499	3	F23 vs. L23	F2-3 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT3G14420
11500	3	F23 vs. L23	F2-3 up	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G23310

11501	3	F23 vs. L23	F2-3 up	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G70580
11502	3	F23 vs. L23	F2-3 up	GO:0004069	Metabolism	Metabolism	L-aspartate:2-oxoglutarate aminotransferase activity	F	AT2G30970
11503	3	F23 vs. L23	F2-3 up	GO:0004069	Metabolism	Metabolism	L-aspartate:2-oxoglutarate aminotransferase activity	F	AT5G11520
11504	3	F23 vs. L23	F2-3 up	GO:0009098	Metabolism	Metabolism	leucine biosynthetic process	P	AT2G43100
11505	3	F23 vs. L23	F2-3 up	GO:0009098	Metabolism	Metabolism	leucine biosynthetic process	P	AT3G58990
11506	3	F23 vs. L23	F2-3 up	GO:0009098	Metabolism	Metabolism	leucine biosynthetic process	P	AT5G14200
11507	3	F23 vs. L23	F2-3 up	GO:0103068	Metabolism	Metabolism	leukotriene C4 gamma-glutamyl transferase activity	F	AT4G39640
11508	3	F23 vs. L23	F2-3 up	GO:0097054	Metabolism	Metabolism	L-glutamate biosynthetic process	P	AT5G04140
11509	3	F23 vs. L23	F2-3 up	GO:0097054	Metabolism	Metabolism	L-glutamate biosynthetic process	P	AT5G53460
11510	3	F23 vs. L23	F2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT3G01060
11511	3	F23 vs. L23	F2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT5G63380
11512	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT1G05850
11513	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT1G12840
11514	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT1G61820
11515	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT2G36880
11516	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT2G40890
11517	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT3G17390
11518	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G01070
11519	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G34050
11520	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G37990
11521	3	F23 vs. L23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G60020
11522	3	F23 vs. L23	F2-3 up	GO:0009808	Metabolism	Metabolism	lignin metabolic process	P	AT2G30490
11523	3	F23 vs. L23	F2-3 up	GO:0009808	Metabolism	Metabolism	lignin metabolic process	P	AT2G41480
11524	3	F23 vs. L23	F2-3 up	GO:0016165	Metabolism	Metabolism	linoleate 13S-lipoxygenase activity	F	AT1G17420
11525	3	F23 vs. L23	F2-3 up	GO:0016165	Metabolism	Metabolism	linoleate 13S-lipoxygenase activity	F	AT1G72520
11526	3	F23 vs. L23	F2-3 up	GO:0016165	Metabolism	Metabolism	linoleate 13S-lipoxygenase activity	F	AT3G45140
11527	3	F23 vs. L23	F2-3 up	GO:1990136	Metabolism	Metabolism	linoleate 9S-lipoxygenase activity	F	AT3G22400
11528	3	F23 vs. L23	F2-3 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT1G75880
11529	3	F23 vs. L23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G21260
11530	3	F23 vs. L23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G51600
11531	3	F23 vs. L23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G54800
11532	3	F23 vs. L23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G07550
11533	3	F23 vs. L23	F2-3 up	GO:0008610	Metabolism	Metabolism	lipid biosynthetic process	P	AT5G57800
11534	3	F23 vs. L23	F2-3 up	GO:0034389	Metabolism	Metabolism	lipid droplet organization	P	AT3G05500
11535	3	F23 vs. L23	F2-3 up	GO:0030259	Metabolism	Metabolism	lipid glycosylation	P	AT5G04500
11536	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G09430
11537	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G60810
11538	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G62290
11539	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT3G01420
11540	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT4G04460
11541	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G16010
11542	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G55340
11543	3	F23 vs. L23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G58050
11544	3	F23 vs. L23	F2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT3G05500
11545	3	F23 vs. L23	F2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT5G07550
11546	3	F23 vs. L23	F2-3 up	GO:0031405	Metabolism	Metabolism	lipoic acid binding	F	AT3G13930
11547	3	F23 vs. L23	F2-3 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT3G14420
11548	3	F23 vs. L23	F2-3 up	GO:0062045	Metabolism	Metabolism	L-lysine alpha-aminotransferase	F	AT2G13810
11549	3	F23 vs. L23	F2-3 up	GO:0019279	Metabolism	Metabolism	L-methionine biosynthetic process from L-homoserine via cystathionine	P	AT3G57050
11550	3	F23 vs. L23	F2-3 up	GO:0036456	Metabolism	Metabolism	L-methionine-(S)-S-oxide reductase activity	F	AT5G07460
11551	3	F23 vs. L23	F2-3 up	GO:0033744	Metabolism	Metabolism	L-methionine:thioredoxin-disulfide S-oxidoreductase activity	F	AT5G07460
11552	3	F23 vs. L23	F2-3 up	GO:0009094	Metabolism	Metabolism	L-phenylalanine biosynthetic process	P	AT5G22630

11553	3	F23 vs. L23	F2-3 up	GO:0062034	Metabolism	Metabolism	L-pipecolic acid biosynthetic process	P	AT2G13810
11554	3	F23 vs. L23	F2-3 up	GO:0055129	Metabolism	Metabolism	L-proline biosynthetic process	P	AT3G55610
11555	3	F23 vs. L23	F2-3 up	GO:0004838	Metabolism	Metabolism	L-tyrosine:2-oxoglutarate aminotransferase activity	F	AT5G36160
11556	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G44000
11557	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G02990
11558	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07820
11559	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07830
11560	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07840
11561	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G48140
11562	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G55720
11563	3	F23 vs. L23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G63180
11564	3	F23 vs. L23	F2-3 up	GO:0009089	Metabolism	Metabolism	lysine biosynthetic process via diaminopimelate	P	AT5G14060
11565	3	F23 vs. L23	F2-3 up	GO:0009089	Metabolism	Metabolism	lysine biosynthetic process via diaminopimelate	P	AT5G52100
11566	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G51420
11567	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G54280
11568	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G70730
11569	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G24210
11570	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G35840
11571	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G46860
11572	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G09810
11573	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT4G01480
11574	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G09650
11575	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G14200
11576	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G56350
11577	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G57350
11578	3	F23 vs. L23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G63680
11579	3	F23 vs. L23	F2-3 up	GO:0016034	Metabolism	Metabolism	maleylacetoacetate isomerase activity	F	AT2G02390
11580	3	F23 vs. L23	F2-3 up	GO:0102216	Metabolism	Metabolism	maltodextrin water dikinase	F	AT4G24450
11581	3	F23 vs. L23	F2-3 up	GO:0000024	Metabolism	Metabolism	maltose biosynthetic process	P	AT4G17090
11582	3	F23 vs. L23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT1G72610
11583	3	F23 vs. L23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT3G05930
11584	3	F23 vs. L23	F2-3 up	GO:0010412	Metabolism	Metabolism	mannan metabolic process	P	AT3G21190
11585	3	F23 vs. L23	F2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT2G33100
11586	3	F23 vs. L23	F2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT3G21190
11587	3	F23 vs. L23	F2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT4G16590
11588	3	F23 vs. L23	F2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT5G16910
11589	3	F23 vs. L23	F2-3 up	GO:0004475	Metabolism	Metabolism	mannose-1-phosphate guanylyltransferase activity	F	AT2G39770
11590	3	F23 vs. L23	F2-3 up	GO:0004476	Metabolism	Metabolism	mannose-6-phosphate isomerase activity	F	AT3G02570
11591	3	F23 vs. L23	F2-3 up	GO:0097502	Metabolism	Metabolism	mannosylation	P	AT3G21190
11592	3	F23 vs. L23	F2-3 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14420
11593	3	F23 vs. L23	F2-3 up	GO:0046467	Metabolism	Metabolism	membrane lipid biosynthetic process	P	AT3G07700
11594	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G04400
11595	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G05010
11596	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G06640
11597	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G10960
11598	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G11840
11599	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G17420
11600	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G19150
11601	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G20823
11602	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G35190
11603	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G45474
11604	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G47570
11605	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G50250
11606	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G51090
11607	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G56500
11608	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G71050

11609	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G72520
11610	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G75690
11611	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G80660
11612	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G07560
11613	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G15620
11614	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G16430
11615	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22450
11616	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22950
11617	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G24820
11618	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G25740
11619	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G29630
11620	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G30020
11621	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G30830
11622	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G31830
11623	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G38240
11624	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G38280
11625	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40000
11626	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40140
11627	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G41480
11628	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G41630
11629	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42200
11630	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45190
11631	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45770
11632	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45800
11633	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G46210
11634	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G01420
11635	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02750
11636	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02770
11637	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02780
11638	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G03420
11639	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G05580
11640	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G07940
11641	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G08990
11642	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G10700
11643	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G11410
11644	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12620
11645	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G16800
11646	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G17390
11647	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G17611
11648	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G18080
11649	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G19980
11650	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G21180
11651	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22370
11652	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22400
11653	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24670
11654	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G25290
11655	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G42640
11656	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G45140
11657	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G46620
11658	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G48420
11659	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G49110
11660	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G50210
11661	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G51240
11662	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55800
11663	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G57330
11664	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G60330

11665	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G61230
11666	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G03280
11667	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G15530
11668	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G15700
11669	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G21990
11670	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24450
11671	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24890
11672	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G31750
11673	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32410
11674	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G34050
11675	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G35060
11676	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G39350
11677	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04140
11678	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04500
11679	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05600
11680	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05730
11681	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G08640
11682	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G09870
11683	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G14660
11684	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G16450
11685	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G17450
11686	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G18600
11687	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G20700
11688	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G22250
11689	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G22580
11690	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24530
11691	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G35735
11692	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G43380
11693	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47000
11694	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47650
11695	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G51720
11696	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G51890
11697	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G54080
11698	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G55720
11699	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G61410
11700	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G63180
11701	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G64740
11702	3	F23 vs. L23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G66070
11703	3	F23 vs. L23	F2-3 up	GO:0070006	Metabolism	Metabolism	metalloaminopeptidase activity	F	AT5G04710
11704	3	F23 vs. L23	F2-3 up	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT2G36880
11705	3	F23 vs. L23	F2-3 up	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT3G17390
11706	3	F23 vs. L23	F2-3 up	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT4G01850
11707	3	F23 vs. L23	F2-3 up	GO:0009086	Metabolism	Metabolism	methionine biosynthetic process	P	AT3G59970
11708	3	F23 vs. L23	F2-3 up	GO:0006555	Metabolism	Metabolism	methionine metabolic process	P	AT3G17390
11709	3	F23 vs. L23	F2-3 up	GO:0006555	Metabolism	Metabolism	methionine metabolic process	P	AT4G14710
11710	3	F23 vs. L23	F2-3 up	GO:0010326	Metabolism	Metabolism	methionine-oxo-acid transaminase activity	F	AT3G19710
11711	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G04430
11712	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G13860
11713	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G27930
11714	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G31850
11715	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G33170
11716	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G78240
11717	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G27590
11718	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G41380
11719	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G17310
11720	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G23300

11721	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G27230
11722	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G51070
11723	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G10440
11724	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G17080
11725	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G19120
11726	3	F23 vs. L23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G65810
11727	3	F23 vs. L23	F2-3 up	GO:0000146	Metabolism	Metabolism	microfilament motor activity	F	AT1G54560
11728	3	F23 vs. L23	F2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G43210
11729	3	F23 vs. L23	F2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G61760
11730	3	F23 vs. L23	F2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G27000
11731	3	F23 vs. L23	F2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G65460
11732	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G03620
11733	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G04670
11734	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12250
11735	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12320
11736	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G13970
11737	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G16290
11738	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G17360
11739	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G19610
11740	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21010
11741	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21060
11742	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G22750
11743	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G23710
11744	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G24520
11745	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G27850
11746	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G29140
11747	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G31750
11748	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47980
11749	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G49800
11750	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G63060
11751	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G63930
11752	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G64140
11753	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G68440
11754	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G68610
11755	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70780
11756	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G72240
11757	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G73390
11758	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74450
11759	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74510
11760	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74670
11761	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75160
11762	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75800
11763	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G78780
11764	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G04039
11765	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G05530
11766	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G07708
11767	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G13350
11768	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G14900
11769	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17840
11770	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19980
11771	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20320
11772	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20870
11773	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G24450
11774	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G36020
11775	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G38640
11776	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G39210

11777	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G39650
11778	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46140
11779	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46300
11780	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03160
11781	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G04360
11782	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G06035
11783	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G06780
11784	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G08610
11785	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G10985
11786	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G13845
11787	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G15400
11788	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17800
11789	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17930
11790	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20220
11791	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20865
11792	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G24506
11793	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G27090
11794	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50910
11795	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G56360
11796	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G00880
11797	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G02380
11798	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G04980
11799	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G11760
11800	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G12410
11801	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13230
11802	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13560
11803	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G14615
11804	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G18920
11805	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24930
11806	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G27435
11807	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29780
11808	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G30460
11809	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G30996
11810	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G31080
11811	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G31330
11812	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G32020
11813	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G01430
11814	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11070
11815	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11420
11816	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G15460
11817	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G22430
11818	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G26060
11819	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38660
11820	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38760
11821	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G39210
11822	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G41810
11823	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G42680
11824	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G44300
11825	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G45350
11826	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46200
11827	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G50720
11828	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53590
11829	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53820
11830	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G55620
11831	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G55960
11832	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G57785

11833	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G61710
11834	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G62750
11835	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G64400
11836	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G65650
11837	3	F23 vs. L23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G67370
11838	3	F23 vs. L23	F2-3 up	GO:0030366	Metabolism	Metabolism	molybdopterin synthase activity	F	AT2G43760
11839	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT2G24180
11840	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT2G40890
11841	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G14620
11842	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G61880
11843	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G15440
11844	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G19230
11845	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G37430
11846	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G39480
11847	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G39510
11848	3	F23 vs. L23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G38420
11849	3	F23 vs. L23	F2-3 up	GO:0005996	Metabolism	Metabolism	monosaccharide metabolic process	P	AT1G09340
11850	3	F23 vs. L23	F2-3 up	GO:0016099	Metabolism	Metabolism	monoterpenoid biosynthetic process	P	AT2G24210
11851	3	F23 vs. L23	F2-3 up	GO:0005451	Metabolism	Metabolism	monovalent cation:proton antiporter activity	F	AT3G17630
11852	3	F23 vs. L23	F2-3 up	GO:0005451	Metabolism	Metabolism	monovalent cation:proton antiporter activity	F	AT5G01690
11853	3	F23 vs. L23	F2-3 up	GO:0003774	Metabolism	Metabolism	motor activity	F	AT1G54560
11854	3	F23 vs. L23	F2-3 up	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT1G53500
11855	3	F23 vs. L23	F2-3 up	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT2G22900
11856	3	F23 vs. L23	F2-3 up	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT5G09870
11857	3	F23 vs. L23	F2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT1G21070
11858	3	F23 vs. L23	F2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT1G63930
11859	3	F23 vs. L23	F2-3 up	GO:0048358	Metabolism	Metabolism	mucilage pectin biosynthetic process	P	AT5G15470
11860	3	F23 vs. L23	F2-3 up	GO:0010264	Metabolism	Metabolism	myo-inositol hexakisphosphate biosynthetic process	P	AT2G22240
11861	3	F23 vs. L23	F2-3 up	GO:0010264	Metabolism	Metabolism	myo-inositol hexakisphosphate biosynthetic process	P	AT4G39800
11862	3	F23 vs. L23	F2-3 up	GO:0050551	Metabolism	Metabolism	myrcene synthase activity	F	AT2G24210
11863	3	F23 vs. L23	F2-3 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G62540
11864	3	F23 vs. L23	F2-3 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G62570
11865	3	F23 vs. L23	F2-3 up	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT3G51240
11866	3	F23 vs. L23	F2-3 up	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT5G08640
11867	3	F23 vs. L23	F2-3 up	GO:0016210	Metabolism	Metabolism	naringenin-chalcone synthase activity	F	AT5G13930
11868	3	F23 vs. L23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G12110
11869	3	F23 vs. L23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G68570
11870	3	F23 vs. L23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT2G15620
11871	3	F23 vs. L23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT2G26690
11872	3	F23 vs. L23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT3G21670
11873	3	F23 vs. L23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G53460
11874	3	F23 vs. L23	F2-3 up	GO:0009671	Metabolism	Metabolism	nitrate:proton symporter activity	F	AT5G40890
11875	3	F23 vs. L23	F2-3 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT1G65960
11876	3	F23 vs. L23	F2-3 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT5G11520
11877	3	F23 vs. L23	F2-3 up	GO:0006607	Metabolism	Metabolism	NLS-bearing protein import into nucleus	P	AT4G16143
11878	3	F23 vs. L23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT1G72610
11879	3	F23 vs. L23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT3G05930
11880	3	F23 vs. L23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G24780
11881	3	F23 vs. L23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G25610
11882	3	F23 vs. L23	F2-3 up	GO:0016413	Metabolism	Metabolism	O-acetyltransferase activity	F	AT2G30010
11883	3	F23 vs. L23	F2-3 up	GO:0016413	Metabolism	Metabolism	O-acetyltransferase activity	F	AT3G28150
11884	3	F23 vs. L23	F2-3 up	GO:0009924	Metabolism	Metabolism	octadecanal decarbonylase activity	F	AT5G57800

11885	3	F23 vs. L23	F2-3 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT3G61990
11886	3	F23 vs. L23	F2-3 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT4G35150
11887	3	F23 vs. L23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT2G36880
11888	3	F23 vs. L23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT3G17390
11889	3	F23 vs. L23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT3G23810
11890	3	F23 vs. L23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G01850
11891	3	F23 vs. L23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G13930
11892	3	F23 vs. L23	F2-3 up	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT3G02770
11893	3	F23 vs. L23	F2-3 up	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT5G16450
11894	3	F23 vs. L23	F2-3 up	GO:0006107	Metabolism	Metabolism	oxaloacetate metabolic process	P	AT5G58330
11895	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01090
11896	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01600
11897	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G05010
11898	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06090
11899	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06640
11900	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06690
11901	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G08830
11902	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G11840
11903	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G16410
11904	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G19550
11905	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G20020
11906	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G20620
11907	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G23740
11908	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G23800
11909	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G31490
11910	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G35190
11911	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G42970
11912	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G44170
11913	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G50320
11914	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G51410
11915	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G53500
11916	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55570
11917	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G57770
11918	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G58265
11919	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G58290
11920	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G59730
11921	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G62380
11922	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G62540
11923	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G62570
11924	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G63000
11925	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G63710
11926	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G64060
11927	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G68010
11928	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G69640
11929	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G71500
11930	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76080
11931	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76490
11932	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G78570
11933	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G79440
11934	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G02390
11935	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G06050
11936	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G15620
11937	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G17370
11938	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24180
11939	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24270
11940	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24820

11941	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G28190
11942	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G29980
11943	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G30490
11944	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G30830
11945	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G30860
11946	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G31360
11947	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G31570
11948	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G34810
11949	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37240
11950	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37760
11951	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37770
11952	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G38240
11953	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G40890
11954	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G41480
11955	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G46210
11956	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G04120
11957	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G08610
11958	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G09940
11959	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G10570
11960	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G11050
11961	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G11170
11962	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G11630
11963	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13390
11964	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G14620
11965	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G15360
11966	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G17790
11967	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G22370
11968	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G24503
11969	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G25290
11970	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G26060
11971	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G26650
11972	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G29360
11973	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48170
11974	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48520
11975	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G49110
11976	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50210
11977	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50560
11978	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G51240
11979	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G52880
11980	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55610
11981	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G59970
11982	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G61220
11983	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G61880
11984	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G00360
11985	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G11600
11986	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G13770
11987	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G14710
11988	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G15440
11989	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G19230
11990	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G20760
11991	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G21990
11992	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G22870
11993	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G26260
11994	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G27030
11995	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G30470
11996	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G33010

11997	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36250
11998	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37430
11999	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37760
12000	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37990
12001	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39480
12002	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39510
12003	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39730
12004	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G01600
12005	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G04140
12006	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G05600
12007	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G07440
12008	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G07460
12009	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G08640
12010	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G14200
12011	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G15490
12012	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24140
12013	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24530
12014	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G25120
12015	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G35735
12016	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G36220
12017	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G38420
12018	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G39320
12019	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42800
12020	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47000
12021	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47890
12022	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47910
12023	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G50850
12024	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G51890
12025	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G52100
12026	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G53460
12027	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G54080
12028	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G57800
12029	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G58260
12030	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G60020
12031	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G60600
12032	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG00420
12033	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG01100
12034	3	F23 vs. L23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATMG00650
12035	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT1G17420
12036	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT1G72520
12037	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT2G06050
12038	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT3G01420
12039	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT3G22400
12040	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT3G45140
12041	3	F23 vs. L23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT5G63380
12042	3	F23 vs. L23	F2-3 up	GO:0046409	Metabolism	Metabolism	p-coumarate 3-hydroxylase activity	F	AT2G40890
12043	3	F23 vs. L23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G24670
12044	3	F23 vs. L23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G55720
12045	3	F23 vs. L23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G63180
12046	3	F23 vs. L23	F2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT3G05910
12047	3	F23 vs. L23	F2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT4G19410
12048	3	F23 vs. L23	F2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT4G19420
12049	3	F23 vs. L23	F2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT5G45280
12050	3	F23 vs. L23	F2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G25140
12051	3	F23 vs. L23	F2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT5G65810
12052	3	F23 vs. L23	F2-3 up	GO:0045488	Metabolism	Metabolism	pectin metabolic process	P	AT5G65810

12053	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G45220
12054	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G05620
12055	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G14310
12056	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G17060
12057	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G43270
12058	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G62170
12059	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT4G33220
12060	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07430
12061	3	F23 vs. L23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G53370
12062	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G45220
12063	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G05620
12064	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G14310
12065	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G43270
12066	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G62170
12067	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT4G33220
12068	3	F23 vs. L23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT5G53370
12069	3	F23 vs. L23	F2-3 up	GO:0042277	Metabolism	Metabolism	peptide binding	F	AT1G72180
12070	3	F23 vs. L23	F2-3 up	GO:0000048	Metabolism	Metabolism	peptidyltransferase activity	F	AT4G39640
12071	3	F23 vs. L23	F2-3 up	GO:0045548	Metabolism	Metabolism	phenylalanine ammonia-lyase activity	F	AT2G37040
12072	3	F23 vs. L23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G30490
12073	3	F23 vs. L23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G37040
12074	3	F23 vs. L23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G40890
12075	3	F23 vs. L23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT3G21230
12076	3	F23 vs. L23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT3G24503
12077	3	F23 vs. L23	F2-3 up	GO:0009698	Metabolism	Metabolism	phenylpropanoid metabolic process	P	AT2G30490
12078	3	F23 vs. L23	F2-3 up	GO:0009698	Metabolism	Metabolism	phenylpropanoid metabolic process	P	AT5G60020
12079	3	F23 vs. L23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT2G46860
12080	3	F23 vs. L23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT4G01480
12081	3	F23 vs. L23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT5G09650
12082	3	F23 vs. L23	F2-3 up	GO:0006656	Metabolism	Metabolism	phosphatidylcholine biosynthetic process	P	AT1G48600
12083	3	F23 vs. L23	F2-3 up	GO:0046471	Metabolism	Metabolism	phosphatidylglycerol metabolic process	P	AT4G27030
12084	3	F23 vs. L23	F2-3 up	GO:0035091	Metabolism	Metabolism	phosphatidylinositol binding	F	AT3G54800
12085	3	F23 vs. L23	F2-3 up	GO:0046488	Metabolism	Metabolism	phosphatidylinositol metabolic process	P	AT2G41210
12086	3	F23 vs. L23	F2-3 up	GO:0046488	Metabolism	Metabolism	phosphatidylinositol metabolic process	P	AT3G56960
12087	3	F23 vs. L23	F2-3 up	GO:0017176	Metabolism	Metabolism	phosphatidylinositol N-acetylglucosaminyltransferase activity	F	AT3G45100
12088	3	F23 vs. L23	F2-3 up	GO:0008526	Metabolism	Metabolism	phosphatidylinositol transfer activity	F	AT4G36490
12089	3	F23 vs. L23	F2-3 up	GO:0005546	Metabolism	Metabolism	phosphatidylinositol-4,5-bisphosphate binding	F	AT1G03050
12090	3	F23 vs. L23	F2-3 up	GO:0006659	Metabolism	Metabolism	phosphatidylserine biosynthetic process	P	AT4G39800
12091	3	F23 vs. L23	F2-3 up	GO:0008964	Metabolism	Metabolism	phosphoenolpyruvate carboxylase activity	F	AT3G14940
12092	3	F23 vs. L23	F2-3 up	GO:0000234	Metabolism	Metabolism	phosphoethanolamine N-methyltransferase activity	F	AT1G48600
12093	3	F23 vs. L23	F2-3 up	GO:0004614	Metabolism	Metabolism	phosphoglucomutase activity	F	AT1G70730
12094	3	F23 vs. L23	F2-3 up	GO:0008114	Metabolism	Metabolism	phosphogluconate 2-dehydrogenase activity	F	AT1G64190
12095	3	F23 vs. L23	F2-3 up	GO:0004616	Metabolism	Metabolism	phosphogluconate dehydrogenase (decarboxylating) activity	F	AT1G64190
12096	3	F23 vs. L23	F2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT2G22240
12097	3	F23 vs. L23	F2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT2G38110
12098	3	F23 vs. L23	F2-3 up	GO:0006644	Metabolism	Metabolism	phospholipid metabolic process	P	AT3G54950
12099	3	F23 vs. L23	F2-3 up	GO:0052667	Metabolism	Metabolism	phosphomethylethanolamine N-methyltransferase activity	F	AT1G48600
12100	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G09600
12101	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G32060
12102	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G71697

12103	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G78940
12104	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G80460
12105	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G07180
12106	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G14750
12107	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G20470
12108	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G13065
12109	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G50000
12110	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G55610
12111	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G15530
12112	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G20300
12113	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G24450
12114	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G25030
12115	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G35500
12116	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G39940
12117	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G05200
12118	3	F23 vs. L23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G14060
12119	3	F23 vs. L23	F2-3 up	GO:0033306	Metabolism	Metabolism	phytol metabolic process	P	AT1G54570
12120	3	F23 vs. L23	F2-3 up	GO:0031409	Metabolism	Metabolism	pigment binding	F	AT1G45474
12121	3	F23 vs. L23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT1G70310
12122	3	F23 vs. L23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT3G02470
12123	3	F23 vs. L23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT4G34710
12124	3	F23 vs. L23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G02790
12125	3	F23 vs. L23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07820
12126	3	F23 vs. L23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07830
12127	3	F23 vs. L23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07840
12128	3	F23 vs. L23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07850
12129	3	F23 vs. L23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT5G48140
12130	3	F23 vs. L23	F2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G25140
12131	3	F23 vs. L23	F2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT5G15470
12132	3	F23 vs. L23	F2-3 up	GO:0016094	Metabolism	Metabolism	polyprenol biosynthetic process	P	AT5G58770
12133	3	F23 vs. L23	F2-3 up	GO:0002094	Metabolism	Metabolism	polyprenyltransferase activity	F	AT5G58770
12134	3	F23 vs. L23	F2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT1G05850
12135	3	F23 vs. L23	F2-3 up	GO:0090358	Metabolism	Metabolism	positive regulation of tryptophan metabolic process	P	AT1G75500
12136	3	F23 vs. L23	F2-3 up	GO:0030955	Metabolism	Metabolism	potassium ion binding	F	AT5G56350
12137	3	F23 vs. L23	F2-3 up	GO:0030955	Metabolism	Metabolism	potassium ion binding	F	AT5G63680
12138	3	F23 vs. L23	F2-3 up	GO:0004664	Metabolism	Metabolism	prephenate dehydratase activity	F	AT5G22630
12139	3	F23 vs. L23	F2-3 up	GO:0008131	Metabolism	Metabolism	primary amine oxidase activity	F	AT1G31490
12140	3	F23 vs. L23	F2-3 up	GO:0006561	Metabolism	Metabolism	proline biosynthetic process	P	AT3G55610
12141	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G04400
12142	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G08830
12143	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G09250
12144	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G09340
12145	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G12110
12146	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G12840
12147	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14000
12148	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14920
12149	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G15470
12150	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G16720
12151	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17370
12152	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17380
12153	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G18740
12154	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19180
12155	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20620
12156	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20850

12157	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G22840
12158	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G23380
12159	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G27930
12160	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28270
12161	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28480
12162	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G30330
12163	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G31260
12164	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32060
12165	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32640
12166	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G35490
12167	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G45474
12168	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G50250
12169	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G50610
12170	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G55480
12171	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G58290
12172	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G61660
12173	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G62360
12174	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G63650
12175	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64060
12176	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64190
12177	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64860
12178	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G69120
12179	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G70310
12180	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G70700
12181	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G72180
12182	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G74380
12183	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76080
12184	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76490
12185	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G77980
12186	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G80840
12187	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G01330
12188	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G05620
12189	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G07560
12190	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G13570
12191	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17290
12192	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17950
12193	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G22240
12194	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G23760
12195	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G24540
12196	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26490
12197	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G30360
12198	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G30490
12199	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31380
12200	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31500
12201	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31570
12202	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G35940
12203	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36880
12204	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37040
12205	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37180
12206	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37630
12207	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38170
12208	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38280
12209	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38400
12210	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G39770
12211	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40000
12212	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40140

12213	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40670
12214	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40890
12215	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G41630
12216	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45190
12217	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45770
12218	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46410
12219	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46830
12220	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02470
12221	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G03770
12222	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G04120
12223	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G05500
12224	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G07050
12225	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G07560
12226	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08510
12227	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08720
12228	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08730
12229	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G09440
12230	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11410
12231	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11630
12232	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G12620
12233	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G12690
12234	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13110
12235	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G14770
12236	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G15030
12237	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G15540
12238	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16800
12239	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G18780
12240	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G19390
12241	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G19980
12242	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G20190
12243	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23050
12244	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23820
12245	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26060
12246	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26650
12247	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45140
12248	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45640
12249	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45780
12250	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G48740
12251	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50000
12252	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G51920
12253	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56150
12254	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57600
12255	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G61880
12256	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G62410
12257	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G62960
12258	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G63140
12259	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00360
12260	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00480
12261	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G01850
12262	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G03190
12263	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G03280
12264	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G04770
12265	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G05590
12266	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G08150
12267	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G11280
12268	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13930

12269	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G14880
12270	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G15630
12271	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G18950
12272	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20360
12273	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25030
12274	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G28490
12275	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29350
12276	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G31800
12277	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G32410
12278	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33010
12279	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G34710
12280	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35250
12281	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36710
12282	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39110
12283	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39800
12284	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G01410
12285	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G04140
12286	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G06850
12287	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G08640
12288	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09230
12289	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09810
12290	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G11790
12291	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13160
12292	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13490
12293	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13930
12294	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13990
12295	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G18600
12296	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G20240
12297	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G22250
12298	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G24120
12299	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G24650
12300	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G27000
12301	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G40890
12302	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G41790
12303	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42050
12304	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42800
12305	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45840
12306	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47670
12307	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47910
12308	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G50800
12309	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G53890
12310	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G54490
12311	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G56860
12312	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G60450
12313	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G60910
12314	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G61670
12315	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64350
12316	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64740
12317	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65410
12318	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65460
12319	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67300
12320	3	F23 vs. L23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67480
12321	3	F23 vs. L23	F2-3 up	GO:0030674	Metabolism	Metabolism	protein binding, bridging	F	AT3G21890
12322	3	F23 vs. L23	F2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT2G38280
12323	3	F23 vs. L23	F2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT4G15630
12324	3	F23 vs. L23	F2-3 up	GO:0043394	Metabolism	Metabolism	proteoglycan binding	F	AT4G19840

12325	3	F23 vs. L23	F2-3 up	GO:0015252	Metabolism	Metabolism	proton channel activity	F	ATCG00150
12326	3	F23 vs. L23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT1G80660
12327	3	F23 vs. L23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT2G07560
12328	3	F23 vs. L23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G42640
12329	3	F23 vs. L23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G60330
12330	3	F23 vs. L23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT5G57350
12331	3	F23 vs. L23	F2-3 up	GO:0009446	Metabolism	Metabolism	putrescine biosynthetic process	P	AT4G34710
12332	3	F23 vs. L23	F2-3 up	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT4G34710
12333	3	F23 vs. L23	F2-3 up	GO:0036381	Metabolism	Metabolism	pyridoxal 5'-phosphate synthase (glutamine hydrolysing) activity	F	AT5G01410
12334	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G23310
12335	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G27980
12336	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G65960
12337	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G70580
12338	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G13810
12339	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G30970
12340	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G38400
12341	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT3G57050
12342	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G11280
12343	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G13930
12344	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G14880
12345	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G33010
12346	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G11520
12347	3	F23 vs. L23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G36160
12348	3	F23 vs. L23	F2-3 up	GO:0042823	Metabolism	Metabolism	pyridoxal phosphate biosynthetic process	P	AT5G01410
12349	3	F23 vs. L23	F2-3 up	GO:0008615	Metabolism	Metabolism	pyridoxine biosynthetic process	P	AT5G01410
12350	3	F23 vs. L23	F2-3 up	GO:0050242	Metabolism	Metabolism	pyruvate, phosphate dikinase activity	F	AT4G15530
12351	3	F23 vs. L23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G31750
12352	3	F23 vs. L23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G31790
12353	3	F23 vs. L23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G36790
12354	3	F23 vs. L23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT3G21560
12355	3	F23 vs. L23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT3G46670
12356	3	F23 vs. L23	F2-3 up	GO:0080046	Metabolism	Metabolism	quercetin 4'-O-glucosyltransferase activity	F	AT2G36790
12357	3	F23 vs. L23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G31750
12358	3	F23 vs. L23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G31790
12359	3	F23 vs. L23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G36790
12360	3	F23 vs. L23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT3G21560
12361	3	F23 vs. L23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT3G46670
12362	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT1G31490
12363	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT4G23890
12364	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT5G58260
12365	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00420
12366	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00430
12367	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01090
12368	3	F23 vs. L23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01100
12369	3	F23 vs. L23	F2-3 up	GO:0009231	Metabolism	Metabolism	riboflavin biosynthetic process	P	AT2G22450
12370	3	F23 vs. L23	F2-3 up	GO:0006557	Metabolism	Metabolism	S-adenosylmethioninamine biosynthetic process	P	AT3G02470
12371	3	F23 vs. L23	F2-3 up	GO:0006557	Metabolism	Metabolism	S-adenosylmethioninamine biosynthetic process	P	AT5G15950
12372	3	F23 vs. L23	F2-3 up	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT2G36880
12373	3	F23 vs. L23	F2-3 up	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT3G17390
12374	3	F23 vs. L23	F2-3 up	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT4G01850
12375	3	F23 vs. L23	F2-3 up	GO:0033353	Metabolism	Metabolism	S-adenosylmethionine cycle	P	AT3G23810
12376	3	F23 vs. L23	F2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT4G35150
12377	3	F23 vs. L23	F2-3 up	GO:0034785	Metabolism	Metabolism	salicylate 5-hydroxylase activity	F	AT5G24530
12378	3	F23 vs. L23	F2-3 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT1G61820

12379	3	F23 vs. L23	F2-3 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT3G18080
12380	3	F23 vs. L23	F2-3 up	GO:0050278	Metabolism	Metabolism	sedoheptulose-bisphosphatase activity	F	AT3G55800
12381	3	F23 vs. L23	F2-3 up	GO:0001887	Metabolism	Metabolism	selenium compound metabolic process	P	AT3G22890
12382	3	F23 vs. L23	F2-3 up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT2G19770
12383	3	F23 vs. L23	F2-3 up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT4G29340
12384	3	F23 vs. L23	F2-3 up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT4G29350
12385	3	F23 vs. L23	F2-3 up	GO:0070905	Metabolism	Metabolism	serine binding	F	AT4G13930
12386	3	F23 vs. L23	F2-3 up	GO:0009001	Metabolism	Metabolism	serine O-acetyltransferase activity	F	AT3G13110
12387	3	F23 vs. L23	F2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT5G65760
12388	3	F23 vs. L23	F2-3 up	GO:0016987	Metabolism	Metabolism	sigma factor activity	F	AT1G64860
12389	3	F23 vs. L23	F2-3 up	GO:0016987	Metabolism	Metabolism	sigma factor activity	F	AT5G24120
12390	3	F23 vs. L23	F2-3 up	GO:0050284	Metabolism	Metabolism	sinapate 1-glucosyltransferase activity	F	AT3G21560
12391	3	F23 vs. L23	F2-3 up	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT4G37990
12392	3	F23 vs. L23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT1G70310
12393	3	F23 vs. L23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT3G02470
12394	3	F23 vs. L23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT4G34710
12395	3	F23 vs. L23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT5G15950
12396	3	F23 vs. L23	F2-3 up	GO:0004766	Metabolism	Metabolism	spermidine synthase activity	F	AT1G70310
12397	3	F23 vs. L23	F2-3 up	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT3G02470
12398	3	F23 vs. L23	F2-3 up	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT5G15950
12399	3	F23 vs. L23	F2-3 up	GO:0008117	Metabolism	Metabolism	sphinganine-1-phosphate aldolase activity	F	AT1G27980
12400	3	F23 vs. L23	F2-3 up	GO:0046520	Metabolism	Metabolism	sphingoid biosynthetic process	P	AT1G69640
12401	3	F23 vs. L23	F2-3 up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT2G46210
12402	3	F23 vs. L23	F2-3 up	GO:0052631	Metabolism	Metabolism	sphingolipid delta-8 desaturase activity	F	AT2G46210
12403	3	F23 vs. L23	F2-3 up	GO:0006665	Metabolism	Metabolism	sphingolipid metabolic process	P	AT1G27980
12404	3	F23 vs. L23	F2-3 up	GO:0000170	Metabolism	Metabolism	sphingosine hydroxylase activity	F	AT1G69640
12405	3	F23 vs. L23	F2-3 up	GO:0004506	Metabolism	Metabolism	squalene monooxygenase activity	F	AT4G37760
12406	3	F23 vs. L23	F2-3 up	GO:0004506	Metabolism	Metabolism	squalene monooxygenase activity	F	AT5G24140
12407	3	F23 vs. L23	F2-3 up	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT3G27380
12408	3	F23 vs. L23	F2-3 up	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT5G40650
12409	3	F23 vs. L23	F2-3 up	GO:0004575	Metabolism	Metabolism	sucrose alpha-glucosidase activity	F	AT1G12240
12410	3	F23 vs. L23	F2-3 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT1G51420
12411	3	F23 vs. L23	F2-3 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT2G35840
12412	3	F23 vs. L23	F2-3 up	GO:0004781	Metabolism	Metabolism	sulfate adenylyltransferase (ATP) activity	F	AT3G22890
12413	3	F23 vs. L23	F2-3 up	GO:0019419	Metabolism	Metabolism	sulfate reduction	P	AT4G21990
12414	3	F23 vs. L23	F2-3 up	GO:0008146	Metabolism	Metabolism	sulfotransferase activity	F	AT3G50620
12415	3	F23 vs. L23	F2-3 up	GO:0017025	Metabolism	Metabolism	TBP-class protein binding	F	AT2G41630
12416	3	F23 vs. L23	F2-3 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT3G59970
12417	3	F23 vs. L23	F2-3 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT4G13930
12418	3	F23 vs. L23	F2-3 up	GO:0046653	Metabolism	Metabolism	tetrahydrofolate metabolic process	P	AT4G13930
12419	3	F23 vs. L23	F2-3 up	GO:0009228	Metabolism	Metabolism	thiamine biosynthetic process	P	AT2G29630
12420	3	F23 vs. L23	F2-3 up	GO:0009229	Metabolism	Metabolism	thiamine diphosphate biosynthetic process	P	AT2G29630
12421	3	F23 vs. L23	F2-3 up	GO:0019137	Metabolism	Metabolism	thioglucosidase activity	F	AT5G25980
12422	3	F23 vs. L23	F2-3 up	GO:0004791	Metabolism	Metabolism	thioredoxin-disulfide reductase activity	F	AT3G54660
12423	3	F23 vs. L23	F2-3 up	GO:0009088	Metabolism	Metabolism	threonine biosynthetic process	P	AT5G14060
12424	3	F23 vs. L23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G11860
12425	3	F23 vs. L23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G34040
12426	3	F23 vs. L23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT2G13810
12427	3	F23 vs. L23	F2-3 up	GO:0016710	Metabolism	Metabolism	trans-cinnamate 4-monooxygenase activity	F	AT2G30490
12428	3	F23 vs. L23	F2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G19550
12429	3	F23 vs. L23	F2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G64980
12430	3	F23 vs. L23	F2-3 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G75020
12431	3	F23 vs. L23	F2-3 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G75880
12432	3	F23 vs. L23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G03495

12433	3	F23 vs. L23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G28680
12434	3	F23 vs. L23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G31490
12435	3	F23 vs. L23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT2G40230
12436	3	F23 vs. L23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT4G24510
12437	3	F23 vs. L23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT5G67160
12438	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G07850
12439	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G74380
12440	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G18570
12441	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G31750
12442	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G31790
12443	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G33100
12444	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G36790
12445	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G01180
12446	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G06510
12447	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G21190
12448	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G21760
12449	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G25140
12450	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G45100
12451	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G46670
12452	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G01070
12453	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G10120
12454	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G13990
12455	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G16590
12456	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G31590
12457	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G32410
12458	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G39350
12459	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G04500
12460	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G09870
12461	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G15470
12462	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G16910
12463	3	F23 vs. L23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G64740
12464	3	F23 vs. L23	F2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT2G18570
12465	3	F23 vs. L23	F2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT3G21760
12466	3	F23 vs. L23	F2-3 up	GO:0019346	Metabolism	Metabolism	transsulfuration	P	AT3G57050
12467	3	F23 vs. L23	F2-3 up	GO:0102701	Metabolism	Metabolism	tricyclene synthase activity	F	AT2G24210
12468	3	F23 vs. L23	F2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT1G54570
12469	3	F23 vs. L23	F2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT5G37300
12470	3	F23 vs. L23	F2-3 up	GO:0006641	Metabolism	Metabolism	triglyceride metabolic process	P	AT1G80460
12471	3	F23 vs. L23	F2-3 up	GO:0016104	Metabolism	Metabolism	triterpenoid biosynthetic process	P	AT2G17370
12472	3	F23 vs. L23	F2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT1G75500
12473	3	F23 vs. L23	F2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT5G05730
12474	3	F23 vs. L23	F2-3 up	GO:0006568	Metabolism	Metabolism	tryptophan metabolic process	P	AT1G32640
12475	3	F23 vs. L23	F2-3 up	GO:0010489	Metabolism	Metabolism	UDP-4-keto-6-deoxy-glucose-3,5-epimerase activity	F	AT1G53500
12476	3	F23 vs. L23	F2-3 up	GO:0010489	Metabolism	Metabolism	UDP-4-keto-6-deoxy-glucose-3,5-epimerase activity	F	AT1G63000
12477	3	F23 vs. L23	F2-3 up	GO:0010490	Metabolism	Metabolism	UDP-4-keto-rhamnose-4-keto-reductase activity	F	AT1G53500
12478	3	F23 vs. L23	F2-3 up	GO:0010490	Metabolism	Metabolism	UDP-4-keto-rhamnose-4-keto-reductase activity	F	AT1G63000
12479	3	F23 vs. L23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT2G34850
12480	3	F23 vs. L23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT4G20460
12481	3	F23 vs. L23	F2-3 up	GO:0033320	Metabolism	Metabolism	UDP-D-xylose biosynthetic process	P	AT2G47650
12482	3	F23 vs. L23	F2-3 up	GO:0050377	Metabolism	Metabolism	UDP-glucose 4,6-dehydratase activity	F	AT1G53500
12483	3	F23 vs. L23	F2-3 up	GO:0050377	Metabolism	Metabolism	UDP-glucose 4,6-dehydratase activity	F	AT1G78570

12484	3	F23 vs. L23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT1G09340
12485	3	F23 vs. L23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT2G34850
12486	3	F23 vs. L23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT3G63140
12487	3	F23 vs. L23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT4G20460
12488	3	F23 vs. L23	F2-3 up	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT3G29360
12489	3	F23 vs. L23	F2-3 up	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT5G15490
12490	3	F23 vs. L23	F2-3 up	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT5G39320
12491	3	F23 vs. L23	F2-3 up	GO:0006011	Metabolism	Metabolism	UDP-glucose metabolic process	P	AT3G03250
12492	3	F23 vs. L23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT2G36790
12493	3	F23 vs. L23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT4G01070
12494	3	F23 vs. L23	F2-3 up	GO:0050378	Metabolism	Metabolism	UDP-glucuronate 4-epimerase activity	F	AT3G23820
12495	3	F23 vs. L23	F2-3 up	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT3G29360
12496	3	F23 vs. L23	F2-3 up	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT5G15490
12497	3	F23 vs. L23	F2-3 up	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT5G39320
12498	3	F23 vs. L23	F2-3 up	GO:0048040	Metabolism	Metabolism	UDP-glucuronate decarboxylase activity	F	AT2G47650
12499	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G18570
12500	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G31750
12501	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G31790
12502	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G36790
12503	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G21560
12504	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G21760
12505	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G46670
12506	3	F23 vs. L23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G01070
12507	3	F23 vs. L23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT2G34850
12508	3	F23 vs. L23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT4G20460
12509	3	F23 vs. L23	F2-3 up	GO:0010280	Metabolism	Metabolism	UDP-L-rhamnose synthase activity	F	AT1G53500
12510	3	F23 vs. L23	F2-3 up	GO:0010280	Metabolism	Metabolism	UDP-L-rhamnose synthase activity	F	AT1G78570
12511	3	F23 vs. L23	F2-3 up	GO:0010253	Metabolism	Metabolism	UDP-rhamnose biosynthetic process	P	AT1G53500
12512	3	F23 vs. L23	F2-3 up	GO:0010253	Metabolism	Metabolism	UDP-rhamnose biosynthetic process	P	AT1G63000
12513	3	F23 vs. L23	F2-3 up	GO:0010253	Metabolism	Metabolism	UDP-rhamnose biosynthetic process	P	AT1G78570
12514	3	F23 vs. L23	F2-3 up	GO:0003983	Metabolism	Metabolism	UTP:glucose-1-phosphate uridylyltransferase activity	F	AT3G03250
12515	3	F23 vs. L23	F2-3 up	GO:0042819	Metabolism	Metabolism	vitamin B6 biosynthetic process	P	AT5G01410
12516	3	F23 vs. L23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G02205
12517	3	F23 vs. L23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G68530
12518	3	F23 vs. L23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT4G24510
12519	3	F23 vs. L23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT5G37300
12520	3	F23 vs. L23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT5G57800
12521	3	F23 vs. L23	F2-3 up	GO:0006805	Metabolism	Metabolism	xenobiotic metabolic process	P	AT4G01070
12522	3	F23 vs. L23	F2-3 up	GO:0045492	Metabolism	Metabolism	xylan biosynthetic process	P	AT1G27930
12523	3	F23 vs. L23	F2-3 up	GO:0045492	Metabolism	Metabolism	xylan biosynthetic process	P	AT5G67210
12524	3	F23 vs. L23	F2-3 up	GO:0045491	Metabolism	Metabolism	xylan metabolic process	P	AT1G27930
12525	3	F23 vs. L23	F2-3 up	GO:0045491	Metabolism	Metabolism	xylan metabolic process	P	AT5G67210
12526	3	F23 vs. L23	F2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT4G08150
12527	3	F23 vs. L23	F2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT4G32880
12528	3	F23 vs. L23	F2-3 up	GO:0033843	Metabolism	Metabolism	xyloglucan 6-xylosyltransferase activity	F	AT1G74380
12529	3	F23 vs. L23	F2-3 up	GO:0009969	Metabolism	Metabolism	xyloglucan biosynthetic process	P	AT1G74380
12530	3	F23 vs. L23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT1G74380
12531	3	F23 vs. L23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G28150
12532	3	F23 vs. L23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G44990
12533	3	F23 vs. L23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT5G57560
12534	3	F23 vs. L23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT5G65730
12535	3	F23 vs. L23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G44990
12536	3	F23 vs. L23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT5G57560
12537	3	F23 vs. L23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT5G65730

12538	3	F23 vs. L23	F2-3 up	GO:0033946	Metabolism	Metabolism	xyloglucan-specific endo-beta-1,4-glucanase activity	F	AT3G44990
12539	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G23740
12540	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G35720
12541	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G48030
12542	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G54280
12543	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G58180
12544	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G19570
12545	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G31380
12546	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G01500
12547	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02010
12548	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02570
12549	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G13110
12550	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G15353
12551	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G27380
12552	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G52720
12553	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G52800
12554	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G13930
12555	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G37990
12556	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G04710
12557	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G07440
12558	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G14740
12559	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G40650
12560	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G56860
12561	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G67480
12562	3	F23 vs. L23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	ATCG00120
12563	3	F23 vs. L23	F2-3 up	GO:0009882	Metabolism	Photosynthesis	blue light photoreceptor activity	F	AT1G04400
12564	3	F23 vs. L23	F2-3 up	GO:0009882	Metabolism	Photosynthesis	blue light photoreceptor activity	F	AT3G45780
12565	3	F23 vs. L23	F2-3 up	GO:0015977	Metabolism	Photosynthesis	carbon fixation	P	AT3G14940
12566	3	F23 vs. L23	F2-3 up	GO:0016120	Metabolism	Photosynthesis	carotene biosynthetic process	P	AT5G61670
12567	3	F23 vs. L23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G19150
12568	3	F23 vs. L23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G44575
12569	3	F23 vs. L23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G45474
12570	3	F23 vs. L23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT1G58290
12571	3	F23 vs. L23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT3G02780
12572	3	F23 vs. L23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT3G51820
12573	3	F23 vs. L23	F2-3 up	GO:0015994	Metabolism	Photosynthesis	chlorophyll metabolic process	P	AT5G01410
12574	3	F23 vs. L23	F2-3 up	GO:0046408	Metabolism	Photosynthesis	chlorophyll synthetase activity	F	AT3G51820
12575	3	F23 vs. L23	F2-3 up	GO:0010277	Metabolism	Photosynthesis	chlorophyllide a oxygenase [overall] activity	F	AT2G24820
12576	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G01090
12577	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G06690
12578	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G08510
12579	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G09340
12580	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G10370
12581	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G10960
12582	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11840
12583	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11860
12584	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12250
12585	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12840
12586	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G13270
12587	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G14560
12588	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G15980
12589	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16410
12590	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16720
12591	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16880
12592	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17380

12593	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17420
12594	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19150
12595	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19550
12596	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20020
12597	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20620
12598	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20823
12599	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20850
12600	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G21060
12601	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G22410
12602	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23310
12603	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23740
12604	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23800
12605	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27980
12606	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29340
12607	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31260
12608	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31850
12609	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32060
12610	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32080
12611	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G33290
12612	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G34040
12613	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G35720
12614	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G42970
12615	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G44575
12616	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G44820
12617	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G45474
12618	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50250
12619	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50310
12620	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50320
12621	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51110
12622	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G52580
12623	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53280
12624	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53500
12625	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54570
12626	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G55480
12627	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G56500
12628	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G57770
12629	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58180
12630	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58290
12631	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58430
12632	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G59870
12633	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G61740
12634	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G63000
12635	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64190
12636	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64510
12637	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64860
12638	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64980
12639	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G68010
12640	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G68590
12641	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70480
12642	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70580
12643	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70610
12644	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70730
12645	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G71500
12646	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G72520
12647	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G75690
12648	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G76080

12649	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G77090
12650	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78160
12651	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78370
12652	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78570
12653	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G79440
12654	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01290
12655	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01320
12656	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G04039
12657	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G05620
12658	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G07180
12659	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G10940
12660	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G13680
12661	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G13810
12662	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G14750
12663	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G15620
12664	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17840
12665	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18400
12666	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18570
12667	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G21330
12668	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G21960
12669	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G22450
12670	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24180
12671	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24210
12672	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24270
12673	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24450
12674	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24820
12675	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G25530
12676	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26500
12677	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26690
12678	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28190
12679	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28305
12680	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G29630
12681	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G29980
12682	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G30020
12683	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G30860
12684	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31750
12685	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31790
12686	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G34460
12687	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36790
12688	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37240
12689	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37770
12690	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38170
12691	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38280
12692	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38400
12693	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39210
12694	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39470
12695	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39510
12696	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39730
12697	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G41380
12698	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G42750
12699	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G43100
12700	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44120
12701	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G45770
12702	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G46820
12703	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47050
12704	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01060

12705	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01180
12706	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01500
12707	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02750
12708	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02780
12709	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03420
12710	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03640
12711	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04120
12712	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04790
12713	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06510
12714	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G07700
12715	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G09440
12716	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G09810
12717	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G10420
12718	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G10570
12719	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11050
12720	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11170
12721	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11630
12722	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G12610
12723	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G12780
12724	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G13110
12725	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14420
12726	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14940
12727	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15360
12728	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15400
12729	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G16170
12730	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G16370
12731	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17630
12732	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17800
12733	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17930
12734	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G18080
12735	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G19800
12736	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G21230
12737	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22840
12738	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22890
12739	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23700
12740	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23920
12741	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G24190
12742	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G24506
12743	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25290
12744	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25690
12745	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25760
12746	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26060
12747	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26520
12748	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26650
12749	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G27300
12750	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45140
12751	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48420
12752	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48460
12753	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48740
12754	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48990
12755	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G51820
12756	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G52880
12757	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54510
12758	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54660
12759	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54690
12760	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54960

12761	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55610
12762	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55640
12763	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55800
12764	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56240
12765	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57010
12766	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57020
12767	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57050
12768	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57330
12769	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G58990
12770	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G59360
12771	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G62410
12772	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G63140
12773	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01070
12774	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01470
12775	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02380
12776	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G03200
12777	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G03280
12778	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G04770
12779	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G05590
12780	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11030
12781	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11600
12782	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11960
12783	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G12030
12784	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14690
12785	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14880
12786	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15530
12787	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G19230
12788	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20360
12789	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20760
12790	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G21990
12791	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G22750
12792	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G23100
12793	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G23890
12794	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24380
12795	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24450
12796	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24640
12797	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24890
12798	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24930
12799	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25030
12800	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25640
12801	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G26970
12802	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G27030
12803	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G28780
12804	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G29350
12805	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32260
12806	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G33010
12807	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34710
12808	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34720
12809	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34950
12810	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G35250
12811	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36490
12812	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G37550
12813	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38100
12814	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38740
12815	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38970
12816	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39030

12817	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39110
12818	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39940
12819	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01600
12820	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04140
12821	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04710
12822	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04980
12823	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05200
12824	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05730
12825	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G07550
12826	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09650
12827	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09660
12828	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11520
12829	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11790
12830	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G12170
12831	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14060
12832	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14200
12833	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14660
12834	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14740
12835	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15390
12836	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15470
12837	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16010
12838	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G17670
12839	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19220
12840	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22580
12841	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22630
12842	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23060
12843	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23120
12844	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24120
12845	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24650
12846	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24780
12847	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25120
12848	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25980
12849	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G30510
12850	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G35630
12851	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36220
12852	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36700
12853	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36880
12854	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G38420
12855	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G38660
12856	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G38900
12857	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39210
12858	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42680
12859	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G43745
12860	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45840
12861	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45890
12862	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G46800
12863	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G47620
12864	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G47650
12865	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G47890
12866	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G48300
12867	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50030
12868	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50720
12869	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G51720
12870	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G52100
12871	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53460
12872	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53820

12873	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53890
12874	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G57350
12875	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G57560
12876	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58050
12877	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58260
12878	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58330
12879	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58770
12880	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G60600
12881	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61410
12882	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61670
12883	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61700
12884	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64040
12885	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64840
12886	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65460
12887	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65760
12888	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G67370
12889	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00120
12890	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00150
12891	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00220
12892	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00420
12893	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00430
12894	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00560
12895	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00820
12896	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01090
12897	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01100
12898	3	F23 vs. L23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATMG00480
12899	3	F23 vs. L23	F2-3 up	GO:0009904	Metabolism	Photosynthesis	chloroplast accumulation movement	P	AT3G45780
12900	3	F23 vs. L23	F2-3 up	GO:0009904	Metabolism	Photosynthesis	chloroplast accumulation movement	P	AT5G65460
12901	3	F23 vs. L23	F2-3 up	GO:0009544	Metabolism	Photosynthesis	chloroplast ATP synthase complex	C	ATCG00120
12902	3	F23 vs. L23	F2-3 up	GO:0009544	Metabolism	Photosynthesis	chloroplast ATP synthase complex	C	ATCG00150
12903	3	F23 vs. L23	F2-3 up	GO:0009903	Metabolism	Photosynthesis	chloroplast avoidance movement	P	AT3G45780
12904	3	F23 vs. L23	F2-3 up	GO:0009903	Metabolism	Photosynthesis	chloroplast avoidance movement	P	AT5G65460
12905	3	F23 vs. L23	F2-3 up	GO:0010151	Metabolism	Photosynthesis	chloroplast elongation	P	AT5G56860
12906	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G01090
12907	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G06690
12908	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G09340
12909	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11840
12910	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11860
12911	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G16720
12912	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G16880
12913	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G20620
12914	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G23740
12915	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G32060
12916	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G32080
12917	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G42970
12918	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G50250
12919	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G51110
12920	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G55480
12921	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G59870
12922	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G70610
12923	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G71500
12924	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G76080
12925	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G76370
12926	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G01320
12927	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G21330
12928	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G24820

12929	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G34460
12930	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G36830
12931	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G39730
12932	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G46820
12933	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G01500
12934	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G04790
12935	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G06510
12936	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G11170
12937	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G11630
12938	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G12780
12939	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G13930
12940	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G15360
12941	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G25760
12942	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G26060
12943	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G26650
12944	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G45140
12945	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G46520
12946	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G48420
12947	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G55800
12948	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G63140
12949	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G03280
12950	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G15440
12951	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G20360
12952	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G24450
12953	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G32260
12954	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G33010
12955	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G38510
12956	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G38970
12957	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G39030
12958	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G04140
12959	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09650
12960	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09660
12961	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09810
12962	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G13490
12963	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G14740
12964	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16010
12965	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G17670
12966	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G19220
12967	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G23120
12968	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G24650
12969	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G35630
12970	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G38420
12971	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G38660
12972	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G43745
12973	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G58260
12974	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G58330
12975	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G60600
12976	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G61410
12977	3	F23 vs. L23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00820
12978	3	F23 vs. L23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G32080
12979	3	F23 vs. L23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT2G24820
12980	3	F23 vs. L23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT3G11170
12981	3	F23 vs. L23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G24650
12982	3	F23 vs. L23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G64280
12983	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G16720
12984	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G42970

12985	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G55480
12986	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G58290
12987	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G61800
12988	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G64150
12989	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G70610
12990	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT3G26650
12991	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT3G51820
12992	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G27030
12993	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G39030
12994	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G12170
12995	3	F23 vs. L23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G61670
12996	3	F23 vs. L23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G09340
12997	3	F23 vs. L23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G32080
12998	3	F23 vs. L23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G44000
12999	3	F23 vs. L23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT4G20360
13000	3	F23 vs. L23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G24120
13001	3	F23 vs. L23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G56860
13002	3	F23 vs. L23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT1G70480
13003	3	F23 vs. L23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G06510
13004	3	F23 vs. L23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G25690
13005	3	F23 vs. L23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT4G04980
13006	3	F23 vs. L23	F2-3 up	GO:0030093	Metabolism	Photosynthesis	chloroplast photosystem I	C	AT2G46820
13007	3	F23 vs. L23	F2-3 up	GO:0030093	Metabolism	Photosynthesis	chloroplast photosystem I	C	AT5G64040
13008	3	F23 vs. L23	F2-3 up	GO:0009902	Metabolism	Photosynthesis	chloroplast relocation	P	AT1G64500
13009	3	F23 vs. L23	F2-3 up	GO:0009902	Metabolism	Photosynthesis	chloroplast relocation	P	AT3G25690
13010	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G01090
13011	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G09340
13012	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G10960
13013	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G11860
13014	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G16720
13015	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G16880
13016	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G20020
13017	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G20620
13018	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G23740
13019	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G32060
13020	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G35720
13021	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G42970
13022	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G50320
13023	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G53280
13024	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G55480
13025	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G56500
13026	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G64190
13027	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G68590
13028	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G70580
13029	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G75690
13030	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G76080
13031	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G77090
13032	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G79440
13033	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G15620
13034	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G21330
13035	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G28190
13036	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G29630
13037	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G30860
13038	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G39730
13039	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G43100
13040	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G45770

13041	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G01500
13042	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G04790
13043	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G11630
13044	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G12780
13045	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G14420
13046	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G15360
13047	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G22890
13048	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G23700
13049	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G26650
13050	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G45140
13051	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G46520
13052	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G48420
13053	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G48990
13054	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G52720
13055	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54660
13056	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55800
13057	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G57050
13058	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G58990
13059	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G62410
13060	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G63140
13061	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G04770
13062	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G14880
13063	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G15530
13064	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G17090
13065	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G20360
13066	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G23100
13067	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G33010
13068	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G35250
13069	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G38970
13070	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G01600
13071	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04140
13072	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04710
13073	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G05730
13074	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G09650
13075	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G09810
13076	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G14060
13077	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G14200
13078	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G14660
13079	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G14740
13080	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G19220
13081	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G22630
13082	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G23120
13083	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G30510
13084	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G35630
13085	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G36700
13086	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G36880
13087	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G38420
13088	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G39210
13089	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G48300
13090	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G51720
13091	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G52100
13092	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G53460
13093	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G58330
13094	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G58770
13095	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G60600
13096	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G61410

13097	3	F23 vs. L23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00820
13098	3	F23 vs. L23	F2-3 up	GO:0009533	Metabolism	Photosynthesis	chloroplast stromal thylakoid	C	AT3G26060
13099	3	F23 vs. L23	F2-3 up	GO:0009533	Metabolism	Photosynthesis	chloroplast stromal thylakoid	C	AT5G23120
13100	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G11860
13101	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G12250
13102	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G15980
13103	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G20020
13104	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G44000
13105	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G44575
13106	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G50250
13107	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G51110
13108	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G55480
13109	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G56500
13110	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G71500
13111	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G75690
13112	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G77090
13113	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G05620
13114	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G21330
13115	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G21960
13116	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G30440
13117	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G34460
13118	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G45770
13119	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G46820
13120	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G26060
13121	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G51820
13122	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G63140
13123	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G03280
13124	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G20360
13125	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G23890
13126	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G32260
13127	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G33010
13128	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G35250
13129	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G23060
13130	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G23120
13131	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G38660
13132	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G64040
13133	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00120
13134	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00150
13135	3	F23 vs. L23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00560
13136	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT1G12250
13137	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT1G77090
13138	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT2G39470
13139	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT3G26060
13140	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G24930
13141	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G23120
13142	3	F23 vs. L23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G64040
13143	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G06690
13144	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G12250
13145	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G15980
13146	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G16720
13147	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G16880
13148	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G19150
13149	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G20020
13150	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G32060
13151	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G42970
13152	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G44575

13153	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G45474
13154	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G50250
13155	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G51110
13156	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G55480
13157	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G56500
13158	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G64150
13159	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G64510
13160	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G68590
13161	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G71500
13162	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G75690
13163	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G05620
13164	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G10940
13165	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G26500
13166	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G30440
13167	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G34460
13168	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G39470
13169	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G39730
13170	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45770
13171	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G46820
13172	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G01500
13173	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G04790
13174	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G07700
13175	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G15360
13176	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G17930
13177	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G22840
13178	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G25760
13179	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G26060
13180	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G26650
13181	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G45140
13182	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G51820
13183	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G03280
13184	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G11960
13185	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G14690
13186	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G20360
13187	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G23890
13188	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G32260
13189	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G35250
13190	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G38100
13191	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G39730
13192	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G01600
13193	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G14740
13194	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23060
13195	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23120
13196	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G35630
13197	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G38660
13198	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G58260
13199	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G64040
13200	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00120
13201	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00150
13202	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00220
13203	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00420
13204	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00430
13205	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00560
13206	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01090
13207	3	F23 vs. L23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01100
13208	3	F23 vs. L23	F2-3 up	GO:0009575	Metabolism	Photosynthesis	chromoplast stroma	C	AT1G55480

13209	3	F23 vs. L23	F2-3 up	GO:0009512	Metabolism	Photosynthesis	cytochrome b6f complex	C	AT2G26500
13210	3	F23 vs. L23	F2-3 up	GO:0009512	Metabolism	Photosynthesis	cytochrome b6f complex	C	AT4G03280
13211	3	F23 vs. L23	F2-3 up	GO:0010190	Metabolism	Photosynthesis	cytochrome b6f complex assembly	P	AT3G17930
13212	3	F23 vs. L23	F2-3 up	GO:0046028	Metabolism	Photosynthesis	electron transporter, transferring electrons from cytochrome b6/f complex of photosystem II activity	F	AT4G03280
13213	3	F23 vs. L23	F2-3 up	GO:0045158	Metabolism	Photosynthesis	electron transporter, transferring electrons within cytochrome b6/f complex of photosystem II activity	F	AT4G03280
13214	3	F23 vs. L23	F2-3 up	GO:0035448	Metabolism	Photosynthesis	extrinsic component of thylakoid membrane	C	AT1G55480
13215	3	F23 vs. L23	F2-3 up	GO:0004324	Metabolism	Photosynthesis	ferredoxin-NADP+ reductase activity	F	AT1G20020
13216	3	F23 vs. L23	F2-3 up	GO:0042132	Metabolism	Photosynthesis	fructose 1,6-bisphosphate 1-phosphatase activity	F	AT3G55800
13217	3	F23 vs. L23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT2G21330
13218	3	F23 vs. L23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT3G55800
13219	3	F23 vs. L23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT4G38970
13220	3	F23 vs. L23	F2-3 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT3G55800
13221	3	F23 vs. L23	F2-3 up	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT2G21330
13222	3	F23 vs. L23	F2-3 up	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT4G38970
13223	3	F23 vs. L23	F2-3 up	GO:0006783	Metabolism	Photosynthesis	heme biosynthetic process	P	AT1G58290
13224	3	F23 vs. L23	F2-3 up	GO:0080153	Metabolism	Photosynthesis	negative regulation of reductive pentose-phosphate cycle	P	AT3G62410
13225	3	F23 vs. L23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT1G68010
13226	3	F23 vs. L23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT3G14420
13227	3	F23 vs. L23	F2-3 up	GO:0009915	Metabolism	Photosynthesis	phloem sucrose loading	P	AT1G22710
13228	3	F23 vs. L23	F2-3 up	GO:0110128	Metabolism	Photosynthesis	phloem sucrose unloading	P	AT1G35720
13229	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G20020
13230	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G27730
13231	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G44575
13232	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G55480
13233	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G61800
13234	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G77090
13235	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT2G39470
13236	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G01500
13237	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G02780
13238	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G11050
13239	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G14940
13240	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G22840
13241	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G04040
13242	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G11960
13243	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G14690
13244	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G15530
13245	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G01600
13246	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G23120
13247	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G64040
13248	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG01090
13249	3	F23 vs. L23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG01100
13250	3	F23 vs. L23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G19150
13251	3	F23 vs. L23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G45474
13252	3	F23 vs. L23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	AT5G52100
13253	3	F23 vs. L23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00220
13254	3	F23 vs. L23	F2-3 up	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT1G61800
13255	3	F23 vs. L23	F2-3 up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G03280
13256	3	F23 vs. L23	F2-3 up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G23890
13257	3	F23 vs. L23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT1G15980
13258	3	F23 vs. L23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT2G05620
13259	3	F23 vs. L23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT2G46820
13260	3	F23 vs. L23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT4G11960
13261	3	F23 vs. L23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT5G64040

13262	3	F23 vs. L23	F2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	AT2G45770
13263	3	F23 vs. L23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G19150
13264	3	F23 vs. L23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G22840
13265	3	F23 vs. L23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT4G14690
13266	3	F23 vs. L23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT5G64040
13267	3	F23 vs. L23	F2-3 up	GO:0009782	Metabolism	Photosynthesis	photosystem I antenna complex	C	AT1G45474
13268	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G16720
13269	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G44575
13270	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G55480
13271	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G71500
13272	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G22840
13273	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT4G14690
13274	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT4G35250
13275	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT5G23120
13276	3	F23 vs. L23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00220
13277	3	F23 vs. L23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G16720
13278	3	F23 vs. L23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G55480
13279	3	F23 vs. L23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G71500
13280	3	F23 vs. L23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT4G35250
13281	3	F23 vs. L23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT5G24120
13282	3	F23 vs. L23	F2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT1G77090
13283	3	F23 vs. L23	F2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT2G39470
13284	3	F23 vs. L23	F2-3 up	GO:0010270	Metabolism	Photosynthesis	photosystem II oxygen evolving complex assembly	P	AT1G64150
13285	3	F23 vs. L23	F2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00560
13286	3	F23 vs. L23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT1G50250
13287	3	F23 vs. L23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT1G55480
13288	3	F23 vs. L23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT1G75690
13289	3	F23 vs. L23	F2-3 up	GO:0042549	Metabolism	Photosynthesis	photosystem II stabilization	P	AT1G71500
13290	3	F23 vs. L23	F2-3 up	GO:0080005	Metabolism	Photosynthesis	photosystem stoichiometry adjustment	P	AT1G64860
13291	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G01090
13292	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G08510
13293	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G22410
13294	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G44170
13295	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G64190
13296	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G68590
13297	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G13810
13298	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G14750
13299	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G29630
13300	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G30020
13301	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G43100
13302	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G06510
13303	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G24506
13304	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G56360
13305	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G58990
13306	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G12030
13307	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G20360
13308	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G23100
13309	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G39030
13310	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G39940
13311	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G09650
13312	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G11520
13313	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G12170
13314	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13490
13315	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13710
13316	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14200
13317	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14660

13318	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14740
13319	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15910
13320	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16010
13321	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16450
13322	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G22580
13323	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23060
13324	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23120
13325	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G24650
13326	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25980
13327	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G30510
13328	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G35630
13329	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G36160
13330	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G36700
13331	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G38420
13332	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G38660
13333	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G40650
13334	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G41790
13335	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G43745
13336	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G46800
13337	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47890
13338	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47910
13339	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G48300
13340	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49360
13341	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G50850
13342	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G51720
13343	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G52450
13344	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G53460
13345	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54080
13346	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54760
13347	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54940
13348	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56350
13349	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57350
13350	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58260
13351	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58330
13352	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59370
13353	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60360
13354	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60600
13355	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60790
13356	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61410
13357	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61670
13358	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G62350
13359	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63180
13360	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63680
13361	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64040
13362	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64280
13363	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64350
13364	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00120
13365	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00150
13366	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00430
13367	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00820
13368	3	F23 vs. L23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01090
13369	3	F23 vs. L23	F2-3 up	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT2G46820
13370	3	F23 vs. L23	F2-3 up	GO:0042170	Metabolism	Photosynthesis	plastid membrane	C	AT3G11170
13371	3	F23 vs. L23	F2-3 up	GO:0009668	Metabolism	Photosynthesis	plastid membrane organization	P	AT5G58770
13372	3	F23 vs. L23	F2-3 up	GO:0009657	Metabolism	Photosynthesis	plastid organization	P	AT5G23120
13373	3	F23 vs. L23	F2-3 up	GO:0009547	Metabolism	Photosynthesis	plastid ribosome	C	ATCG00820

13374	3	F23 vs. L23	F2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00820
13375	3	F23 vs. L23	F2-3 up	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT1G09340
13376	3	F23 vs. L23	F2-3 up	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT1G68590
13377	3	F23 vs. L23	F2-3 up	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT3G63140
13378	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G06690
13379	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G09340
13380	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G54570
13381	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G21330
13382	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G34460
13383	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G39730
13384	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G07700
13385	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G26060
13386	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G63140
13387	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G38970
13388	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G39730
13389	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT5G05200
13390	3	F23 vs. L23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00120
13391	3	F23 vs. L23	F2-3 up	GO:0080177	Metabolism	Photosynthesis	plastoglobule organization	P	AT3G07700
13392	3	F23 vs. L23	F2-3 up	GO:0009496	Metabolism	Photosynthesis	plastoquinol--plastocyanin reductase activity	F	AT4G03280
13393	3	F23 vs. L23	F2-3 up	GO:0006779	Metabolism	Photosynthesis	porphyrin-containing compound biosynthetic process	P	AT1G58290
13394	3	F23 vs. L23	F2-3 up	GO:1902326	Metabolism	Photosynthesis	positive regulation of chlorophyll biosynthetic process	P	AT5G56860
13395	3	F23 vs. L23	F2-3 up	GO:1905157	Metabolism	Photosynthesis	positive regulation of photosynthesis	P	AT5G65810
13396	3	F23 vs. L23	F2-3 up	GO:0045038	Metabolism	Photosynthesis	protein import into chloroplast thylakoid membrane	P	AT2G45770
13397	3	F23 vs. L23	F2-3 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT2G24820
13398	3	F23 vs. L23	F2-3 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT5G24650
13399	3	F23 vs. L23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G04400
13400	3	F23 vs. L23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G19150
13401	3	F23 vs. L23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G45474
13402	3	F23 vs. L23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT2G47590
13403	3	F23 vs. L23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT3G45780
13404	3	F23 vs. L23	F2-3 up	GO:0006782	Metabolism	Photosynthesis	protoporphyrinogen IX biosynthetic process	P	AT1G58290
13405	3	F23 vs. L23	F2-3 up	GO:0009517	Metabolism	Photosynthesis	PSII associated light-harvesting complex II	C	AT1G44575
13406	3	F23 vs. L23	F2-3 up	GO:0031540	Metabolism	Photosynthesis	regulation of anthocyanin biosynthetic process	P	AT5G13930
13407	3	F23 vs. L23	F2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT3G22840
13408	3	F23 vs. L23	F2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT4G14690
13409	3	F23 vs. L23	F2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT5G56860
13410	3	F23 vs. L23	F2-3 up	GO:0010109	Metabolism	Photosynthesis	regulation of photosynthesis	P	AT1G61800
13411	3	F23 vs. L23	F2-3 up	GO:0046863	Metabolism	Photosynthesis	ribulose-1,5-bisphosphate carboxylase/oxygenase activator activity	F	AT2G39730
13412	3	F23 vs. L23	F2-3 up	GO:0016984	Metabolism	Photosynthesis	ribulose-bisphosphate carboxylase activity	F	AT5G38420
13413	3	F23 vs. L23	F2-3 up	GO:0016114	Metabolism	Photosynthesis	terpenoid biosynthetic process	P	AT5G60600
13414	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G12250
13415	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G20020
13416	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G23740
13417	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G32060
13418	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G35720
13419	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G44575
13420	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G55480
13421	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G64510
13422	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G68590
13423	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G77090
13424	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G04039
13425	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G21330
13426	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G28190

13427	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G30860
13428	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G35370
13429	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G39470
13430	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G39730
13431	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G46820
13432	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G01500
13433	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G04790
13434	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G11630
13435	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G12780
13436	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G15360
13437	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G55800
13438	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G63140
13439	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G03280
13440	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G24930
13441	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G32260
13442	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G38970
13443	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G39730
13444	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G01600
13445	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G09650
13446	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G23060
13447	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G23120
13448	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G30510
13449	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G35630
13450	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G38420
13451	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G58330
13452	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G61410
13453	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G64040
13454	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00120
13455	3	F23 vs. L23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00560
13456	3	F23 vs. L23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G50250
13457	3	F23 vs. L23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G77090
13458	3	F23 vs. L23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT2G21330
13459	3	F23 vs. L23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G24930
13460	3	F23 vs. L23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT5G23120
13461	3	F23 vs. L23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	ATCG00120
13462	3	F23 vs. L23	F2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT1G16720
13463	3	F23 vs. L23	F2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT1G56500
13464	3	F23 vs. L23	F2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT4G35250
13465	3	F23 vs. L23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT1G44575
13466	3	F23 vs. L23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT1G50250
13467	3	F23 vs. L23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G30440
13468	3	F23 vs. L23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G45770
13469	3	F23 vs. L23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT3G12780
13470	3	F23 vs. L23	F2-3 up	GO:0051738	Metabolism	Photosynthesis	xanthophyll binding	F	AT1G44575
13471	3	F23 vs. L23	F2-3 up	GO:0015172	Metabolism	Transporters	acidic amino acid transmembrane transporter activity	F	AT1G24400
13472	3	F23 vs. L23	F2-3 up	GO:0015800	Metabolism	Transporters	acidic amino acid transport	P	AT5G09220
13473	3	F23 vs. L23	F2-3 up	GO:0046715	Metabolism	Transporters	active borate transmembrane transporter activity	F	AT1G80760
13474	3	F23 vs. L23	F2-3 up	GO:0046715	Metabolism	Transporters	active borate transmembrane transporter activity	F	AT2G47160
13475	3	F23 vs. L23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G24400
13476	3	F23 vs. L23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G39130
13477	3	F23 vs. L23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT3G11900
13478	3	F23 vs. L23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT3G30390
13479	3	F23 vs. L23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G09220
13480	3	F23 vs. L23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G24400
13481	3	F23 vs. L23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G39130

13482	3	F23 vs. L23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT3G11900
13483	3	F23 vs. L23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT3G30390
13484	3	F23 vs. L23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G09220
13485	3	F23 vs. L23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G14940
13486	3	F23 vs. L23	F2-3 up	GO:0006865	Metabolism	Transporters	amino acid transport	P	AT5G09220
13487	3	F23 vs. L23	F2-3 up	GO:0005253	Metabolism	Transporters	anion channel activity	F	AT5G40890
13488	3	F23 vs. L23	F2-3 up	GO:0015301	Metabolism	Transporters	anion:anion antiporter activity	F	AT2G47160
13489	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G21070
13490	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G47530
13491	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G61800
13492	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G76670
13493	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT4G24570
13494	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT4G39030
13495	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G01690
13496	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G17860
13497	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G49130
13498	3	F23 vs. L23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G52450
13499	3	F23 vs. L23	F2-3 up	GO:0015173	Metabolism	Transporters	aromatic amino acid transmembrane transporter activity	F	AT3G11900
13500	3	F23 vs. L23	F2-3 up	GO:1901684	Metabolism	Transporters	arsenate ion transmembrane transport	P	AT3G54700
13501	3	F23 vs. L23	F2-3 up	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT5G13490
13502	3	F23 vs. L23	F2-3 up	GO:0140326	Metabolism	Transporters	ATPase-coupled intramembrane lipid transporter activity	F	AT1G54280
13503	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G59870
13504	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G70610
13505	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G01320
13506	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G16340
13507	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G55100
13508	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT4G04770
13509	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT4G18050
13510	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G06530
13511	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G60740
13512	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G61690
13513	3	F23 vs. L23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G61700
13514	3	F23 vs. L23	F2-3 up	GO:0080139	Metabolism	Transporters	borate efflux transmembrane transporter activity	F	AT2G47160
13515	3	F23 vs. L23	F2-3 up	GO:0046713	Metabolism	Transporters	borate transport	P	AT1G80760
13516	3	F23 vs. L23	F2-3 up	GO:0046713	Metabolism	Transporters	borate transport	P	AT2G47160
13517	3	F23 vs. L23	F2-3 up	GO:0015086	Metabolism	Transporters	cadmium ion transmembrane transporter activity	F	AT1G16310
13518	3	F23 vs. L23	F2-3 up	GO:0015086	Metabolism	Transporters	cadmium ion transmembrane transporter activity	F	AT1G59870
13519	3	F23 vs. L23	F2-3 up	GO:0015691	Metabolism	Transporters	cadmium ion transport	P	AT1G59870
13520	3	F23 vs. L23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT1G35720
13521	3	F23 vs. L23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT2G22950
13522	3	F23 vs. L23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT2G38170
13523	3	F23 vs. L23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G21180
13524	3	F23 vs. L23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G57330

13525	3	F23 vs. L23	F2-3 up	GO:0015085	Metabolism	Transporters	calcium ion transmembrane transporter activity	F	AT2G38170
13526	3	F23 vs. L23	F2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT1G64150
13527	3	F23 vs. L23	F2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT2G38170
13528	3	F23 vs. L23	F2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT2G22950
13529	3	F23 vs. L23	F2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G21180
13530	3	F23 vs. L23	F2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G57330
13531	3	F23 vs. L23	F2-3 up	GO:0034219	Metabolism	Transporters	carbohydrate transmembrane transport	P	AT3G05960
13532	3	F23 vs. L23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G16370
13533	3	F23 vs. L23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G50310
13534	3	F23 vs. L23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT2G48020
13535	3	F23 vs. L23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT3G05960
13536	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G21070
13537	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G76670
13538	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G14770
13539	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G48740
13540	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G59360
13541	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G50800
13542	3	F23 vs. L23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G65650
13543	3	F23 vs. L23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT1G50310
13544	3	F23 vs. L23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT2G48020
13545	3	F23 vs. L23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G05960
13546	3	F23 vs. L23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G51490
13547	3	F23 vs. L23	F2-3 up	GO:1905039	Metabolism	Transporters	carboxylic acid transmembrane transport	P	AT5G50800
13548	3	F23 vs. L23	F2-3 up	GO:0005261	Metabolism	Transporters	cation channel activity	F	AT1G70480
13549	3	F23 vs. L23	F2-3 up	GO:0008324	Metabolism	Transporters	cation transmembrane transporter activity	F	AT1G16310
13550	3	F23 vs. L23	F2-3 up	GO:0008324	Metabolism	Transporters	cation transmembrane transporter activity	F	AT5G54250
13551	3	F23 vs. L23	F2-3 up	GO:0006812	Metabolism	Transporters	cation transport	P	AT3G17630
13552	3	F23 vs. L23	F2-3 up	GO:0006812	Metabolism	Transporters	cation transport	P	AT5G01690
13553	3	F23 vs. L23	F2-3 up	GO:0015491	Metabolism	Transporters	cation:cation antiporter activity	F	AT5G17860
13554	3	F23 vs. L23	F2-3 up	GO:0035627	Metabolism	Transporters	ceramide transport	P	AT3G21260
13555	3	F23 vs. L23	F2-3 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT1G80760
13556	3	F23 vs. L23	F2-3 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT3G56950
13557	3	F23 vs. L23	F2-3 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT5G37810
13558	3	F23 vs. L23	F2-3 up	GO:0034707	Metabolism	Transporters	chloride channel complex	C	AT5G40890
13559	3	F23 vs. L23	F2-3 up	GO:0006821	Metabolism	Transporters	chloride transport	P	AT5G40890
13560	3	F23 vs. L23	F2-3 up	GO:0006824	Metabolism	Transporters	cobalt ion transport	P	AT2G38460
13561	3	F23 vs. L23	F2-3 up	GO:0015228	Metabolism	Transporters	coenzyme A transmembrane transporter activity	F	AT1G14560
13562	3	F23 vs. L23	F2-3 up	GO:0006825	Metabolism	Transporters	copper ion transport	P	AT3G56240
13563	3	F23 vs. L23	F2-3 up	GO:0005310	Metabolism	Transporters	dicarboxylic acid transmembrane transporter activity	F	AT4G24570
13564	3	F23 vs. L23	F2-3 up	GO:0005769	Metabolism	Transporters	early endosome	C	AT5G49720
13565	3	F23 vs. L23	F2-3 up	GO:0031901	Metabolism	Transporters	early endosome membrane	C	AT1G04760
13566	3	F23 vs. L23	F2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G03160
13567	3	F23 vs. L23	F2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT4G17170
13568	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G04430
13569	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G04760
13570	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G13860
13571	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G27930
13572	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G31850
13573	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G33170
13574	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G62360

13575	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G74380
13576	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G78240
13577	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G03240
13578	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G22900
13579	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G47160
13580	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G47650
13581	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G21190
13582	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G23300
13583	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G23820
13584	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G25140
13585	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G27230
13586	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G51070
13587	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G10440
13588	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G19120
13589	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G27720
13590	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G30996
13591	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G32410
13592	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G16910
13593	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G18280
13594	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G25610
13595	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G42050
13596	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G49720
13597	3	F23 vs. L23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G65810
13598	3	F23 vs. L23	F2-3 up	GO:0015093	Metabolism	Transporters	ferrous iron transmembrane transporter activity	F	AT1G16310
13599	3	F23 vs. L23	F2-3 up	GO:0015783	Metabolism	Transporters	GDP-fucose transmembrane transport	P	AT1G76670
13600	3	F23 vs. L23	F2-3 up	GO:0005457	Metabolism	Transporters	GDP-fucose transmembrane transporter activity	F	AT1G76670
13601	3	F23 vs. L23	F2-3 up	GO:0015152	Metabolism	Transporters	glucose-6-phosphate transmembrane transporter activity	F	AT1G61800
13602	3	F23 vs. L23	F2-3 up	GO:0015760	Metabolism	Transporters	glucose-6-phosphate transport	P	AT1G61800
13603	3	F23 vs. L23	F2-3 up	GO:1901349	Metabolism	Transporters	glucosinolate transport	P	AT3G47960
13604	3	F23 vs. L23	F2-3 up	GO:1901349	Metabolism	Transporters	glucosinolate transport	P	AT5G62680
13605	3	F23 vs. L23	F2-3 up	GO:0090448	Metabolism	Transporters	glucosinolate:proton symporter activity	F	AT3G47960
13606	3	F23 vs. L23	F2-3 up	GO:0090448	Metabolism	Transporters	glucosinolate:proton symporter activity	F	AT5G62680
13607	3	F23 vs. L23	F2-3 up	GO:0015168	Metabolism	Transporters	glycerol transmembrane transporter activity	F	AT1G80760
13608	3	F23 vs. L23	F2-3 up	GO:0005452	Metabolism	Transporters	inorganic anion exchanger activity	F	AT2G47160
13609	3	F23 vs. L23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT1G61800
13610	3	F23 vs. L23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT1G67940
13611	3	F23 vs. L23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT3G54700
13612	3	F23 vs. L23	F2-3 up	GO:0031359	Metabolism	Transporters	integral component of chloroplast outer membrane	C	AT3G06510
13613	3	F23 vs. L23	F2-3 up	GO:0120009	Metabolism	Transporters	intermembrane lipid transfer	P	AT3G21260
13614	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G61290
13615	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT2G15310
13616	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT2G21880
13617	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G03160
13618	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G03800
13619	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G21700
13620	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G62290
13621	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT4G17170
13622	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT4G17530
13623	3	F23 vs. L23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G54780
13624	3	F23 vs. L23	F2-3 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G54250
13625	3	F23 vs. L23	F2-3 up	GO:0015662	Metabolism	Transporters	ion transmembrane transporter activity, phosphorylative mechanism	F	AT1G54280

13626	3	F23 vs. L23	F2-3 up	GO:0006811	Metabolism	Transporters	ion transport	P	AT1G16370
13627	3	F23 vs. L23	F2-3 up	GO:0006811	Metabolism	Transporters	ion transport	P	ATMG00480
13628	3	F23 vs. L23	F2-3 up	GO:0034755	Metabolism	Transporters	iron ion transmembrane transport	P	AT2G38460
13629	3	F23 vs. L23	F2-3 up	GO:0005381	Metabolism	Transporters	iron ion transmembrane transporter activity	F	AT2G38460
13630	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G41830
13631	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G55570
13632	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT2G38460
13633	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G11050
13634	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13390
13635	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT5G01600
13636	3	F23 vs. L23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT5G60020
13637	3	F23 vs. L23	F2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G43210
13638	3	F23 vs. L23	F2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT5G27000
13639	3	F23 vs. L23	F2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT5G65460
13640	3	F23 vs. L23	F2-3 up	GO:0098712	Metabolism	Transporters	L-glutamate import across plasma membrane	P	AT2G39510
13641	3	F23 vs. L23	F2-3 up	GO:0015186	Metabolism	Transporters	L-glutamine transmembrane transporter activity	F	AT2G39510
13642	3	F23 vs. L23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G18280
13643	3	F23 vs. L23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G51600
13644	3	F23 vs. L23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G50800
13645	3	F23 vs. L23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G61690
13646	3	F23 vs. L23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G61700
13647	3	F23 vs. L23	F2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT3G51600
13648	3	F23 vs. L23	F2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G61690
13649	3	F23 vs. L23	F2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G61700
13650	3	F23 vs. L23	F2-3 up	GO:0000064	Metabolism	Transporters	L-ornithine transmembrane transporter activity	F	AT5G46800
13651	3	F23 vs. L23	F2-3 up	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT1G22550
13652	3	F23 vs. L23	F2-3 up	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT1G52190
13653	3	F23 vs. L23	F2-3 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT1G64150
13654	3	F23 vs. L23	F2-3 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT4G13800
13655	3	F23 vs. L23	F2-3 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT5G11960
13656	3	F23 vs. L23	F2-3 up	GO:0015693	Metabolism	Transporters	magnesium ion transport	P	AT4G13800
13657	3	F23 vs. L23	F2-3 up	GO:0071423	Metabolism	Transporters	malate transmembrane transport	P	AT4G24570
13658	3	F23 vs. L23	F2-3 up	GO:0015140	Metabolism	Transporters	malate transmembrane transporter activity	F	AT4G24570
13659	3	F23 vs. L23	F2-3 up	GO:0005384	Metabolism	Transporters	manganese ion transmembrane transporter activity	F	AT1G64150
13660	3	F23 vs. L23	F2-3 up	GO:0006828	Metabolism	Transporters	manganese ion transport	P	AT1G64150
13661	3	F23 vs. L23	F2-3 up	GO:0046873	Metabolism	Transporters	metal ion transmembrane transporter activity	F	AT1G31260
13662	3	F23 vs. L23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT1G51090
13663	3	F23 vs. L23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT1G71050
13664	3	F23 vs. L23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT4G35060
13665	3	F23 vs. L23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT5G17450
13666	3	F23 vs. L23	F2-3 up	GO:1990575	Metabolism	Transporters	mitochondrial L-ornithine transmembrane transport	P	AT5G46800
13667	3	F23 vs. L23	F2-3 up	GO:0006839	Metabolism	Transporters	mitochondrial transport	P	AT4G24570
13668	3	F23 vs. L23	F2-3 up	GO:0006839	Metabolism	Transporters	mitochondrial transport	P	AT5G46800
13669	3	F23 vs. L23	F2-3 up	GO:0015098	Metabolism	Transporters	molybdate ion transmembrane transporter activity	F	AT4G27720
13670	3	F23 vs. L23	F2-3 up	GO:0015689	Metabolism	Transporters	molybdate ion transport	P	AT4G27720
13671	3	F23 vs. L23	F2-3 up	GO:0008028	Metabolism	Transporters	monocarboxylic acid transmembrane transporter activity	F	AT4G12030
13672	3	F23 vs. L23	F2-3 up	GO:0015145	Metabolism	Transporters	monosaccharide transmembrane transporter activity	F	AT3G05960
13673	3	F23 vs. L23	F2-3 up	GO:0010360	Metabolism	Transporters	negative regulation of anion channel activity	P	AT4G05590
13674	3	F23 vs. L23	F2-3 up	GO:0010362	Metabolism	Transporters	negative regulation of anion channel activity by blue light	P	AT3G45780
13675	3	F23 vs. L23	F2-3 up	GO:1901017	Metabolism	Transporters	negative regulation of potassium ion transmembrane transporter activity	P	AT4G05590

13676	3	F23 vs. L23	F2-3 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT1G24400
13677	3	F23 vs. L23	F2-3 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT3G11900
13678	3	F23 vs. L23	F2-3 up	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT1G24400
13679	3	F23 vs. L23	F2-3 up	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT5G09220
13680	3	F23 vs. L23	F2-3 up	GO:1902025	Metabolism	Transporters	nitrate import	P	AT1G72180
13681	3	F23 vs. L23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT1G12110
13682	3	F23 vs. L23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT1G32450
13683	3	F23 vs. L23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT3G21670
13684	3	F23 vs. L23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT5G40890
13685	3	F23 vs. L23	F2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT1G12110
13686	3	F23 vs. L23	F2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT1G32450
13687	3	F23 vs. L23	F2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT5G40890
13688	3	F23 vs. L23	F2-3 up	GO:0008139	Metabolism	Transporters	nuclear localization sequence binding	F	AT4G16143
13689	3	F23 vs. L23	F2-3 up	GO:0005337	Metabolism	Transporters	nucleoside transmembrane transporter activity	F	AT3G51490
13690	3	F23 vs. L23	F2-3 up	GO:0005338	Metabolism	Transporters	nucleotide-sugar transmembrane transporter activity	F	AT1G21070
13691	3	F23 vs. L23	F2-3 up	GO:0005338	Metabolism	Transporters	nucleotide-sugar transmembrane transporter activity	F	AT1G76670
13692	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G22550
13693	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G52190
13694	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G68570
13695	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT2G26690
13696	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT2G40460
13697	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G53960
13698	3	F23 vs. L23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT5G14940
13699	3	F23 vs. L23	F2-3 up	GO:0006857	Metabolism	Transporters	oligopeptide transport	P	AT1G12110
13700	3	F23 vs. L23	F2-3 up	GO:0015850	Metabolism	Transporters	organic hydroxy compound transport	P	AT3G16340
13701	3	F23 vs. L23	F2-3 up	GO:0015822	Metabolism	Transporters	ornithine transport	P	AT5G46800
13702	3	F23 vs. L23	F2-3 up	GO:0015131	Metabolism	Transporters	oxaloacetate transmembrane transporter activity	F	AT4G24570
13703	3	F23 vs. L23	F2-3 up	GO:0015729	Metabolism	Transporters	oxaloacetate transport	P	AT4G24570
13704	3	F23 vs. L23	F2-3 up	GO:0015367	Metabolism	Transporters	oxoglutarate:malate antiporter activity	F	AT5G64280
13705	3	F23 vs. L23	F2-3 up	GO:1901140	Metabolism	Transporters	p-coumaryl alcohol transport	P	AT3G16340
13706	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G22550
13707	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G52190
13708	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G68570
13709	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT2G26690
13710	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT2G40460
13711	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G53960
13712	3	F23 vs. L23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT5G14940
13713	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G22550
13714	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G52190
13715	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G68570
13716	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT2G26690
13717	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT2G40460
13718	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G53960
13719	3	F23 vs. L23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT5G14940
13720	3	F23 vs. L23	F2-3 up	GO:1990429	Metabolism	Transporters	peroxisomal importomer complex	C	AT3G07560
13721	3	F23 vs. L23	F2-3 up	GO:0010233	Metabolism	Transporters	phloem transport	P	AT1G14920
13722	3	F23 vs. L23	F2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT1G67940
13723	3	F23 vs. L23	F2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT4G24570
13724	3	F23 vs. L23	F2-3 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT2G03240
13725	3	F23 vs. L23	F2-3 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT3G29060
13726	3	F23 vs. L23	F2-3 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT3G54700
13727	3	F23 vs. L23	F2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT2G03240

13728	3	F23 vs. L23	F2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G29060
13729	3	F23 vs. L23	F2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G54700
13730	3	F23 vs. L23	F2-3 up	GO:0015714	Metabolism	Transporters	phosphoenolpyruvate transport	P	AT1G61800
13731	3	F23 vs. L23	F2-3 up	GO:0015713	Metabolism	Transporters	phosphoglycerate transmembrane transport	P	AT1G61800
13732	3	F23 vs. L23	F2-3 up	GO:0015120	Metabolism	Transporters	phosphoglycerate transmembrane transporter activity	F	AT1G61800
13733	3	F23 vs. L23	F2-3 up	GO:0045332	Metabolism	Transporters	phospholipid translocation	P	AT1G54280
13734	3	F23 vs. L23	F2-3 up	GO:0015914	Metabolism	Transporters	phospholipid transport	P	AT4G36490
13735	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G09340
13736	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G20620
13737	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G28270
13738	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G35720
13739	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G41830
13740	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G42470
13741	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G44170
13742	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G60030
13743	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G62360
13744	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G62380
13745	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G63000
13746	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G78570
13747	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G10940
13748	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G16430
13749	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G22125
13750	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G30490
13751	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G30860
13752	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35840
13753	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36880
13754	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39210
13755	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39330
13756	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39700
13757	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G41480
13758	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44120
13759	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G03770
13760	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G04840
13761	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G05930
13762	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G07050
13763	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09440
13764	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G14420
13765	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G17390
13766	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G18780
13767	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G25170
13768	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G25290
13769	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G43210
13770	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G47960
13771	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G48990
13772	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G51600
13773	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G52470
13774	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G53420
13775	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G55610
13776	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G62290
13777	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G01850
13778	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G13930
13779	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G15630
13780	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G16143
13781	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G17530
13782	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G19410

13783	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G26100
13784	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G35060
13785	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G38400
13786	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39110
13787	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39640
13788	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G06320
13789	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G06850
13790	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09810
13791	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G13710
13792	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25980
13793	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G45280
13794	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G51890
13795	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G57350
13796	3	F23 vs. L23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G62680
13797	3	F23 vs. L23	F2-3 up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT3G05930
13798	3	F23 vs. L23	F2-3 up	GO:0071805	Metabolism	Transporters	potassium ion transmembrane transport	P	AT4G33530
13799	3	F23 vs. L23	F2-3 up	GO:0015079	Metabolism	Transporters	potassium ion transmembrane transporter activity	F	AT4G33530
13800	3	F23 vs. L23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT3G17630
13801	3	F23 vs. L23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT4G33530
13802	3	F23 vs. L23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G01690
13803	3	F23 vs. L23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G17860
13804	3	F23 vs. L23	F2-3 up	GO:0015386	Metabolism	Transporters	potassium:proton antiporter activity	F	AT1G32450
13805	3	F23 vs. L23	F2-3 up	GO:0016560	Metabolism	Transporters	protein import into peroxisome matrix, docking	P	AT3G07560
13806	3	F23 vs. L23	F2-3 up	GO:0045039	Metabolism	Transporters	protein insertion into mitochondrial inner membrane	P	AT5G24650
13807	3	F23 vs. L23	F2-3 up	GO:0070973	Metabolism	Transporters	protein localization to endoplasmic reticulum exit site	P	AT3G03160
13808	3	F23 vs. L23	F2-3 up	GO:0072659	Metabolism	Transporters	protein localization to plasma membrane	P	AT1G03050
13809	3	F23 vs. L23	F2-3 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	AT5G24650
13810	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G03550
13811	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G04760
13812	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G13890
13813	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G20840
13814	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G36490
13815	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G09550
13816	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G13990
13817	3	F23 vs. L23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G59730
13818	3	F23 vs. L23	F2-3 up	GO:0005345	Metabolism	Transporters	purine nucleobase transmembrane transporter activity	F	AT4G18220
13819	3	F23 vs. L23	F2-3 up	GO:0015211	Metabolism	Transporters	purine nucleoside transmembrane transporter activity	F	AT4G18220
13820	3	F23 vs. L23	F2-3 up	GO:0015865	Metabolism	Transporters	purine nucleotide transport	P	AT5G13490
13821	3	F23 vs. L23	F2-3 up	GO:0090481	Metabolism	Transporters	pyrimidine nucleotide-sugar transmembrane transport	P	AT3G59360
13822	3	F23 vs. L23	F2-3 up	GO:0015165	Metabolism	Transporters	pyrimidine nucleotide-sugar transmembrane transporter activity	F	AT3G59360
13823	3	F23 vs. L23	F2-3 up	GO:0050833	Metabolism	Transporters	pyruvate transmembrane transporter activity	F	AT4G05590
13824	3	F23 vs. L23	F2-3 up	GO:1901979	Metabolism	Transporters	regulation of inward rectifier potassium channel activity	P	AT2G31500
13825	3	F23 vs. L23	F2-3 up	GO:0034765	Metabolism	Transporters	regulation of ion transmembrane transport	P	AT5G40890
13826	3	F23 vs. L23	F2-3 up	GO:0010966	Metabolism	Transporters	regulation of phosphate transport	P	AT1G20823
13827	3	F23 vs. L23	F2-3 up	GO:0042306	Metabolism	Transporters	regulation of protein import into nucleus	P	AT5G41790
13828	3	F23 vs. L23	F2-3 up	GO:0010155	Metabolism	Transporters	regulation of proton transport	P	AT3G45780
13829	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G11840
13830	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G41830
13831	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G62290

13832	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G64190
13833	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G10940
13834	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G43570
13835	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G43590
13836	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G04720
13837	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G29360
13838	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G49110
13839	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G53980
13840	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G54960
13841	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G01610
13842	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G15210
13843	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G16660
13844	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G30530
13845	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G39730
13846	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G08370
13847	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G25980
13848	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G57560
13849	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G60360
13850	3	F23 vs. L23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G65760
13851	3	F23 vs. L23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G13890
13852	3	F23 vs. L23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G61290
13853	3	F23 vs. L23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT3G03800
13854	3	F23 vs. L23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G03050
13855	3	F23 vs. L23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G61290
13856	3	F23 vs. L23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT3G03800
13857	3	F23 vs. L23	F2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G61290
13858	3	F23 vs. L23	F2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT3G03800
13859	3	F23 vs. L23	F2-3 up	GO:0006814	Metabolism	Transporters	sodium ion transport	P	AT5G17860
13860	3	F23 vs. L23	F2-3 up	GO:0015385	Metabolism	Transporters	sodium:proton antiporter activity	F	AT3G17630
13861	3	F23 vs. L23	F2-3 up	GO:0015385	Metabolism	Transporters	sodium:proton antiporter activity	F	AT5G01690
13862	3	F23 vs. L23	F2-3 up	GO:0015299	Metabolism	Transporters	solute:proton antiporter activity	F	AT3G17630
13863	3	F23 vs. L23	F2-3 up	GO:0071422	Metabolism	Transporters	succinate transmembrane transport	P	AT4G24570
13864	3	F23 vs. L23	F2-3 up	GO:0015141	Metabolism	Transporters	succinate transmembrane transporter activity	F	AT4G24570
13865	3	F23 vs. L23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT1G22710
13866	3	F23 vs. L23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT3G48740
13867	3	F23 vs. L23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT5G50800
13868	3	F23 vs. L23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT1G22710
13869	3	F23 vs. L23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT3G48740
13870	3	F23 vs. L23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT5G50800
13871	3	F23 vs. L23	F2-3 up	GO:0008506	Metabolism	Transporters	sucrose:proton symporter activity	F	AT1G22710
13872	3	F23 vs. L23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT3G14770
13873	3	F23 vs. L23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT3G48740
13874	3	F23 vs. L23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G50800
13875	3	F23 vs. L23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT2G14750
13876	3	F23 vs. L23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT3G22890
13877	3	F23 vs. L23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G21990
13878	3	F23 vs. L23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G39940
13879	3	F23 vs. L23	F2-3 up	GO:0015116	Metabolism	Transporters	sulfate transmembrane transporter activity	F	AT4G24570
13880	3	F23 vs. L23	F2-3 up	GO:0008272	Metabolism	Transporters	sulfate transport	P	AT4G24570
13881	3	F23 vs. L23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G12110
13882	3	F23 vs. L23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G24400
13883	3	F23 vs. L23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G32450
13884	3	F23 vs. L23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G21670
13885	3	F23 vs. L23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G54700
13886	3	F23 vs. L23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT5G09220
13887	3	F23 vs. L23	F2-3 up	GO:0015117	Metabolism	Transporters	thiosulfate transmembrane transporter activity	F	AT4G24570

13888	3	F23 vs. L23	F2-3 up	GO:0015709	Metabolism	Transporters	thiosulfate transport	P	AT4G24570
13889	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G04430
13890	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G13860
13891	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G27930
13892	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G31850
13893	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G33170
13894	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G74380
13895	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G78240
13896	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G03240
13897	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G22900
13898	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G33100
13899	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G47650
13900	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G21190
13901	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G23300
13902	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G23820
13903	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G25140
13904	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G27230
13905	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G29060
13906	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G51070
13907	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G10440
13908	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G19120
13909	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G27720
13910	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G30996
13911	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G32410
13912	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G39350
13913	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G09870
13914	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G16910
13915	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G18280
13916	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G25610
13917	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G49720
13918	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G64740
13919	3	F23 vs. L23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G65810
13920	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G12110
13921	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G16370
13922	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G59870
13923	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G60030
13924	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G70610
13925	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G70940
13926	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G76670
13927	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G01320
13928	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G01420
13929	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G36830
13930	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G37180
13931	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G39210
13932	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G16340
13933	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G21670
13934	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G47960
13935	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G53420
13936	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G55100
13937	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G55640
13938	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G56950
13939	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G18050
13940	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G39030
13941	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G06530
13942	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G13490
13943	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G17860

13944	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G37810
13945	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G60740
13946	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G61700
13947	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G62680
13948	3	F23 vs. L23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G64280
13949	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G16370
13950	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G21070
13951	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G47530
13952	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G60030
13953	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G61800
13954	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G75500
13955	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G76670
13956	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G55640
13957	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G40890
13958	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G49130
13959	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G52450
13960	3	F23 vs. L23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G64280
13961	3	F23 vs. L23	F2-3 up	GO:0030133	Metabolism	Transporters	transport vesicle	C	AT1G61290
13962	3	F23 vs. L23	F2-3 up	GO:0030658	Metabolism	Transporters	transport vesicle membrane	C	AT1G03550
13963	3	F23 vs. L23	F2-3 up	GO:0030658	Metabolism	Transporters	transport vesicle membrane	C	AT2G20840
13964	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G60030
13965	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G67940
13966	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G70610
13967	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT2G40090
13968	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT4G04770
13969	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G02270
13970	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G44110
13971	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G60790
13972	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G61690
13973	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G61700
13974	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G64280
13975	3	F23 vs. L23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G64840
13976	3	F23 vs. L23	F2-3 up	GO:0071917	Metabolism	Transporters	triose-phosphate transmembrane transporter activity	F	AT1G61800
13977	3	F23 vs. L23	F2-3 up	GO:0072334	Metabolism	Transporters	UDP-galactose transmembrane transport	P	AT1G76670
13978	3	F23 vs. L23	F2-3 up	GO:0005459	Metabolism	Transporters	UDP-galactose transmembrane transporter activity	F	AT1G21070
13979	3	F23 vs. L23	F2-3 up	GO:0005459	Metabolism	Transporters	UDP-galactose transmembrane transporter activity	F	AT1G76670
13980	3	F23 vs. L23	F2-3 up	GO:0015786	Metabolism	Transporters	UDP-glucose transmembrane transport	P	AT1G76670
13981	3	F23 vs. L23	F2-3 up	GO:0005460	Metabolism	Transporters	UDP-glucose transmembrane transporter activity	F	AT1G76670
13982	3	F23 vs. L23	F2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT1G80760
13983	3	F23 vs. L23	F2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT2G36830
13984	3	F23 vs. L23	F2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT4G01470
13985	3	F23 vs. L23	F2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT2G36830
13986	3	F23 vs. L23	F2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT4G01470
13987	3	F23 vs. L23	F2-3 up	GO:0043182	Metabolism	Transporters	vacuolar sequestering of sodium ion	P	AT4G30996
13988	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G04760
13989	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G13890
13990	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT2G15310
13991	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT3G62290
13992	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G17530
13993	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G01430
13994	3	F23 vs. L23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G09550
13995	3	F23 vs. L23	F2-3 up	GO:0005247	Metabolism	Transporters	voltage-gated chloride channel activity	F	AT5G40890
13996	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT1G80760
13997	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G36830
13998	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G37180

13999	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G26520
14000	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G53420
14001	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT4G01470
14002	3	F23 vs. L23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT5G37810
14003	3	F23 vs. L23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT2G36830
14004	3	F23 vs. L23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT2G37180
14005	3	F23 vs. L23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT3G53420
14006	3	F23 vs. L23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT4G01470
14007	3	F23 vs. L23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT1G47530
14008	3	F23 vs. L23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT4G39030
14009	3	F23 vs. L23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT5G49130
14010	3	F23 vs. L23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT5G52450
14011	3	F23 vs. L23	F2-3 up	GO:0015341	Metabolism	Transporters	zinc efflux active transmembrane transporter activity	F	AT1G16310
14012	3	F23 vs. L23	F2-3 up	GO:0022883	Metabolism	Transporters	zinc efflux transmembrane transporter activity	F	AT2G48020
14013	3	F23 vs. L23	F2-3 up	GO:0071577	Metabolism	Transporters	zinc ion transmembrane transport	P	AT1G31260
14014	3	F23 vs. L23	F2-3 up	GO:0005385	Metabolism	Transporters	zinc ion transmembrane transporter activity	F	AT1G31260
14015	3	F23 vs. L23	F2-3 up	GO:0006829	Metabolism	Transporters	zinc ion transport	P	AT2G48020
14016	3	F23 vs. L23	F2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT1G44160
14017	3	F23 vs. L23	F2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT3G47940
14018	3	F23 vs. L23	F2-3 up	GO:0061077	Regulation	Protein modification	chaperone-mediated protein folding	P	AT5G64350
14019	3	F23 vs. L23	F2-3 up	GO:0043686	Regulation	Protein modification	co-translational protein modification	P	AT5G14660
14020	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G16410
14021	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27980
14022	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G44170
14023	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G44820
14024	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G62380
14025	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G68530
14026	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G69640
14027	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G70940
14028	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G75020
14029	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G76090
14030	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G76490
14031	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G01420
14032	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G24180
14033	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G29980
14034	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G30490
14035	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G31360
14036	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34460
14037	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35370
14038	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35840
14039	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36790
14040	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36880
14041	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37180
14042	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37760
14043	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37770
14044	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37970
14045	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G38280
14046	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G39420
14047	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G40890
14048	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G46210
14049	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G03640
14050	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G26520
14051	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G52720
14052	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G54960
14053	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G56950
14054	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G57010

14055	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G57020
14056	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G59530
14057	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G61990
14058	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G16660
14059	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G22750
14060	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G24510
14061	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G27790
14062	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G30996
14063	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G31080
14064	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G36250
14065	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G37430
14066	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G37760
14067	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G39730
14068	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G06850
14069	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G13710
14070	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G13930
14071	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G24140
14072	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G37300
14073	3	F23 vs. L23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G40010
14074	3	F23 vs. L23	F2-3 up	GO:0034663	Regulation	Protein modification	endoplasmic reticulum chaperone complex	C	AT4G16660
14075	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G06090
14076	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G12240
14077	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G13860
14078	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G16410
14079	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G27980
14080	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G33170
14081	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G68530
14082	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G69640
14083	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G76490
14084	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G17370
14085	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G29980
14086	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G31360
14087	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G46210
14088	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G03160
14089	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G11900
14090	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G45100
14091	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G48520
14092	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G51070
14093	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G56950
14094	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G10440
14095	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G13770
14096	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G19120
14097	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G06850
14098	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G37300
14099	3	F23 vs. L23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G57800
14100	3	F23 vs. L23	F2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT2G39730
14101	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03050
14102	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03230
14103	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03550
14104	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G04430
14105	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G05850
14106	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G07850
14107	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G09340
14108	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G12840
14109	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G13860
14110	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G21070

14111	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27930
14112	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G31850
14113	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G33170
14114	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G44170
14115	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G61800
14116	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G62380
14117	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G69640
14118	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G74380
14119	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G76670
14120	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G78240
14121	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G03240
14122	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G15310
14123	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G20840
14124	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G22900
14125	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G24180
14126	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G30010
14127	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G30490
14128	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G33100
14129	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G34850
14130	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G37970
14131	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39420
14132	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39730
14133	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47650
14134	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G09440
14135	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G21190
14136	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G23300
14137	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G23820
14138	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G25140
14139	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G26520
14140	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G27230
14141	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G28150
14142	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G29060
14143	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G44190
14144	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G47960
14145	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G57330
14146	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G58730
14147	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G59360
14148	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G62290
14149	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G10440
14150	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G13990
14151	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G16590
14152	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G16660
14153	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G17170
14154	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G17530
14155	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G19120
14156	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G20460
14157	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G22750
14158	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G27720
14159	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G30996
14160	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G31590
14161	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G32410
14162	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G38510
14163	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G38740
14164	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G39350
14165	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G06320
14166	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G09870

14167	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G15470
14168	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16910
14169	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G18280
14170	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G25610
14171	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G47910
14172	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G49720
14173	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G57560
14174	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G64740
14175	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G65810
14176	3	F23 vs. L23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G67210
14177	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G03550
14178	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G04430
14179	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G12240
14180	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G21070
14181	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G27930
14182	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G31850
14183	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G74380
14184	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G76670
14185	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G78240
14186	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G20840
14187	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G22900
14188	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G33100
14189	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G21190
14190	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G23300
14191	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G25140
14192	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G13990
14193	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G16590
14194	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G17530
14195	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G31590
14196	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G36490
14197	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G15470
14198	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G18280
14199	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G65810
14200	3	F23 vs. L23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G67210
14201	3	F23 vs. L23	F2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT3G59360
14202	3	F23 vs. L23	F2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT5G16910
14203	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G04430
14204	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G13860
14205	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G27930
14206	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G31850
14207	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G33170
14208	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G48600
14209	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G76090
14210	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G78240
14211	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G27590
14212	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G41380
14213	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G23300
14214	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G27230
14215	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G51070
14216	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G10440
14217	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G17080
14218	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G19120
14219	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G34050
14220	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G35150
14221	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G13710
14222	3	F23 vs. L23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G65810

14223	3	F23 vs. L23	F2-3 up	GO:0031365	Regulation	Protein modification	N-terminal protein amino acid modification	P	AT1G13270
14224	3	F23 vs. L23	F2-3 up	GO:0031365	Regulation	Protein modification	N-terminal protein amino acid modification	P	AT5G14660
14225	3	F23 vs. L23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT2G15310
14226	3	F23 vs. L23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT3G62290
14227	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT1G09340
14228	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT1G32060
14229	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G12780
14230	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G25760
14231	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G26650
14232	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G52880
14233	3	F23 vs. L23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT4G20360
14234	3	F23 vs. L23	F2-3 up	GO:0018230	Regulation	Protein modification	peptidyl-L-cysteine S-palmitoylation	P	AT4G22750
14235	3	F23 vs. L23	F2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G38740
14236	3	F23 vs. L23	F2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT5G64350
14237	3	F23 vs. L23	F2-3 up	GO:0016540	Regulation	Protein modification	protein autoprocessing	P	AT5G08100
14238	3	F23 vs. L23	F2-3 up	GO:0036524	Regulation	Protein modification	protein deglycase activity	F	AT1G53280
14239	3	F23 vs. L23	F2-3 up	GO:0036529	Regulation	Protein modification	protein deglycation, glyoxal removal	P	AT1G53280
14240	3	F23 vs. L23	F2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT5G22030
14241	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G09250
14242	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G59640
14243	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G61660
14244	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G63650
14245	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G77980
14246	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT3G54340
14247	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G00480
14248	3	F23 vs. L23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G35150
14249	3	F23 vs. L23	F2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT1G75690
14250	3	F23 vs. L23	F2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT3G54960
14251	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G28480
14252	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G50320
14253	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G59730
14254	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G64500
14255	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G15360
14256	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G62960
14257	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT4G15700
14258	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT5G18600
14259	3	F23 vs. L23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT5G38900
14260	3	F23 vs. L23	F2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT1G26480
14261	3	F23 vs. L23	F2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT2G31380
14262	3	F23 vs. L23	F2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT2G46830
14263	3	F23 vs. L23	F2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G09440
14264	3	F23 vs. L23	F2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G54960
14265	3	F23 vs. L23	F2-3 up	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT1G19550
14266	3	F23 vs. L23	F2-3 up	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT5G02790
14267	3	F23 vs. L23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT3G02570
14268	3	F23 vs. L23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT4G13990
14269	3	F23 vs. L23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT5G04500
14270	3	F23 vs. L23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT5G58770
14271	3	F23 vs. L23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT1G69120
14272	3	F23 vs. L23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G13570
14273	3	F23 vs. L23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G35940
14274	3	F23 vs. L23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G01410
14275	3	F23 vs. L23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G47670
14276	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G04400
14277	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G35720
14278	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G45474

14279	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G62360
14280	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G19570
14281	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G35940
14282	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G37630
14283	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G01680
14284	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G34710
14285	3	F23 vs. L23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G01410
14286	3	F23 vs. L23	F2-3 up	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT3G48740
14287	3	F23 vs. L23	F2-3 up	GO:0051289	Regulation	Protein modification	protein homotetramerization	P	AT1G32640
14288	3	F23 vs. L23	F2-3 up	GO:0005956	Regulation	Protein modification	protein kinase CK2 complex	C	AT3G50000
14289	3	F23 vs. L23	F2-3 up	GO:0006479	Regulation	Protein modification	protein methylation	P	AT1G27930
14290	3	F23 vs. L23	F2-3 up	GO:0008276	Regulation	Protein modification	protein methyltransferase activity	F	AT3G61990
14291	3	F23 vs. L23	F2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT4G38740
14292	3	F23 vs. L23	F2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT5G64350
14293	3	F23 vs. L23	F2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G01680
14294	3	F23 vs. L23	F2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT5G24650
14295	3	F23 vs. L23	F2-3 up	GO:0050821	Regulation	Protein modification	protein stabilization	P	AT5G61670
14296	3	F23 vs. L23	F2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT4G02890
14297	3	F23 vs. L23	F2-3 up	GO:0006605	Regulation	Protein modification	protein targeting	P	AT2G45770
14298	3	F23 vs. L23	F2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT4G22750
14299	3	F23 vs. L23	F2-3 up	GO:0019707	Regulation	Protein modification	protein-cysteine S-acyltransferase activity	F	AT4G22750
14300	3	F23 vs. L23	F2-3 up	GO:0019706	Regulation	Protein modification	protein-cysteine S-palmitoyltransferase activity	F	AT4G22750
14301	3	F23 vs. L23	F2-3 up	GO:0050790	Regulation	Protein modification	regulation of catalytic activity	P	AT4G01610
14302	3	F23 vs. L23	F2-3 up	GO:0043496	Regulation	Protein modification	regulation of protein homodimerization activity	P	AT2G46830
14303	3	F23 vs. L23	F2-3 up	GO:0006614	Regulation	Protein modification	SRP-dependent cotranslational protein targeting to membrane	P	AT2G45770
14304	3	F23 vs. L23	F2-3 up	GO:0018316	Regulation	Protein modification	peptide cross-linking via L-cystine	P	AT3G62410
14305	3	F23 vs. L23	F2-3 up	GO:0042586	Regulation	Protein modification	peptide deformylase activity	F	AT5G14660
14306	3	F23 vs. L23	F2-3 up	GO:0008113	Regulation	Protein modification	peptide-methionine (S)-S-oxide reductase activity	F	AT5G07460
14307	3	F23 vs. L23	F2-3 up	GO:0030835	Regulation	Regulation	negative regulation of actin filament depolymerization	P	AT4G38510
14308	3	F23 vs. L23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G10970
14309	3	F23 vs. L23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G47050
14310	3	F23 vs. L23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT3G15360
14311	3	F23 vs. L23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G50030
14312	3	F23 vs. L23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62350
14313	3	F23 vs. L23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62360
14314	3	F23 vs. L23	F2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT3G19980
14315	3	F23 vs. L23	F2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT5G56860
14316	3	F23 vs. L23	F2-3 up	GO:0045926	Regulation	Regulation	negative regulation of growth	P	AT3G16800
14317	3	F23 vs. L23	F2-3 up	GO:2000122	Regulation	Regulation	negative regulation of stomatal complex development	P	AT3G01500
14318	3	F23 vs. L23	F2-3 up	GO:0030836	Regulation	Regulation	positive regulation of actin filament depolymerization	P	AT2G01330
14319	3	F23 vs. L23	F2-3 up	GO:1904143	Regulation	Regulation	positive regulation of carotenoid biosynthetic process	P	AT5G61670
14320	3	F23 vs. L23	F2-3 up	GO:0045597	Regulation	Regulation	positive regulation of cell differentiation	P	AT4G32880
14321	3	F23 vs. L23	F2-3 up	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT3G15030
14322	3	F23 vs. L23	F2-3 up	GO:0048639	Regulation	Regulation	positive regulation of developmental growth	P	AT5G65810
14323	3	F23 vs. L23	F2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT1G04400
14324	3	F23 vs. L23	F2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G06850
14325	3	F23 vs. L23	F2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G08370
14326	3	F23 vs. L23	F2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G60910
14327	3	F23 vs. L23	F2-3 up	GO:0080114	Regulation	Regulation	positive regulation of glycine hydroxymethyltransferase activity	P	AT5G04140
14328	3	F23 vs. L23	F2-3 up	GO:0045927	Regulation	Regulation	positive regulation of growth	P	AT3G05500

14329	3	F23 vs. L23	F2-3 up	GO:0031116	Regulation	Regulation	positive regulation of microtubule polymerization	P	AT2G18390
14330	3	F23 vs. L23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT1G62380
14331	3	F23 vs. L23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT3G22840
14332	3	F23 vs. L23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT3G48990
14333	3	F23 vs. L23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT4G14690
14334	3	F23 vs. L23	F2-3 up	GO:0010063	Regulation	Regulation	positive regulation of trichoblast fate specification	P	AT2G46410
14335	3	F23 vs. L23	F2-3 up	GO:0051512	Regulation	Regulation	positive regulation of unidimensional cell growth	P	AT5G65810
14336	3	F23 vs. L23	F2-3 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT2G13680
14337	3	F23 vs. L23	F2-3 up	GO:0045995	Regulation	Regulation	regulation of embryonic development	P	AT3G07050
14338	3	F23 vs. L23	F2-3 up	GO:0045604	Regulation	Regulation	regulation of epidermal cell differentiation	P	AT3G07050
14339	3	F23 vs. L23	F2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT1G04400
14340	3	F23 vs. L23	F2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT1G20823
14341	3	F23 vs. L23	F2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT2G45190
14342	3	F23 vs. L23	F2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT3G21890
14343	3	F23 vs. L23	F2-3 up	GO:0010439	Regulation	Regulation	regulation of glucosinolate biosynthetic process	P	AT2G14750
14344	3	F23 vs. L23	F2-3 up	GO:0010439	Regulation	Regulation	regulation of glucosinolate biosynthetic process	P	AT4G39940
14345	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G10370
14346	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G78370
14347	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G23050
14348	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G54950
14349	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G61880
14350	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT4G39730
14351	3	F23 vs. L23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT5G11790
14352	3	F23 vs. L23	F2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT2G45190
14353	3	F23 vs. L23	F2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT3G07050
14354	3	F23 vs. L23	F2-3 up	GO:2000025	Regulation	Regulation	regulation of leaf formation	P	AT2G42200
14355	3	F23 vs. L23	F2-3 up	GO:1901371	Regulation	Regulation	regulation of leaf morphogenesis	P	AT1G04400
14356	3	F23 vs. L23	F2-3 up	GO:1901371	Regulation	Regulation	regulation of leaf morphogenesis	P	AT2G32460
14357	3	F23 vs. L23	F2-3 up	GO:1901141	Regulation	Regulation	regulation of lignin biosynthetic process	P	AT3G16340
14358	3	F23 vs. L23	F2-3 up	GO:1905038	Regulation	Regulation	regulation of membrane lipid metabolic process	P	AT1G54280
14359	3	F23 vs. L23	F2-3 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT1G04400
14360	3	F23 vs. L23	F2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G62360
14361	3	F23 vs. L23	F2-3 up	GO:0051171	Regulation	Regulation	regulation of nitrogen compound metabolic process	P	AT5G56860
14362	3	F23 vs. L23	F2-3 up	GO:0006808	Regulation	Regulation	regulation of nitrogen utilization	P	AT1G14920
14363	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G28270
14364	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G50610
14365	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G77980
14366	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G13680
14367	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G31500
14368	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G32460
14369	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G41630
14370	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT3G20190
14371	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT4G39110
14372	3	F23 vs. L23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT5G13990
14373	3	F23 vs. L23	F2-3 up	GO:2000214	Regulation	Regulation	regulation of proline metabolic process	P	AT1G61660
14374	3	F23 vs. L23	F2-3 up	GO:0010082	Regulation	Regulation	regulation of root meristem growth	P	AT1G70940
14375	3	F23 vs. L23	F2-3 up	GO:0010337	Regulation	Regulation	regulation of salicylic acid metabolic process	P	AT1G05850
14376	3	F23 vs. L23	F2-3 up	GO:2000652	Regulation	Regulation	regulation of secondary cell wall biogenesis	P	AT1G32640
14377	3	F23 vs. L23	F2-3 up	GO:2000652	Regulation	Regulation	regulation of secondary cell wall biogenesis	P	AT5G16600
14378	3	F23 vs. L23	F2-3 up	GO:2000032	Regulation	Regulation	regulation of secondary shoot formation	P	AT3G15030
14379	3	F23 vs. L23	F2-3 up	GO:0080050	Regulation	Regulation	regulation of seed development	P	AT5G56860
14380	3	F23 vs. L23	F2-3 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT2G45190
14381	3	F23 vs. L23	F2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT1G72180
14382	3	F23 vs. L23	F2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT3G15030
14383	3	F23 vs. L23	F2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT4G36710

14384	3	F23 vs. L23	F2-3 up	GO:0090153	Regulation	Regulation	regulation of sphingolipid biosynthetic process	P	AT1G42470
14385	3	F23 vs. L23	F2-3 up	GO:2000038	Regulation	Regulation	regulation of stomatal complex development	P	AT3G45640
14386	3	F23 vs. L23	F2-3 up	GO:2000037	Regulation	Regulation	regulation of stomatal complex patterning	P	AT3G45640
14387	3	F23 vs. L23	F2-3 up	GO:0033613	Regulation	Transcription	activating transcription factor binding	F	AT5G47670
14388	3	F23 vs. L23	F2-3 up	GO:0045014	Regulation	Transcription	carbon catabolite repression of transcription by glucose	P	AT4G03190
14389	3	F23 vs. L23	F2-3 up	GO:0031490	Regulation	Transcription	chromatin DNA binding	F	AT1G11950
14390	3	F23 vs. L23	F2-3 up	GO:0006338	Regulation	Transcription	chromatin remodeling	P	AT1G04400
14391	3	F23 vs. L23	F2-3 up	GO:0006338	Regulation	Transcription	chromatin remodeling	P	AT1G30810
14392	3	F23 vs. L23	F2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT3G17310
14393	3	F23 vs. L23	F2-3 up	GO:0001216	Regulation	Transcription	DNA-binding transcription activator activity	F	AT3G15030
14394	3	F23 vs. L23	F2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT1G61660
14395	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G01250
14396	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G01720
14397	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G09250
14398	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G14920
14399	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G23380
14400	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G26610
14401	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G27730
14402	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G30330
14403	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G32640
14404	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G35490
14405	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G59640
14406	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G61660
14407	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G62360
14408	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G63650
14409	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G64800
14410	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G64860
14411	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G69120
14412	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G77980
14413	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G80840
14414	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G13570
14415	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G17950
14416	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G23760
14417	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G31380
14418	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G32460
14419	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G35940
14420	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G37630
14421	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G40140
14422	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42200
14423	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G45190
14424	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G46410
14425	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G46830
14426	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G06490
14427	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G15030
14428	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G15540
14429	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G21890
14430	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G23050
14431	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G46600
14432	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G54340
14433	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G57600
14434	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G00480
14435	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G08150
14436	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G17230
14437	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G31800

14438	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G32800
14439	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G32880
14440	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G36710
14441	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G37180
14442	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G16600
14443	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G20240
14444	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G24120
14445	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G47670
14446	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G56860
14447	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G60450
14448	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G60910
14449	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G62020
14450	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G62570
14451	3	F23 vs. L23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G67300
14452	3	F23 vs. L23	F2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT1G64860
14453	3	F23 vs. L23	F2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT2G41630
14454	3	F23 vs. L23	F2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT5G24120
14455	3	F23 vs. L23	F2-3 up	GO:0016458	Regulation	Transcription	gene silencing	P	AT3G02470
14456	3	F23 vs. L23	F2-3 up	GO:0035195	Regulation	Transcription	gene silencing by miRNA	P	AT1G08830
14457	3	F23 vs. L23	F2-3 up	GO:0035195	Regulation	Transcription	gene silencing by miRNA	P	AT2G28190
14458	3	F23 vs. L23	F2-3 up	GO:0008883	Regulation	Transcription	glutamyl-tRNA reductase activity	F	AT1G58290
14459	3	F23 vs. L23	F2-3 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G67480
14460	3	F23 vs. L23	F2-3 up	GO:0032452	Regulation	Transcription	histone demethylase activity	F	AT1G30810
14461	3	F23 vs. L23	F2-3 up	GO:0032453	Regulation	Transcription	histone demethylase activity (H3-K4 specific)	F	AT1G30810
14462	3	F23 vs. L23	F2-3 up	GO:0032454	Regulation	Transcription	histone demethylase activity (H3-K9 specific)	F	AT1G11950
14463	3	F23 vs. L23	F2-3 up	GO:0034647	Regulation	Transcription	histone demethylase activity (H3-trimethyl-K4 specific)	F	AT1G30810
14464	3	F23 vs. L23	F2-3 up	GO:0043970	Regulation	Transcription	histone H3-K9 acetylation	P	AT5G09230
14465	3	F23 vs. L23	F2-3 up	GO:0033169	Regulation	Transcription	histone H3-K9 demethylation	P	AT1G11950
14466	3	F23 vs. L23	F2-3 up	GO:0035097	Regulation	Transcription	histone methyltransferase complex	C	AT1G30810
14467	3	F23 vs. L23	F2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G17370
14468	3	F23 vs. L23	F2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G22760
14469	3	F23 vs. L23	F2-3 up	GO:0010629	Regulation	Transcription	negative regulation of gene expression	P	AT4G37180
14470	3	F23 vs. L23	F2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT1G28480
14471	3	F23 vs. L23	F2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT5G18600
14472	3	F23 vs. L23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G27730
14473	3	F23 vs. L23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G80840
14474	3	F23 vs. L23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT2G37630
14475	3	F23 vs. L23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT2G46830
14476	3	F23 vs. L23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT3G07050
14477	3	F23 vs. L23	F2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT1G71770
14478	3	F23 vs. L23	F2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT5G22250
14479	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G37630
14480	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G44120
14481	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G07050
14482	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G17390
14483	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G50000
14484	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G01850
14485	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G16143
14486	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G20360
14487	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G09810
14488	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G50850
14489	3	F23 vs. L23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G67470
14490	3	F23 vs. L23	F2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT5G22250

14491	3	F23 vs. L23	F2-3 up	GO:0070816	Regulation	Transcription	phosphorylation of RNA polymerase II C-terminal domain	P	AT1G09600
14492	3	F23 vs. L23	F2-3 up	GO:0000427	Regulation	Transcription	plastid-encoded plastid RNA polymerase complex	C	AT1G09340
14493	3	F23 vs. L23	F2-3 up	GO:0008143	Regulation	Transcription	poly(A) binding	F	AT1G22760
14494	3	F23 vs. L23	F2-3 up	GO:0008143	Regulation	Transcription	poly(A) binding	F	AT1G71770
14495	3	F23 vs. L23	F2-3 up	GO:1903508	Regulation	Transcription	positive regulation of nucleic acid-templated transcription	P	AT1G14920
14496	3	F23 vs. L23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G69120
14497	3	F23 vs. L23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G77980
14498	3	F23 vs. L23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G54340
14499	3	F23 vs. L23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G20240
14500	3	F23 vs. L23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G60910
14501	3	F23 vs. L23	F2-3 up	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT1G09600
14502	3	F23 vs. L23	F2-3 up	GO:0061408	Regulation	Transcription	positive regulation of transcription from RNA polymerase II promoter in response to heat stress	P	AT5G62020
14503	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G09340
14504	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G32640
14505	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G61660
14506	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G69120
14507	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G13570
14508	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G32460
14509	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G46830
14510	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G57600
14511	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G63140
14512	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G24120
14513	3	F23 vs. L23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G47670
14514	3	F23 vs. L23	F2-3 up	GO:0051090	Regulation	Transcription	regulation of DNA-binding transcription factor activity	P	AT1G32640
14515	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT1G09340
14516	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT1G18150
14517	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT2G32460
14518	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT2G46830
14519	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT3G45640
14520	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT4G28490
14521	3	F23 vs. L23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT5G56860
14522	3	F23 vs. L23	F2-3 up	GO:2001141	Regulation	Transcription	regulation of RNA biosynthetic process	P	AT1G64860
14523	3	F23 vs. L23	F2-3 up	GO:2001141	Regulation	Transcription	regulation of RNA biosynthetic process	P	AT5G24120
14524	3	F23 vs. L23	F2-3 up	GO:0043619	Regulation	Transcription	regulation of transcription from RNA polymerase II promoter in response to oxidative stress	P	AT1G32640
14525	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G01250
14526	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G01720
14527	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G23380
14528	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G26610
14529	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G30330
14530	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G30810
14531	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G59640
14532	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G62360
14533	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G63650
14534	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G64800
14535	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G64860

14536	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G77980
14537	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G17950
14538	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G23760
14539	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31380
14540	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G35940
14541	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G40140
14542	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G40670
14543	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G41630
14544	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G42200
14545	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G15030
14546	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G15540
14547	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21890
14548	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G23050
14549	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G46600
14550	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G00480
14551	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G08150
14552	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G17230
14553	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G31800
14554	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G32800
14555	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G36710
14556	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37180
14557	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G47670
14558	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G56860
14559	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G60450
14560	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G65410
14561	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G67300
14562	3	F23 vs. L23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G67480
14563	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G09340
14564	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G22760
14565	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G54290
14566	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G62360
14567	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G71770
14568	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G72730
14569	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G78160
14570	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G02990
14571	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G19090
14572	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G15390
14573	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G22250
14574	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G54760
14575	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G54940
14576	3	F23 vs. L23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G56140
14577	3	F23 vs. L23	F2-3 up	GO:0034337	Regulation	Transcription	RNA folding	P	AT3G23700
14578	3	F23 vs. L23	F2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT3G02010
14579	3	F23 vs. L23	F2-3 up	GO:0001139	Regulation	Transcription	RNA polymerase II complex recruiting activity	F	AT2G41630
14580	3	F23 vs. L23	F2-3 up	GO:0000979	Regulation	Transcription	RNA polymerase II core promoter sequence-specific DNA binding	F	AT2G41630
14581	3	F23 vs. L23	F2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G09600
14582	3	F23 vs. L23	F2-3 up	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT1G61660
14583	3	F23 vs. L23	F2-3 up	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT5G62020
14584	3	F23 vs. L23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G69120
14585	3	F23 vs. L23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G77980

14586	3	F23 vs. L23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G54340
14587	3	F23 vs. L23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT5G60910
14588	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G14920
14589	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G27730
14590	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G30810
14591	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G32640
14592	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G59640
14593	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G61660
14594	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G62360
14595	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G69120
14596	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G77980
14597	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G13570
14598	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G32460
14599	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G37630
14600	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G46410
14601	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G46830
14602	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G06490
14603	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G15030
14604	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G46600
14605	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G54340
14606	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G57600
14607	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G08150
14608	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G17230
14609	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G31800
14610	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G32800
14611	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G36710
14612	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G16600
14613	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G47670
14614	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G56860
14615	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G60910
14616	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G62020
14617	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G62570
14618	3	F23 vs. L23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G67300
14619	3	F23 vs. L23	F2-3 up	GO:1990837	Regulation	Transcription	sequence-specific double-stranded DNA binding	F	AT3G15030
14620	3	F23 vs. L23	F2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT1G14920
14621	3	F23 vs. L23	F2-3 up	GO:0003712	Regulation	Transcription	transcription coregulator activity	F	AT5G67480
14622	3	F23 vs. L23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G69120
14623	3	F23 vs. L23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G77980
14624	3	F23 vs. L23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT2G41630
14625	3	F23 vs. L23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G54340
14626	3	F23 vs. L23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G24780
14627	3	F23 vs. L23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G60910
14628	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G01720
14629	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G01780
14630	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G14920
14631	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G23380
14632	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G26610
14633	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G27730
14634	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G30810
14635	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G32640
14636	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G69120
14637	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G77980
14638	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G80840
14639	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G22900

14640	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G32460
14641	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G37630
14642	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G46410
14643	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G06490
14644	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21890
14645	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G23050
14646	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G46600
14647	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G54340
14648	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G57600
14649	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G32800
14650	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G32880
14651	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37180
14652	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G16600
14653	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G20240
14654	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G56860
14655	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G60450
14656	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G60910
14657	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G62020
14658	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G65410
14659	3	F23 vs. L23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G67300
14660	3	F23 vs. L23	F2-3 up	GO:0000976	Regulation	Transcription	transcription regulatory region sequence-specific DNA binding	F	AT1G11950
14661	3	F23 vs. L23	F2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT2G37630
14662	3	F23 vs. L23	F2-3 up	GO:0097550	Regulation	Transcription	transcriptional preinitiation complex	C	AT2G41630
14663	3	F23 vs. L23	F2-3 up	GO:0001174	Regulation	Transcription	transcriptional start site selection at RNA polymerase II promoter	P	AT2G41630
14664	3	F23 vs. L23	F2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT4G20360
14665	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G22760
14666	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G54290
14667	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G71770
14668	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G72730
14669	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT3G19030
14670	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT3G56150
14671	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G35250
14672	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G54760
14673	3	F23 vs. L23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G54940
14674	3	F23 vs. L23	F2-3 up	GO:0030015	Regulation	Translation	CCR4-NOT core complex	C	AT5G22250
14675	3	F23 vs. L23	F2-3 up	GO:0002183	Regulation	Translation	cytoplasmic translational initiation	P	AT1G72730
14676	3	F23 vs. L23	F2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G44120
14677	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G11860
14678	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G20620
14679	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G21330
14680	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G44120
14681	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G04840
14682	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G09440
14683	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G14420
14684	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G18080
14685	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G25980
14686	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G35630
14687	3	F23 vs. L23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G38420
14688	3	F23 vs. L23	F2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G64510
14689	3	F23 vs. L23	F2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G04840
14690	3	F23 vs. L23	F2-3 up	GO:0071784	Regulation	Translation	endoplasmic reticulum cisternal network assembly	P	AT4G31080
14691	3	F23 vs. L23	F2-3 up	GO:0005852	Regulation	Translation	eukaryotic translation initiation factor 3 complex	C	AT3G56150
14692	3	F23 vs. L23	F2-3 up	GO:0004819	Regulation	Translation	glutamine-tRNA ligase activity	F	AT1G25350
14693	3	F23 vs. L23	F2-3 up	GO:0006425	Regulation	Translation	glutaminyl-tRNA aminoacylation	P	AT1G25350

14694	3	F23 vs. L23	F2-3 up	GO:0006424	Regulation	Translation	glutamyl-tRNA aminoacylation	P	AT1G25350
14695	3	F23 vs. L23	F2-3 up	GO:0000481	Regulation	Translation	maturation of 5S rRNA	P	AT3G23700
14696	3	F23 vs. L23	F2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G44120
14697	3	F23 vs. L23	F2-3 up	GO:0005763	Regulation	Translation	mitochondrial small ribosomal subunit	C	ATCG00820
14698	3	F23 vs. L23	F2-3 up	GO:0003730	Regulation	Translation	mRNA 3'-UTR binding	F	AT1G22760
14699	3	F23 vs. L23	F2-3 up	GO:0003730	Regulation	Translation	mRNA 3'-UTR binding	F	AT1G71770
14700	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G17370
14701	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G20620
14702	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G78160
14703	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G79270
14704	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G44120
14705	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G04840
14706	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G17390
14707	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G23700
14708	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G45780
14709	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G53420
14710	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G56150
14711	3	F23 vs. L23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G30510
14712	3	F23 vs. L23	F2-3 up	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT1G22760
14713	3	F23 vs. L23	F2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT5G22250
14714	3	F23 vs. L23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G20020
14715	3	F23 vs. L23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G22760
14716	3	F23 vs. L23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G68010
14717	3	F23 vs. L23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G71770
14718	3	F23 vs. L23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT3G63140
14719	3	F23 vs. L23	F2-3 up	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT1G09340
14720	3	F23 vs. L23	F2-3 up	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT3G08720
14721	3	F23 vs. L23	F2-3 up	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT3G08730
14722	3	F23 vs. L23	F2-3 up	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT3G63140
14723	3	F23 vs. L23	F2-3 up	GO:0060211	Regulation	Translation	regulation of nuclear-transcribed mRNA poly(A) tail shortening	P	AT1G22760
14724	3	F23 vs. L23	F2-3 up	GO:0051252	Regulation	Translation	regulation of RNA metabolic process	P	AT3G02770
14725	3	F23 vs. L23	F2-3 up	GO:0051252	Regulation	Translation	regulation of RNA metabolic process	P	AT5G16450
14726	3	F23 vs. L23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G21760
14727	3	F23 vs. L23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G22760
14728	3	F23 vs. L23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G54290
14729	3	F23 vs. L23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G71770
14730	3	F23 vs. L23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G78160
14731	3	F23 vs. L23	F2-3 up	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT2G02990
14732	3	F23 vs. L23	F2-3 up	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT3G04720
14733	3	F23 vs. L23	F2-3 up	GO:0008428	Regulation	Translation	ribonuclease inhibitor activity	F	AT3G02770
14734	3	F23 vs. L23	F2-3 up	GO:0008428	Regulation	Translation	ribonuclease inhibitor activity	F	AT5G16450
14735	3	F23 vs. L23	F2-3 up	GO:0033897	Regulation	Translation	ribonuclease T2 activity	F	AT2G02990
14736	3	F23 vs. L23	F2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT1G22760
14737	3	F23 vs. L23	F2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT1G71770
14738	3	F23 vs. L23	F2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT3G19090
14739	3	F23 vs. L23	F2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	ATCG00820
14740	3	F23 vs. L23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G09340
14741	3	F23 vs. L23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G68590
14742	3	F23 vs. L23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT2G18400
14743	3	F23 vs. L23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G30510
14744	3	F23 vs. L23	F2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT3G19800
14745	3	F23 vs. L23	F2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT1G72730
14746	3	F23 vs. L23	F2-3 up	GO:0006396	Regulation	Translation	RNA processing	P	AT1G04530

14747	3	F23 vs. L23	F2-3 up	GO:0006396	Regulation	Translation	RNA processing	P	AT3G19090
14748	3	F23 vs. L23	F2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G09340
14749	3	F23 vs. L23	F2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT2G18400
14750	3	F23 vs. L23	F2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G63140
14751	3	F23 vs. L23	F2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G09340
14752	3	F23 vs. L23	F2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G63140
14753	3	F23 vs. L23	F2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00820
14754	3	F23 vs. L23	F2-3 up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT1G64510
14755	3	F23 vs. L23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G64510
14756	3	F23 vs. L23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G68590
14757	3	F23 vs. L23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G18400
14758	3	F23 vs. L23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G44120
14759	3	F23 vs. L23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G30510
14760	3	F23 vs. L23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00820
14761	3	F23 vs. L23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G25350
14762	3	F23 vs. L23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G64510
14763	3	F23 vs. L23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G18400
14764	3	F23 vs. L23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G14660
14765	3	F23 vs. L23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G30510
14766	3	F23 vs. L23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00820
14767	3	F23 vs. L23	F2-3 up	GO:0031369	Regulation	Translation	translation initiation factor binding	F	AT3G56150
14768	3	F23 vs. L23	F2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT4G20360
14769	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G16720
14770	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G54290
14771	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G71770
14772	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT3G19030
14773	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT3G56150
14774	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT5G54760
14775	3	F23 vs. L23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT5G54940
14776	3	F23 vs. L23	F2-3 up	GO:0009020	Regulation	Translation	tRNA (guanosine-2'-O-)-methyltransferase activity	F	AT5G15390
14777	3	F23 vs. L23	F2-3 up	GO:0002938	Regulation	Translation	tRNA guanine ribose methylation	P	AT5G15390
14778	3	F23 vs. L23	F2-3 up	GO:0016031	Regulation	Translation	tRNA import into mitochondrion	P	AT5G24650
14779	3	F23 vs. L23	F2-3 up	GO:0004430	Signaling and response	Signaling	1-phosphatidylinositol 4-kinase activity	F	AT3G56600
14780	3	F23 vs. L23	F2-3 up	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT1G21980
14781	3	F23 vs. L23	F2-3 up	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT2G41210
14782	3	F23 vs. L23	F2-3 up	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT3G07960
14783	3	F23 vs. L23	F2-3 up	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT3G56960
14784	3	F23 vs. L23	F2-3 up	GO:0030797	Signaling and response	Signaling	24-methylenesterol C-methyltransferase activity	F	AT1G76090
14785	3	F23 vs. L23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT2G16430
14786	3	F23 vs. L23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G17790
14787	3	F23 vs. L23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G24890
14788	3	F23 vs. L23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT5G24780
14789	3	F23 vs. L23	F2-3 up	GO:0090630	Signaling and response	Signaling	activation of GTPase activity	P	AT5G54780
14790	3	F23 vs. L23	F2-3 up	GO:0010011	Signaling and response	Signaling	auxin binding	F	AT4G03190
14791	3	F23 vs. L23	F2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT1G75500
14792	3	F23 vs. L23	F2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT5G05730
14793	3	F23 vs. L23	F2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G70940
14794	3	F23 vs. L23	F2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G75500
14795	3	F23 vs. L23	F2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G78570
14796	3	F23 vs. L23	F2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT2G01420
14797	3	F23 vs. L23	F2-3 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT1G70940
14798	3	F23 vs. L23	F2-3 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT2G01420

14799	3	F23 vs. L23	F2-3 up	GO:0009850	Signaling and response	Signaling	auxin metabolic process	P	AT2G31750
14800	3	F23 vs. L23	F2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT1G70940
14801	3	F23 vs. L23	F2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT2G01420
14802	3	F23 vs. L23	F2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT5G13930
14803	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G12110
14804	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G14000
14805	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G30330
14806	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G70940
14807	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G75500
14808	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT2G01420
14809	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G15540
14810	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G23050
14811	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G54510
14812	3	F23 vs. L23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G60450
14813	3	F23 vs. L23	F2-3 up	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT1G04400
14814	3	F23 vs. L23	F2-3 up	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT3G45780
14815	3	F23 vs. L23	F2-3 up	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT4G38740
14816	3	F23 vs. L23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G14000
14817	3	F23 vs. L23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G50990
14818	3	F23 vs. L23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G38740
14819	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G35720
14820	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G64060
14821	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G76130
14822	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G77090
14823	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G15680
14824	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G17290
14825	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G31500
14826	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G39470
14827	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G03430
14828	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G51920
14829	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G05020
14830	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G26470
14831	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G27790
14832	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G17480
14833	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G47910
14834	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G54130
14835	3	F23 vs. L23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G54490
14836	3	F23 vs. L23	F2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G17290
14837	3	F23 vs. L23	F2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G31500
14838	3	F23 vs. L23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT1G28270
14839	3	F23 vs. L23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT2G18470
14840	3	F23 vs. L23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT3G25170
14841	3	F23 vs. L23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT3G51920
14842	3	F23 vs. L23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT4G26470
14843	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G18150
14844	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G65960
14845	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G17290
14846	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G22950
14847	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G31500
14848	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G33670
14849	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G21180
14850	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G43120
14851	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G57330
14852	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G54250

14853	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G62570
14854	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G64040
14855	3	F23 vs. L23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G67480
14856	3	F23 vs. L23	F2-3 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G17290
14857	3	F23 vs. L23	F2-3 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G31500
14858	3	F23 vs. L23	F2-3 up	GO:0007166	Signaling and response	Signaling	cell surface receptor signaling pathway	P	AT5G45840
14859	3	F23 vs. L23	F2-3 up	GO:0007267	Signaling and response	Signaling	cell-cell signaling	P	AT1G28270
14860	3	F23 vs. L23	F2-3 up	GO:0007267	Signaling and response	Signaling	cell-cell signaling	P	AT3G25170
14861	3	F23 vs. L23	F2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT3G22840
14862	3	F23 vs. L23	F2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT4G14690
14863	3	F23 vs. L23	F2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT5G24120
14864	3	F23 vs. L23	F2-3 up	GO:0080029	Signaling and response	Signaling	cellular response to boron-containing substance levels	P	AT1G80760
14865	3	F23 vs. L23	F2-3 up	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT5G23060
14866	3	F23 vs. L23	F2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT1G20823
14867	3	F23 vs. L23	F2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT2G46210
14868	3	F23 vs. L23	F2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT3G62410
14869	3	F23 vs. L23	F2-3 up	GO:0071280	Signaling and response	Signaling	cellular response to copper ion	P	AT1G08830
14870	3	F23 vs. L23	F2-3 up	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT3G22840
14871	3	F23 vs. L23	F2-3 up	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT4G14690
14872	3	F23 vs. L23	F2-3 up	GO:0071398	Signaling and response	Signaling	cellular response to fatty acid	P	AT1G05010
14873	3	F23 vs. L23	F2-3 up	GO:0071398	Signaling and response	Signaling	cellular response to fatty acid	P	AT1G62380
14874	3	F23 vs. L23	F2-3 up	GO:0071370	Signaling and response	Signaling	cellular response to gibberellin stimulus	P	AT1G12240
14875	3	F23 vs. L23	F2-3 up	GO:0071366	Signaling and response	Signaling	cellular response to indolebutyric acid stimulus	P	AT1G59870
14876	3	F23 vs. L23	F2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G07180
14877	3	F23 vs. L23	F2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G64860
14878	3	F23 vs. L23	F2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G68010
14879	3	F23 vs. L23	F2-3 up	GO:0043562	Signaling and response	Signaling	cellular response to nitrogen levels	P	AT5G64370
14880	3	F23 vs. L23	F2-3 up	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT3G22840
14881	3	F23 vs. L23	F2-3 up	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT4G14690
14882	3	F23 vs. L23	F2-3 up	GO:0071446	Signaling and response	Signaling	cellular response to salicylic acid stimulus	P	AT3G01420
14883	3	F23 vs. L23	F2-3 up	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT1G08830
14884	3	F23 vs. L23	F2-3 up	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT2G28190
14885	3	F23 vs. L23	F2-3 up	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT5G44110
14886	3	F23 vs. L23	F2-3 up	GO:1904482	Signaling and response	Signaling	cellular response to tetrahydrofolate	P	AT4G13930
14887	3	F23 vs. L23	F2-3 up	GO:0010617	Signaling and response	Signaling	circadian regulation of calcium ion oscillation	P	AT1G04400
14888	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT1G04400
14889	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT1G09340
14890	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT2G17840
14891	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT2G46830
14892	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G01060
14893	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G14620
14894	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G21890
14895	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G45780
14896	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G50000
14897	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G13930
14898	3	F23 vs. L23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT5G56860
14899	3	F23 vs. L23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT1G20620
14900	3	F23 vs. L23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT1G48030
14901	3	F23 vs. L23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G13930
14902	3	F23 vs. L23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT5G07440
14903	3	F23 vs. L23	F2-3 up	GO:0008180	Signaling and response	Signaling	COP9 signalosome	C	AT3G23050
14904	3	F23 vs. L23	F2-3 up	GO:0009691	Signaling and response	Signaling	cytokinin biosynthetic process	P	AT1G62360
14905	3	F23 vs. L23	F2-3 up	GO:0009691	Signaling and response	Signaling	cytokinin biosynthetic process	P	AT2G28305
14906	3	F23 vs. L23	F2-3 up	GO:0009736	Signaling and response	Signaling	cytokinin-activated signaling pathway	P	AT2G40670
14907	3	F23 vs. L23	F2-3 up	GO:0009736	Signaling and response	Signaling	cytokinin-activated signaling pathway	P	AT5G56860

14908	3	F23 vs. L23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT2G31830
14909	3	F23 vs. L23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G17790
14910	3	F23 vs. L23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT4G24890
14911	3	F23 vs. L23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G24780
14912	3	F23 vs. L23	F2-3 up	GO:0005513	Signaling and response	Signaling	detection of calcium ion	P	AT3G51920
14913	3	F23 vs. L23	F2-3 up	GO:0106167	Signaling and response	Signaling	extracellular ATP signaling	P	AT1G32640
14914	3	F23 vs. L23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT1G14920
14915	3	F23 vs. L23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT1G74670
14916	3	F23 vs. L23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G14900
14917	3	F23 vs. L23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G32460
14918	3	F23 vs. L23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G36830
14919	3	F23 vs. L23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT5G56860
14920	3	F23 vs. L23	F2-3 up	GO:1905200	Signaling and response	Signaling	gibberellic acid transmembrane transport	P	AT5G50800
14921	3	F23 vs. L23	F2-3 up	GO:1905201	Signaling and response	Signaling	gibberellin transmembrane transporter activity	F	AT5G50800
14922	3	F23 vs. L23	F2-3 up	GO:0010255	Signaling and response	Signaling	glucose mediated signaling pathway	P	AT5G56860
14923	3	F23 vs. L23	F2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT1G70940
14924	3	F23 vs. L23	F2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT2G18390
14925	3	F23 vs. L23	F2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT3G15540
14926	3	F23 vs. L23	F2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT3G23050
14927	3	F23 vs. L23	F2-3 up	GO:0008083	Signaling and response	Signaling	growth factor activity	F	AT5G65870
14928	3	F23 vs. L23	F2-3 up	GO:0102489	Signaling and response	Signaling	GTP phosphohydrolase activity	F	AT5G18280
14929	3	F23 vs. L23	F2-3 up	GO:0010274	Signaling and response	Signaling	hydrotropism	P	AT5G42680
14930	3	F23 vs. L23	F2-3 up	GO:0010279	Signaling and response	Signaling	indole-3-acetic acid amido synthetase activity	F	AT2G23170
14931	3	F23 vs. L23	F2-3 up	GO:0010279	Signaling and response	Signaling	indole-3-acetic acid amido synthetase activity	F	AT5G54510
14932	3	F23 vs. L23	F2-3 up	GO:0046855	Signaling and response	Signaling	inositol phosphate dephosphorylation	P	AT2G31830
14933	3	F23 vs. L23	F2-3 up	GO:0007229	Signaling and response	Signaling	integrin-mediated signaling pathway	P	AT4G18950
14934	3	F23 vs. L23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT1G18150
14935	3	F23 vs. L23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT1G78290
14936	3	F23 vs. L23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G17290
14937	3	F23 vs. L23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G20470
14938	3	F23 vs. L23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G31500
14939	3	F23 vs. L23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT3G45640
14940	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G17420
14941	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G70480
14942	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G72520
14943	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT2G06050
14944	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G25760
14945	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G45140
14946	3	F23 vs. L23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT5G63380
14947	3	F23 vs. L23	F2-3 up	GO:0120091	Signaling and response	Signaling	jasmonic acid hydrolase	F	AT2G38240
14948	3	F23 vs. L23	F2-3 up	GO:0120091	Signaling and response	Signaling	jasmonic acid hydrolase	F	AT5G05600
14949	3	F23 vs. L23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G14920
14950	3	F23 vs. L23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G19180
14951	3	F23 vs. L23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G28480
14952	3	F23 vs. L23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G32640
14953	3	F23 vs. L23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G63650
14954	3	F23 vs. L23	F2-3 up	GO:0009694	Signaling and response	Signaling	jasmonic acid metabolic process	P	AT3G48520
14955	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G50610
14956	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G72180
14957	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G78940
14958	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G20470
14959	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G08720
14960	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G08730
14961	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G12690
14962	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G13065
14963	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G20190

14964	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G45780
14965	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G50000
14966	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G15530
14967	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G20300
14968	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G25030
14969	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G28490
14970	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G39110
14971	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G05200
14972	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G12000
14973	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G56350
14974	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G58050
14975	3	F23 vs. L23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G63680
14976	3	F23 vs. L23	F2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT1G32640
14977	3	F23 vs. L23	F2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT3G11410
14978	3	F23 vs. L23	F2-3 up	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT1G04400
14979	3	F23 vs. L23	F2-3 up	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT2G46830
14980	3	F23 vs. L23	F2-3 up	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT5G06850
14981	3	F23 vs. L23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT2G30020
14982	3	F23 vs. L23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G02750
14983	3	F23 vs. L23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G11410
14984	3	F23 vs. L23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G12620
14985	3	F23 vs. L23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G16800
14986	3	F23 vs. L23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT4G31750
14987	3	F23 vs. L23	F2-3 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT1G18150
14988	3	F23 vs. L23	F2-3 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT3G45640
14989	3	F23 vs. L23	F2-3 up	GO:0080030	Signaling and response	Signaling	methyl indole-3-acetate esterase activity	F	AT2G45610
14990	3	F23 vs. L23	F2-3 up	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT3G22370
14991	3	F23 vs. L23	F2-3 up	GO:0042754	Signaling and response	Signaling	negative regulation of circadian rhythm	P	AT2G46830
14992	3	F23 vs. L23	F2-3 up	GO:0009938	Signaling and response	Signaling	negative regulation of gibberellic acid mediated signaling pathway	P	AT1G14920
14993	3	F23 vs. L23	F2-3 up	GO:0009938	Signaling and response	Signaling	negative regulation of gibberellic acid mediated signaling pathway	P	AT5G56860
14994	3	F23 vs. L23	F2-3 up	GO:0010100	Signaling and response	Signaling	negative regulation of photomorphogenesis	P	AT2G31380
14995	3	F23 vs. L23	F2-3 up	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT1G64060
14996	3	F23 vs. L23	F2-3 up	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT5G47910
14997	3	F23 vs. L23	F2-3 up	GO:0002221	Signaling and response	Signaling	pattern recognition receptor signaling pathway	P	AT3G49110
14998	3	F23 vs. L23	F2-3 up	GO:0002221	Signaling and response	Signaling	pattern recognition receptor signaling pathway	P	AT5G13160
14999	3	F23 vs. L23	F2-3 up	GO:0017046	Signaling and response	Signaling	peptide hormone binding	F	AT1G72180
15000	3	F23 vs. L23	F2-3 up	GO:0001653	Signaling and response	Signaling	peptide receptor activity	F	AT1G72180
15001	3	F23 vs. L23	F2-3 up	GO:0001653	Signaling and response	Signaling	peptide receptor activity	F	AT5G53890
15002	3	F23 vs. L23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G17290
15003	3	F23 vs. L23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G20470
15004	3	F23 vs. L23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G31500
15005	3	F23 vs. L23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G50000
15006	3	F23 vs. L23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G61160
15007	3	F23 vs. L23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT4G26100
15008	3	F23 vs. L23	F2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT3G50000
15009	3	F23 vs. L23	F2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT3G61160
15010	3	F23 vs. L23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT1G02390
15011	3	F23 vs. L23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT2G38110

15012	3	F23 vs. L23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT3G11410
15013	3	F23 vs. L23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT3G17790
15014	3	F23 vs. L23	F2-3 up	GO:0036149	Signaling and response	Signaling	phosphatidylinositol acyl-chain remodeling	P	AT1G75020
15015	3	F23 vs. L23	F2-3 up	GO:0046856	Signaling and response	Signaling	phosphatidylinositol dephosphorylation	P	AT2G31830
15016	3	F23 vs. L23	F2-3 up	GO:0046856	Signaling and response	Signaling	phosphatidylinositol dephosphorylation	P	AT5G04980
15017	3	F23 vs. L23	F2-3 up	GO:0016307	Signaling and response	Signaling	phosphatidylinositol phosphate kinase activity	F	AT1G21980
15018	3	F23 vs. L23	F2-3 up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT3G08510
15019	3	F23 vs. L23	F2-3 up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT5G58690
15020	3	F23 vs. L23	F2-3 up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT5G58700
15021	3	F23 vs. L23	F2-3 up	GO:0034485	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase activity	F	AT2G31830
15022	3	F23 vs. L23	F2-3 up	GO:0034485	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase activity	F	AT5G04980
15023	3	F23 vs. L23	F2-3 up	GO:0004439	Signaling and response	Signaling	phosphatidylinositol-4,5-bisphosphate 5-phosphatase activity	F	AT2G31830
15024	3	F23 vs. L23	F2-3 up	GO:0004439	Signaling and response	Signaling	phosphatidylinositol-4,5-bisphosphate 5-phosphatase activity	F	AT5G04980
15025	3	F23 vs. L23	F2-3 up	GO:0004618	Signaling and response	Signaling	phosphoglycerate kinase activity	F	AT3G12780
15026	3	F23 vs. L23	F2-3 up	GO:0008967	Signaling and response	Signaling	phosphoglycolate phosphatase activity	F	AT5G36700
15027	3	F23 vs. L23	F2-3 up	GO:0016004	Signaling and response	Signaling	phospholipase activator activity	F	AT3G62290
15028	3	F23 vs. L23	F2-3 up	GO:0004620	Signaling and response	Signaling	phospholipase activity	F	AT3G54950
15029	3	F23 vs. L23	F2-3 up	GO:0004629	Signaling and response	Signaling	phospholipase C activity	F	AT3G08510
15030	3	F23 vs. L23	F2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT3G11410
15031	3	F23 vs. L23	F2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT3G19980
15032	3	F23 vs. L23	F2-3 up	GO:0000156	Signaling and response	Signaling	phosphorelay response regulator activity	F	AT2G40670
15033	3	F23 vs. L23	F2-3 up	GO:0000160	Signaling and response	Signaling	phosphorelay signal transduction system	P	AT2G40670
15034	3	F23 vs. L23	F2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT1G50250
15035	3	F23 vs. L23	F2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT1G69640
15036	3	F23 vs. L23	F2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT2G31380
15037	3	F23 vs. L23	F2-3 up	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT1G12110
15038	3	F23 vs. L23	F2-3 up	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT1G30810
15039	3	F23 vs. L23	F2-3 up	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT5G48300
15040	3	F23 vs. L23	F2-3 up	GO:0009881	Signaling and response	Signaling	photoreceptor activity	F	AT2G47590
15041	3	F23 vs. L23	F2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT1G04400
15042	3	F23 vs. L23	F2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT2G30520
15043	3	F23 vs. L23	F2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT3G15540
15044	3	F23 vs. L23	F2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT3G45780
15045	3	F23 vs. L23	F2-3 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT1G70940
15046	3	F23 vs. L23	F2-3 up	GO:0010601	Signaling and response	Signaling	positive regulation of auxin biosynthetic process	P	AT3G08510
15047	3	F23 vs. L23	F2-3 up	GO:0010929	Signaling and response	Signaling	positive regulation of auxin mediated signaling pathway	P	AT5G67300
15048	3	F23 vs. L23	F2-3 up	GO:0090355	Signaling and response	Signaling	positive regulation of auxin metabolic process	P	AT1G75500
15049	3	F23 vs. L23	F2-3 up	GO:0009939	Signaling and response	Signaling	positive regulation of gibberellic acid mediated signaling pathway	P	AT1G14920
15050	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G17290
15051	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G31500
15052	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G03770
15053	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G45780
15054	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G61160
15055	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G28490
15056	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G39110
15057	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G13160
15058	3	F23 vs. L23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G53890
15059	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G30020
15060	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G02750
15061	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G05580

15062	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G11410
15063	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G12620
15064	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G16800
15065	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G19980
15066	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT4G31750
15067	3	F23 vs. L23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT5G43380
15068	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G18470
15069	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G30360
15070	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G31500
15071	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G03770
15072	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G07700
15073	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G08720
15074	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G08730
15075	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G12780
15076	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G20190
15077	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G24190
15078	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G45640
15079	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G45780
15080	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G18950
15081	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G28490
15082	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G31230
15083	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G39110
15084	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G12000
15085	3	F23 vs. L23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G13160
15086	3	F23 vs. L23	F2-3 up	GO:0000159	Signaling and response	Signaling	protein phosphatase type 2A complex	C	AT3G19980
15087	3	F23 vs. L23	F2-3 up	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT1G26480
15088	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G09600
15089	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G14000
15090	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G50610
15091	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G76370
15092	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G78290
15093	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G02800
15094	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G07180
15095	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G16750
15096	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G17220
15097	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G17290
15098	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G18470
15099	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G30360
15100	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G08720
15101	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G08730
15102	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G12690
15103	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G13065
15104	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G20190
15105	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G20530
15106	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G24190
15107	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G45640
15108	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G45780
15109	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G50000
15110	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G59830
15111	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G18950
15112	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G31230
15113	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G35500
15114	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G08160
15115	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G12000
15116	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G13160
15117	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G24080

15118	3	F23 vs. L23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G45840
15119	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G14000
15120	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G50610
15121	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G72180
15122	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G78290
15123	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G02800
15124	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G03410
15125	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G07180
15126	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G17220
15127	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G17290
15128	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G20470
15129	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G30360
15130	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G08720
15131	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G08730
15132	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G12690
15133	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G19980
15134	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G45780
15135	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G50000
15136	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G59830
15137	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G61160
15138	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G18950
15139	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G26100
15140	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G28490
15141	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G35500
15142	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G39110
15143	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G08160
15144	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G13160
15145	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G45840
15146	3	F23 vs. L23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G53890
15147	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G30020
15148	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G02750
15149	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G05580
15150	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G11410
15151	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G12620
15152	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G16800
15153	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT4G31750
15154	3	F23 vs. L23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT5G43380
15155	3	F23 vs. L23	F2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT1G14000
15156	3	F23 vs. L23	F2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT3G59830
15157	3	F23 vs. L23	F2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT4G18950
15158	3	F23 vs. L23	F2-3 up	GO:0047134	Signaling and response	Signaling	protein-disulfide reductase activity	F	AT1G50320
15159	3	F23 vs. L23	F2-3 up	GO:0047134	Signaling and response	Signaling	protein-disulfide reductase activity	F	AT3G15360
15160	3	F23 vs. L23	F2-3 up	GO:0005093	Signaling and response	Signaling	Rab GDP-dissociation inhibitor activity	F	AT5G09550
15161	3	F23 vs. L23	F2-3 up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G09550
15162	3	F23 vs. L23	F2-3 up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G54780
15163	3	F23 vs. L23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT2G21880
15164	3	F23 vs. L23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G21700
15165	3	F23 vs. L23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT4G17170
15166	3	F23 vs. L23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT4G17530
15167	3	F23 vs. L23	F2-3 up	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT1G12070
15168	3	F23 vs. L23	F2-3 up	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT1G62450
15169	3	F23 vs. L23	F2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G24540
15170	3	F23 vs. L23	F2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G37970
15171	3	F23 vs. L23	F2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT2G24540
15172	3	F23 vs. L23	F2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G38740
15173	3	F23 vs. L23	F2-3 up	GO:0010600	Signaling and response	Signaling	regulation of auxin biosynthetic process	P	AT5G05730

15174	3	F23 vs. L23	F2-3 up	GO:0010928	Signaling and response	Signaling	regulation of auxin mediated signaling pathway	P	AT1G27340
15175	3	F23 vs. L23	F2-3 up	GO:2000012	Signaling and response	Signaling	regulation of auxin polar transport	P	AT5G11790
15176	3	F23 vs. L23	F2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT1G04400
15177	3	F23 vs. L23	F2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT3G50000
15178	3	F23 vs. L23	F2-3 up	GO:0010371	Signaling and response	Signaling	regulation of gibberellin biosynthetic process	P	AT5G65410
15179	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G16310
15180	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G17380
15181	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G19180
15182	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G70700
15183	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT2G34600
15184	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT2G38240
15185	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G05600
15186	3	F23 vs. L23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G67300
15187	3	F23 vs. L23	F2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT1G04400
15188	3	F23 vs. L23	F2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT5G56860
15189	3	F23 vs. L23	F2-3 up	GO:0001932	Signaling and response	Signaling	regulation of protein phosphorylation	P	AT4G38740
15190	3	F23 vs. L23	F2-3 up	GO:2000030	Signaling and response	Signaling	regulation of response to red or far red light	P	AT1G78370
15191	3	F23 vs. L23	F2-3 up	GO:2000030	Signaling and response	Signaling	regulation of response to red or far red light	P	AT4G04770
15192	3	F23 vs. L23	F2-3 up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT1G72180
15193	3	F23 vs. L23	F2-3 up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT3G05930
15194	3	F23 vs. L23	F2-3 up	GO:0080142	Signaling and response	Signaling	regulation of salicylic acid biosynthetic process	P	AT5G62570
15195	3	F23 vs. L23	F2-3 up	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT1G16310
15196	3	F23 vs. L23	F2-3 up	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT5G67300
15197	3	F23 vs. L23	F2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT1G14920
15198	3	F23 vs. L23	F2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT5G56860
15199	3	F23 vs. L23	F2-3 up	GO:0060320	Signaling and response	Signaling	rejection of self pollen	P	AT5G26060
15200	3	F23 vs. L23	F2-3 up	GO:0048838	Signaling and response	Signaling	release of seed from dormancy	P	AT4G19230
15201	3	F23 vs. L23	F2-3 up	GO:0072722	Signaling and response	Signaling	response to amitrole	P	AT2G43570
15202	3	F23 vs. L23	F2-3 up	GO:0060359	Signaling and response	Signaling	response to ammonium ion	P	AT2G39770
15203	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G30330
15204	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G21220
15205	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G22240
15206	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G26740
15207	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G37630
15208	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G46830
15209	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G15540
15210	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G20220
15211	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G23050
15212	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G43120
15213	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G00880
15214	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G03190
15215	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G11280
15216	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G12410
15217	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G32880
15218	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G08640
15219	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G09810

15220	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G13930
15221	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G45890
15222	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G53590
15223	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G54490
15224	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G54510
15225	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G56860
15226	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G57560
15227	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G67300
15228	3	F23 vs. L23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G67480
15229	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT1G12240
15230	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT1G72520
15231	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT1G80460
15232	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT2G45220
15233	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G45140
15234	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G45640
15235	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT4G37990
15236	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G01600
15237	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G05730
15238	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G06320
15239	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G24530
15240	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G60600
15241	3	F23 vs. L23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G67160
15242	3	F23 vs. L23	F2-3 up	GO:0009607	Signaling and response	Signaling	response to biotic stimulus	P	AT2G33670
15243	3	F23 vs. L23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT1G04400
15244	3	F23 vs. L23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT1G19150
15245	3	F23 vs. L23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT3G45780
15246	3	F23 vs. L23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G24120
15247	3	F23 vs. L23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G38420
15248	3	F23 vs. L23	F2-3 up	GO:0010036	Signaling and response	Signaling	response to boron-containing substance	P	AT2G47160
15249	3	F23 vs. L23	F2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT5G57560
15250	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G07440
15251	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G11840
15252	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G11860
15253	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G20620
15254	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G35720
15255	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G42970
15256	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G48030
15257	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G70730
15258	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G21330
15259	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G30860
15260	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G30970
15261	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G35840
15262	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G37630
15263	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G37760
15264	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G41380
15265	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G46830
15266	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G02570
15267	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G04120
15268	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G09440
15269	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12780
15270	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G13110
15271	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G22890
15272	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G27300
15273	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G48990
15274	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G52880
15275	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G56240

15276	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G04460
15277	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G11600
15278	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G13930
15279	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G14880
15280	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G23100
15281	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G26970
15282	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G33010
15283	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G34050
15284	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G38740
15285	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G38970
15286	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G02790
15287	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G07440
15288	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G09650
15289	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G12170
15290	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G23120
15291	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G35630
15292	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G53460
15293	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G63680
15294	3	F23 vs. L23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G67300
15295	3	F23 vs. L23	F2-3 up	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT3G01500
15296	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G20823
15297	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G27730
15298	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G32640
15299	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G80840
15300	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT2G34600
15301	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT2G40140
15302	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G45640
15303	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G46600
15304	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G46620
15305	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G52800
15306	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G17230
15307	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G31800
15308	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G62020
15309	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G64660
15310	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G66070
15311	3	F23 vs. L23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G67300
15312	3	F23 vs. L23	F2-3 up	GO:0032025	Signaling and response	Signaling	response to cobalt ion	P	AT3G02570
15313	3	F23 vs. L23	F2-3 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT1G08830
15314	3	F23 vs. L23	F2-3 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT2G28190
15315	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT1G05850
15316	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT1G78240
15317	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT2G40670
15318	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT3G18780
15319	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT5G45890
15320	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT5G49720
15321	3	F23 vs. L23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT5G56860
15322	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT1G14920
15323	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT1G19150
15324	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT3G18780
15325	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT4G14690
15326	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G24120
15327	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G38420
15328	3	F23 vs. L23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G44110
15329	3	F23 vs. L23	F2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT1G74670
15330	3	F23 vs. L23	F2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT5G45890
15331	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT1G14920

15332	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT1G69530
15333	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT2G32460
15334	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT2G37630
15335	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT2G46830
15336	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G56860
15337	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G67300
15338	3	F23 vs. L23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G67480
15339	3	F23 vs. L23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G61800
15340	3	F23 vs. L23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G74670
15341	3	F23 vs. L23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT4G04040
15342	3	F23 vs. L23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G20700
15343	3	F23 vs. L23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G45890
15344	3	F23 vs. L23	F2-3 up	GO:0009629	Signaling and response	Signaling	response to gravity	P	AT1G78370
15345	3	F23 vs. L23	F2-3 up	GO:0009629	Signaling and response	Signaling	response to gravity	P	AT5G13930
15346	3	F23 vs. L23	F2-3 up	GO:0060416	Signaling and response	Signaling	response to growth hormone	P	AT1G10370
15347	3	F23 vs. L23	F2-3 up	GO:0009725	Signaling and response	Signaling	response to hormone	P	AT2G40710
15348	3	F23 vs. L23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT1G08830
15349	3	F23 vs. L23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT2G28190
15350	3	F23 vs. L23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G11050
15351	3	F23 vs. L23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT5G01600
15352	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G17380
15353	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G17420
15354	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G18150
15355	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G19180
15356	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G32640
15357	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G70700
15358	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G24210
15359	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G26690
15360	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G34600
15361	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G34810
15362	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G37630
15363	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39730
15364	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39770
15365	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G46410
15366	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G46830
15367	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G06490
15368	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G09940
15369	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G23050
15370	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G45140
15371	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G11280
15372	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G12030
15373	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G23100
15374	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G34710
15375	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G37760
15376	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G13930
15377	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G14200
15378	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G24780
15379	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67160
15380	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67300
15381	3	F23 vs. L23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67480
15382	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G07440
15383	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G10370
15384	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G10960
15385	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G44575
15386	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G61800
15387	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G74670

15388	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G78290
15389	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G80460
15390	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G23910
15391	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G29980
15392	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G30490
15393	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G37040
15394	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G09440
15395	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G21560
15396	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G22840
15397	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G61220
15398	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G03280
15399	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G27030
15400	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G34710
15401	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G02270
15402	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G05600
15403	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G07460
15404	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G08640
15405	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G57785
15406	3	F23 vs. L23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G62680
15407	3	F23 vs. L23	F2-3 up	GO:1902065	Signaling and response	Signaling	response to L-glutamate	P	AT3G45640
15408	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G04400
15409	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G16880
15410	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G19150
15411	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G20620
15412	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G42970
15413	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G45474
15414	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G48030
15415	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G55480
15416	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G58290
15417	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G68530
15418	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G70940
15419	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G79440
15420	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G28190
15421	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G30490
15422	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G39730
15423	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G02570
15424	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G19710
15425	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G23290
15426	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G26650
15427	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G49110
15428	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G62410
15429	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G02380
15430	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G38740
15431	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G04140
15432	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G08640
15433	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G09810
15434	3	F23 vs. L23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G56860
15435	3	F23 vs. L23	F2-3 up	GO:0010555	Signaling and response	Signaling	response to mannitol	P	AT1G72180
15436	3	F23 vs. L23	F2-3 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G20700
15437	3	F23 vs. L23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT1G05850
15438	3	F23 vs. L23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT1G12110
15439	3	F23 vs. L23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT1G32450
15440	3	F23 vs. L23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT2G15620
15441	3	F23 vs. L23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT3G21670
15442	3	F23 vs. L23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT5G40890
15443	3	F23 vs. L23	F2-3 up	GO:0010243	Signaling and response	Signaling	response to organonitrogen compound	P	AT2G46830

15444	3	F23 vs. L23	F2-3 up	GO:0080184	Signaling and response	Signaling	response to phenylpropanoid	P	AT2G01520
15445	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT1G19150
15446	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT1G69530
15447	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT3G18780
15448	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT4G14690
15449	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G24120
15450	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G38420
15451	3	F23 vs. L23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G44110
15452	3	F23 vs. L23	F2-3 up	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT4G19230
15453	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G28480
15454	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G80840
15455	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G37630
15456	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G40000
15457	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G46410
15458	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G46830
15459	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT3G01420
15460	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G31800
15461	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G39030
15462	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G06320
15463	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G24530
15464	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G67300
15465	3	F23 vs. L23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G67480
15466	3	F23 vs. L23	F2-3 up	GO:0010272	Signaling and response	Signaling	response to silver ion	P	AT2G43570
15467	3	F23 vs. L23	F2-3 up	GO:0050896	Signaling and response	Signaling	response to stimulus	P	AT2G47590
15468	3	F23 vs. L23	F2-3 up	GO:1902347	Signaling and response	Signaling	response to strigolactone	P	AT1G04400
15469	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G16880
15470	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G42970
15471	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G61800
15472	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G74670
15473	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G04120
15474	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G26650
15475	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G62410
15476	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G04140
15477	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20700
15478	3	F23 vs. L23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G45890
15479	3	F23 vs. L23	F2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT3G12610
15480	3	F23 vs. L23	F2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT4G13770
15481	3	F23 vs. L23	F2-3 up	GO:0010225	Signaling and response	Signaling	response to UV-C	P	AT3G50000
15482	3	F23 vs. L23	F2-3 up	GO:0010266	Signaling and response	Signaling	response to vitamin B1	P	AT2G29630
15483	3	F23 vs. L23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT2G01520
15484	3	F23 vs. L23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT2G30860
15485	3	F23 vs. L23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT3G02570
15486	3	F23 vs. L23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT5G01600
15487	3	F23 vs. L23	F2-3 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT1G12070
15488	3	F23 vs. L23	F2-3 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT1G62450
15489	3	F23 vs. L23	F2-3 up	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT4G39030
15490	3	F23 vs. L23	F2-3 up	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT5G67160
15491	3	F23 vs. L23	F2-3 up	GO:0009863	Signaling and response	Signaling	salicylic acid mediated signaling pathway	P	AT1G14920
15492	3	F23 vs. L23	F2-3 up	GO:0009863	Signaling and response	Signaling	salicylic acid mediated signaling pathway	P	AT1G28480
15493	3	F23 vs. L23	F2-3 up	GO:0006465	Signaling and response	Signaling	signal peptide processing	P	AT2G30440
15494	3	F23 vs. L23	F2-3 up	GO:0005047	Signaling and response	Signaling	signal recognition particle binding	F	AT2G45770
15495	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G18150
15496	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT2G30360
15497	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT2G30520
15498	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G12610
15499	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G45640

15500	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G54800
15501	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G61160
15502	3	F23 vs. L23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT4G38740
15503	3	F23 vs. L23	F2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT2G03410
15504	3	F23 vs. L23	F2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G40710
15505	3	F23 vs. L23	F2-3 up	GO:0007264	Signaling and response	Signaling	small GTPase mediated signal transduction	P	AT5G09550
15506	3	F23 vs. L23	F2-3 up	GO:0016229	Signaling and response	Signaling	steroid dehydrogenase activity	F	AT2G37760
15507	3	F23 vs. L23	F2-3 up	GO:0016229	Signaling and response	Signaling	steroid dehydrogenase activity	F	AT2G37770
15508	3	F23 vs. L23	F2-3 up	GO:0003838	Signaling and response	Signaling	sterol 24-C-methyltransferase activity	F	AT1G76090
15509	3	F23 vs. L23	F2-3 up	GO:0003838	Signaling and response	Signaling	sterol 24-C-methyltransferase activity	F	AT5G13710
15510	3	F23 vs. L23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT1G76090
15511	3	F23 vs. L23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT1G76490
15512	3	F23 vs. L23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT2G17370
15513	3	F23 vs. L23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT4G37760
15514	3	F23 vs. L23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT5G13710
15515	3	F23 vs. L23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT5G24140
15516	3	F23 vs. L23	F2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G15440
15517	3	F23 vs. L23	F2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G19230
15518	3	F23 vs. L23	F2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT1G04400
15519	3	F23 vs. L23	F2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT1G32080
15520	3	F23 vs. L23	F2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT3G56960
15521	3	F23 vs. L23	F2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT1G72180
15522	3	F23 vs. L23	F2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT4G28490
15523	3	F23 vs. L23	F2-3 up	GO:0009606	Signaling and response	Signaling	tropism	P	AT1G70940
15524	3	F23 vs. L23	F2-3 up	GO:0010050	Signaling and response	Signaling	vegetative phase change	P	AT5G60450
15525	3	F23 vs. L23	F2-3 up	GO:0010295	Signaling and response	Stress	(+)-abscisic acid 8'-hydroxylase activity	F	AT4G19230
15526	3	F23 vs. L23	F2-3 up	GO:0006075	Signaling and response	Stress	(1->3)-beta-D-glucan biosynthetic process	P	AT2G13680
15527	3	F23 vs. L23	F2-3 up	GO:0003843	Signaling and response	Stress	1,3-beta-D-glucan synthase activity	F	AT2G13680
15528	3	F23 vs. L23	F2-3 up	GO:0000148	Signaling and response	Stress	1,3-beta-D-glucan synthase complex	C	AT2G13680
15529	3	F23 vs. L23	F2-3 up	GO:0046345	Signaling and response	Stress	abscisic acid catabolic process	P	AT4G19230
15530	3	F23 vs. L23	F2-3 up	GO:0009687	Signaling and response	Stress	abscisic acid metabolic process	P	AT4G19230
15531	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G12240
15532	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G32640
15533	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G64060
15534	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G17290
15535	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G18470
15536	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G30020
15537	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G11410
15538	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G45640
15539	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G46620
15540	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G25980
15541	3	F23 vs. L23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G47670
15542	3	F23 vs. L23	F2-3 up	GO:0033741	Signaling and response	Stress	adenylyl-sulfate reductase (glutathione) activity	F	AT4G21990
15543	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT2G02990
15544	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT3G10985
15545	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT3G50210
15546	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT3G56240
15547	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT4G14880
15548	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G35630
15549	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G45890
15550	3	F23 vs. L23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G60360
15551	3	F23 vs. L23	F2-3 up	GO:0009916	Signaling and response	Stress	alternative oxidase activity	F	AT3G22370
15552	3	F23 vs. L23	F2-3 up	GO:0010230	Signaling and response	Stress	alternative respiration	P	AT2G18660
15553	3	F23 vs. L23	F2-3 up	GO:0010230	Signaling and response	Stress	alternative respiration	P	AT3G22370

15554	3	F23 vs. L23	F2-3 up	GO:0055081	Signaling and response	Stress	anion homeostasis	P	AT3G57330
15555	3	F23 vs. L23	F2-3 up	GO:0016209	Signaling and response	Stress	antioxidant activity	F	AT2G37240
15556	3	F23 vs. L23	F2-3 up	GO:1901683	Signaling and response	Stress	arsenate ion transmembrane transporter activity	F	AT3G54700
15557	3	F23 vs. L23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT1G70940
15558	3	F23 vs. L23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT2G01420
15559	3	F23 vs. L23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT2G23170
15560	3	F23 vs. L23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT5G54510
15561	3	F23 vs. L23	F2-3 up	GO:0055073	Signaling and response	Stress	cadmium ion homeostasis	P	AT1G71050
15562	3	F23 vs. L23	F2-3 up	GO:0055073	Signaling and response	Stress	cadmium ion homeostasis	P	AT5G17450
15563	3	F23 vs. L23	F2-3 up	GO:0015368	Signaling and response	Stress	calcium:cation antiporter activity	F	AT2G38170
15564	3	F23 vs. L23	F2-3 up	GO:0015369	Signaling and response	Stress	calcium:proton antiporter activity	F	AT2G38170
15565	3	F23 vs. L23	F2-3 up	GO:0005432	Signaling and response	Stress	calcium:sodium antiporter activity	F	AT5G17860
15566	3	F23 vs. L23	F2-3 up	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT1G35720
15567	3	F23 vs. L23	F2-3 up	GO:0052543	Signaling and response	Stress	callose deposition in cell wall	P	AT3G03250
15568	3	F23 vs. L23	F2-3 up	GO:0052543	Signaling and response	Stress	callose deposition in cell wall	P	AT5G50800
15569	3	F23 vs. L23	F2-3 up	GO:0033500	Signaling and response	Stress	carbohydrate homeostasis	P	AT1G64060
15570	3	F23 vs. L23	F2-3 up	GO:0033500	Signaling and response	Stress	carbohydrate homeostasis	P	AT5G47910
15571	3	F23 vs. L23	F2-3 up	GO:0004096	Signaling and response	Stress	catalase activity	F	AT1G20620
15572	3	F23 vs. L23	F2-3 up	GO:0004096	Signaling and response	Stress	catalase activity	F	AT4G39730
15573	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G28480
15574	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G48030
15575	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G50320
15576	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G56500
15577	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G59730
15578	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G64500
15579	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G76080
15580	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G11630
15581	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G15360
15582	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G26060
15583	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G54660
15584	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G54960
15585	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G62960
15586	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G15700
15587	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G21990
15588	3	F23 vs. L23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT5G18600
15589	3	F23 vs. L23	F2-3 up	GO:0006876	Signaling and response	Stress	cellular cadmium ion homeostasis	P	AT1G16310
15590	3	F23 vs. L23	F2-3 up	GO:0006874	Signaling and response	Stress	cellular calcium ion homeostasis	P	AT2G38170
15591	3	F23 vs. L23	F2-3 up	GO:0006878	Signaling and response	Stress	cellular copper ion homeostasis	P	AT3G15353
15592	3	F23 vs. L23	F2-3 up	GO:0006878	Signaling and response	Stress	cellular copper ion homeostasis	P	AT3G56240
15593	3	F23 vs. L23	F2-3 up	GO:0006879	Signaling and response	Stress	cellular iron ion homeostasis	P	AT1G16310
15594	3	F23 vs. L23	F2-3 up	GO:0006879	Signaling and response	Stress	cellular iron ion homeostasis	P	AT4G04770
15595	3	F23 vs. L23	F2-3 up	GO:0030026	Signaling and response	Stress	cellular manganese ion homeostasis	P	AT2G38170
15596	3	F23 vs. L23	F2-3 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT1G19550
15597	3	F23 vs. L23	F2-3 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT2G41480
15598	3	F23 vs. L23	F2-3 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT4G11600
15599	3	F23 vs. L23	F2-3 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT5G51890
15600	3	F23 vs. L23	F2-3 up	GO:0030643	Signaling and response	Stress	cellular phosphate ion homeostasis	P	AT3G17790
15601	3	F23 vs. L23	F2-3 up	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT1G61660
15602	3	F23 vs. L23	F2-3 up	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT5G41790
15603	3	F23 vs. L23	F2-3 up	GO:0071454	Signaling and response	Stress	cellular response to anoxia	P	AT3G62410
15604	3	F23 vs. L23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G09440
15605	3	F23 vs. L23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G22840
15606	3	F23 vs. L23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G62410
15607	3	F23 vs. L23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT4G14690
15608	3	F23 vs. L23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT5G62020
15609	3	F23 vs. L23	F2-3 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT3G22840

15610	3	F23 vs. L23	F2-3 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT4G14690
15611	3	F23 vs. L23	F2-3 up	GO:0071456	Signaling and response	Stress	cellular response to hypoxia	P	AT4G16660
15612	3	F23 vs. L23	F2-3 up	GO:0071484	Signaling and response	Stress	cellular response to light intensity	P	AT1G08830
15613	3	F23 vs. L23	F2-3 up	GO:0071484	Signaling and response	Stress	cellular response to light intensity	P	AT2G05620
15614	3	F23 vs. L23	F2-3 up	GO:0071484	Signaling and response	Stress	cellular response to light intensity	P	AT2G28190
15615	3	F23 vs. L23	F2-3 up	GO:0071732	Signaling and response	Stress	cellular response to nitric oxide	P	AT1G62380
15616	3	F23 vs. L23	F2-3 up	GO:0071732	Signaling and response	Stress	cellular response to nitric oxide	P	AT3G01420
15617	3	F23 vs. L23	F2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT1G20620
15618	3	F23 vs. L23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT1G08830
15619	3	F23 vs. L23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT2G28190
15620	3	F23 vs. L23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT3G07700
15621	3	F23 vs. L23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT3G26060
15622	3	F23 vs. L23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT5G07460
15623	3	F23 vs. L23	F2-3 up	GO:0071457	Signaling and response	Stress	cellular response to ozone	P	AT1G08830
15624	3	F23 vs. L23	F2-3 up	GO:0071457	Signaling and response	Stress	cellular response to ozone	P	AT2G28190
15625	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT1G20620
15626	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G02990
15627	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G03240
15628	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G16430
15629	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G22240
15630	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G03250
15631	3	F23 vs. L23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G29060
15632	3	F23 vs. L23	F2-3 up	GO:0034614	Signaling and response	Stress	cellular response to reactive oxygen species	P	AT3G01420
15633	3	F23 vs. L23	F2-3 up	GO:0071461	Signaling and response	Stress	cellular response to redox state	P	AT1G64860
15634	3	F23 vs. L23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT1G08830
15635	3	F23 vs. L23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT1G16370
15636	3	F23 vs. L23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT1G61660
15637	3	F23 vs. L23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G28190
15638	3	F23 vs. L23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT5G24120
15639	3	F23 vs. L23	F2-3 up	GO:0009267	Signaling and response	Stress	cellular response to starvation	P	AT3G50210
15640	3	F23 vs. L23	F2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT1G20620
15641	3	F23 vs. L23	F2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	ATCG00420
15642	3	F23 vs. L23	F2-3 up	GO:0097237	Signaling and response	Stress	cellular response to toxic substance	P	AT5G05600
15643	3	F23 vs. L23	F2-3 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT3G09440
15644	3	F23 vs. L23	F2-3 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT3G22840
15645	3	F23 vs. L23	F2-3 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT4G14690
15646	3	F23 vs. L23	F2-3 up	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT1G08830
15647	3	F23 vs. L23	F2-3 up	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT2G28190
15648	3	F23 vs. L23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G09340
15649	3	F23 vs. L23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G16370
15650	3	F23 vs. L23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G32080
15651	3	F23 vs. L23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G61660
15652	3	F23 vs. L23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G68010
15653	3	F23 vs. L23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT4G02380
15654	3	F23 vs. L23	F2-3 up	GO:0006882	Signaling and response	Stress	cellular zinc ion homeostasis	P	AT1G16310
15655	3	F23 vs. L23	F2-3 up	GO:0006882	Signaling and response	Stress	cellular zinc ion homeostasis	P	AT2G38170
15656	3	F23 vs. L23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT1G44160
15657	3	F23 vs. L23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G09440
15658	3	F23 vs. L23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G47940
15659	3	F23 vs. L23	F2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G18740
15660	3	F23 vs. L23	F2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT2G38170
15661	3	F23 vs. L23	F2-3 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT1G72730
15662	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G05010
15663	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G17380
15664	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G17420
15665	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G19610

15666	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G20823
15667	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G62380
15668	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G64060
15669	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G70700
15670	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G72520
15671	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G75500
15672	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G75800
15673	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G76370
15674	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G01520
15675	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02140
15676	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02800
15677	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G07180
15678	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G17220
15679	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G30860
15680	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G33670
15681	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G34600
15682	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G37040
15683	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G43590
15684	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G06490
15685	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G49110
15686	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G61220
15687	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G00360
15688	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G01610
15689	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G02380
15690	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G03190
15691	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G11280
15692	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G39030
15693	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G13160
15694	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G24780
15695	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G47910
15696	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G66070
15697	3	F23 vs. L23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G67160
15698	3	F23 vs. L23	F2-3 up	GO:0052542	Signaling and response	Stress	defense response by callose deposition	P	AT1G64060
15699	3	F23 vs. L23	F2-3 up	GO:0052544	Signaling and response	Stress	defense response by callose deposition in cell wall	P	AT1G59870
15700	3	F23 vs. L23	F2-3 up	GO:0052544	Signaling and response	Stress	defense response by callose deposition in cell wall	P	AT4G23100
15701	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G02205
15702	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G08830
15703	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G09340
15704	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G19180
15705	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G20020
15706	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G20850
15707	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G32060
15708	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G59870
15709	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G80460
15710	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G80840
15711	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G13810
15712	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G22240
15713	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G30860
15714	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G37630
15715	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39730
15716	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39770
15717	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G01420
15718	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G01500
15719	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G04720
15720	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G04790
15721	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G08510

15722	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G11630
15723	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G14420
15724	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G26520
15725	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G49110
15726	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G55800
15727	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G57330
15728	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G03280
15729	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G23100
15730	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G31750
15731	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G31800
15732	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G32260
15733	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G39030
15734	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G04720
15735	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G06320
15736	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G09230
15737	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G09650
15738	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G13160
15739	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G14740
15740	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G22250
15741	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G24530
15742	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G50850
15743	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G67300
15744	3	F23 vs. L23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	ATCG00120
15745	3	F23 vs. L23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT2G40000
15746	3	F23 vs. L23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT4G23100
15747	3	F23 vs. L23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT4G25030
15748	3	F23 vs. L23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT5G06320
15749	3	F23 vs. L23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT5G13160
15750	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G02205
15751	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G19610
15752	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G51090
15753	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G80840
15754	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02140
15755	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G22240
15756	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G30020
15757	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G37630
15758	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G38870
15759	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G39210
15760	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G40140
15761	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G01420
15762	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G23820
15763	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G48990
15764	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G49110
15765	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G11760
15766	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G19230
15767	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G23100
15768	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G31800
15769	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G47910
15770	3	F23 vs. L23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G67300
15771	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT1G20020

15772	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT1G29340
15773	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT1G59870
15774	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G01500
15775	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G04720
15776	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT5G38900
15777	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT5G45890
15778	3	F23 vs. L23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT5G58260
15779	3	F23 vs. L23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT2G45220
15780	3	F23 vs. L23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G14310
15781	3	F23 vs. L23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G23820
15782	3	F23 vs. L23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT4G28490
15783	3	F23 vs. L23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT4G33220
15784	3	F23 vs. L23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT3G48520
15785	3	F23 vs. L23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT4G23100
15786	3	F23 vs. L23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT5G25980
15787	3	F23 vs. L23	F2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G12170
15788	3	F23 vs. L23	F2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G24530
15789	3	F23 vs. L23	F2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT1G04400
15790	3	F23 vs. L23	F2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT2G22240
15791	3	F23 vs. L23	F2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT5G06320
15792	3	F23 vs. L23	F2-3 up	GO:0009814	Signaling and response	Stress	defense response, incompatible interaction	P	AT1G29340
15793	3	F23 vs. L23	F2-3 up	GO:0016045	Signaling and response	Stress	detection of bacterium	P	AT2G29630
15794	3	F23 vs. L23	F2-3 up	GO:0009727	Signaling and response	Stress	detection of ethylene stimulus	P	AT1G62380
15795	3	F23 vs. L23	F2-3 up	GO:0071585	Signaling and response	Stress	detoxification of cadmium ion	P	AT1G71050
15796	3	F23 vs. L23	F2-3 up	GO:0071585	Signaling and response	Stress	detoxification of cadmium ion	P	AT5G17450
15797	3	F23 vs. L23	F2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT2G37040
15798	3	F23 vs. L23	F2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT3G16800
15799	3	F23 vs. L23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT1G05010
15800	3	F23 vs. L23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT1G62380
15801	3	F23 vs. L23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT4G11280
15802	3	F23 vs. L23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G01250
15803	3	F23 vs. L23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G05850
15804	3	F23 vs. L23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G64060
15805	3	F23 vs. L23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT4G32800
15806	3	F23 vs. L23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G09230
15807	3	F23 vs. L23	F2-3 up	GO:0048307	Signaling and response	Stress	ferredoxin-nitrite reductase activity	F	AT2G15620
15808	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT2G38240
15809	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT2G40890
15810	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT3G51240
15811	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G05600
15812	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G08640
15813	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G13930
15814	3	F23 vs. L23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G24530
15815	3	F23 vs. L23	F2-3 up	GO:0009812	Signaling and response	Stress	flavonoid metabolic process	P	AT4G25640
15816	3	F23 vs. L23	F2-3 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT1G78570
15817	3	F23 vs. L23	F2-3 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT2G36790
15818	3	F23 vs. L23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G14920
15819	3	F23 vs. L23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G22840
15820	3	F23 vs. L23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G68570

15821	3	F23 vs. L23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT4G10040
15822	3	F23 vs. L23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT1G78370
15823	3	F23 vs. L23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT2G30860
15824	3	F23 vs. L23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT3G03190
15825	3	F23 vs. L23	F2-3 up	GO:0006750	Signaling and response	Stress	glutathione biosynthetic process	P	AT4G23100
15826	3	F23 vs. L23	F2-3 up	GO:0045174	Signaling and response	Stress	glutathione dehydrogenase (ascorbate) activity	F	AT1G19550
15827	3	F23 vs. L23	F2-3 up	GO:0016756	Signaling and response	Stress	glutathione gamma-glutamylcysteinyltransferase activity	F	AT4G39640
15828	3	F23 vs. L23	F2-3 up	GO:0036374	Signaling and response	Stress	glutathione hydrolase activity	F	AT4G39640
15829	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G10370
15830	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78320
15831	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78370
15832	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT2G02390
15833	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT2G30860
15834	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G03190
15835	3	F23 vs. L23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G54660
15836	3	F23 vs. L23	F2-3 up	GO:0004602	Signaling and response	Stress	glutathione peroxidase activity	F	AT2G30860
15837	3	F23 vs. L23	F2-3 up	GO:0004602	Signaling and response	Stress	glutathione peroxidase activity	F	AT2G31570
15838	3	F23 vs. L23	F2-3 up	GO:0004602	Signaling and response	Stress	glutathione peroxidase activity	F	AT4G11600
15839	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G10370
15840	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78320
15841	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78370
15842	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT2G02390
15843	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT2G30860
15844	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT3G03190
15845	3	F23 vs. L23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT5G02790
15846	3	F23 vs. L23	F2-3 up	GO:0034635	Signaling and response	Stress	glutathione transport	P	AT5G12170
15847	3	F23 vs. L23	F2-3 up	GO:0004362	Signaling and response	Stress	glutathione-disulfide reductase activity	F	AT3G54660
15848	3	F23 vs. L23	F2-3 up	GO:0010286	Signaling and response	Stress	heat acclimation	P	AT1G54280
15849	3	F23 vs. L23	F2-3 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT3G09440
15850	3	F23 vs. L23	F2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT1G64060
15851	3	F23 vs. L23	F2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT3G14420
15852	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G20620
15853	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT2G41480
15854	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT3G11630
15855	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT3G49110
15856	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT3G52880
15857	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT5G47000
15858	3	F23 vs. L23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT5G51890
15859	3	F23 vs. L23	F2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT2G36830
15860	3	F23 vs. L23	F2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT3G26520
15861	3	F23 vs. L23	F2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT3G53420
15862	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G14920
15863	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT3G55610
15864	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT4G30996
15865	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT4G32410
15866	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT5G01410
15867	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT5G49720
15868	3	F23 vs. L23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT5G50720
15869	3	F23 vs. L23	F2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT4G39030
15870	3	F23 vs. L23	F2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT5G13160
15871	3	F23 vs. L23	F2-3 up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT4G26260
15872	3	F23 vs. L23	F2-3 up	GO:0052658	Signaling and response	Stress	inositol-1,4,5-trisphosphate 5-phosphatase activity	F	AT2G31830
15873	3	F23 vs. L23	F2-3 up	GO:0044419	Signaling and response	Stress	interspecies interaction between organisms	P	AT4G31750
15874	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G41830
15875	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G55570

15876	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G07700
15877	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13390
15878	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G01600
15879	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G51720
15880	3	F23 vs. L23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G60020
15881	3	F23 vs. L23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT1G19610
15882	3	F23 vs. L23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02140
15883	3	F23 vs. L23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT3G04720
15884	3	F23 vs. L23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT4G11760
15885	3	F23 vs. L23	F2-3 up	GO:0004462	Signaling and response	Stress	lactoylglutathione lyase activity	F	AT1G11840
15886	3	F23 vs. L23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT1G05010
15887	3	F23 vs. L23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT1G62380
15888	3	F23 vs. L23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT3G51240
15889	3	F23 vs. L23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT5G08640
15890	3	F23 vs. L23	F2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT2G39770
15891	3	F23 vs. L23	F2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT4G26260
15892	3	F23 vs. L23	F2-3 up	GO:0019243	Signaling and response	Stress	methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione	P	AT1G11840
15893	3	F23 vs. L23	F2-3 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT3G09440
15894	3	F23 vs. L23	F2-3 up	GO:0016656	Signaling and response	Stress	monodehydroascorbate reductase (NADH) activity	F	AT3G09940
15895	3	F23 vs. L23	F2-3 up	GO:0016656	Signaling and response	Stress	monodehydroascorbate reductase (NADH) activity	F	AT3G52880
15896	3	F23 vs. L23	F2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT1G01720
15897	3	F23 vs. L23	F2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT3G11410
15898	3	F23 vs. L23	F2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT5G66070
15899	3	F23 vs. L23	F2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT1G59870
15900	3	F23 vs. L23	F2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT4G39030
15901	3	F23 vs. L23	F2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT5G09230
15902	3	F23 vs. L23	F2-3 up	GO:1900425	Signaling and response	Stress	negative regulation of defense response to bacterium	P	AT1G51090
15903	3	F23 vs. L23	F2-3 up	GO:1900425	Signaling and response	Stress	negative regulation of defense response to bacterium	P	AT3G12620
15904	3	F23 vs. L23	F2-3 up	GO:1902478	Signaling and response	Stress	negative regulation of defense response to bacterium, incompatible interaction	P	AT5G62570
15905	3	F23 vs. L23	F2-3 up	GO:1900366	Signaling and response	Stress	negative regulation of defense response to insect	P	AT3G22400
15906	3	F23 vs. L23	F2-3 up	GO:0080148	Signaling and response	Stress	negative regulation of response to water deprivation	P	AT1G10370
15907	3	F23 vs. L23	F2-3 up	GO:0010187	Signaling and response	Stress	negative regulation of seed germination	P	AT1G14920
15908	3	F23 vs. L23	F2-3 up	GO:0010187	Signaling and response	Stress	negative regulation of seed germination	P	AT5G56860
15909	3	F23 vs. L23	F2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G22250
15910	3	F23 vs. L23	F2-3 up	GO:0050421	Signaling and response	Stress	nitrite reductase (NO-forming) activity	F	AT2G15620
15911	3	F23 vs. L23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT1G44575
15912	3	F23 vs. L23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT1G56500
15913	3	F23 vs. L23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT4G03280
15914	3	F23 vs. L23	F2-3 up	GO:0051920	Signaling and response	Stress	peroxiredoxin activity	F	AT3G11630
15915	3	F23 vs. L23	F2-3 up	GO:0051920	Signaling and response	Stress	peroxiredoxin activity	F	AT3G26060
15916	3	F23 vs. L23	F2-3 up	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT2G38170
15917	3	F23 vs. L23	F2-3 up	GO:0046854	Signaling and response	Stress	phosphatidylinositol phosphorylation	P	AT1G21980
15918	3	F23 vs. L23	F2-3 up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT3G08510
15919	3	F23 vs. L23	F2-3 up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT5G58690
15920	3	F23 vs. L23	F2-3 up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT5G58700
15921	3	F23 vs. L23	F2-3 up	GO:0047066	Signaling and response	Stress	phospholipid-hydroperoxide glutathione peroxidase activity	F	AT4G11600
15922	3	F23 vs. L23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT1G27730

15923	3	F23 vs. L23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT2G05620
15924	3	F23 vs. L23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT3G22840
15925	3	F23 vs. L23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT4G14690
15926	3	F23 vs. L23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT1G29340
15927	3	F23 vs. L23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT3G01420
15928	3	F23 vs. L23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT3G45640
15929	3	F23 vs. L23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G37990
15930	3	F23 vs. L23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G38740
15931	3	F23 vs. L23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G54250
15932	3	F23 vs. L23	F2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT2G32460
15933	3	F23 vs. L23	F2-3 up	GO:0009963	Signaling and response	Stress	positive regulation of flavonoid biosynthetic process	P	AT1G32640
15934	3	F23 vs. L23	F2-3 up	GO:0043068	Signaling and response	Stress	positive regulation of programmed cell death	P	AT2G32460
15935	3	F23 vs. L23	F2-3 up	GO:2000379	Signaling and response	Stress	positive regulation of reactive oxygen species metabolic process	P	AT1G04400
15936	3	F23 vs. L23	F2-3 up	GO:1902584	Signaling and response	Stress	positive regulation of response to water deprivation	P	AT3G05500
15937	3	F23 vs. L23	F2-3 up	GO:0055075	Signaling and response	Stress	potassium ion homeostasis	P	AT1G32450
15938	3	F23 vs. L23	F2-3 up	GO:0080136	Signaling and response	Stress	priming of cellular response to stress	P	AT3G45640
15939	3	F23 vs. L23	F2-3 up	GO:0002020	Signaling and response	Stress	protease binding	F	AT3G09440
15940	3	F23 vs. L23	F2-3 up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT3G09440
15941	3	F23 vs. L23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT3G09440
15942	3	F23 vs. L23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT4G38740
15943	3	F23 vs. L23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT1G64060
15944	3	F23 vs. L23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT1G79440
15945	3	F23 vs. L23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT3G49110
15946	3	F23 vs. L23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G47910
15947	3	F23 vs. L23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G51720
15948	3	F23 vs. L23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G62520
15949	3	F23 vs. L23	F2-3 up	GO:0009787	Signaling and response	Stress	regulation of abscisic acid-activated signaling pathway	P	AT1G16310
15950	3	F23 vs. L23	F2-3 up	GO:0010359	Signaling and response	Stress	regulation of anion channel activity	P	AT2G17290
15951	3	F23 vs. L23	F2-3 up	GO:1900067	Signaling and response	Stress	regulation of cellular response to alkaline pH	P	AT1G19180
15952	3	F23 vs. L23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G17380
15953	3	F23 vs. L23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G19180
15954	3	F23 vs. L23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G70700
15955	3	F23 vs. L23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G80840
15956	3	F23 vs. L23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT2G34600
15957	3	F23 vs. L23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT4G31800
15958	3	F23 vs. L23	F2-3 up	GO:1900424	Signaling and response	Stress	regulation of defense response to bacterium	P	AT5G67160
15959	3	F23 vs. L23	F2-3 up	GO:1900150	Signaling and response	Stress	regulation of defense response to fungus	P	AT5G67160
15960	3	F23 vs. L23	F2-3 up	GO:1900150	Signaling and response	Stress	regulation of defense response to fungus	P	AT5G67300
15961	3	F23 vs. L23	F2-3 up	GO:2000068	Signaling and response	Stress	regulation of defense response to insect	P	AT1G32640
15962	3	F23 vs. L23	F2-3 up	GO:0050691	Signaling and response	Stress	regulation of defense response to virus by host	P	AT1G80840
15963	3	F23 vs. L23	F2-3 up	GO:0050691	Signaling and response	Stress	regulation of defense response to virus by host	P	AT4G31800
15964	3	F23 vs. L23	F2-3 up	GO:0045088	Signaling and response	Stress	regulation of innate immune response	P	AT2G37630
15965	3	F23 vs. L23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT1G80660
15966	3	F23 vs. L23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT2G07560
15967	3	F23 vs. L23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G42640
15968	3	F23 vs. L23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G60330
15969	3	F23 vs. L23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT5G57350
15970	3	F23 vs. L23	F2-3 up	GO:0006885	Signaling and response	Stress	regulation of pH	P	AT3G17630
15971	3	F23 vs. L23	F2-3 up	GO:0006885	Signaling and response	Stress	regulation of pH	P	AT5G01690
15972	3	F23 vs. L23	F2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT1G14920
15973	3	F23 vs. L23	F2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT1G61660

15974	3	F23 vs. L23	F2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT4G22750
15975	3	F23 vs. L23	F2-3 up	GO:2001020	Signaling and response	Stress	regulation of response to DNA damage stimulus	P	AT3G50000
15976	3	F23 vs. L23	F2-3 up	GO:1901031	Signaling and response	Stress	regulation of response to reactive oxygen species	P	AT3G07700
15977	3	F23 vs. L23	F2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT4G05590
15978	3	F23 vs. L23	F2-3 up	GO:2000033	Signaling and response	Stress	regulation of seed dormancy process	P	AT1G14920
15979	3	F23 vs. L23	F2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G23060
15980	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G64060
15981	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G69530
15982	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT2G17290
15983	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G01500
15984	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G11410
15985	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G45780
15986	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G18950
15987	3	F23 vs. L23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT5G25980
15988	3	F23 vs. L23	F2-3 up	GO:1902456	Signaling and response	Stress	regulation of stomatal opening	P	AT2G17290
15989	3	F23 vs. L23	F2-3 up	GO:0043903	Signaling and response	Stress	regulation of symbiosis, encompassing mutualism through parasitism	P	AT3G09940
15990	3	F23 vs. L23	F2-3 up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT3G08510
15991	3	F23 vs. L23	F2-3 up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT5G58690
15992	3	F23 vs. L23	F2-3 up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT5G58700
15993	3	F23 vs. L23	F2-3 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT1G08830
15994	3	F23 vs. L23	F2-3 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT2G28190
15995	3	F23 vs. L23	F2-3 up	GO:0002679	Signaling and response	Stress	respiratory burst involved in defense response	P	AT1G64060
15996	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G14920
15997	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G27730
15998	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G32080
15999	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G32640
16000	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G35720
16001	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G44170
16002	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G59870
16003	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G17290
16004	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G17840
16005	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G35940
16006	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G38280
16007	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G46820
16008	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G46830
16009	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G01420
16010	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G06490
16011	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G11050
16012	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G11410
16013	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G23700
16014	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G46620
16015	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G48170
16016	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G51920
16017	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G53420
16018	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G55610
16019	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G02380
16020	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G34710
16021	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G38970
16022	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G04500
16023	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G16600
16024	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G25610
16025	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G25980
16026	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G40010
16027	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G50720

16028	3	F23 vs. L23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G67300
16029	3	F23 vs. L23	F2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT1G04400
16030	3	F23 vs. L23	F2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT4G02380
16031	3	F23 vs. L23	F2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT5G01410
16032	3	F23 vs. L23	F2-3 up	GO:0046685	Signaling and response	Stress	response to arsenic-containing substance	P	AT4G33540
16033	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G09340
16034	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G16880
16035	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G20620
16036	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G21760
16037	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G23740
16038	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G27730
16039	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G32060
16040	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G35720
16041	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G42970
16042	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G45474
16043	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G68530
16044	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G79440
16045	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G17840
16046	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37760
16047	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37770
16048	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G39730
16049	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G40140
16050	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G46830
16051	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G01500
16052	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G05890
16053	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G06510
16054	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G08720
16055	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G08730
16056	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G11170
16057	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G11410
16058	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G11630
16059	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G12780
16060	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G17020
16061	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G17390
16062	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22370
16063	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22840
16064	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G23700
16065	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G26650
16066	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G45640
16067	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G02380
16068	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G17090
16069	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G34710
16070	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G39730
16071	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G01600
16072	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G16910
16073	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G40010
16074	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G50720
16075	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G57560
16076	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G58770
16077	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G61410
16078	3	F23 vs. L23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	ATCG00120
16079	3	F23 vs. L23	F2-3 up	GO:0010201	Signaling and response	Stress	response to continuous far red light stimulus by the high-irradiance response system	P	AT2G35940
16080	3	F23 vs. L23	F2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT4G38400
16081	3	F23 vs. L23	F2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G09870
16082	3	F23 vs. L23	F2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G57560

16083	3	F23 vs. L23	F2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G64740
16084	3	F23 vs. L23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G32640
16085	3	F23 vs. L23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G44170
16086	3	F23 vs. L23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G37180
16087	3	F23 vs. L23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G46140
16088	3	F23 vs. L23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT3G25760
16089	3	F23 vs. L23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT5G25610
16090	3	F23 vs. L23	F2-3 up	GO:0042493	Signaling and response	Stress	response to drug	P	AT3G12610
16091	3	F23 vs. L23	F2-3 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT3G54960
16092	3	F23 vs. L23	F2-3 up	GO:0045471	Signaling and response	Stress	response to ethanol	P	AT2G17950
16093	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT1G14920
16094	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT1G64060
16095	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT2G46830
16096	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT3G04720
16097	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT3G06490
16098	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G02380
16099	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G11280
16100	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G05730
16101	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G45890
16102	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G60360
16103	3	F23 vs. L23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G67300
16104	3	F23 vs. L23	F2-3 up	GO:0050826	Signaling and response	Stress	response to freezing	P	AT3G06510
16105	3	F23 vs. L23	F2-3 up	GO:0050826	Signaling and response	Stress	response to freezing	P	AT3G45640
16106	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT1G05010
16107	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT1G17420
16108	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G06050
16109	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G30020
16110	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G45220
16111	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G06490
16112	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G10985
16113	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G14310
16114	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G45140
16115	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G08370
16116	3	F23 vs. L23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G24530
16117	3	F23 vs. L23	F2-3 up	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT3G50000
16118	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G05850
16119	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G21760
16120	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G35720
16121	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G59870
16122	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G79440
16123	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G39770
16124	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G04120
16125	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G08720
16126	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G09440
16127	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G17230
16128	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G23100
16129	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G47910
16130	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G57560
16131	3	F23 vs. L23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G67300
16132	3	F23 vs. L23	F2-3 up	GO:0009635	Signaling and response	Stress	response to herbicide	P	AT1G12110
16133	3	F23 vs. L23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT2G24210
16134	3	F23 vs. L23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT3G04720
16135	3	F23 vs. L23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT3G45140
16136	3	F23 vs. L23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT4G15210
16137	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G17420
16138	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G27730

16139	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G45474
16140	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G55480
16141	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT2G05620
16142	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT2G17840
16143	3	F23 vs. L23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT3G18780
16144	3	F23 vs. L23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G18150
16145	3	F23 vs. L23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G20620
16146	3	F23 vs. L23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G04120
16147	3	F23 vs. L23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G17790
16148	3	F23 vs. L23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G01600
16149	3	F23 vs. L23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G67480
16150	3	F23 vs. L23	F2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G23310
16151	3	F23 vs. L23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT1G16410
16152	3	F23 vs. L23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G02380
16153	3	F23 vs. L23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G13770
16154	3	F23 vs. L23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G19840
16155	3	F23 vs. L23	F2-3 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT3G07700
16156	3	F23 vs. L23	F2-3 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT4G26970
16157	3	F23 vs. L23	F2-3 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT5G67370
16158	3	F23 vs. L23	F2-3 up	GO:0033591	Signaling and response	Stress	response to L-ascorbic acid	P	AT3G02570
16159	3	F23 vs. L23	F2-3 up	GO:0006982	Signaling and response	Stress	response to lipid hydroperoxide	P	AT5G01410
16160	3	F23 vs. L23	F2-3 up	GO:0010244	Signaling and response	Stress	response to low fluence blue light stimulus by blue low-fluence system	P	AT1G04400
16161	3	F23 vs. L23	F2-3 up	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT1G45474
16162	3	F23 vs. L23	F2-3 up	GO:0009612	Signaling and response	Stress	response to mechanical stimulus	P	AT4G11280
16163	3	F23 vs. L23	F2-3 up	GO:0009612	Signaling and response	Stress	response to mechanical stimulus	P	AT5G57560
16164	3	F23 vs. L23	F2-3 up	GO:0010188	Signaling and response	Stress	response to microbial phytotoxin	P	AT1G80460
16165	3	F23 vs. L23	F2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G80460
16166	3	F23 vs. L23	F2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G80840
16167	3	F23 vs. L23	F2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT4G31800
16168	3	F23 vs. L23	F2-3 up	GO:0002238	Signaling and response	Stress	response to molecule of fungal origin	P	AT3G10985
16169	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G61800
16170	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G76670
16171	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G40460
16172	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G10985
16173	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G11900
16174	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G14310
16175	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G39030
16176	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G14940
16177	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G52450
16178	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G61410
16179	3	F23 vs. L23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G64840
16180	3	F23 vs. L23	F2-3 up	GO:0090548	Signaling and response	Stress	response to nitrate starvation	P	AT1G72180
16181	3	F23 vs. L23	F2-3 up	GO:0010335	Signaling and response	Stress	response to non-ionic osmotic stress	P	AT5G01410
16182	3	F23 vs. L23	F2-3 up	GO:0002239	Signaling and response	Stress	response to oomycetes	P	AT5G24530
16183	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G35720
16184	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G72180
16185	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G78290
16186	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G37180
16187	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G08730
16188	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G45640
16189	3	F23 vs. L23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G34710
16190	3	F23 vs. L23	F2-3 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT3G45140
16191	3	F23 vs. L23	F2-3 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT3G54950
16192	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G08830
16193	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G27730

16194	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G35720
16195	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G76080
16196	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G28190
16197	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G31570
16198	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G37040
16199	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G40000
16200	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G41480
16201	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G01420
16202	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G03190
16203	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G04120
16204	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G07700
16205	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G11050
16206	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G11630
16207	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G15360
16208	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G45640
16209	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G49110
16210	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G02380
16211	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G11280
16212	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G11600
16213	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G26970
16214	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G34710
16215	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G39640
16216	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G01410
16217	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G07460
16218	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G13930
16219	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G47000
16220	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G47650
16221	3	F23 vs. L23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G51890
16222	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT1G08830
16223	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT1G72520
16224	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT2G06050
16225	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT2G39770
16226	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT3G10985
16227	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT3G17800
16228	3	F23 vs. L23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G23100
16229	3	F23 vs. L23	F2-3 up	GO:0009268	Signaling and response	Stress	response to pH	P	AT2G30360
16230	3	F23 vs. L23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G18150
16231	3	F23 vs. L23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G11050
16232	3	F23 vs. L23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G56240
16233	3	F23 vs. L23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G02380
16234	3	F23 vs. L23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT5G01600
16235	3	F23 vs. L23	F2-3 up	GO:0051775	Signaling and response	Stress	response to redox state	P	AT3G04120
16236	3	F23 vs. L23	F2-3 up	GO:0051775	Signaling and response	Stress	response to redox state	P	AT5G58330
16237	3	F23 vs. L23	F2-3 up	GO:1902074	Signaling and response	Stress	response to salt	P	AT1G79440
16238	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G05850
16239	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G08830
16240	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G10370
16241	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G14920
16242	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G27730
16243	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G35720
16244	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G44170
16245	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G17840
16246	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G36830
16247	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37630
16248	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37760
16249	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37770

16250	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G38170
16251	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G39770
16252	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G46830
16253	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G03640
16254	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G06490
16255	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G08720
16256	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G08730
16257	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G26520
16258	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G51920
16259	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G53420
16260	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G34710
16261	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G39730
16262	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G01410
16263	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G04500
16264	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G25610
16265	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G40010
16266	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G62520
16267	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G67300
16268	3	F23 vs. L23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G67480
16269	3	F23 vs. L23	F2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G20700
16270	3	F23 vs. L23	F2-3 up	GO:0009610	Signaling and response	Stress	response to symbiotic fungus	P	AT2G35940
16271	3	F23 vs. L23	F2-3 up	GO:0009610	Signaling and response	Stress	response to symbiotic fungus	P	AT3G09940
16272	3	F23 vs. L23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT2G37760
16273	3	F23 vs. L23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT2G37770
16274	3	F23 vs. L23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT3G21560
16275	3	F23 vs. L23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT4G01070
16276	3	F23 vs. L23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT5G02790
16277	3	F23 vs. L23	F2-3 up	GO:0006986	Signaling and response	Stress	response to unfolded protein	P	AT3G09440
16278	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT2G37040
16279	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G17800
16280	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G21890
16281	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G45640
16282	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G51240
16283	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT4G14690
16284	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G01410
16285	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G13930
16286	3	F23 vs. L23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G45890
16287	3	F23 vs. L23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT2G37630
16288	3	F23 vs. L23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT2G43570
16289	3	F23 vs. L23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G04720
16290	3	F23 vs. L23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G09440
16291	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G02205
16292	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G04400
16293	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G05850
16294	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G12110
16295	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G27730
16296	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G35720
16297	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G76080
16298	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G05620
16299	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G17840
16300	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G26740
16301	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37180
16302	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37760
16303	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37770
16304	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G09940
16305	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G11410

16306	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G23050
16307	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G23920
16308	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G45140
16309	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G46620
16310	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G48170
16311	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G51920
16312	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G53420
16313	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G02380
16314	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G39730
16315	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G06530
16316	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G40010
16317	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G50720
16318	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65730
16319	3	F23 vs. L23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G67300
16320	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G01720
16321	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G09340
16322	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G17380
16323	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G17420
16324	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G18150
16325	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G19180
16326	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G27730
16327	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G32640
16328	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G55480
16329	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G70700
16330	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G71697
16331	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G72520
16332	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G80840
16333	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G02990
16334	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G06050
16335	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G24210
16336	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G26690
16337	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G30020
16338	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G30490
16339	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G34600
16340	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G34810
16341	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G37040
16342	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G38870
16343	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G17800
16344	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G19710
16345	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G23050
16346	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G45140
16347	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G45640
16348	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G48520
16349	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G11280
16350	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G12030
16351	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G15440
16352	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G34710
16353	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G37760
16354	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G05730
16355	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G06320
16356	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G09810
16357	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G13930
16358	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G14200
16359	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G47910
16360	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G53890
16361	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G54170

16362	3	F23 vs. L23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G67480
16363	3	F23 vs. L23	F2-3 up	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT1G12070
16364	3	F23 vs. L23	F2-3 up	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT1G62450
16365	3	F23 vs. L23	F2-3 up	GO:0004867	Signaling and response	Stress	serine-type endopeptidase inhibitor activity	F	AT2G38870
16366	3	F23 vs. L23	F2-3 up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT1G08830
16367	3	F23 vs. L23	F2-3 up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT2G28190
16368	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT1G59870
16369	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G13810
16370	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G18660
16371	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G43570
16372	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G01420
16373	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G04720
16374	3	F23 vs. L23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G53980
16375	3	F23 vs. L23	F2-3 up	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT2G13810
16376	3	F23 vs. L23	F2-3 up	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT5G60600
16377	3	F23 vs. L23	F2-3 up	GO:0008379	Signaling and response	Stress	thioredoxin peroxidase activity	F	AT3G11630
16378	3	F23 vs. L23	F2-3 up	GO:0008379	Signaling and response	Stress	thioredoxin peroxidase activity	F	AT3G26060
16379	3	F23 vs. L23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G10370
16380	3	F23 vs. L23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78320
16381	3	F23 vs. L23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78370
16382	3	F23 vs. L23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT2G02390
16383	3	F23 vs. L23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT2G30860
16384	3	F23 vs. L23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT3G03190
16385	3	F23 vs. L23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G76370
16386	3	F23 vs. L23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G16750
16387	3	F23 vs. L23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G18470
16388	3	F23 vs. L23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G13065
16389	3	F23 vs. L23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G20530
16390	3	F23 vs. L23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G13160
16391	3	F23 vs. L23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT1G44160
16392	3	F23 vs. L23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G09440
16393	3	F23 vs. L23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G47940
16394	3	F23 vs. L23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G38740
16395	3	F23 vs. L23	F2-3 up	GO:0009650	Signaling and response	Stress	UV protection	P	AT3G12610
16396	3	F23 vs. L23	F2-3 up	GO:0030104	Signaling and response	Stress	water homeostasis	P	AT3G26520
16397	3	F23 vs. L23	L2-3 up	GO:0005680	Development	Cell division	anaphase-promoting complex	C	AT3G48150
16398	3	F23 vs. L23	L2-3 up	GO:0031145	Development	Cell division	anaphase-promoting complex-dependent catabolic process	P	AT1G50490
16399	3	F23 vs. L23	L2-3 up	GO:0008356	Development	Cell division	asymmetric cell division	P	AT2G02080
16400	3	F23 vs. L23	L2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT1G80850
16401	3	F23 vs. L23	L2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12040
16402	3	F23 vs. L23	L2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT5G57970
16403	3	F23 vs. L23	L2-3 up	GO:0097510	Development	Cell division	base-excision repair, AP site formation via deaminated base removal	P	AT3G18630
16404	3	F23 vs. L23	L2-3 up	GO:1990298	Development	Cell division	bub1-bub3 complex	C	AT1G49910
16405	3	F23 vs. L23	L2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT2G01910
16406	3	F23 vs. L23	L2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT2G27970
16407	3	F23 vs. L23	L2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT3G08550

16408	3	F23 vs. L23	L2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT3G48150
16409	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT1G49910
16410	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G01910
16411	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G27970
16412	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G08550
16413	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G25980
16414	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G48150
16415	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G50070
16416	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G32830
16417	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G35620
16418	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G37490
16419	3	F23 vs. L23	L2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G01230
16420	3	F23 vs. L23	L2-3 up	GO:0032133	Development	Cell division	chromosome passenger complex	C	AT4G32830
16421	3	F23 vs. L23	L2-3 up	GO:0007059	Development	Cell division	chromosome segregation	P	AT1G49910
16422	3	F23 vs. L23	L2-3 up	GO:0007059	Development	Cell division	chromosome segregation	P	AT4G19350
16423	3	F23 vs. L23	L2-3 up	GO:0000243	Development	Cell division	commitment complex	C	AT3G07590
16424	3	F23 vs. L23	L2-3 up	GO:0000777	Development	Cell division	condensed chromosome kinetochore	C	AT1G49910
16425	3	F23 vs. L23	L2-3 up	GO:0000777	Development	Cell division	condensed chromosome kinetochore	C	AT3G25980
16426	3	F23 vs. L23	L2-3 up	GO:0000780	Development	Cell division	condensed nuclear chromosome, centromeric region	C	AT4G32830
16427	3	F23 vs. L23	L2-3 up	GO:0030332	Development	Cell division	cyclin binding	F	AT2G38620
16428	3	F23 vs. L23	L2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT1G76540
16429	3	F23 vs. L23	L2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G27970
16430	3	F23 vs. L23	L2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G38620
16431	3	F23 vs. L23	L2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT3G50070
16432	3	F23 vs. L23	L2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT4G35620
16433	3	F23 vs. L23	L2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT4G37490
16434	3	F23 vs. L23	L2-3 up	GO:0061575	Development	Cell division	cyclin-dependent protein serine/threonine kinase activator activity	F	AT2G27970
16435	3	F23 vs. L23	L2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G20930
16436	3	F23 vs. L23	L2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G76540
16437	3	F23 vs. L23	L2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT2G31270
16438	3	F23 vs. L23	L2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT2G38620
16439	3	F23 vs. L23	L2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT3G50070
16440	3	F23 vs. L23	L2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT4G35620
16441	3	F23 vs. L23	L2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT4G37490
16442	3	F23 vs. L23	L2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G50960
16443	3	F23 vs. L23	L2-3 up	GO:0000911	Development	Cell division	cytokinesis by cell plate formation	P	AT3G48860
16444	3	F23 vs. L23	L2-3 up	GO:0000911	Development	Cell division	cytokinesis by cell plate formation	P	AT5G13260
16445	3	F23 vs. L23	L2-3 up	GO:0043625	Development	Cell division	delta DNA polymerase complex	C	AT1G09815
16446	3	F23 vs. L23	L2-3 up	GO:0003689	Development	Cell division	DNA clamp loader activity	F	AT1G21690
16447	3	F23 vs. L23	L2-3 up	GO:0003689	Development	Cell division	DNA clamp loader activity	F	AT1G77470
16448	3	F23 vs. L23	L2-3 up	GO:0070182	Development	Cell division	DNA polymerase binding	F	AT2G31270

16449	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT1G14410
16450	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT1G71260
16451	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT2G02760
16452	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT3G27060
16453	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G18070
16454	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G61000
16455	3	F23 vs. L23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G64610
16456	3	F23 vs. L23	L2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT2G01120
16457	3	F23 vs. L23	L2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT2G31270
16458	3	F23 vs. L23	L2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT3G27060
16459	3	F23 vs. L23	L2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G12620
16460	3	F23 vs. L23	L2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G29910
16461	3	F23 vs. L23	L2-3 up	GO:0000076	Development	Cell division	DNA replication checkpoint	P	AT2G31270
16462	3	F23 vs. L23	L2-3 up	GO:0005662	Development	Cell division	DNA replication factor A complex	C	AT5G61000
16463	3	F23 vs. L23	L2-3 up	GO:0005663	Development	Cell division	DNA replication factor C complex	C	AT1G21690
16464	3	F23 vs. L23	L2-3 up	GO:0005663	Development	Cell division	DNA replication factor C complex	C	AT1G77470
16465	3	F23 vs. L23	L2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT2G01120
16466	3	F23 vs. L23	L2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G12620
16467	3	F23 vs. L23	L2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G29910
16468	3	F23 vs. L23	L2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT2G01120
16469	3	F23 vs. L23	L2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G12620
16470	3	F23 vs. L23	L2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G29910
16471	3	F23 vs. L23	L2-3 up	GO:0071163	Development	Cell division	DNA replication preinitiation complex assembly	P	AT2G31270
16472	3	F23 vs. L23	L2-3 up	GO:0006336	Development	Cell division	DNA replication-independent nucleosome assembly	P	AT3G44530
16473	3	F23 vs. L23	L2-3 up	GO:0006268	Development	Cell division	DNA unwinding involved in DNA replication	P	AT5G61000
16474	3	F23 vs. L23	L2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G09815
16475	3	F23 vs. L23	L2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G21690
16476	3	F23 vs. L23	L2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G34380
16477	3	F23 vs. L23	L2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G77470
16478	3	F23 vs. L23	L2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT5G61000
16479	3	F23 vs. L23	L2-3 up	GO:0003887	Development	Cell division	DNA-directed DNA polymerase activity	F	AT1G09815
16480	3	F23 vs. L23	L2-3 up	GO:0003887	Development	Cell division	DNA-directed DNA polymerase activity	F	AT1G34380
16481	3	F23 vs. L23	L2-3 up	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT5G61000
16482	3	F23 vs. L23	L2-3 up	GO:0010385	Development	Cell division	double-stranded methylated DNA binding	F	AT4G12620
16483	3	F23 vs. L23	L2-3 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT3G62050
16484	3	F23 vs. L23	L2-3 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT4G21590
16485	3	F23 vs. L23	L2-3 up	GO:0001935	Development	Cell division	endothelial cell proliferation	P	AT5G17800
16486	3	F23 vs. L23	L2-3 up	GO:0010481	Development	Cell division	epidermal cell division	P	AT3G22780
16487	3	F23 vs. L23	L2-3 up	GO:0000400	Development	Cell division	four-way junction DNA binding	F	AT3G24495
16488	3	F23 vs. L23	L2-3 up	GO:0000086	Development	Cell division	G2/M transition of mitotic cell cycle	P	AT1G76540
16489	3	F23 vs. L23	L2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT2G31270
16490	3	F23 vs. L23	L2-3 up	GO:0000417	Development	Cell division	HIR complex	C	AT3G44530
16491	3	F23 vs. L23	L2-3 up	GO:0036297	Development	Cell division	interstrand cross-link repair	P	AT3G24495
16492	3	F23 vs. L23	L2-3 up	GO:0000741	Development	Cell division	karyogamy	P	AT1G24450
16493	3	F23 vs. L23	L2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT1G49910
16494	3	F23 vs. L23	L2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT3G25980
16495	3	F23 vs. L23	L2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT5G56580
16496	3	F23 vs. L23	L2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT1G49910
16497	3	F23 vs. L23	L2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G61000
16498	3	F23 vs. L23	L2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G61960
16499	3	F23 vs. L23	L2-3 up	GO:0000710	Development	Cell division	meiotic mismatch repair	P	AT3G24495
16500	3	F23 vs. L23	L2-3 up	GO:0006298	Development	Cell division	mismatch repair	P	AT3G24495
16501	3	F23 vs. L23	L2-3 up	GO:0032300	Development	Cell division	mismatch repair complex	C	AT3G24495
16502	3	F23 vs. L23	L2-3 up	GO:0030983	Development	Cell division	mismatched DNA binding	F	AT3G24495

16503	3	F23 vs. L23	L2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT2G31270
16504	3	F23 vs. L23	L2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G12620
16505	3	F23 vs. L23	L2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT3G50070
16506	3	F23 vs. L23	L2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT4G35620
16507	3	F23 vs. L23	L2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT4G37490
16508	3	F23 vs. L23	L2-3 up	GO:0033597	Development	Cell division	mitotic checkpoint complex	C	AT1G49910
16509	3	F23 vs. L23	L2-3 up	GO:0033314	Development	Cell division	mitotic DNA replication checkpoint	P	AT4G12620
16510	3	F23 vs. L23	L2-3 up	GO:0000070	Development	Cell division	mitotic sister chromatid segregation	P	AT3G44530
16511	3	F23 vs. L23	L2-3 up	GO:0007094	Development	Cell division	mitotic spindle assembly checkpoint	P	AT1G49910
16512	3	F23 vs. L23	L2-3 up	GO:0007094	Development	Cell division	mitotic spindle assembly checkpoint	P	AT3G25980
16513	3	F23 vs. L23	L2-3 up	GO:0007052	Development	Cell division	mitotic spindle organization	P	AT4G32830
16514	3	F23 vs. L23	L2-3 up	GO:0032301	Development	Cell division	MutSalpha complex	C	AT3G24495
16515	3	F23 vs. L23	L2-3 up	GO:0051782	Development	Cell division	negative regulation of cell division	P	AT5G17800
16516	3	F23 vs. L23	L2-3 up	GO:0045910	Development	Cell division	negative regulation of DNA recombination	P	AT3G24495
16517	3	F23 vs. L23	L2-3 up	GO:0000280	Development	Cell division	nuclear division	P	AT3G50960
16518	3	F23 vs. L23	L2-3 up	GO:0007097	Development	Cell division	nuclear migration	P	AT4G33200
16519	3	F23 vs. L23	L2-3 up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT2G01120
16520	3	F23 vs. L23	L2-3 up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT4G12620
16521	3	F23 vs. L23	L2-3 up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT4G29910
16522	3	F23 vs. L23	L2-3 up	GO:0006165	Development	Cell division	nucleoside diphosphate phosphorylation	P	AT1G17410
16523	3	F23 vs. L23	L2-3 up	GO:0009116	Development	Cell division	nucleoside metabolic process	P	AT2G16570
16524	3	F23 vs. L23	L2-3 up	GO:0017110	Development	Cell division	nucleoside-diphosphatase activity	F	AT4G12720
16525	3	F23 vs. L23	L2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT2G28740
16526	3	F23 vs. L23	L2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT2G37470
16527	3	F23 vs. L23	L2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT3G45980
16528	3	F23 vs. L23	L2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G27670
16529	3	F23 vs. L23	L2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G65360
16530	3	F23 vs. L23	L2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT2G37470
16531	3	F23 vs. L23	L2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT3G44530
16532	3	F23 vs. L23	L2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT3G45980
16533	3	F23 vs. L23	L2-3 up	GO:0031491	Development	Cell division	nucleosome binding	F	AT3G44530
16534	3	F23 vs. L23	L2-3 up	GO:0000166	Development	Cell division	nucleotide binding	F	AT4G10610
16535	3	F23 vs. L23	L2-3 up	GO:0009165	Development	Cell division	nucleotide biosynthetic process	P	AT1G72040
16536	3	F23 vs. L23	L2-3 up	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT1G18340
16537	3	F23 vs. L23	L2-3 up	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT5G61000
16538	3	F23 vs. L23	L2-3 up	GO:0000808	Development	Cell division	origin recognition complex	C	AT2G01120
16539	3	F23 vs. L23	L2-3 up	GO:0000808	Development	Cell division	origin recognition complex	C	AT4G12620
16540	3	F23 vs. L23	L2-3 up	GO:0000808	Development	Cell division	origin recognition complex	C	AT4G29910
16541	3	F23 vs. L23	L2-3 up	GO:0032357	Development	Cell division	oxidized purine DNA binding	F	AT3G24495
16542	3	F23 vs. L23	L2-3 up	GO:0043186	Development	Cell division	P granule	C	AT2G23930
16543	3	F23 vs. L23	L2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT1G24450
16544	3	F23 vs. L23	L2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT1G06520
16545	3	F23 vs. L23	L2-3 up	GO:0009856	Development	Cell division	pollination	P	AT2G02850
16546	3	F23 vs. L23	L2-3 up	GO:0045836	Development	Cell division	positive regulation of meiotic nuclear division	P	AT5G61960
16547	3	F23 vs. L23	L2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT2G01910
16548	3	F23 vs. L23	L2-3 up	GO:0006290	Development	Cell division	pyrimidine dimer repair	P	AT3G24495
16549	3	F23 vs. L23	L2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT2G38620
16550	3	F23 vs. L23	L2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT3G27060
16551	3	F23 vs. L23	L2-3 up	GO:1902806	Development	Cell division	regulation of cell cycle G1/S phase transition	P	AT2G38620
16552	3	F23 vs. L23	L2-3 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT3G22780
16553	3	F23 vs. L23	L2-3 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT4G09960
16554	3	F23 vs. L23	L2-3 up	GO:0042127	Development	Cell division	regulation of cell population proliferation	P	AT3G50070
16555	3	F23 vs. L23	L2-3 up	GO:0032465	Development	Cell division	regulation of cytokinesis	P	AT4G32830
16556	3	F23 vs. L23	L2-3 up	GO:0032465	Development	Cell division	regulation of cytokinesis	P	AT5G11510
16557	3	F23 vs. L23	L2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT2G38620
16558	3	F23 vs. L23	L2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT5G11510

16559	3	F23 vs. L23	L2-3 up	GO:0030174	Development	Cell division	regulation of DNA-dependent DNA replication initiation	P	AT2G31270
16560	3	F23 vs. L23	L2-3 up	GO:0080155	Development	Cell division	regulation of double fertilization forming a zygote and endosperm	P	AT4G09960
16561	3	F23 vs. L23	L2-3 up	GO:0010389	Development	Cell division	regulation of G2/M transition of mitotic cell cycle	P	AT1G20930
16562	3	F23 vs. L23	L2-3 up	GO:0010389	Development	Cell division	regulation of G2/M transition of mitotic cell cycle	P	AT1G76540
16563	3	F23 vs. L23	L2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT1G20930
16564	3	F23 vs. L23	L2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT2G27970
16565	3	F23 vs. L23	L2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT3G25980
16566	3	F23 vs. L23	L2-3 up	GO:0030071	Development	Cell division	regulation of mitotic metaphase/anaphase transition	P	AT3G48150
16567	3	F23 vs. L23	L2-3 up	GO:0005971	Development	Cell division	ribonucleoside-diphosphate reductase complex	C	AT3G27060
16568	3	F23 vs. L23	L2-3 up	GO:0016070	Development	Cell division	RNA metabolic process	P	AT1G19120
16569	3	F23 vs. L23	L2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT1G06110
16570	3	F23 vs. L23	L2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G27970
16571	3	F23 vs. L23	L2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G45950
16572	3	F23 vs. L23	L2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT1G14410
16573	3	F23 vs. L23	L2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT1G71260
16574	3	F23 vs. L23	L2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G61000
16575	3	F23 vs. L23	L2-3 up	GO:0000014	Development	Cell division	single-stranded DNA endodeoxyribonuclease activity	F	AT4G21590
16576	3	F23 vs. L23	L2-3 up	GO:0043047	Development	Cell division	single-stranded telomeric DNA binding	F	AT5G61000
16577	3	F23 vs. L23	L2-3 up	GO:0005819	Development	Cell division	spindle	C	AT1G49910
16578	3	F23 vs. L23	L2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G32830
16579	3	F23 vs. L23	L2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G35020
16580	3	F23 vs. L23	L2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT3G25980
16581	3	F23 vs. L23	L2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT4G32830
16582	3	F23 vs. L23	L2-3 up	GO:0051233	Development	Cell division	spindle midzone	C	AT4G32830
16583	3	F23 vs. L23	L2-3 up	GO:0031616	Development	Cell division	spindle pole centrosome	C	AT4G32830
16584	3	F23 vs. L23	L2-3 up	GO:0098973	Development	Cell division	structural constituent of postsynaptic actin cytoskeleton	F	AT3G60830
16585	3	F23 vs. L23	L2-3 up	GO:0005697	Development	Cell division	telomerase holoenzyme complex	C	AT1G14410
16586	3	F23 vs. L23	L2-3 up	GO:0000723	Development	Cell division	telomere maintenance	P	AT5G61000
16587	3	F23 vs. L23	L2-3 up	GO:0007004	Development	Cell division	telomere maintenance via telomerase	P	AT5G61000
16588	3	F23 vs. L23	L2-3 up	GO:0042162	Development	Cell division	telomeric DNA binding	F	AT1G14410
16589	3	F23 vs. L23	L2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT4G35020
16590	3	F23 vs. L23	L2-3 up	GO:0005884	Development	Development	actin filament	C	AT3G60830
16591	3	F23 vs. L23	L2-3 up	GO:0009653	Development	Development	anatomical structure morphogenesis	P	AT3G60830
16592	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G29980
16593	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G25060
16594	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G29810
16595	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G53190
16596	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G58100
16597	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G56590
16598	3	F23 vs. L23	L2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G58480
16599	3	F23 vs. L23	L2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G02850
16600	3	F23 vs. L23	L2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G25060
16601	3	F23 vs. L23	L2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G29810
16602	3	F23 vs. L23	L2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G58100
16603	3	F23 vs. L23	L2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G56590
16604	3	F23 vs. L23	L2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G58480
16605	3	F23 vs. L23	L2-3 up	GO:0009887	Development	Development	animal organ morphogenesis	P	AT2G13540
16606	3	F23 vs. L23	L2-3 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT3G50960
16607	3	F23 vs. L23	L2-3 up	GO:0048653	Development	Development	anther development	P	AT2G02850
16608	3	F23 vs. L23	L2-3 up	GO:0048657	Development	Development	anther wall tapetum cell differentiation	P	AT4G39400
16609	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G47710

16610	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G02850
16611	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G36530
16612	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G22630
16613	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G23730
16614	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G48580
16615	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G03210
16616	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G09440
16617	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G48485
16618	3	F23 vs. L23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G51750
16619	3	F23 vs. L23	L2-3 up	GO:0048440	Development	Development	carpel development	P	AT2G42830
16620	3	F23 vs. L23	L2-3 up	GO:0048440	Development	Development	carpel development	P	AT3G58780
16621	3	F23 vs. L23	L2-3 up	GO:0048440	Development	Development	carpel development	P	AT4G09960
16622	3	F23 vs. L23	L2-3 up	GO:0005901	Development	Development	caveola	C	AT5G64870
16623	3	F23 vs. L23	L2-3 up	GO:0005623	Development	Development	cell	C	AT1G54030
16624	3	F23 vs. L23	L2-3 up	GO:0005623	Development	Development	cell	C	AT4G26670
16625	3	F23 vs. L23	L2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT1G52030
16626	3	F23 vs. L23	L2-3 up	GO:0005938	Development	Development	cell cortex	C	AT4G35020
16627	3	F23 vs. L23	L2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G08550
16628	3	F23 vs. L23	L2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G51230
16629	3	F23 vs. L23	L2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT1G23420
16630	3	F23 vs. L23	L2-3 up	GO:0001708	Development	Development	cell fate specification	P	AT1G24260
16631	3	F23 vs. L23	L2-3 up	GO:0009504	Development	Development	cell plate	C	AT4G32830
16632	3	F23 vs. L23	L2-3 up	GO:0000919	Development	Development	cell plate assembly	P	AT1G02730
16633	3	F23 vs. L23	L2-3 up	GO:0042995	Development	Development	cell projection	C	AT4G35020
16634	3	F23 vs. L23	L2-3 up	GO:0009986	Development	Development	cell surface	C	AT5G65020
16635	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G16570
16636	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G23730
16637	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G48580
16638	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G48930
16639	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G03210
16640	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G30690
16641	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G05290
16642	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G16050
16643	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G19730
16644	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G56590
16645	3	F23 vs. L23	L2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G58480
16646	3	F23 vs. L23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT1G02730
16647	3	F23 vs. L23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G23730
16648	3	F23 vs. L23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G48580
16649	3	F23 vs. L23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G03210
16650	3	F23 vs. L23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G23920
16651	3	F23 vs. L23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G45750
16652	3	F23 vs. L23	L2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G19730
16653	3	F23 vs. L23	L2-3 up	GO:0042547	Development	Development	cell wall modification involved in multidimensional cell growth	P	AT1G70710
16654	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G02730
16655	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G02800
16656	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G19360
16657	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G24170
16658	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G23730
16659	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G48580
16660	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G03210
16661	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G23920
16662	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G56590
16663	3	F23 vs. L23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G58480
16664	3	F23 vs. L23	L2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G26270

16665	3	F23 vs. L23	L2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G53860
16666	3	F23 vs. L23	L2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G62500
16667	3	F23 vs. L23	L2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G73940
16668	3	F23 vs. L23	L2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G75580
16669	3	F23 vs. L23	L2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G56300
16670	3	F23 vs. L23	L2-3 up	GO:0005813	Development	Development	centrosome	C	AT4G35620
16671	3	F23 vs. L23	L2-3 up	GO:0005813	Development	Development	centrosome	C	AT4G37490
16672	3	F23 vs. L23	L2-3 up	GO:0000785	Development	Development	chromatin	C	AT2G17560
16673	3	F23 vs. L23	L2-3 up	GO:0006333	Development	Development	chromatin assembly or disassembly	P	AT2G17560
16674	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT1G14510
16675	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT3G24010
16676	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT3G60830
16677	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G26210
16678	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G27670
16679	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G51230
16680	3	F23 vs. L23	L2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G63670
16681	3	F23 vs. L23	L2-3 up	GO:0010369	Development	Development	chromocenter	C	AT3G25980
16682	3	F23 vs. L23	L2-3 up	GO:0010369	Development	Development	chromocenter	C	AT5G65360
16683	3	F23 vs. L23	L2-3 up	GO:0098687	Development	Development	chromosomal region	C	AT4G12080
16684	3	F23 vs. L23	L2-3 up	GO:0051276	Development	Development	chromosome organization	P	AT2G31270
16685	3	F23 vs. L23	L2-3 up	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT3G48860
16686	3	F23 vs. L23	L2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT4G32330
16687	3	F23 vs. L23	L2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT3G50960
16688	3	F23 vs. L23	L2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT2G32280
16689	3	F23 vs. L23	L2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT3G50870
16690	3	F23 vs. L23	L2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT4G04890
16691	3	F23 vs. L23	L2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT4G21750
16692	3	F23 vs. L23	L2-3 up	GO:0010588	Development	Development	cotyledon vascular tissue pattern formation	P	AT1G17840
16693	3	F23 vs. L23	L2-3 up	GO:0010588	Development	Development	cotyledon vascular tissue pattern formation	P	AT2G32280
16694	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04170
16695	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G07070
16696	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G14570
16697	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15250
16698	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G17410
16699	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18540
16700	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G34150
16701	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G34380
16702	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G43190
16703	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G43860
16704	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G47710
16705	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G48240
16706	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G48430
16707	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52030
16708	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52300
16709	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G69440
16710	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G69620
16711	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G72040
16712	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G72550
16713	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G72670
16714	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G73030
16715	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G74370
16716	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79380
16717	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01220
16718	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17560
16719	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G18700
16720	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G20740

16721	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G25900
16722	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27970
16723	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G29500
16724	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G33735
16725	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36160
16726	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36530
16727	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42810
16728	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45170
16729	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45950
16730	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G46225
16731	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02280
16732	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04770
16733	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04780
16734	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07690
16735	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G08550
16736	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G10500
16737	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12170
16738	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12920
16739	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G13580
16740	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16780
16741	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G18030
16742	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G20810
16743	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22630
16744	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G25980
16745	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G27060
16746	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G46210
16747	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G48930
16748	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G50070
16749	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G50960
16750	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53430
16751	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53890
16752	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G59380
16753	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G60830
16754	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62220
16755	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62800
16756	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G63010
16757	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G05050
16758	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G09900
16759	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G12080
16760	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G12720
16761	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14110
16762	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25970
16763	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26590
16764	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26610
16765	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G29830
16766	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G30480
16767	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G30690
16768	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G32330
16769	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33200
16770	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G35020
16771	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G35620
16772	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G35750
16773	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G35910
16774	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G36610
16775	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G37490
16776	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39150

16777	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39520
16778	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01230
16779	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05670
16780	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G07590
16781	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G13260
16782	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16050
16783	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G19140
16784	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G19730
16785	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23580
16786	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47060
16787	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G48480
16788	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G48760
16789	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G49710
16790	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G55160
16791	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56580
16792	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G60940
16793	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64870
16794	3	F23 vs. L23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	ATCG00670
16795	3	F23 vs. L23	L2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT2G46225
16796	3	F23 vs. L23	L2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G56580
16797	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G03330
16798	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G04170
16799	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G07070
16800	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G13930
16801	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G18540
16802	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20930
16803	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G29150
16804	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G36240
16805	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G48300
16806	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G48430
16807	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G49600
16808	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G72550
16809	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G02760
16810	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G03870
16811	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16570
16812	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G17560
16813	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G18700
16814	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G21060
16815	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G22420
16816	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G23930
16817	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36160
16818	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36530
16819	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42810
16820	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44650
16821	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G47970
16822	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G01740
16823	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02280
16824	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04780
16825	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G06960
16826	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G07590
16827	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G07690
16828	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09300
16829	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10260
16830	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12500
16831	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12670
16832	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13120

16833	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13580
16834	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16780
16835	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18030
16836	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18130
16837	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G22630
16838	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23710
16839	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G27360
16840	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45930
16841	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45980
16842	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48410
16843	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48930
16844	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53430
16845	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53890
16846	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G57490
16847	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G59840
16848	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60210
16849	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60830
16850	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01320
16851	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G05050
16852	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10960
16853	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G12600
16854	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G12720
16855	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15770
16856	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G17260
16857	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20410
16858	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G21450
16859	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23920
16860	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24780
16861	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G25970
16862	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27440
16863	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27450
16864	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G28190
16865	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G29830
16866	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G30220
16867	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G38370
16868	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G39150
16869	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G39520
16870	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G11580
16871	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14640
16872	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G16050
16873	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G17800
16874	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G18070
16875	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G20830
16876	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G21010
16877	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G26210
16878	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G36230
16879	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G39850
16880	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G41970
16881	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G45750
16882	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G48480
16883	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G50960
16884	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G51660
16885	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G55160
16886	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64200
16887	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G65020
16888	3	F23 vs. L23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G65950

16889	3	F23 vs. L23	L2-3 up	GO:0009855	Development	Development	determination of bilateral symmetry	P	AT2G32280
16890	3	F23 vs. L23	L2-3 up	GO:0060560	Development	Development	developmental growth involved in morphogenesis	P	AT3G08550
16891	3	F23 vs. L23	L2-3 up	GO:0032502	Development	Development	developmental process	P	AT2G34620
16892	3	F23 vs. L23	L2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G12620
16893	3	F23 vs. L23	L2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G13640
16894	3	F23 vs. L23	L2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G17690
16895	3	F23 vs. L23	L2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G19850
16896	3	F23 vs. L23	L2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G21750
16897	3	F23 vs. L23	L2-3 up	GO:0009790	Development	Development	embryo development	P	AT2G21060
16898	3	F23 vs. L23	L2-3 up	GO:0009790	Development	Development	embryo development	P	AT2G45270
16899	3	F23 vs. L23	L2-3 up	GO:0009790	Development	Development	embryo development	P	AT3G50870
16900	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G21690
16901	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G32930
16902	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G73030
16903	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G79490
16904	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G02280
16905	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G12670
16906	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G29290
16907	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G48930
16908	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G52940
16909	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G60830
16910	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G19350
16911	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G02250
16912	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G14220
16913	3	F23 vs. L23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G19620
16914	3	F23 vs. L23	L2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT1G17690
16915	3	F23 vs. L23	L2-3 up	GO:0000578	Development	Development	embryonic axis specification	P	AT1G73030
16916	3	F23 vs. L23	L2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT3G13320
16917	3	F23 vs. L23	L2-3 up	GO:0005788	Development	Development	endoplasmic reticulum lumen	C	AT1G21750
16918	3	F23 vs. L23	L2-3 up	GO:0090158	Development	Development	endoplasmic reticulum membrane organization	P	AT4G21450
16919	3	F23 vs. L23	L2-3 up	GO:0007029	Development	Development	endoplasmic reticulum organization	P	AT1G54030
16920	3	F23 vs. L23	L2-3 up	GO:0007029	Development	Development	endoplasmic reticulum organization	P	AT5G51510
16921	3	F23 vs. L23	L2-3 up	GO:0061817	Development	Development	endoplasmic reticulum-plasma membrane tethering	P	AT4G21450
16922	3	F23 vs. L23	L2-3 up	GO:0009913	Development	Development	epidermal cell differentiation	P	AT4G04890
16923	3	F23 vs. L23	L2-3 up	GO:0009913	Development	Development	epidermal cell differentiation	P	AT4G21750
16924	3	F23 vs. L23	L2-3 up	GO:0010168	Development	Development	ER body	C	AT1G54030
16925	3	F23 vs. L23	L2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT1G73030
16926	3	F23 vs. L23	L2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT5G44560
16927	3	F23 vs. L23	L2-3 up	GO:0007163	Development	Development	establishment or maintenance of cell polarity	P	AT4G35020
16928	3	F23 vs. L23	L2-3 up	GO:0034426	Development	Development	etioplast membrane	C	AT2G28900
16929	3	F23 vs. L23	L2-3 up	GO:0000145	Development	Development	exocyst	C	AT2G28650
16930	3	F23 vs. L23	L2-3 up	GO:0009897	Development	Development	external side of plasma membrane	C	AT1G17840
16931	3	F23 vs. L23	L2-3 up	GO:0031012	Development	Development	extracellular matrix	C	AT2G02850
16932	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G02800
16933	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04170
16934	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G07070
16935	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G13930
16936	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14410
16937	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G15250
16938	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G18250
16939	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G25510
16940	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G29980
16941	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G31335

16942	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G47710
16943	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G50170
16944	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G62810
16945	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G70160
16946	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G70710
16947	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02850
16948	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G20515
16949	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G22420
16950	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G25060
16951	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G25270
16952	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G42840
16953	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G45180
16954	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G08550
16955	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G12500
16956	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G20015
16957	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G23730
16958	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G26140
16959	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G53190
16960	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G03210
16961	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G10960
16962	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G12910
16963	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G18970
16964	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G21590
16965	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24780
16966	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G25830
16967	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G26790
16968	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39090
16969	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G05290
16970	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G14920
16971	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G19730
16972	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G48485
16973	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G51550
16974	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G51750
16975	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G56590
16976	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G58480
16977	3	F23 vs. L23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G59500
16978	3	F23 vs. L23	L2-3 up	GO:0005615	Development	Development	extracellular space	C	AT1G47710
16979	3	F23 vs. L23	L2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G39090
16980	3	F23 vs. L23	L2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G09440
16981	3	F23 vs. L23	L2-3 up	GO:0042406	Development	Development	extrinsic component of endoplasmic reticulum membrane	C	AT4G16710
16982	3	F23 vs. L23	L2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT4G28190
16983	3	F23 vs. L23	L2-3 up	GO:0048444	Development	Development	floral organ morphogenesis	P	AT3G22780
16984	3	F23 vs. L23	L2-3 up	GO:0048444	Development	Development	floral organ morphogenesis	P	AT3G63010
16985	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT1G19850
16986	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT1G24260
16987	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT1G52030
16988	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT3G20810
16989	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT3G50870
16990	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT3G57390
16991	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT4G29830
16992	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT5G51230
16993	3	F23 vs. L23	L2-3 up	GO:0009908	Development	Development	flower development	P	AT5G61380
16994	3	F23 vs. L23	L2-3 up	GO:0048041	Development	Development	focal adhesion assembly	P	AT5G60300
16995	3	F23 vs. L23	L2-3 up	GO:0010154	Development	Development	fruit development	P	AT2G21060
16996	3	F23 vs. L23	L2-3 up	GO:0000137	Development	Development	Golgi cis cisterna	C	AT1G20270

16997	3	F23 vs. L23	L2-3 up	GO:0000137	Development	Development	Golgi cis cisterna	C	AT2G47320
16998	3	F23 vs. L23	L2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G19360
16999	3	F23 vs. L23	L2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT3G29810
17000	3	F23 vs. L23	L2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT5G25100
17001	3	F23 vs. L23	L2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G08550
17002	3	F23 vs. L23	L2-3 up	GO:0010444	Development	Development	guard mother cell differentiation	P	AT2G38620
17003	3	F23 vs. L23	L2-3 up	GO:0010444	Development	Development	guard mother cell differentiation	P	AT3G50070
17004	3	F23 vs. L23	L2-3 up	GO:0000792	Development	Development	heterochromatin	C	AT5G27670
17005	3	F23 vs. L23	L2-3 up	GO:0070828	Development	Development	heterochromatin organization	P	AT5G27670
17006	3	F23 vs. L23	L2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G74340
17007	3	F23 vs. L23	L2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT2G42810
17008	3	F23 vs. L23	L2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT3G52940
17009	3	F23 vs. L23	L2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT4G01320
17010	3	F23 vs. L23	L2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT5G60750
17011	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G02730
17012	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06520
17013	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G10540
17014	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G10750
17015	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G17840
17016	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18600
17017	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G19360
17018	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G20270
17019	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21930
17020	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24170
17021	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24470
17022	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G25320
17023	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27120
17024	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G30840
17025	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31335
17026	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32930
17027	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G33250
17028	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34190
17029	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G48240
17030	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G53290
17031	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68070
17032	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74370
17033	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75630
17034	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80700
17035	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01720
17036	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01820
17037	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G02370
17038	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G04900
17039	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G13610
17040	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G15090
17041	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G20740
17042	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22830
17043	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24150
17044	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24220
17045	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G25270
17046	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26710
17047	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G29020

17048	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G32280
17049	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G35790
17050	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G45590
17051	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G01930
17052	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G02640
17053	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G03860
17054	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G05010
17055	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G06440
17056	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G06960
17057	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G10260
17058	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G10500
17059	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G13320
17060	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G16180
17061	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21090
17062	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G45050
17063	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48410
17064	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50660
17065	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G01960
17066	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G10330
17067	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25830
17068	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G26590
17069	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G26670
17070	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G33940
17071	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G36180
17072	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39400
17073	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39850
17074	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G02410
17075	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G03140
17076	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G04770
17077	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05670
17078	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G12970
17079	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G13290
17080	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G19620
17081	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G20520
17082	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G21070
17083	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G25100
17084	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G38970
17085	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40250
17086	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46850
17087	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G51510
17088	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52860
17089	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53130
17090	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G59410
17091	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G59500
17092	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G60300
17093	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G66380
17094	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67200
17095	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00700
17096	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01250
17097	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG01360
17098	3	F23 vs. L23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG01370
17099	3	F23 vs. L23	L2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G16150
17100	3	F23 vs. L23	L2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G64410
17101	3	F23 vs. L23	L2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G64500
17102	3	F23 vs. L23	L2-3 up	GO:0080060	Development	Development	integument development	P	AT4G09960
17103	3	F23 vs. L23	L2-3 up	GO:0080060	Development	Development	integument development	P	AT5G17800

17104	3	F23 vs. L23	L2-3 up	GO:0005622	Development	Development	intracellular	C	AT1G54030
17105	3	F23 vs. L23	L2-3 up	GO:0005622	Development	Development	intracellular	C	AT3G12500
17106	3	F23 vs. L23	L2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G05050
17107	3	F23 vs. L23	L2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G26670
17108	3	F23 vs. L23	L2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G09300
17109	3	F23 vs. L23	L2-3 up	GO:0005828	Development	Development	kinetochore microtubule	C	AT3G25980
17110	3	F23 vs. L23	L2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT1G48240
17111	3	F23 vs. L23	L2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT5G64500
17112	3	F23 vs. L23	L2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT4G35910
17113	3	F23 vs. L23	L2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G56580
17114	3	F23 vs. L23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G32280
17115	3	F23 vs. L23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G50660
17116	3	F23 vs. L23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G02440
17117	3	F23 vs. L23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G39400
17118	3	F23 vs. L23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT5G02410
17119	3	F23 vs. L23	L2-3 up	GO:0010358	Development	Development	leaf shaping	P	AT3G50660
17120	3	F23 vs. L23	L2-3 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT1G19850
17121	3	F23 vs. L23	L2-3 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT2G32280
17122	3	F23 vs. L23	L2-3 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT5G46700
17123	3	F23 vs. L23	L2-3 up	GO:0005811	Development	Development	lipid droplet	C	AT5G39410
17124	3	F23 vs. L23	L2-3 up	GO:0009942	Development	Development	longitudinal axis specification	P	AT1G19850
17125	3	F23 vs. L23	L2-3 up	GO:0005765	Development	Development	lysosomal membrane	C	AT5G64500
17126	3	F23 vs. L23	L2-3 up	GO:0000323	Development	Development	lytic vacuole	C	AT4G39090
17127	3	F23 vs. L23	L2-3 up	GO:0000327	Development	Development	lytic vacuole within protein storage vacuole	C	AT1G21750
17128	3	F23 vs. L23	L2-3 up	GO:0048497	Development	Development	maintenance of floral organ identity	P	AT1G05230
17129	3	F23 vs. L23	L2-3 up	GO:0048497	Development	Development	maintenance of floral organ identity	P	AT4G04890
17130	3	F23 vs. L23	L2-3 up	GO:0010074	Development	Development	maintenance of meristem identity	P	AT2G46920
17131	3	F23 vs. L23	L2-3 up	GO:0010078	Development	Development	maintenance of root meristem identity	P	AT2G27230
17132	3	F23 vs. L23	L2-3 up	GO:0010078	Development	Development	maintenance of root meristem identity	P	AT3G08550
17133	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT1G06520
17134	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT1G30840
17135	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT2G24220
17136	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT2G45170
17137	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT3G06960
17138	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT3G09300
17139	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT4G26590
17140	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT5G05290
17141	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT5G64410
17142	3	F23 vs. L23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT5G65020
17143	3	F23 vs. L23	L2-3 up	GO:0061024	Development	Development	membrane organization	P	AT1G09180
17144	3	F23 vs. L23	L2-3 up	GO:0010022	Development	Development	meristem determinacy	P	AT4G28190
17145	3	F23 vs. L23	L2-3 up	GO:0048507	Development	Development	meristem development	P	AT1G19850
17146	3	F23 vs. L23	L2-3 up	GO:0048507	Development	Development	meristem development	P	AT5G61960
17147	3	F23 vs. L23	L2-3 up	GO:0010073	Development	Development	meristem maintenance	P	AT5G13290
17148	3	F23 vs. L23	L2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT5G46700
17149	3	F23 vs. L23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT2G01910
17150	3	F23 vs. L23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT2G45170
17151	3	F23 vs. L23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G50960
17152	3	F23 vs. L23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G10640
17153	3	F23 vs. L23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G32330
17154	3	F23 vs. L23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G32830
17155	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G24260
17156	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT2G42830
17157	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT2G46920
17158	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G27060
17159	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G50660

17160	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G58780
17161	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G09960
17162	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G14110
17163	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G28190
17164	3	F23 vs. L23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G38970
17165	3	F23 vs. L23	L2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT3G48860
17166	3	F23 vs. L23	L2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT1G73030
17167	3	F23 vs. L23	L2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT5G44560
17168	3	F23 vs. L23	L2-3 up	GO:0016459	Development	Development	myosin complex	C	AT4G33200
17169	3	F23 vs. L23	L2-3 up	GO:0005846	Development	Development	nuclear cap binding complex	C	AT2G13540
17170	3	F23 vs. L23	L2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT3G44530
17171	3	F23 vs. L23	L2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT5G27670
17172	3	F23 vs. L23	L2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT5G64610
17173	3	F23 vs. L23	L2-3 up	GO:0000228	Development	Development	nuclear chromosome	C	AT5G42920
17174	3	F23 vs. L23	L2-3 up	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT4G12620
17175	3	F23 vs. L23	L2-3 up	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT5G61000
17176	3	F23 vs. L23	L2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT2G42810
17177	3	F23 vs. L23	L2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT3G25980
17178	3	F23 vs. L23	L2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT3G56900
17179	3	F23 vs. L23	L2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT4G32910
17180	3	F23 vs. L23	L2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT5G16050
17181	3	F23 vs. L23	L2-3 up	GO:0000176	Development	Development	nuclear exosome (RNase complex)	C	AT3G46210
17182	3	F23 vs. L23	L2-3 up	GO:0031965	Development	Development	nuclear membrane	C	AT2G42810
17183	3	F23 vs. L23	L2-3 up	GO:0031965	Development	Development	nuclear membrane	C	AT4G32830
17184	3	F23 vs. L23	L2-3 up	GO:0031965	Development	Development	nuclear membrane	C	AT4G33200
17185	3	F23 vs. L23	L2-3 up	GO:0000818	Development	Development	nuclear MIS12/MIND complex	C	AT4G19350
17186	3	F23 vs. L23	L2-3 up	GO:0005643	Development	Development	nuclear pore	C	AT3G56900
17187	3	F23 vs. L23	L2-3 up	GO:0031080	Development	Development	nuclear pore outer ring	C	AT4G32910
17188	3	F23 vs. L23	L2-3 up	GO:0090305	Development	Development	nucleic acid phosphodiester bond hydrolysis	P	AT1G56310
17189	3	F23 vs. L23	L2-3 up	GO:0009295	Development	Development	nucleoid	C	AT1G14410
17190	3	F23 vs. L23	L2-3 up	GO:0007000	Development	Development	nucleolus organization	P	AT3G50960
17191	3	F23 vs. L23	L2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT3G25980
17192	3	F23 vs. L23	L2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT4G12080
17193	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03140
17194	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03330
17195	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G05230
17196	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G06110
17197	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09815
17198	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G10240
17199	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G10540
17200	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G12830
17201	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14510
17202	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14570
17203	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16920
17204	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17690
17205	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17840
17206	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18340
17207	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18540
17208	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19120
17209	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19330
17210	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19850
17211	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20270
17212	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20650
17213	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20930
17214	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21690
17215	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21750

17216	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23420
17217	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G24260
17218	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G24450
17219	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26470
17220	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29150
17221	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29370
17222	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29980
17223	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G30545
17224	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32220
17225	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G33420
17226	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G34150
17227	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G34190
17228	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G34380
17229	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G36240
17230	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G43190
17231	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48240
17232	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49480
17233	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49600
17234	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49910
17235	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50490
17236	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G52300
17237	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54080
17238	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G55840
17239	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G56310
17240	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62520
17241	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63470
17242	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G72040
17243	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G73970
17244	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75710
17245	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75980
17246	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G76540
17247	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G77470
17248	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78170
17249	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G79380
17250	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80780
17251	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80850
17252	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01060
17253	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01120
17254	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01220
17255	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01910
17256	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G02080
17257	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G02760
17258	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G03870
17259	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G13540
17260	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G13690
17261	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G15400
17262	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17560
17263	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18160
17264	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18410
17265	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G19385
17266	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G20670
17267	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G21060
17268	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23700
17269	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23930
17270	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G24220
17271	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G25900

17272	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G27230
17273	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G27970
17274	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G28740
17275	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31270
17276	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G32070
17277	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G33735
17278	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G36530
17279	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G37470
17280	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G38620
17281	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39570
17282	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39705
17283	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42810
17284	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42830
17285	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42840
17286	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45170
17287	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45590
17288	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45850
17289	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45950
17290	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G46420
17291	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G46920
17292	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47320
17293	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47850
17294	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47970
17295	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G02280
17296	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04670
17297	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04860
17298	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G06960
17299	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07580
17300	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07590
17301	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G09300
17302	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G10260
17303	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G10500
17304	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G11600
17305	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G11690
17306	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12040
17307	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12130
17308	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12550
17309	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12920
17310	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13000
17311	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13445
17312	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G14010
17313	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15180
17314	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17160
17315	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G18130
17316	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G18630
17317	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19910
17318	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G20810
17319	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21175
17320	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22630
17321	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22780
17322	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G24010
17323	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G24340
17324	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G24495
17325	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G24820
17326	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G25980
17327	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G26510

17328	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G27060
17329	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G27360
17330	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G28530
17331	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G44530
17332	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45930
17333	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45980
17334	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46770
17335	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46920
17336	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48150
17337	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48410
17338	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48510
17339	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48860
17340	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G49640
17341	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G49810
17342	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50070
17343	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50870
17344	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50960
17345	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G52610
17346	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G52940
17347	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G53890
17348	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54750
17349	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G55380
17350	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G55660
17351	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56900
17352	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57390
17353	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G58780
17354	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G59380
17355	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60830
17356	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61310
17357	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61610
17358	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G62050
17359	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G62800
17360	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G63010
17361	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G01960
17362	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02210
17363	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02440
17364	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02730
17365	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G04890
17366	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G05050
17367	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G08310
17368	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G09960
17369	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10270
17370	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10610
17371	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10620
17372	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10640
17373	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10970
17374	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12080
17375	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12600
17376	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12620
17377	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12720
17378	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G13640
17379	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14110
17380	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14270
17381	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15770
17382	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G16265
17383	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G18593

17384	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G19350
17385	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G21450
17386	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G21750
17387	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G22360
17388	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26610
17389	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G27450
17390	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28190
17391	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28240
17392	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G29830
17393	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G29910
17394	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G30220
17395	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G30480
17396	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32330
17397	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32830
17398	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32910
17399	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33200
17400	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33940
17401	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35020
17402	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35620
17403	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35910
17404	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G36650
17405	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37490
17406	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G38370
17407	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G38890
17408	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G39090
17409	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G40000
17410	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G40030
17411	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G01230
17412	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06000
17413	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G09240
17414	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10390
17415	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10400
17416	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G11510
17417	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G12440
17418	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G14710
17419	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G15080
17420	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G16050
17421	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G17800
17422	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G21010
17423	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G23580
17424	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G25280
17425	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G26210
17426	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G27670
17427	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G36230
17428	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G39410
17429	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40250
17430	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41970
17431	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42920
17432	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G44080
17433	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G44560
17434	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G45750
17435	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G46850
17436	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47060
17437	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G48340
17438	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G49710
17439	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G50960

17440	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51230
17441	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51410
17442	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51660
17443	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51910
17444	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53130
17445	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54930
17446	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55160
17447	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G56880
17448	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G57970
17449	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59970
17450	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61000
17451	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61380
17452	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61960
17453	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G63640
17454	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G63670
17455	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64200
17456	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64270
17457	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64610
17458	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65020
17459	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65360
17460	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65950
17461	3	F23 vs. L23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G66730
17462	3	F23 vs. L23	L2-3 up	GO:0019866	Development	Development	organelle inner membrane	C	AT5G20520
17463	3	F23 vs. L23	L2-3 up	GO:0007389	Development	Development	pattern specification process	P	AT1G02800
17464	3	F23 vs. L23	L2-3 up	GO:0010087	Development	Development	phloem or xylem histogenesis	P	AT2G32280
17465	3	F23 vs. L23	L2-3 up	GO:0000719	Development	Development	photoreactive repair	P	AT5G18070
17466	3	F23 vs. L23	L2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT1G49910
17467	3	F23 vs. L23	L2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G01910
17468	3	F23 vs. L23	L2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT4G32830
17469	3	F23 vs. L23	L2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G56580
17470	3	F23 vs. L23	L2-3 up	GO:0090627	Development	Development	plant epidermal cell differentiation	P	AT4G21750
17471	3	F23 vs. L23	L2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G23420
17472	3	F23 vs. L23	L2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G24260
17473	3	F23 vs. L23	L2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT2G42830
17474	3	F23 vs. L23	L2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT3G58780
17475	3	F23 vs. L23	L2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT4G09960
17476	3	F23 vs. L23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G01720
17477	3	F23 vs. L23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G01820
17478	3	F23 vs. L23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G22420
17479	3	F23 vs. L23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G08550
17480	3	F23 vs. L23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G42570
17481	3	F23 vs. L23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G51550
17482	3	F23 vs. L23	L2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT3G29810
17483	3	F23 vs. L23	L2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT5G05290
17484	3	F23 vs. L23	L2-3 up	GO:0009831	Development	Development	plant-type cell wall modification involved in multidimensional cell growth	P	AT3G08550
17485	3	F23 vs. L23	L2-3 up	GO:0009831	Development	Development	plant-type cell wall modification involved in multidimensional cell growth	P	AT5G05290
17486	3	F23 vs. L23	L2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29810
17487	3	F23 vs. L23	L2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G05290
17488	3	F23 vs. L23	L2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT1G02730
17489	3	F23 vs. L23	L2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G54030
17490	3	F23 vs. L23	L2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G13320
17491	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G02730
17492	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G07570
17493	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G10540

17494	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G13230
17495	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G13930
17496	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G16920
17497	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G17840
17498	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G18540
17499	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20650
17500	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G25320
17501	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G29980
17502	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G31335
17503	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G48240
17504	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G49480
17505	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G54080
17506	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G69840
17507	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G74020
17508	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G75630
17509	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01720
17510	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01820
17511	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02370
17512	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G05940
17513	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G13610
17514	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G25060
17515	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G25270
17516	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G27060
17517	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36160
17518	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36530
17519	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G45590
17520	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G45850
17521	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G46920
17522	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G01930
17523	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G05010
17524	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G08550
17525	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G10500
17526	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16180
17527	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16780
17528	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G21090
17529	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G22630
17530	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G29810
17531	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G48860
17532	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54030
17533	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G58100
17534	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G62220
17535	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G10640
17536	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G12720
17537	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G17260
17538	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G20410
17539	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G21450
17540	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25830
17541	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26610
17542	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27450
17543	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28240
17544	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29520
17545	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29830
17546	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30220
17547	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30690
17548	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35020
17549	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36180

17550	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36970
17551	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39090
17552	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39150
17553	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39400
17554	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G40030
17555	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02250
17556	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G03140
17557	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04770
17558	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05670
17559	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G06000
17560	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10390
17561	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10400
17562	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11020
17563	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11580
17564	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G13290
17565	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G14920
17566	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G15080
17567	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G16050
17568	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G19140
17569	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G20520
17570	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G23580
17571	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G25100
17572	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G39410
17573	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45370
17574	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45750
17575	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G46700
17576	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47710
17577	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47960
17578	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G52860
17579	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53130
17580	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G56590
17581	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58480
17582	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G59010
17583	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60300
17584	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60750
17585	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G63640
17586	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64870
17587	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G66710
17588	3	F23 vs. L23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G67200
17589	3	F23 vs. L23	L2-3 up	GO:0009663	Development	Development	plasmodesma organization	P	AT3G08550
17590	3	F23 vs. L23	L2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT1G23420
17591	3	F23 vs. L23	L2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G01820
17592	3	F23 vs. L23	L2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G57390
17593	3	F23 vs. L23	L2-3 up	GO:0010584	Development	Development	pollen exine formation	P	AT4G39400
17594	3	F23 vs. L23	L2-3 up	GO:0080022	Development	Development	primary root development	P	AT5G65020
17595	3	F23 vs. L23	L2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT1G21750
17596	3	F23 vs. L23	L2-3 up	GO:1904961	Development	Development	quiescent center organization	P	AT5G17800
17597	3	F23 vs. L23	L2-3 up	GO:0009956	Development	Development	radial pattern formation	P	AT5G46700
17598	3	F23 vs. L23	L2-3 up	GO:0048364	Development	Development	root development	P	AT1G19850
17599	3	F23 vs. L23	L2-3 up	GO:0048364	Development	Development	root development	P	AT2G02080
17600	3	F23 vs. L23	L2-3 up	GO:0048364	Development	Development	root development	P	AT2G27230
17601	3	F23 vs. L23	L2-3 up	GO:0048364	Development	Development	root development	P	AT3G18130
17602	3	F23 vs. L23	L2-3 up	GO:0048364	Development	Development	root development	P	AT5G20520
17603	3	F23 vs. L23	L2-3 up	GO:0080147	Development	Development	root hair cell development	P	AT1G19360
17604	3	F23 vs. L23	L2-3 up	GO:0080147	Development	Development	root hair cell development	P	AT3G06440
17605	3	F23 vs. L23	L2-3 up	GO:0080147	Development	Development	root hair cell development	P	AT3G11600

17606	3	F23 vs. L23	L2-3 up	GO:0010015	Development	Development	root morphogenesis	P	AT3G05010
17607	3	F23 vs. L23	L2-3 up	GO:0010015	Development	Development	root morphogenesis	P	AT5G46700
17608	3	F23 vs. L23	L2-3 up	GO:0031209	Development	Development	SCAR complex	C	AT2G46225
17609	3	F23 vs. L23	L2-3 up	GO:0010214	Development	Development	seed coat development	P	AT3G29810
17610	3	F23 vs. L23	L2-3 up	GO:0010214	Development	Development	seed coat development	P	AT4G09960
17611	3	F23 vs. L23	L2-3 up	GO:0048316	Development	Development	seed development	P	AT1G21750
17612	3	F23 vs. L23	L2-3 up	GO:0048316	Development	Development	seed development	P	AT3G29810
17613	3	F23 vs. L23	L2-3 up	GO:0048316	Development	Development	seed development	P	AT3G50070
17614	3	F23 vs. L23	L2-3 up	GO:0048316	Development	Development	seed development	P	AT4G09960
17615	3	F23 vs. L23	L2-3 up	GO:0009845	Development	Development	seed germination	P	AT3G18130
17616	3	F23 vs. L23	L2-3 up	GO:0009845	Development	Development	seed germination	P	AT4G04890
17617	3	F23 vs. L23	L2-3 up	GO:0009845	Development	Development	seed germination	P	AT4G21750
17618	3	F23 vs. L23	L2-3 up	GO:0010431	Development	Development	seed maturation	P	AT5G66730
17619	3	F23 vs. L23	L2-3 up	GO:0090351	Development	Development	seedling development	P	AT1G73030
17620	3	F23 vs. L23	L2-3 up	GO:0048367	Development	Development	shoot system development	P	AT1G02730
17621	3	F23 vs. L23	L2-3 up	GO:0048367	Development	Development	shoot system development	P	AT2G39705
17622	3	F23 vs. L23	L2-3 up	GO:0048367	Development	Development	shoot system development	P	AT3G18130
17623	3	F23 vs. L23	L2-3 up	GO:0030427	Development	Development	site of polarized growth	C	AT4G35020
17624	3	F23 vs. L23	L2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT1G24260
17625	3	F23 vs. L23	L2-3 up	GO:0048833	Development	Development	specification of floral organ number	P	AT1G24260
17626	3	F23 vs. L23	L2-3 up	GO:0010479	Development	Development	stele development	P	AT2G27230
17627	3	F23 vs. L23	L2-3 up	GO:0010222	Development	Development	stem vascular tissue pattern formation	P	AT1G17840
17628	3	F23 vs. L23	L2-3 up	GO:0030527	Development	Development	structural constituent of chromatin	F	AT2G17560
17629	3	F23 vs. L23	L2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G60830
17630	3	F23 vs. L23	L2-3 up	GO:0017056	Development	Development	structural constituent of nuclear pore	F	AT4G32910
17631	3	F23 vs. L23	L2-3 up	GO:0005198	Development	Development	structural molecule activity	F	AT1G29150
17632	3	F23 vs. L23	L2-3 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT1G05230
17633	3	F23 vs. L23	L2-3 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT2G46225
17634	3	F23 vs. L23	L2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G08550
17635	3	F23 vs. L23	L2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G50660
17636	3	F23 vs. L23	L2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT4G39400
17637	3	F23 vs. L23	L2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G05290
17638	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G16920
17639	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G68070
17640	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G69620
17641	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G69840
17642	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G74020
17643	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75630
17644	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G01720
17645	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G20740
17646	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36160
17647	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G06960
17648	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G07590
17649	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G12500
17650	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G15180
17651	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G22630
17652	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G20410
17653	3	F23 vs. L23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G39410
17654	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G16920
17655	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G21750
17656	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G24450
17657	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G54030
17658	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G69840
17659	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G74020
17660	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G75630
17661	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G22420

17662	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G23930
17663	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G25060
17664	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G28900
17665	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G12500
17666	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G13000
17667	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G13320
17668	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G22630
17669	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G01320
17670	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G12910
17671	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G29690
17672	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G38890
17673	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G39090
17674	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G39410
17675	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G45750
17676	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G47710
17677	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G59970
17678	3	F23 vs. L23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G64870
17679	3	F23 vs. L23	L2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G02760
17680	3	F23 vs. L23	L2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G22420
17681	3	F23 vs. L23	L2-3 up	GO:0048280	Development	Development	vesicle fusion with Golgi apparatus	P	AT1G48240
17682	3	F23 vs. L23	L2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT1G19850
17683	3	F23 vs. L23	L2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT2G15090
17684	3	F23 vs. L23	L2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT2G15090
17685	3	F23 vs. L23	L2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT2G15090
17686	3	F23 vs. L23	L2-3 up	GO:0003872	Metabolism	Bioenergetics	6-phosphofructokinase activity	F	AT2G22480
17687	3	F23 vs. L23	L2-3 up	GO:0080042	Metabolism	Bioenergetics	ADP-glucose pyrophosphohydrolase activity	F	AT4G12720
17688	3	F23 vs. L23	L2-3 up	GO:0047631	Metabolism	Bioenergetics	ADP-ribose diphosphatase activity	F	AT4G12720
17689	3	F23 vs. L23	L2-3 up	GO:0080041	Metabolism	Bioenergetics	ADP-ribose pyrophosphohydrolase activity	F	AT4G12720
17690	3	F23 vs. L23	L2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT1G12830
17691	3	F23 vs. L23	L2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATMG01360
17692	3	F23 vs. L23	L2-3 up	GO:0003825	Metabolism	Bioenergetics	alpha,alpha-trehalose-phosphate synthase (UDP-forming) activity	F	AT2G18700
17693	3	F23 vs. L23	L2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATCG01250
17694	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G17840
17695	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G75630
17696	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G01220
17697	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G13610
17698	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G21090
17699	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G39850
17700	3	F23 vs. L23	L2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G52860
17701	3	F23 vs. L23	L2-3 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	ATCG00670
17702	3	F23 vs. L23	L2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G27120
17703	3	F23 vs. L23	L2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G52030
17704	3	F23 vs. L23	L2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G06440
17705	3	F23 vs. L23	L2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G03140
17706	3	F23 vs. L23	L2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G60300
17707	3	F23 vs. L23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07690
17708	3	F23 vs. L23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G26140
17709	3	F23 vs. L23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G61610
17710	3	F23 vs. L23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G18070
17711	3	F23 vs. L23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G56590
17712	3	F23 vs. L23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G58480
17713	3	F23 vs. L23	L2-3 up	GO:0015937	Metabolism	Bioenergetics	coenzyme A biosynthetic process	P	AT3G18030
17714	3	F23 vs. L23	L2-3 up	GO:0004129	Metabolism	Bioenergetics	cytochrome-c oxidase activity	F	ATMG01360

17715	3	F23 vs. L23	L2-3 up	GO:0008094	Metabolism	Bioenergetics	DNA-dependent ATPase activity	F	AT1G18340
17716	3	F23 vs. L23	L2-3 up	GO:0008094	Metabolism	Bioenergetics	DNA-dependent ATPase activity	F	AT3G24495
17717	3	F23 vs. L23	L2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G02850
17718	3	F23 vs. L23	L2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G25060
17719	3	F23 vs. L23	L2-3 up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATMG01360
17720	3	F23 vs. L23	L2-3 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT4G39850
17721	3	F23 vs. L23	L2-3 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT5G48485
17722	3	F23 vs. L23	L2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT2G15090
17723	3	F23 vs. L23	L2-3 up	GO:0030497	Metabolism	Bioenergetics	fatty acid elongation	P	AT2G15090
17724	3	F23 vs. L23	L2-3 up	GO:0047938	Metabolism	Bioenergetics	glucose-6-phosphate 1-epimerase activity	F	AT3G61610
17725	3	F23 vs. L23	L2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G22480
17726	3	F23 vs. L23	L2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G36530
17727	3	F23 vs. L23	L2-3 up	GO:0046861	Metabolism	Bioenergetics	glyoxysomal membrane	C	AT4G39850
17728	3	F23 vs. L23	L2-3 up	GO:0006123	Metabolism	Bioenergetics	mitochondrial electron transport, cytochrome c to oxygen	P	ATMG01360
17729	3	F23 vs. L23	L2-3 up	GO:0006120	Metabolism	Bioenergetics	mitochondrial electron transport, NADH to ubiquinone	P	AT3G03070
17730	3	F23 vs. L23	L2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT1G12830
17731	3	F23 vs. L23	L2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT2G36530
17732	3	F23 vs. L23	L2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G18600
17733	3	F23 vs. L23	L2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT2G45270
17734	3	F23 vs. L23	L2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G44650
17735	3	F23 vs. L23	L2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G60210
17736	3	F23 vs. L23	L2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT2G22830
17737	3	F23 vs. L23	L2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT5G39410
17738	3	F23 vs. L23	L2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	ATMG01370
17739	3	F23 vs. L23	L2-3 up	GO:0005741	Metabolism	Bioenergetics	mitochondrial outer membrane	C	AT2G36530
17740	3	F23 vs. L23	L2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT3G03070
17741	3	F23 vs. L23	L2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT4G19540
17742	3	F23 vs. L23	L2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT1G12830
17743	3	F23 vs. L23	L2-3 up	GO:0005751	Metabolism	Bioenergetics	mitochondrial respiratory chain complex IV	C	ATMG01360
17744	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G06520
17745	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G07570
17746	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G10750
17747	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G18600
17748	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20230
17749	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20270
17750	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G27435
17751	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G30880
17752	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G32220
17753	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G63250
17754	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69620
17755	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69840
17756	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71260
17757	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72550
17758	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73030
17759	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73970
17760	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G74020
17761	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79380
17762	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79490
17763	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80700
17764	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01720
17765	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01910
17766	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G04900
17767	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G05940

17768	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G13540
17769	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G18700
17770	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G24150
17771	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35790
17772	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G36530
17773	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G45270
17774	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47320
17775	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01740
17776	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01930
17777	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02640
17778	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03070
17779	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G06960
17780	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G10260
17781	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G13120
17782	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G18630
17783	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G51010
17784	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G62220
17785	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G10970
17786	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12080
17787	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G19540
17788	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G26670
17789	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35020
17790	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G02250
17791	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G09950
17792	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G11020
17793	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13290
17794	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G14220
17795	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G16050
17796	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G18070
17797	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G19620
17798	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G25100
17799	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G38970
17800	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G39410
17801	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G39960
17802	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G41970
17803	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G46160
17804	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G48340
17805	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G51510
17806	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58930
17807	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64500
17808	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64670
17809	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G66380
17810	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01360
17811	3	F23 vs. L23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01370
17812	3	F23 vs. L23	L2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G07690
17813	3	F23 vs. L23	L2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT4G12720
17814	3	F23 vs. L23	L2-3 up	GO:0034356	Metabolism	Bioenergetics	NAD biosynthesis via nicotinamide riboside salvage pathway	P	AT2G01220
17815	3	F23 vs. L23	L2-3 up	GO:0000210	Metabolism	Bioenergetics	NAD+ diphosphatase activity	F	AT4G12720
17816	3	F23 vs. L23	L2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG01250
17817	3	F23 vs. L23	L2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT1G32220
17818	3	F23 vs. L23	L2-3 up	GO:0006116	Metabolism	Bioenergetics	NADH oxidation	P	AT3G07690
17819	3	F23 vs. L23	L2-3 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G12720
17820	3	F23 vs. L23	L2-3 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G29690
17821	3	F23 vs. L23	L2-3 up	GO:0003958	Metabolism	Bioenergetics	NADPH-hemoprotein reductase activity	F	AT3G02280
17822	3	F23 vs. L23	L2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G02280

17823	3	F23 vs. L23	L2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G14220
17824	3	F23 vs. L23	L2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G39410
17825	3	F23 vs. L23	L2-3 up	GO:0016651	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H	F	AT3G02280
17826	3	F23 vs. L23	L2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT2G26710
17827	3	F23 vs. L23	L2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G50660
17828	3	F23 vs. L23	L2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT5G38970
17829	3	F23 vs. L23	L2-3 up	GO:0000015	Metabolism	Bioenergetics	phosphopyruvate hydratase complex	C	AT2G36530
17830	3	F23 vs. L23	L2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G75630
17831	3	F23 vs. L23	L2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT1G75630
17832	3	F23 vs. L23	L2-3 up	GO:0033179	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V0 domain	C	AT1G75630
17833	3	F23 vs. L23	L2-3 up	GO:0010821	Metabolism	Bioenergetics	regulation of mitochondrion organization	P	AT1G18600
17834	3	F23 vs. L23	L2-3 up	GO:0010581	Metabolism	Bioenergetics	regulation of starch biosynthetic process	P	AT4G12720
17835	3	F23 vs. L23	L2-3 up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	ATMG01360
17836	3	F23 vs. L23	L2-3 up	GO:0001401	Metabolism	Bioenergetics	SAM complex	C	AT5G19620
17837	3	F23 vs. L23	L2-3 up	GO:0102420	Metabolism	Bioenergetics	sn-1-glycerol-3-phosphate C16:0-DCA-CoA acyl transferase activity	F	AT1G06520
17838	3	F23 vs. L23	L2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT5G20830
17839	3	F23 vs. L23	L2-3 up	GO:0016157	Metabolism	Bioenergetics	sucrose synthase activity	F	AT5G20830
17840	3	F23 vs. L23	L2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT1G12830
17841	3	F23 vs. L23	L2-3 up	GO:0006744	Metabolism	Bioenergetics	ubiquinone biosynthetic process	P	AT4G39850
17842	3	F23 vs. L23	L2-3 up	GO:1901006	Metabolism	Bioenergetics	ubiquinone-6 biosynthetic process	P	AT1G32220
17843	3	F23 vs. L23	L2-3 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT2G15090
17844	3	F23 vs. L23	L2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT2G15090
17845	3	F23 vs. L23	L2-3 up	GO:0005776	Metabolism	Catabolism	autophagosome	C	AT2G45170
17846	3	F23 vs. L23	L2-3 up	GO:0000421	Metabolism	Catabolism	autophagosome membrane	C	AT2G45170
17847	3	F23 vs. L23	L2-3 up	GO:0006914	Metabolism	Catabolism	autophagy	P	AT2G45170
17848	3	F23 vs. L23	L2-3 up	GO:0009056	Metabolism	Catabolism	catabolic process	P	AT3G63010
17849	3	F23 vs. L23	L2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT3G12500
17850	3	F23 vs. L23	L2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G02800
17851	3	F23 vs. L23	L2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G70710
17852	3	F23 vs. L23	L2-3 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT3G12500
17853	3	F23 vs. L23	L2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT1G49910
17854	3	F23 vs. L23	L2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT4G02730
17855	3	F23 vs. L23	L2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT4G29830
17856	3	F23 vs. L23	L2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G07590
17857	3	F23 vs. L23	L2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G60940
17858	3	F23 vs. L23	L2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G39090
17859	3	F23 vs. L23	L2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G60750
17860	3	F23 vs. L23	L2-3 up	GO:0006308	Metabolism	Catabolism	DNA catabolic process	P	AT4G21590
17861	3	F23 vs. L23	L2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G22630
17862	3	F23 vs. L23	L2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT4G01320
17863	3	F23 vs. L23	L2-3 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT4G21590
17864	3	F23 vs. L23	L2-3 up	GO:0004527	Metabolism	Catabolism	exonuclease activity	F	AT1G34380
17865	3	F23 vs. L23	L2-3 up	GO:0004527	Metabolism	Catabolism	exonuclease activity	F	AT3G46210
17866	3	F23 vs. L23	L2-3 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT1G80780
17867	3	F23 vs. L23	L2-3 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT2G32070
17868	3	F23 vs. L23	L2-3 up	GO:0008859	Metabolism	Catabolism	exoribonuclease II activity	F	AT5G02250
17869	3	F23 vs. L23	L2-3 up	GO:0000178	Metabolism	Catabolism	exosome (RNase complex)	C	AT5G02250
17870	3	F23 vs. L23	L2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT3G60830
17871	3	F23 vs. L23	L2-3 up	GO:0010047	Metabolism	Catabolism	fruit dehiscence	P	AT3G58780
17872	3	F23 vs. L23	L2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT4G10960
17873	3	F23 vs. L23	L2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT4G23920

17874	3	F23 vs. L23	L2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT4G10960
17875	3	F23 vs. L23	L2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT4G23920
17876	3	F23 vs. L23	L2-3 up	GO:0019563	Metabolism	Catabolism	glycerol catabolic process	P	AT1G48430
17877	3	F23 vs. L23	L2-3 up	GO:0046168	Metabolism	Catabolism	glycerol-3-phosphate catabolic process	P	AT3G07690
17878	3	F23 vs. L23	L2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G34190
17879	3	F23 vs. L23	L2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G10500
17880	3	F23 vs. L23	L2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT2G39220
17881	3	F23 vs. L23	L2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G18970
17882	3	F23 vs. L23	L2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G26790
17883	3	F23 vs. L23	L2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G39850
17884	3	F23 vs. L23	L2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G39090
17885	3	F23 vs. L23	L2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT2G45270
17886	3	F23 vs. L23	L2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT4G01320
17887	3	F23 vs. L23	L2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT4G14110
17888	3	F23 vs. L23	L2-3 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT4G05050
17889	3	F23 vs. L23	L2-3 up	GO:0061157	Metabolism	Catabolism	mRNA destabilization	P	AT2G25900
17890	3	F23 vs. L23	L2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G53190
17891	3	F23 vs. L23	L2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G24780
17892	3	F23 vs. L23	L2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G19730
17893	3	F23 vs. L23	L2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G22420
17894	3	F23 vs. L23	L2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G42570
17895	3	F23 vs. L23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G28740
17896	3	F23 vs. L23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G28900
17897	3	F23 vs. L23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G62050
17898	3	F23 vs. L23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G12910
17899	3	F23 vs. L23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G39850
17900	3	F23 vs. L23	L2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT3G12500
17901	3	F23 vs. L23	L2-3 up	GO:0012501	Metabolism	Catabolism	programmed cell death	P	AT3G27060
17902	3	F23 vs. L23	L2-3 up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT3G22630
17903	3	F23 vs. L23	L2-3 up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT3G22630
17904	3	F23 vs. L23	L2-3 up	GO:0043248	Metabolism	Catabolism	proteasome assembly	P	AT1G29150
17905	3	F23 vs. L23	L2-3 up	GO:0043248	Metabolism	Catabolism	proteasome assembly	P	AT3G15180
17906	3	F23 vs. L23	L2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G29150
17907	3	F23 vs. L23	L2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT3G22630
17908	3	F23 vs. L23	L2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT5G14710
17909	3	F23 vs. L23	L2-3 up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT3G22630
17910	3	F23 vs. L23	L2-3 up	GO:0008541	Metabolism	Catabolism	proteasome regulatory particle, lid subcomplex	C	AT1G29150
17911	3	F23 vs. L23	L2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT2G02760
17912	3	F23 vs. L23	L2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT2G47970
17913	3	F23 vs. L23	L2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT3G12920
17914	3	F23 vs. L23	L2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT3G22630
17915	3	F23 vs. L23	L2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G25510
17916	3	F23 vs. L23	L2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G29150
17917	3	F23 vs. L23	L2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT3G20015
17918	3	F23 vs. L23	L2-3 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT2G02760
17919	3	F23 vs. L23	L2-3 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT3G55380
17920	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G06110
17921	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G50490
17922	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G13690
17923	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G45950
17924	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G48150

17925	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G49810
17926	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G02440
17927	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G05050
17928	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G05080
17929	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G21010
17930	3	F23 vs. L23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G40250
17931	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G18600
17932	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G25510
17933	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G20015
17934	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G01320
17935	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G12910
17936	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G20520
17937	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G51750
17938	3	F23 vs. L23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	ATCG00670
17939	3	F23 vs. L23	L2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G39090
17940	3	F23 vs. L23	L2-3 up	GO:0043067	Metabolism	Catabolism	regulation of programmed cell death	P	AT1G21750
17941	3	F23 vs. L23	L2-3 up	GO:0043067	Metabolism	Catabolism	regulation of programmed cell death	P	AT3G12920
17942	3	F23 vs. L23	L2-3 up	GO:0090502	Metabolism	Catabolism	RNA phosphodiester bond hydrolysis, endonucleolytic	P	AT4G21590
17943	3	F23 vs. L23	L2-3 up	GO:0016075	Metabolism	Catabolism	rRNA catabolic process	P	AT3G46210
17944	3	F23 vs. L23	L2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT2G45950
17945	3	F23 vs. L23	L2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT4G12910
17946	3	F23 vs. L23	L2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G18600
17947	3	F23 vs. L23	L2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G51750
17948	3	F23 vs. L23	L2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	ATCG00670
17949	3	F23 vs. L23	L2-3 up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT3G22630
17950	3	F23 vs. L23	L2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT1G49910
17951	3	F23 vs. L23	L2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G27970
17952	3	F23 vs. L23	L2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G47970
17953	3	F23 vs. L23	L2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G50490
17954	3	F23 vs. L23	L2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT2G02760
17955	3	F23 vs. L23	L2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT3G55380
17956	3	F23 vs. L23	L2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT5G05080
17957	3	F23 vs. L23	L2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT2G45950
17958	3	F23 vs. L23	L2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G49810
17959	3	F23 vs. L23	L2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT2G47970
17960	3	F23 vs. L23	L2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT4G05050
17961	3	F23 vs. L23	L2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT5G40250
17962	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G29150
17963	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G02760
17964	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G47970
17965	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G22630
17966	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G55380
17967	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G05050
17968	3	F23 vs. L23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G05080
17969	3	F23 vs. L23	L2-3 up	GO:0044389	Metabolism	Catabolism	ubiquitin-like protein ligase binding	F	AT5G55160
17970	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G50490
17971	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G79380
17972	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT2G02760
17973	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G12920
17974	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G55380
17975	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT4G02440
17976	3	F23 vs. L23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G05080
17977	3	F23 vs. L23	L2-3 up	GO:0016706	Metabolism	Metabolism	2-oxoglutarate-dependent dioxygenase activity	F	AT3G20810

17978	3	F23 vs. L23	L2-3 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT1G56310
17979	3	F23 vs. L23	L2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT5G02250
17980	3	F23 vs. L23	L2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT1G50170
17981	3	F23 vs. L23	L2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G19540
17982	3	F23 vs. L23	L2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G25830
17983	3	F23 vs. L23	L2-3 up	GO:0008409	Metabolism	Metabolism	5'-3' exonuclease activity	F	AT1G34380
17984	3	F23 vs. L23	L2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT4G33200
17985	3	F23 vs. L23	L2-3 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT4G33200
17986	3	F23 vs. L23	L2-3 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT4G35020
17987	3	F23 vs. L23	L2-3 up	GO:0030048	Metabolism	Metabolism	actin filament-based movement	P	AT4G33200
17988	3	F23 vs. L23	L2-3 up	GO:0045010	Metabolism	Metabolism	actin nucleation	P	AT2G46225
17989	3	F23 vs. L23	L2-3 up	GO:0052595	Metabolism	Metabolism	aliphatic-amine oxidase activity	F	AT1G62810
17990	3	F23 vs. L23	L2-3 up	GO:0009820	Metabolism	Metabolism	alkaloid metabolic process	P	AT1G74020
17991	3	F23 vs. L23	L2-3 up	GO:0003905	Metabolism	Metabolism	alkylbase DNA N-glycosylase activity	F	AT3G12040
17992	3	F23 vs. L23	L2-3 up	GO:0004044	Metabolism	Metabolism	amidophosphoribosyltransferase activity	F	AT2G16570
17993	3	F23 vs. L23	L2-3 up	GO:0009308	Metabolism	Metabolism	amine metabolic process	P	AT1G62810
17994	3	F23 vs. L23	L2-3 up	GO:0052594	Metabolism	Metabolism	aminoacetone:oxygen oxidoreductase(deaminating) activity	F	AT1G62810
17995	3	F23 vs. L23	L2-3 up	GO:0010405	Metabolism	Metabolism	arabinogalactan protein metabolic process	P	AT1G27120
17996	3	F23 vs. L23	L2-3 up	GO:0010405	Metabolism	Metabolism	arabinogalactan protein metabolic process	P	AT3G06440
17997	3	F23 vs. L23	L2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G25510
17998	3	F23 vs. L23	L2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT3G20015
17999	3	F23 vs. L23	L2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G19730
18000	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G07570
18001	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G17410
18002	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G17840
18003	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G20650
18004	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G20930
18005	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G21690
18006	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G25320
18007	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G26270
18008	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50490
18009	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G63250
18010	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G72550
18011	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G76540
18012	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G77470
18013	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01120
18014	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01820
18015	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G02760
18016	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G05940
18017	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G13610
18018	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G22480
18019	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G38620
18020	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G45590
18021	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12670
18022	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21090
18023	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24340
18024	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24495
18025	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54030
18026	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55380
18027	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G62220
18028	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G12620
18029	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G14680
18030	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G26610
18031	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G29910
18032	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G32830

18033	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G33200
18034	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G36180
18035	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39400
18036	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39850
18037	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G03140
18038	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G05080
18039	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G13290
18040	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G14640
18041	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G15080
18042	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G16050
18043	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G23580
18044	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G50960
18045	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G52860
18046	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G56580
18047	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G59010
18048	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G60300
18049	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G61000
18050	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G66710
18051	3	F23 vs. L23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G67200
18052	3	F23 vs. L23	L2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	ATCG00670
18053	3	F23 vs. L23	L2-3 up	GO:0048487	Metabolism	Metabolism	beta-tubulin binding	F	AT3G50960
18054	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G02180
18055	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14570
18056	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21930
18057	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G27435
18058	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G29980
18059	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G30880
18060	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G31335
18061	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G53860
18062	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G62500
18063	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G62520
18064	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G69840
18065	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G70160
18066	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G72670
18067	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G73470
18068	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G73940
18069	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G78170
18070	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G80700
18071	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G02370
18072	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20515
18073	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20740
18074	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G23700
18075	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G29020
18076	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G35790
18077	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G41950
18078	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G44360
18079	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G46420
18080	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G47850
18081	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G01740
18082	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G02640
18083	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G03590
18084	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G04560
18085	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G04860
18086	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G07580
18087	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G11690
18088	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G17160

18089	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G24820
18090	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G26510
18091	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G32930
18092	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G45050
18093	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G51010
18094	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G52610
18095	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G54750
18096	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G58100
18097	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G59840
18098	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G01960
18099	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G02210
18100	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G08310
18101	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G10330
18102	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G10610
18103	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G10640
18104	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G18975
18105	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G22360
18106	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28240
18107	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G29030
18108	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G32330
18109	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G35750
18110	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G07590
18111	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11580
18112	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G14710
18113	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G18420
18114	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G21070
18115	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G25280
18116	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G41970
18117	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48340
18118	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48480
18119	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G49710
18120	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G54930
18121	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G56880
18122	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G58250
18123	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G58930
18124	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G59410
18125	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64870
18126	3	F23 vs. L23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	ATMG01370
18127	3	F23 vs. L23	L2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G74020
18128	3	F23 vs. L23	L2-3 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G53130
18129	3	F23 vs. L23	L2-3 up	GO:0016024	Metabolism	Metabolism	CDP-diacylglycerol biosynthetic process	P	AT1G06520
18130	3	F23 vs. L23	L2-3 up	GO:0034613	Metabolism	Metabolism	cellular protein localization	P	AT1G49480
18131	3	F23 vs. L23	L2-3 up	GO:0034622	Metabolism	Metabolism	cellular protein-containing complex assembly	P	AT5G19620
18132	3	F23 vs. L23	L2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G02800
18133	3	F23 vs. L23	L2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G70710
18134	3	F23 vs. L23	L2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT1G02730
18135	3	F23 vs. L23	L2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT3G08550
18136	3	F23 vs. L23	L2-3 up	GO:0010215	Metabolism	Metabolism	cellulose microfibril organization	P	AT3G08550
18137	3	F23 vs. L23	L2-3 up	GO:0010215	Metabolism	Metabolism	cellulose microfibril organization	P	AT3G29810
18138	3	F23 vs. L23	L2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT1G02730
18139	3	F23 vs. L23	L2-3 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G53130
18140	3	F23 vs. L23	L2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT3G12500
18141	3	F23 vs. L23	L2-3 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT3G12500
18142	3	F23 vs. L23	L2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT2G17560
18143	3	F23 vs. L23	L2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G12620
18144	3	F23 vs. L23	L2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT5G27670

18145	3	F23 vs. L23	L2-3 up	GO:0009236	Metabolism	Metabolism	cobalamin biosynthetic process	P	AT1G50170
18146	3	F23 vs. L23	L2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G62810
18147	3	F23 vs. L23	L2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G36530
18148	3	F23 vs. L23	L2-3 up	GO:0006241	Metabolism	Metabolism	CTP biosynthetic process	P	AT1G17410
18149	3	F23 vs. L23	L2-3 up	GO:0006241	Metabolism	Metabolism	CTP biosynthetic process	P	AT3G12670
18150	3	F23 vs. L23	L2-3 up	GO:0003883	Metabolism	Metabolism	CTP synthase activity	F	AT3G12670
18151	3	F23 vs. L23	L2-3 up	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT2G45950
18152	3	F23 vs. L23	L2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT1G06520
18153	3	F23 vs. L23	L2-3 up	GO:0044210	Metabolism	Metabolism	'de novo' CTP biosynthetic process	P	AT3G12670
18154	3	F23 vs. L23	L2-3 up	GO:0006189	Metabolism	Metabolism	'de novo' IMP biosynthetic process	P	AT2G16570
18155	3	F23 vs. L23	L2-3 up	GO:0050613	Metabolism	Metabolism	delta14-sterol reductase activity	F	AT3G52940
18156	3	F23 vs. L23	L2-3 up	GO:0019136	Metabolism	Metabolism	deoxynucleoside kinase activity	F	AT1G72040
18157	3	F23 vs. L23	L2-3 up	GO:0009157	Metabolism	Metabolism	deoxyribonucleoside monophosphate biosynthetic process	P	AT1G72040
18158	3	F23 vs. L23	L2-3 up	GO:0009263	Metabolism	Metabolism	deoxyribonucleotide biosynthetic process	P	AT3G27060
18159	3	F23 vs. L23	L2-3 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT1G48300
18160	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G14410
18161	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G23420
18162	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G24260
18163	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G34380
18164	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G49480
18165	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G71260
18166	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G01060
18167	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G15400
18168	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G17560
18169	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G19385
18170	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G21060
18171	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G25900
18172	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G27230
18173	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G28740
18174	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G31270
18175	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G36530
18176	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G37470
18177	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G47850
18178	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G12040
18179	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G12130
18180	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G20015
18181	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G24340
18182	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G44530
18183	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G45980
18184	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G46770
18185	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G58780
18186	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G02210
18187	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G04890
18188	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G09960
18189	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G12080
18190	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G21750
18191	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G28190
18192	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G09240
18193	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G12440
18194	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G27670
18195	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G51230
18196	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G61380
18197	3	F23 vs. L23	L2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G65360
18198	3	F23 vs. L23	L2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT1G80850
18199	3	F23 vs. L23	L2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12040

18200	3	F23 vs. L23	L2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT5G57970
18201	3	F23 vs. L23	L2-3 up	GO:0052822	Metabolism	Metabolism	DNA-3-methylguanine glycosylase activity	F	AT3G12040
18202	3	F23 vs. L23	L2-3 up	GO:0052821	Metabolism	Metabolism	DNA-7-methyladenine glycosylase activity	F	AT3G12040
18203	3	F23 vs. L23	L2-3 up	GO:0043916	Metabolism	Metabolism	DNA-7-methylguanine glycosylase activity	F	AT3G12040
18204	3	F23 vs. L23	L2-3 up	GO:0019348	Metabolism	Metabolism	dolichol metabolic process	P	AT1G74340
18205	3	F23 vs. L23	L2-3 up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT4G16710
18206	3	F23 vs. L23	L2-3 up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT5G02410
18207	3	F23 vs. L23	L2-3 up	GO:0106073	Metabolism	Metabolism	dolichyl pyrophosphate Glc2Man9GlcNAc2 alpha-1,2-glucosyltransferase activity	F	AT5G02410
18208	3	F23 vs. L23	L2-3 up	GO:0004579	Metabolism	Metabolism	dolichyl-diphosphooligosaccharide-protein glycotransferase activity	F	AT2G01720
18209	3	F23 vs. L23	L2-3 up	GO:0004582	Metabolism	Metabolism	dolichyl-phosphate beta-D-mannosyltransferase activity	F	AT1G74340
18210	3	F23 vs. L23	L2-3 up	GO:0004583	Metabolism	Metabolism	dolichyl-phosphate-glucose-glycolipid alpha-glucosyltransferase activity	F	AT5G02410
18211	3	F23 vs. L23	L2-3 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT2G34620
18212	3	F23 vs. L23	L2-3 up	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT3G18130
18213	3	F23 vs. L23	L2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT2G28650
18214	3	F23 vs. L23	L2-3 up	GO:0004311	Metabolism	Metabolism	farnesyltranstransferase activity	F	AT3G59380
18215	3	F23 vs. L23	L2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT2G22830
18216	3	F23 vs. L23	L2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G02280
18217	3	F23 vs. L23	L2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G49640
18218	3	F23 vs. L23	L2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT4G38890
18219	3	F23 vs. L23	L2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G02280
18220	3	F23 vs. L23	L2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G18030
18221	3	F23 vs. L23	L2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT1G32930
18222	3	F23 vs. L23	L2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT1G53290
18223	3	F23 vs. L23	L2-3 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT4G35020
18224	3	F23 vs. L23	L2-3 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT4G39520
18225	3	F23 vs. L23	L2-3 up	GO:0046527	Metabolism	Metabolism	glucosyltransferase activity	F	AT1G02730
18226	3	F23 vs. L23	L2-3 up	GO:0046527	Metabolism	Metabolism	glucosyltransferase activity	F	AT5G02410
18227	3	F23 vs. L23	L2-3 up	GO:0006541	Metabolism	Metabolism	glutamine metabolic process	P	AT2G16570
18228	3	F23 vs. L23	L2-3 up	GO:0090447	Metabolism	Metabolism	glycerol-3-phosphate 2-O-acyltransferase activity	F	AT1G06520
18229	3	F23 vs. L23	L2-3 up	GO:0004367	Metabolism	Metabolism	glycerol-3-phosphate dehydrogenase [NAD+] activity	F	AT3G07690
18230	3	F23 vs. L23	L2-3 up	GO:0009331	Metabolism	Metabolism	glycerol-3-phosphate dehydrogenase complex	C	AT3G07690
18231	3	F23 vs. L23	L2-3 up	GO:0006072	Metabolism	Metabolism	glycerol-3-phosphate metabolic process	P	AT3G07690
18232	3	F23 vs. L23	L2-3 up	GO:0004366	Metabolism	Metabolism	glycerol-3-phosphate O-acyltransferase activity	F	AT1G06520
18233	3	F23 vs. L23	L2-3 up	GO:0004371	Metabolism	Metabolism	glycerone kinase activity	F	AT1G48430
18234	3	F23 vs. L23	L2-3 up	GO:0009247	Metabolism	Metabolism	glycolipid biosynthetic process	P	AT5G39410
18235	3	F23 vs. L23	L2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT1G74340
18236	3	F23 vs. L23	L2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT5G46850
18237	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G04170
18238	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G09180
18239	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G16920
18240	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G10620
18241	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G35020
18242	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G39520
18243	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G45750
18244	3	F23 vs. L23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G47960
18245	3	F23 vs. L23	L2-3 up	GO:0006183	Metabolism	Metabolism	GTP biosynthetic process	P	AT1G17410
18246	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G04170
18247	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G09180
18248	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G16920

18249	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G35020
18250	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G39520
18251	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G45750
18252	3	F23 vs. L23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G47960
18253	3	F23 vs. L23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G22420
18254	3	F23 vs. L23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G26710
18255	3	F23 vs. L23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G50660
18256	3	F23 vs. L23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G38970
18257	3	F23 vs. L23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	ATMG01360
18258	3	F23 vs. L23	L2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT4G14680
18259	3	F23 vs. L23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G72040
18260	3	F23 vs. L23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G39220
18261	3	F23 vs. L23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G48410
18262	3	F23 vs. L23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G63010
18263	3	F23 vs. L23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G10620
18264	3	F23 vs. L23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G36610
18265	3	F23 vs. L23	L2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G54030
18266	3	F23 vs. L23	L2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G18970
18267	3	F23 vs. L23	L2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G26790
18268	3	F23 vs. L23	L2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G23730
18269	3	F23 vs. L23	L2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G26140
18270	3	F23 vs. L23	L2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G48580
18271	3	F23 vs. L23	L2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT4G03210
18272	3	F23 vs. L23	L2-3 up	GO:1990714	Metabolism	Metabolism	hydroxyproline O-galactosyltransferase activity	F	AT1G27120
18273	3	F23 vs. L23	L2-3 up	GO:1990714	Metabolism	Metabolism	hydroxyproline O-galactosyltransferase activity	F	AT3G06440
18274	3	F23 vs. L23	L2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G19850
18275	3	F23 vs. L23	L2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G50170
18276	3	F23 vs. L23	L2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G12670
18277	3	F23 vs. L23	L2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G39400
18278	3	F23 vs. L23	L2-3 up	GO:0005242	Metabolism	Metabolism	inward rectifier potassium channel activity	F	AT5G53130
18279	3	F23 vs. L23	L2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G20270
18280	3	F23 vs. L23	L2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G26710
18281	3	F23 vs. L23	L2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G50660
18282	3	F23 vs. L23	L2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G38970
18283	3	F23 vs. L23	L2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT4G19540
18284	3	F23 vs. L23	L2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT5G50960
18285	3	F23 vs. L23	L2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT1G50170
18286	3	F23 vs. L23	L2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT2G16570
18287	3	F23 vs. L23	L2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT5G50960
18288	3	F23 vs. L23	L2-3 up	GO:0045703	Metabolism	Metabolism	ketoreductase activity	F	AT1G24470
18289	3	F23 vs. L23	L2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT1G78170
18290	3	F23 vs. L23	L2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT3G11600
18291	3	F23 vs. L23	L2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT4G08310
18292	3	F23 vs. L23	L2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT2G22420
18293	3	F23 vs. L23	L2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT1G05230
18294	3	F23 vs. L23	L2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G09300
18295	3	F23 vs. L23	L2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT4G21750
18296	3	F23 vs. L23	L2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G53190
18297	3	F23 vs. L23	L2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT4G24780
18298	3	F23 vs. L23	L2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G72550
18299	3	F23 vs. L23	L2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G36530
18300	3	F23 vs. L23	L2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT1G02730

18301	3	F23 vs. L23	L2-3 up	GO:1904408	Metabolism	Metabolism	melatonin binding	F	AT3G05010
18302	3	F23 vs. L23	L2-3 up	GO:0008502	Metabolism	Metabolism	melatonin receptor activity	F	AT3G05010
18303	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G15250
18304	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G18340
18305	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G23420
18306	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G33420
18307	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G50170
18308	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G52300
18309	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G74370
18310	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G79380
18311	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G80780
18312	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G02080
18313	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G02850
18314	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G04700
18315	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G16570
18316	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22420
18317	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22480
18318	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G25900
18319	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G32070
18320	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42810
18321	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G44650
18322	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45270
18323	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G46920
18324	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G47850
18325	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12130
18326	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12920
18327	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G19910
18328	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G20810
18329	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24010
18330	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24450
18331	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G27060
18332	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G53190
18333	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G60210
18334	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G01320
18335	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12620
18336	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12720
18337	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G21590
18338	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24780
18339	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G33940
18340	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G36650
18341	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G38890
18342	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G12440
18343	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G18070
18344	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G40250
18345	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47060
18346	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47710
18347	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G50960
18348	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G56300
18349	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G61000
18350	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G64610
18351	3	F23 vs. L23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	ATMG01360
18352	3	F23 vs. L23	L2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G29590
18353	3	F23 vs. L23	L2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G40000
18354	3	F23 vs. L23	L2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G59500
18355	3	F23 vs. L23	L2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT2G01910
18356	3	F23 vs. L23	L2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT4G32330

18357	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G02180
18358	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G13930
18359	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21930
18360	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G26470
18361	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G27435
18362	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G30880
18363	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G31335
18364	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G62500
18365	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70160
18366	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G73470
18367	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G73940
18368	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G73970
18369	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75980
18370	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80700
18371	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G02370
18372	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G04900
18373	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20515
18374	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20740
18375	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G23700
18376	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G29020
18377	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G35790
18378	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G39705
18379	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G44360
18380	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G02640
18381	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03590
18382	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G04560
18383	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07580
18384	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G11690
18385	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17160
18386	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G24820
18387	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G29810
18388	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G32930
18389	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G45050
18390	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G48510
18391	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G51010
18392	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G52610
18393	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G54750
18394	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G59840
18395	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G01960
18396	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10270
18397	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10330
18398	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G14270
18399	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G18975
18400	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G19350
18401	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28240
18402	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29030
18403	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G32330
18404	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G35750
18405	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G07590
18406	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G09440
18407	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G14710
18408	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G18420
18409	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19620
18410	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G21070
18411	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25280
18412	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46700

18413	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46850
18414	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G48340
18415	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G48480
18416	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G49710
18417	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G51510
18418	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G51550
18419	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G56880
18420	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G58250
18421	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G58930
18422	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G59410
18423	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G64870
18424	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G65950
18425	3	F23 vs. L23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	ATMG01370
18426	3	F23 vs. L23	L2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G50660
18427	3	F23 vs. L23	L2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G38970
18428	3	F23 vs. L23	L2-3 up	GO:0003774	Metabolism	Metabolism	motor activity	F	AT4G33200
18429	3	F23 vs. L23	L2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT3G06440
18430	3	F23 vs. L23	L2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT3G29810
18431	3	F23 vs. L23	L2-3 up	GO:0032405	Metabolism	Metabolism	MutLalpha complex binding	F	AT3G24495
18432	3	F23 vs. L23	L2-3 up	GO:0061711	Metabolism	Metabolism	N(6)-L-threonylcarbamoyladenine synthase activity	F	AT2G45270
18433	3	F23 vs. L23	L2-3 up	GO:0000309	Metabolism	Metabolism	nicotinamide-nucleotide adenylyltransferase activity	F	AT2G01220
18434	3	F23 vs. L23	L2-3 up	GO:0017196	Metabolism	Metabolism	N-terminal peptidyl-methionine acetylation	P	AT1G03150
18435	3	F23 vs. L23	L2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT4G16265
18436	3	F23 vs. L23	L2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT4G21590
18437	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G20270
18438	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G24470
18439	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G62810
18440	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G22420
18441	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G22830
18442	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G26710
18443	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G02280
18444	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G20810
18445	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G27060
18446	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G49640
18447	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50660
18448	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G52940
18449	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G27440
18450	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G38890
18451	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G14220
18452	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G38970
18453	3	F23 vs. L23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G39410
18454	3	F23 vs. L23	L2-3 up	GO:0004729	Metabolism	Metabolism	oxygen-dependent protoporphyrinogen oxidase activity	F	AT5G14220
18455	3	F23 vs. L23	L2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G53190
18456	3	F23 vs. L23	L2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT4G24780
18457	3	F23 vs. L23	L2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT1G24170
18458	3	F23 vs. L23	L2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G19730
18459	3	F23 vs. L23	L2-3 up	GO:0052596	Metabolism	Metabolism	phenethylamine:oxygen oxidoreductase (deaminating) activity	F	AT1G62810
18460	3	F23 vs. L23	L2-3 up	GO:0070300	Metabolism	Metabolism	phosphatidic acid binding	F	AT3G06960
18461	3	F23 vs. L23	L2-3 up	GO:0006646	Metabolism	Metabolism	phosphatidylethanolamine biosynthetic process	P	AT4G25970
18462	3	F23 vs. L23	L2-3 up	GO:0004609	Metabolism	Metabolism	phosphatidylserine decarboxylase activity	F	AT4G25970
18463	3	F23 vs. L23	L2-3 up	GO:0004610	Metabolism	Metabolism	phosphoacetylglucosamine mutase activity	F	AT5G18070
18464	3	F23 vs. L23	L2-3 up	GO:0005543	Metabolism	Metabolism	phospholipid binding	F	AT2G46920

18465	3	F23 vs. L23	L2-3 up	GO:0004633	Metabolism	Metabolism	phosphopantothenoylcysteine decarboxylase activity	F	AT3G18030
18466	3	F23 vs. L23	L2-3 up	GO:0004634	Metabolism	Metabolism	phosphopyruvate hydratase activity	F	AT2G36530
18467	3	F23 vs. L23	L2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G12330
18468	3	F23 vs. L23	L2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G72040
18469	3	F23 vs. L23	L2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G62220
18470	3	F23 vs. L23	L2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G11020
18471	3	F23 vs. L23	L2-3 up	GO:0052324	Metabolism	Metabolism	plant-type cell wall cellulose biosynthetic process	P	AT3G29810
18472	3	F23 vs. L23	L2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT1G24170
18473	3	F23 vs. L23	L2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT3G58100
18474	3	F23 vs. L23	L2-3 up	GO:0015288	Metabolism	Metabolism	porin activity	F	AT2G28900
18475	3	F23 vs. L23	L2-3 up	GO:0008131	Metabolism	Metabolism	primary amine oxidase activity	F	AT1G62810
18476	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G05230
18477	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G06110
18478	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G10240
18479	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14570
18480	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17840
18481	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19120
18482	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19330
18483	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19850
18484	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20930
18485	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G21750
18486	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G23420
18487	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G24260
18488	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G25320
18489	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32930
18490	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G47710
18491	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G49480
18492	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G56310
18493	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G63470
18494	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G69840
18495	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G73030
18496	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G75630
18497	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76540
18498	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G79380
18499	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G01120
18500	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G01720
18501	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G01820
18502	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G02080
18503	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G05940
18504	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G13540
18505	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G15400
18506	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G18160
18507	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27970
18508	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G28900
18509	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31270
18510	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G32070
18511	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G32280
18512	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G33735
18513	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36160
18514	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38620
18515	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G42810
18516	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G42830
18517	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45170
18518	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46225

18519	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02280
18520	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G05010
18521	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11600
18522	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13445
18523	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G14010
18524	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G20810
18525	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G21175
18526	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G24495
18527	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G25980
18528	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26510
18529	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G44530
18530	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G48150
18531	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50070
18532	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50870
18533	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G53430
18534	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G54030
18535	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56900
18536	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57390
18537	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G58780
18538	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G59380
18539	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G62800
18540	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G63010
18541	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G02440
18542	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G04890
18543	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G09960
18544	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G10640
18545	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G10970
18546	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12620
18547	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12720
18548	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13640
18549	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G14110
18550	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G21750
18551	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26610
18552	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26670
18553	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27440
18554	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27450
18555	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G28190
18556	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29520
18557	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29830
18558	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29910
18559	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G32830
18560	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G32910
18561	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33200
18562	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35020
18563	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35620
18564	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36180
18565	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37490
18566	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39400
18567	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39850
18568	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G11510
18569	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13290
18570	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G14640
18571	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G14920
18572	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16050
18573	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G17800
18574	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G21010

18575	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G39850
18576	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42480
18577	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G44560
18578	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45750
18579	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G48485
18580	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51230
18581	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51660
18582	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51910
18583	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G55160
18584	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G56580
18585	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G59010
18586	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G59970
18587	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G61380
18588	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G61960
18589	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64610
18590	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65360
18591	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G66730
18592	3	F23 vs. L23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00360
18593	3	F23 vs. L23	L2-3 up	GO:0030674	Metabolism	Metabolism	protein binding, bridging	F	AT1G14570
18594	3	F23 vs. L23	L2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT1G26270
18595	3	F23 vs. L23	L2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT1G69840
18596	3	F23 vs. L23	L2-3 up	GO:0008318	Metabolism	Metabolism	protein prenyltransferase activity	F	AT3G59380
18597	3	F23 vs. L23	L2-3 up	GO:0009982	Metabolism	Metabolism	pseudouridine synthase activity	F	AT1G34150
18598	3	F23 vs. L23	L2-3 up	GO:0009113	Metabolism	Metabolism	purine nucleobase biosynthetic process	P	AT2G16570
18599	3	F23 vs. L23	L2-3 up	GO:0019856	Metabolism	Metabolism	pyrimidine nucleobase biosynthetic process	P	AT3G12670
18600	3	F23 vs. L23	L2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT1G62810
18601	3	F23 vs. L23	L2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01250
18602	3	F23 vs. L23	L2-3 up	GO:0010325	Metabolism	Metabolism	raffinose family oligosaccharide biosynthetic process	P	AT3G63010
18603	3	F23 vs. L23	L2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G56300
18604	3	F23 vs. L23	L2-3 up	GO:0019748	Metabolism	Metabolism	secondary metabolic process	P	AT4G12910
18605	3	F23 vs. L23	L2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT5G20520
18606	3	F23 vs. L23	L2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	ATCG00670
18607	3	F23 vs. L23	L2-3 up	GO:0032143	Metabolism	Metabolism	single thymine insertion binding	F	AT3G24495
18608	3	F23 vs. L23	L2-3 up	GO:0019354	Metabolism	Metabolism	siroheme biosynthetic process	P	AT1G50170
18609	3	F23 vs. L23	L2-3 up	GO:0016852	Metabolism	Metabolism	sirohydrochlorin cobaltochelatase activity	F	AT1G50170
18610	3	F23 vs. L23	L2-3 up	GO:0051266	Metabolism	Metabolism	sirohydrochlorin ferrochelatase activity	F	AT1G50170
18611	3	F23 vs. L23	L2-3 up	GO:0005483	Metabolism	Metabolism	soluble NSF attachment protein activity	F	AT4G20410
18612	3	F23 vs. L23	L2-3 up	GO:0004506	Metabolism	Metabolism	squalene monooxygenase activity	F	AT2G22830
18613	3	F23 vs. L23	L2-3 up	GO:0004781	Metabolism	Metabolism	sulfate adenylyltransferase (ATP) activity	F	AT4G14680
18614	3	F23 vs. L23	L2-3 up	GO:0016783	Metabolism	Metabolism	sulfurtransferase activity	F	AT4G35910
18615	3	F23 vs. L23	L2-3 up	GO:0048488	Metabolism	Metabolism	synaptic vesicle endocytosis	P	AT3G60830
18616	3	F23 vs. L23	L2-3 up	GO:0019905	Metabolism	Metabolism	syntaxin binding	F	AT4G20410
18617	3	F23 vs. L23	L2-3 up	GO:0017025	Metabolism	Metabolism	TBP-class protein binding	F	AT4G36650
18618	3	F23 vs. L23	L2-3 up	GO:0046906	Metabolism	Metabolism	tetrapyrrole binding	F	AT2G42810
18619	3	F23 vs. L23	L2-3 up	GO:0010180	Metabolism	Metabolism	thioglucosidase binding	F	AT1G52030
18620	3	F23 vs. L23	L2-3 up	GO:0010169	Metabolism	Metabolism	thioglucosidase complex	C	AT1G52030
18621	3	F23 vs. L23	L2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT5G40250
18622	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G19360
18623	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G24170
18624	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G27120
18625	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G32930
18626	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G33250
18627	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G53290
18628	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G18700

18629	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G06440
18630	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G08550
18631	3	F23 vs. L23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G12970
18632	3	F23 vs. L23	L2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT4G16710
18633	3	F23 vs. L23	L2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT1G48300
18634	3	F23 vs. L23	L2-3 up	GO:0052593	Metabolism	Metabolism	tryptamine:oxygen oxidoreductase (deaminating) activity	F	AT1G62810
18635	3	F23 vs. L23	L2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT4G10960
18636	3	F23 vs. L23	L2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT4G23920
18637	3	F23 vs. L23	L2-3 up	GO:0006048	Metabolism	Metabolism	UDP-N-acetylglucosamine biosynthetic process	P	AT5G18070
18638	3	F23 vs. L23	L2-3 up	GO:0006228	Metabolism	Metabolism	UTP biosynthetic process	P	AT1G17410
18639	3	F23 vs. L23	L2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT2G27230
18640	3	F23 vs. L23	L2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G23730
18641	3	F23 vs. L23	L2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G48580
18642	3	F23 vs. L23	L2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT4G03210
18643	3	F23 vs. L23	L2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G23730
18644	3	F23 vs. L23	L2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G48580
18645	3	F23 vs. L23	L2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT4G03210
18646	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G10240
18647	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G20230
18648	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G19385
18649	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G21060
18650	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G50870
18651	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G16265
18652	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G09950
18653	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G48485
18654	3	F23 vs. L23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G63670
18655	3	F23 vs. L23	L2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT4G27440
18656	3	F23 vs. L23	L2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT5G14220
18657	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12330
18658	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G13930
18659	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G14410
18660	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16740
18661	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17410
18662	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G21750
18663	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G24450
18664	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29150
18665	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32220
18666	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G36240
18667	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G47845
18668	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G49600
18669	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50000
18670	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50170
18671	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54030
18672	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G68070
18673	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70710
18674	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G71260
18675	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G73470
18676	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74020
18677	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74340
18678	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G75630
18679	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G02080
18680	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G04700
18681	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G15090
18682	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G16570
18683	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20670

18684	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G22480
18685	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G27060
18686	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28900
18687	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31270
18688	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31840
18689	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G34620
18690	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36530
18691	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G41950
18692	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44650
18693	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G45270
18694	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03590
18695	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04560
18696	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04770
18697	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G05010
18698	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06960
18699	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G08550
18700	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G13120
18701	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G18630
18702	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23710
18703	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G29290
18704	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G32930
18705	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45050
18706	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48860
18707	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G49640
18708	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G51010
18709	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54030
18710	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G59840
18711	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G60210
18712	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01320
18713	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G09900
18714	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14680
18715	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17260
18716	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17610
18717	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G18975
18718	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G19540
18719	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G26670
18720	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G27440
18721	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G29590
18722	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G30690
18723	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G31850
18724	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G02250
18725	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G03140
18726	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04770
18727	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09440
18728	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11020
18729	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14220
18730	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14640
18731	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15220
18732	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16150
18733	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G18070
18734	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19140
18735	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19620
18736	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19730
18737	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24490
18738	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39850
18739	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39960

18740	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42480
18741	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45370
18742	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G46160
18743	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G56580
18744	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58250
18745	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G59410
18746	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G60300
18747	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G60750
18748	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65020
18749	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G66380
18750	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G67200
18751	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00360
18752	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00590
18753	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00670
18754	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00770
18755	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00790
18756	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00830
18757	3	F23 vs. L23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01250
18758	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G13930
18759	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G01220
18760	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G04700
18761	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G28900
18762	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G44650
18763	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G06960
18764	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G32930
18765	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G59840
18766	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G26670
18767	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G27440
18768	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G14220
18769	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16150
18770	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G19620
18771	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G39410
18772	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G42480
18773	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G66380
18774	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00670
18775	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00770
18776	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00790
18777	3	F23 vs. L23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00830
18778	3	F23 vs. L23	L2-3 up	GO:0010020	Metabolism	Photosynthesis	chloroplast fission	P	AT5G42480
18779	3	F23 vs. L23	L2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G16150
18780	3	F23 vs. L23	L2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G42480
18781	3	F23 vs. L23	L2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G04770
18782	3	F23 vs. L23	L2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G66380
18783	3	F23 vs. L23	L2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G31270
18784	3	F23 vs. L23	L2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G31840
18785	3	F23 vs. L23	L2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G53890
18786	3	F23 vs. L23	L2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G02250
18787	3	F23 vs. L23	L2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G19620
18788	3	F23 vs. L23	L2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G42480
18789	3	F23 vs. L23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT2G28900
18790	3	F23 vs. L23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G06960
18791	3	F23 vs. L23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT4G26670
18792	3	F23 vs. L23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT4G27440
18793	3	F23 vs. L23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT4G36650
18794	3	F23 vs. L23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT5G19620
18795	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G13930

18796	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G04700
18797	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G16570
18798	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G31840
18799	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G41950
18800	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G44650
18801	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G13120
18802	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G45980
18803	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G14680
18804	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G16050
18805	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G24490
18806	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00670
18807	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00770
18808	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00790
18809	3	F23 vs. L23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00830
18810	3	F23 vs. L23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G45980
18811	3	F23 vs. L23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G27440
18812	3	F23 vs. L23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G14220
18813	3	F23 vs. L23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G24490
18814	3	F23 vs. L23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45180
18815	3	F23 vs. L23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G27440
18816	3	F23 vs. L23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00360
18817	3	F23 vs. L23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00670
18818	3	F23 vs. L23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00700
18819	3	F23 vs. L23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01250
18820	3	F23 vs. L23	L2-3 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	ATCG00670
18821	3	F23 vs. L23	L2-3 up	GO:0010019	Metabolism	Photosynthesis	chloroplast-nucleus signaling pathway	P	AT2G42810
18822	3	F23 vs. L23	L2-3 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT2G22480
18823	3	F23 vs. L23	L2-3 up	GO:0006783	Metabolism	Photosynthesis	heme biosynthetic process	P	AT5G14220
18824	3	F23 vs. L23	L2-3 up	GO:0031357	Metabolism	Photosynthesis	integral component of chloroplast inner membrane	C	AT5G42480
18825	3	F23 vs. L23	L2-3 up	GO:1902325	Metabolism	Photosynthesis	negative regulation of chlorophyll biosynthetic process	P	AT2G42810
18826	3	F23 vs. L23	L2-3 up	GO:0110128	Metabolism	Photosynthesis	phloem sucrose unloading	P	AT5G65020
18827	3	F23 vs. L23	L2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G27440
18828	3	F23 vs. L23	L2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG00700
18829	3	F23 vs. L23	L2-3 up	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT5G60750
18830	3	F23 vs. L23	L2-3 up	GO:0048564	Metabolism	Photosynthesis	photosystem I assembly	P	ATCG00360
18831	3	F23 vs. L23	L2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00700
18832	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G01910
18833	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G16570
18834	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G28900
18835	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G44650
18836	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G06960
18837	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G23710
18838	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G51010
18839	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G59840
18840	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G60210
18841	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14220
18842	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14920
18843	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16050
18844	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16150
18845	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G19140
18846	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G19620
18847	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G24490
18848	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25100
18849	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27670
18850	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G39410

18851	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G39850
18852	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G41970
18853	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G42480
18854	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G45750
18855	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47710
18856	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47960
18857	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G48760
18858	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G51510
18859	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55160
18860	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56590
18861	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58250
18862	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59970
18863	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63640
18864	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64270
18865	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64870
18866	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65020
18867	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65360
18868	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65950
18869	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00770
18870	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00790
18871	3	F23 vs. L23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00830
18872	3	F23 vs. L23	L2-3 up	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT1G14410
18873	3	F23 vs. L23	L2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00790
18874	3	F23 vs. L23	L2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00830
18875	3	F23 vs. L23	L2-3 up	GO:0042646	Metabolism	Photosynthesis	plastid nucleoid	C	AT2G34620
18876	3	F23 vs. L23	L2-3 up	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT2G28900
18877	3	F23 vs. L23	L2-3 up	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT4G36650
18878	3	F23 vs. L23	L2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00770
18879	3	F23 vs. L23	L2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT2G16570
18880	3	F23 vs. L23	L2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	ATCG00670
18881	3	F23 vs. L23	L2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G32220
18882	3	F23 vs. L23	L2-3 up	GO:0006779	Metabolism	Photosynthesis	porphyrin-containing compound biosynthetic process	P	AT5G14220
18883	3	F23 vs. L23	L2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT2G28900
18884	3	F23 vs. L23	L2-3 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT4G26670
18885	3	F23 vs. L23	L2-3 up	GO:0016630	Metabolism	Photosynthesis	protochlorophyllide reductase activity	F	AT4G27440
18886	3	F23 vs. L23	L2-3 up	GO:0006782	Metabolism	Photosynthesis	protoporphyrinogen IX biosynthetic process	P	AT5G14220
18887	3	F23 vs. L23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G21750
18888	3	F23 vs. L23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G32220
18889	3	F23 vs. L23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G58250
18890	3	F23 vs. L23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G65020
18891	3	F23 vs. L23	L2-3 up	GO:0034196	Metabolism	Transporters	acylglycerol transport	P	AT3G06960
18892	3	F23 vs. L23	L2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G04770
18893	3	F23 vs. L23	L2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G28900
18894	3	F23 vs. L23	L2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G04770
18895	3	F23 vs. L23	L2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G17840
18896	3	F23 vs. L23	L2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G13610
18897	3	F23 vs. L23	L2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G21090
18898	3	F23 vs. L23	L2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT4G39850
18899	3	F23 vs. L23	L2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G52860

18900	3	F23 vs. L23	L2-3 up	GO:0015174	Metabolism	Transporters	basic amino acid transmembrane transporter activity	F	AT5G04770
18901	3	F23 vs. L23	L2-3 up	GO:0015691	Metabolism	Transporters	cadmium ion transport	P	AT3G13320
18902	3	F23 vs. L23	L2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G13320
18903	3	F23 vs. L23	L2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT3G13320
18904	3	F23 vs. L23	L2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT5G53130
18905	3	F23 vs. L23	L2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT5G16150
18906	3	F23 vs. L23	L2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT5G16150
18907	3	F23 vs. L23	L2-3 up	GO:0030127	Metabolism	Transporters	COPII vesicle coat	C	AT1G09180
18908	3	F23 vs. L23	L2-3 up	GO:0080051	Metabolism	Transporters	cutin transport	P	AT1G17840
18909	3	F23 vs. L23	L2-3 up	GO:0031410	Metabolism	Transporters	cytoplasmic vesicle	C	AT2G45170
18910	3	F23 vs. L23	L2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G09180
18911	3	F23 vs. L23	L2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G48240
18912	3	F23 vs. L23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G19360
18913	3	F23 vs. L23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G20270
18914	3	F23 vs. L23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G08550
18915	3	F23 vs. L23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G39400
18916	3	F23 vs. L23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G25100
18917	3	F23 vs. L23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G47960
18918	3	F23 vs. L23	L2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT4G39400
18919	3	F23 vs. L23	L2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G25100
18920	3	F23 vs. L23	L2-3 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT1G73030
18921	3	F23 vs. L23	L2-3 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT5G44560
18922	3	F23 vs. L23	L2-3 up	GO:1990052	Metabolism	Transporters	ER to chloroplast lipid transport	P	AT3G06960
18923	3	F23 vs. L23	L2-3 up	GO:0012507	Metabolism	Transporters	ER to Golgi transport vesicle membrane	C	AT1G48240
18924	3	F23 vs. L23	L2-3 up	GO:0015230	Metabolism	Transporters	FAD transmembrane transporter activity	F	AT5G66380
18925	3	F23 vs. L23	L2-3 up	GO:0015245	Metabolism	Transporters	fatty acid transmembrane transporter activity	F	AT1G17840
18926	3	F23 vs. L23	L2-3 up	GO:0015908	Metabolism	Transporters	fatty acid transport	P	AT1G17840
18927	3	F23 vs. L23	L2-3 up	GO:0015916	Metabolism	Transporters	fatty-acyl-CoA transport	P	AT4G39850
18928	3	F23 vs. L23	L2-3 up	GO:0008517	Metabolism	Transporters	folic acid transmembrane transporter activity	F	AT5G66380
18929	3	F23 vs. L23	L2-3 up	GO:0015884	Metabolism	Transporters	folic acid transport	P	AT5G66380
18930	3	F23 vs. L23	L2-3 up	GO:0006895	Metabolism	Transporters	Golgi to endosome transport	P	AT5G65950
18931	3	F23 vs. L23	L2-3 up	GO:0006896	Metabolism	Transporters	Golgi to vacuole transport	P	AT1G48240
18932	3	F23 vs. L23	L2-3 up	GO:0005221	Metabolism	Transporters	intracellular cyclic nucleotide activated cation channel activity	F	AT5G53130
18933	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G09180
18934	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G16920
18935	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G54030
18936	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT4G20410
18937	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G45750
18938	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G47960
18939	3	F23 vs. L23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G63640
18940	3	F23 vs. L23	L2-3 up	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G48240
18941	3	F23 vs. L23	L2-3 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G53130
18942	3	F23 vs. L23	L2-3 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT1G73030
18943	3	F23 vs. L23	L2-3 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT5G44560
18944	3	F23 vs. L23	L2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G09300
18945	3	F23 vs. L23	L2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G48485
18946	3	F23 vs. L23	L2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G64500
18947	3	F23 vs. L23	L2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G48485
18948	3	F23 vs. L23	L2-3 up	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT3G16180

18949	3	F23 vs. L23	L2-3 up	GO:0006828	Metabolism	Transporters	manganese ion transport	P	AT3G13320
18950	3	F23 vs. L23	L2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT3G13320
18951	3	F23 vs. L23	L2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT3G24450
18952	3	F23 vs. L23	L2-3 up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT2G42810
18953	3	F23 vs. L23	L2-3 up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT3G56900
18954	3	F23 vs. L23	L2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G16180
18955	3	F23 vs. L23	L2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT5G64410
18956	3	F23 vs. L23	L2-3 up	GO:0006857	Metabolism	Transporters	oligopeptide transport	P	AT4G26590
18957	3	F23 vs. L23	L2-3 up	GO:0006857	Metabolism	Transporters	oligopeptide transport	P	AT5G64410
18958	3	F23 vs. L23	L2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G16180
18959	3	F23 vs. L23	L2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G16180
18960	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G10540
18961	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G18540
18962	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G29150
18963	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G48240
18964	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G54030
18965	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69840
18966	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G74020
18967	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G01820
18968	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G25060
18969	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G25270
18970	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36160
18971	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36530
18972	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G42810
18973	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G15180
18974	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G42570
18975	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G48930
18976	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G57490
18977	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G58100
18978	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G27450
18979	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09440
18980	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G12970
18981	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G18070
18982	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G20830
18983	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25100
18984	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G39850
18985	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G46700
18986	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G48485
18987	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G51550
18988	3	F23 vs. L23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G59010
18989	3	F23 vs. L23	L2-3 up	GO:0015774	Metabolism	Transporters	polysaccharide transport	P	AT5G65020
18990	3	F23 vs. L23	L2-3 up	GO:0046930	Metabolism	Transporters	pore complex	C	AT2G28900
18991	3	F23 vs. L23	L2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G53130
18992	3	F23 vs. L23	L2-3 up	GO:0032527	Metabolism	Transporters	protein exit from endoplasmic reticulum	P	AT1G54030
18993	3	F23 vs. L23	L2-3 up	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT4G32910
18994	3	F23 vs. L23	L2-3 up	GO:0045039	Metabolism	Transporters	protein insertion into mitochondrial inner membrane	P	AT4G26670
18995	3	F23 vs. L23	L2-3 up	GO:0045040	Metabolism	Transporters	protein insertion into mitochondrial outer membrane	P	AT5G19620
18996	3	F23 vs. L23	L2-3 up	GO:0006623	Metabolism	Transporters	protein targeting to vacuole	P	AT1G48240
18997	3	F23 vs. L23	L2-3 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	AT4G26670
18998	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G73030
18999	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G28650
19000	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G45170
19001	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT3G56900
19002	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G26590

19003	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G44560
19004	3	F23 vs. L23	L2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G64410
19005	3	F23 vs. L23	L2-3 up	GO:0005345	Metabolism	Transporters	purine nucleobase transmembrane transporter activity	F	AT1G30840
19006	3	F23 vs. L23	L2-3 up	GO:0005345	Metabolism	Transporters	purine nucleobase transmembrane transporter activity	F	AT2G24220
19007	3	F23 vs. L23	L2-3 up	GO:0006863	Metabolism	Transporters	purine nucleobase transport	P	AT1G30840
19008	3	F23 vs. L23	L2-3 up	GO:0006863	Metabolism	Transporters	purine nucleobase transport	P	AT2G24220
19009	3	F23 vs. L23	L2-3 up	GO:0015211	Metabolism	Transporters	purine nucleoside transmembrane transporter activity	F	AT1G30840
19010	3	F23 vs. L23	L2-3 up	GO:0015211	Metabolism	Transporters	purine nucleoside transmembrane transporter activity	F	AT2G24220
19011	3	F23 vs. L23	L2-3 up	GO:0003400	Metabolism	Transporters	regulation of COPII vesicle coating	P	AT1G09180
19012	3	F23 vs. L23	L2-3 up	GO:0060627	Metabolism	Transporters	regulation of vesicle-mediated transport	P	AT1G16920
19013	3	F23 vs. L23	L2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G21750
19014	3	F23 vs. L23	L2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G02850
19015	3	F23 vs. L23	L2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G25060
19016	3	F23 vs. L23	L2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G12500
19017	3	F23 vs. L23	L2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G22630
19018	3	F23 vs. L23	L2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G48485
19019	3	F23 vs. L23	L2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G48240
19020	3	F23 vs. L23	L2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G48240
19021	3	F23 vs. L23	L2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G48240
19022	3	F23 vs. L23	L2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT4G20410
19023	3	F23 vs. L23	L2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G14680
19024	3	F23 vs. L23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G02730
19025	3	F23 vs. L23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G16920
19026	3	F23 vs. L23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G19360
19027	3	F23 vs. L23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G20270
19028	3	F23 vs. L23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G08550
19029	3	F23 vs. L23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G25100
19030	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G10540
19031	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G17840
19032	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G72820
19033	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G13610
19034	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G21090
19035	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G26590
19036	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G39850
19037	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G52860
19038	3	F23 vs. L23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G64500
19039	3	F23 vs. L23	L2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G10540
19040	3	F23 vs. L23	L2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G72820
19041	3	F23 vs. L23	L2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G10540
19042	3	F23 vs. L23	L2-3 up	GO:0016050	Metabolism	Transporters	vesicle organization	P	AT1G09180
19043	3	F23 vs. L23	L2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G73030
19044	3	F23 vs. L23	L2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G20410
19045	3	F23 vs. L23	L2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G44560
19046	3	F23 vs. L23	L2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT2G44650
19047	3	F23 vs. L23	L2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT3G60210
19048	3	F23 vs. L23	L2-3 up	GO:0061077	Regulation	Protein modification	chaperone-mediated protein folding	P	AT4G29520
19049	3	F23 vs. L23	L2-3 up	GO:0033185	Regulation	Protein modification	dolichol-phosphate-mannose synthase complex	C	AT1G74340
19050	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G09180
19051	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G18540
19052	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G20270
19053	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G21750
19054	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G24470

19055	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G54030
19056	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G74020
19057	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G74340
19058	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G01720
19059	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G15090
19060	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G22830
19061	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G32280
19062	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36160
19063	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36530
19064	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37470
19065	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G06960
19066	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G48410
19067	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G50660
19068	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G56900
19069	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G01320
19070	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G25970
19071	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G29520
19072	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G02410
19073	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G05670
19074	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G12970
19075	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G20520
19076	3	F23 vs. L23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G48485
19077	3	F23 vs. L23	L2-3 up	GO:0070971	Regulation	Protein modification	endoplasmic reticulum exit site	C	AT1G09180
19078	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G20270
19079	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G24470
19080	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G34190
19081	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G48240
19082	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G01720
19083	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G15090
19084	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G10260
19085	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G10500
19086	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G21450
19087	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G25970
19088	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G02410
19089	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G46850
19090	3	F23 vs. L23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G51510
19091	3	F23 vs. L23	L2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT1G74340
19092	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G02730
19093	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G09180
19094	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G19360
19095	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G20270
19096	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G24170
19097	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27120
19098	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G32930
19099	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G33250
19100	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G48240
19101	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G53290
19102	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G74020
19103	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47320
19104	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G06440
19105	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G08550
19106	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G29810
19107	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G11580
19108	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16050
19109	3	F23 vs. L23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G25100
19110	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G02730

19111	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G19360
19112	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G24170
19113	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G27120
19114	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G32930
19115	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G53290
19116	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G06440
19117	3	F23 vs. L23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G25100
19118	3	F23 vs. L23	L2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G29590
19119	3	F23 vs. L23	L2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G56300
19120	3	F23 vs. L23	L2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G59500
19121	3	F23 vs. L23	L2-3 up	GO:0031416	Regulation	Protein modification	NatB complex	C	AT1G03150
19122	3	F23 vs. L23	L2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT2G47320
19123	3	F23 vs. L23	L2-3 up	GO:0051259	Regulation	Protein modification	protein complex oligomerization	P	AT2G29500
19124	3	F23 vs. L23	L2-3 up	GO:0000338	Regulation	Protein modification	protein deneddylation	P	AT4G14110
19125	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G24260
19126	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT2G15400
19127	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT2G27230
19128	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT3G57390
19129	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G09960
19130	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G10960
19131	3	F23 vs. L23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G23920
19132	3	F23 vs. L23	L2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT1G21750
19133	3	F23 vs. L23	L2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT5G16050
19134	3	F23 vs. L23	L2-3 up	GO:0018343	Regulation	Protein modification	protein farnesylation	P	AT3G59380
19135	3	F23 vs. L23	L2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT1G21750
19136	3	F23 vs. L23	L2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT2G29500
19137	3	F23 vs. L23	L2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT2G44650
19138	3	F23 vs. L23	L2-3 up	GO:0018344	Regulation	Protein modification	protein geranylgeranylation	P	AT3G59380
19139	3	F23 vs. L23	L2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G32930
19140	3	F23 vs. L23	L2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G53290
19141	3	F23 vs. L23	L2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G74340
19142	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G18160
19143	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G37470
19144	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT3G45980
19145	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT3G59380
19146	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT4G39400
19147	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G27670
19148	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G59970
19149	3	F23 vs. L23	L2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G65360
19150	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G17840
19151	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G27230
19152	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G06960
19153	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G50870
19154	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G26670
19155	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G39400
19156	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G17800
19157	3	F23 vs. L23	L2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G50960
19158	3	F23 vs. L23	L2-3 up	GO:0072657	Regulation	Protein modification	protein localization to membrane	P	AT5G25100
19159	3	F23 vs. L23	L2-3 up	GO:0018377	Regulation	Protein modification	protein myristoylation	P	AT2G46920
19160	3	F23 vs. L23	L2-3 up	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT2G01720
19161	3	F23 vs. L23	L2-3 up	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT5G02410
19162	3	F23 vs. L23	L2-3 up	GO:0018279	Regulation	Protein modification	protein N-linked glycosylation via asparagine	P	AT2G01720
19163	3	F23 vs. L23	L2-3 up	GO:0018258	Regulation	Protein modification	protein O-linked glycosylation via hydroxyproline	P	AT1G27120
19164	3	F23 vs. L23	L2-3 up	GO:0018258	Regulation	Protein modification	protein O-linked glycosylation via hydroxyproline	P	AT3G06440
19165	3	F23 vs. L23	L2-3 up	GO:0018345	Regulation	Protein modification	protein palmitoylation	P	AT2G46920
19166	3	F23 vs. L23	L2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT2G47320

19167	3	F23 vs. L23	L2-3 up	GO:0070212	Regulation	Protein modification	protein poly-ADP-ribosylation	P	AT4G12720
19168	3	F23 vs. L23	L2-3 up	GO:0018342	Regulation	Protein modification	protein prenylation	P	AT3G59380
19169	3	F23 vs. L23	L2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT2G29500
19170	3	F23 vs. L23	L2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT5G42480
19171	3	F23 vs. L23	L2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT5G48485
19172	3	F23 vs. L23	L2-3 up	GO:0016925	Regulation	Protein modification	protein sumoylation	P	AT5G55160
19173	3	F23 vs. L23	L2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT4G05050
19174	3	F23 vs. L23	L2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT5G55160
19175	3	F23 vs. L23	L2-3 up	GO:0070206	Regulation	Protein modification	protein trimerization	P	AT4G14680
19176	3	F23 vs. L23	L2-3 up	GO:0043541	Regulation	Protein modification	UDP-N-acetylglucosamine transferase complex	C	AT4G16710
19177	3	F23 vs. L23	L2-3 up	GO:0004596	Regulation	Protein modification	peptide alpha-N-acetyltransferase activity	F	AT1G03150
19178	3	F23 vs. L23	L2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT3G57390
19179	3	F23 vs. L23	L2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT4G28190
19180	3	F23 vs. L23	L2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT4G29830
19181	3	F23 vs. L23	L2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT5G51230
19182	3	F23 vs. L23	L2-3 up	GO:0032211	Regulation	Regulation	negative regulation of telomere maintenance via telomerase	P	AT1G14410
19183	3	F23 vs. L23	L2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT4G39400
19184	3	F23 vs. L23	L2-3 up	GO:0070863	Regulation	Regulation	positive regulation of protein exit from endoplasmic reticulum	P	AT1G09180
19185	3	F23 vs. L23	L2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT4G39850
19186	3	F23 vs. L23	L2-3 up	GO:1904278	Regulation	Regulation	positive regulation of wax biosynthetic process	P	AT4G29830
19187	3	F23 vs. L23	L2-3 up	GO:0032956	Regulation	Regulation	regulation of actin cytoskeleton organization	P	AT4G35020
19188	3	F23 vs. L23	L2-3 up	GO:0001558	Regulation	Regulation	regulation of cell growth	P	AT4G37490
19189	3	F23 vs. L23	L2-3 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT3G59380
19190	3	F23 vs. L23	L2-3 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT4G35020
19191	3	F23 vs. L23	L2-3 up	GO:1903338	Regulation	Regulation	regulation of cell wall organization or biogenesis	P	AT4G09960
19192	3	F23 vs. L23	L2-3 up	GO:0040034	Regulation	Regulation	regulation of development, heterochronic	P	AT1G69440
19193	3	F23 vs. L23	L2-3 up	GO:2000769	Regulation	Regulation	regulation of establishment or maintenance of cell polarity regulating cell shape	P	AT4G33200
19194	3	F23 vs. L23	L2-3 up	GO:0010080	Regulation	Regulation	regulation of floral meristem growth	P	AT4G28190
19195	3	F23 vs. L23	L2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT3G50870
19196	3	F23 vs. L23	L2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT5G13290
19197	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G26710
19198	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G42830
19199	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G08550
19200	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G18030
19201	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G24010
19202	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G48860
19203	3	F23 vs. L23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G58780
19204	3	F23 vs. L23	L2-3 up	GO:0010081	Regulation	Regulation	regulation of inflorescence meristem growth	P	AT4G28190
19205	3	F23 vs. L23	L2-3 up	GO:0048509	Regulation	Regulation	regulation of meristem development	P	AT3G59380
19206	3	F23 vs. L23	L2-3 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT5G13290
19207	3	F23 vs. L23	L2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G20930
19208	3	F23 vs. L23	L2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G76540
19209	3	F23 vs. L23	L2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT2G46920
19210	3	F23 vs. L23	L2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT3G22780
19211	3	F23 vs. L23	L2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT3G50870
19212	3	F23 vs. L23	L2-3 up	GO:2001009	Regulation	Regulation	regulation of plant-type cell wall cellulose biosynthetic process	P	AT3G08550
19213	3	F23 vs. L23	L2-3 up	GO:0010082	Regulation	Regulation	regulation of root meristem growth	P	AT5G13290
19214	3	F23 vs. L23	L2-3 up	GO:0080113	Regulation	Regulation	regulation of seed growth	P	AT5G17800
19215	3	F23 vs. L23	L2-3 up	GO:1900140	Regulation	Regulation	regulation of seedling development	P	AT4G39400
19216	3	F23 vs. L23	L2-3 up	GO:2000037	Regulation	Regulation	regulation of stomatal complex patterning	P	AT2G38620
19217	3	F23 vs. L23	L2-3 up	GO:0006370	Regulation	Transcription	7-methylguanosine mRNA capping	P	AT2G13540
19218	3	F23 vs. L23	L2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT1G63470

19219	3	F23 vs. L23	L2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT2G45850
19220	3	F23 vs. L23	L2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT3G61310
19221	3	F23 vs. L23	L2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT4G12080
19222	3	F23 vs. L23	L2-3 up	GO:0016593	Regulation	Transcription	Cdc73/Paf1 complex	C	AT4G29830
19223	3	F23 vs. L23	L2-3 up	GO:0031490	Regulation	Transcription	chromatin DNA binding	F	AT5G51230
19224	3	F23 vs. L23	L2-3 up	GO:0030702	Regulation	Transcription	chromatin silencing at centromere	P	AT3G44530
19225	3	F23 vs. L23	L2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT3G50870
19226	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G05230
19227	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G19850
19228	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G23420
19229	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G24260
19230	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G34190
19231	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G43860
19232	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G75710
19233	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G01060
19234	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G02080
19235	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G17560
19236	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G18160
19237	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G25900
19238	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G27230
19239	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42830
19240	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G04670
19241	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G10500
19242	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G12130
19243	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G13000
19244	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G13445
19245	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G20810
19246	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G22780
19247	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G50870
19248	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G57390
19249	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G58780
19250	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G04890
19251	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G09960
19252	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G13640
19253	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G21750
19254	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G11510
19255	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G17800
19256	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G44080
19257	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G51230
19258	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G51910
19259	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G61380
19260	3	F23 vs. L23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G66730
19261	3	F23 vs. L23	L2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT2G41950
19262	3	F23 vs. L23	L2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT4G16265
19263	3	F23 vs. L23	L2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT3G13445
19264	3	F23 vs. L23	L2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT4G36650
19265	3	F23 vs. L23	L2-3 up	GO:0032044	Regulation	Transcription	DSIF complex	C	AT5G63670
19266	3	F23 vs. L23	L2-3 up	GO:0000408	Regulation	Transcription	EKC/KEOPS complex	C	AT2G45270
19267	3	F23 vs. L23	L2-3 up	GO:0035195	Regulation	Transcription	gene silencing by miRNA	P	AT1G69440
19268	3	F23 vs. L23	L2-3 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT2G46420
19269	3	F23 vs. L23	L2-3 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT3G24340
19270	3	F23 vs. L23	L2-3 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT5G61000
19271	3	F23 vs. L23	L2-3 up	GO:0016573	Regulation	Transcription	histone acetylation	P	AT1G26470
19272	3	F23 vs. L23	L2-3 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G64610
19273	3	F23 vs. L23	L2-3 up	GO:0043995	Regulation	Transcription	histone acetyltransferase activity (H4-K5 specific)	F	AT5G64610

19274	3	F23 vs. L23	L2-3 up	GO:0000123	Regulation	Transcription	histone acetyltransferase complex	C	AT5G64610
19275	3	F23 vs. L23	L2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT2G27970
19276	3	F23 vs. L23	L2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G12620
19277	3	F23 vs. L23	L2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT5G64610
19278	3	F23 vs. L23	L2-3 up	GO:0033523	Regulation	Transcription	histone H2B ubiquitination	P	AT2G02760
19279	3	F23 vs. L23	L2-3 up	GO:0070544	Regulation	Transcription	histone H3-K36 demethylation	P	AT3G20810
19280	3	F23 vs. L23	L2-3 up	GO:0010452	Regulation	Transcription	histone H3-K36 methylation	P	AT4G29830
19281	3	F23 vs. L23	L2-3 up	GO:0051568	Regulation	Transcription	histone H3-K4 methylation	P	AT4G29830
19282	3	F23 vs. L23	L2-3 up	GO:0035175	Regulation	Transcription	histone kinase activity (H3-S10 specific)	F	AT4G32830
19283	3	F23 vs. L23	L2-3 up	GO:0046975	Regulation	Transcription	histone methyltransferase activity (H3-K36 specific)	F	AT3G20810
19284	3	F23 vs. L23	L2-3 up	GO:0016572	Regulation	Transcription	histone phosphorylation	P	AT1G76540
19285	3	F23 vs. L23	L2-3 up	GO:0016572	Regulation	Transcription	histone phosphorylation	P	AT4G32830
19286	3	F23 vs. L23	L2-3 up	GO:0035174	Regulation	Transcription	histone serine kinase activity	F	AT4G32830
19287	3	F23 vs. L23	L2-3 up	GO:0043570	Regulation	Transcription	maintenance of DNA repeat elements	P	AT3G24495
19288	3	F23 vs. L23	L2-3 up	GO:0001193	Regulation	Transcription	maintenance of transcriptional fidelity during DNA-templated transcription elongation from RNA polymerase II promoter	P	AT4G16265
19289	3	F23 vs. L23	L2-3 up	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT1G14510
19290	3	F23 vs. L23	L2-3 up	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT3G24010
19291	3	F23 vs. L23	L2-3 up	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT5G26210
19292	3	F23 vs. L23	L2-3 up	GO:0048027	Regulation	Transcription	mRNA 5'-UTR binding	F	AT2G36160
19293	3	F23 vs. L23	L2-3 up	GO:0006378	Regulation	Transcription	mRNA polyadenylation	P	AT5G51660
19294	3	F23 vs. L23	L2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G03330
19295	3	F23 vs. L23	L2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G19120
19296	3	F23 vs. L23	L2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G43190
19297	3	F23 vs. L23	L2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G54080
19298	3	F23 vs. L23	L2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT5G60940
19299	3	F23 vs. L23	L2-3 up	GO:2000143	Regulation	Transcription	negative regulation of DNA-templated transcription, initiation	P	AT3G48510
19300	3	F23 vs. L23	L2-3 up	GO:0010629	Regulation	Transcription	negative regulation of gene expression	P	AT5G61380
19301	3	F23 vs. L23	L2-3 up	GO:0045814	Regulation	Transcription	negative regulation of gene expression, epigenetic	P	AT3G44530
19302	3	F23 vs. L23	L2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT2G19385
19303	3	F23 vs. L23	L2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT3G50870
19304	3	F23 vs. L23	L2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G64610
19305	3	F23 vs. L23	L2-3 up	GO:0035267	Regulation	Transcription	NuA4 histone acetyltransferase complex	C	AT1G26470
19306	3	F23 vs. L23	L2-3 up	GO:0071048	Regulation	Transcription	nuclear retention of unspliced pre-mRNA at the site of transcription	P	AT1G03140
19307	3	F23 vs. L23	L2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT2G42810
19308	3	F23 vs. L23	L2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT3G07590
19309	3	F23 vs. L23	L2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT5G61960
19310	3	F23 vs. L23	L2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT5G64200
19311	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G17690
19312	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G21690
19313	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G19385
19314	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G21060
19315	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G28740
19316	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G07590
19317	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G18130
19318	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G44530
19319	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G45980
19320	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G46210
19321	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G10970
19322	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G12080
19323	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G12600
19324	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G15770

19325	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G16265
19326	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G30220
19327	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G32830
19328	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G35020
19329	3	F23 vs. L23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G27670
19330	3	F23 vs. L23	L2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G03330
19331	3	F23 vs. L23	L2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G19120
19332	3	F23 vs. L23	L2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G43190
19333	3	F23 vs. L23	L2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G80780
19334	3	F23 vs. L23	L2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT2G32070
19335	3	F23 vs. L23	L2-3 up	GO:0070816	Regulation	Transcription	phosphorylation of RNA polymerase II C-terminal domain	P	AT1G18340
19336	3	F23 vs. L23	L2-3 up	GO:0032786	Regulation	Transcription	positive regulation of DNA-templated transcription, elongation	P	AT5G42920
19337	3	F23 vs. L23	L2-3 up	GO:0032786	Regulation	Transcription	positive regulation of DNA-templated transcription, elongation	P	AT5G63670
19338	3	F23 vs. L23	L2-3 up	GO:0010628	Regulation	Transcription	positive regulation of gene expression	P	AT4G13640
19339	3	F23 vs. L23	L2-3 up	GO:1900370	Regulation	Transcription	positive regulation of RNA interference	P	AT3G24340
19340	3	F23 vs. L23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G24260
19341	3	F23 vs. L23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT2G42830
19342	3	F23 vs. L23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G57390
19343	3	F23 vs. L23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G58780
19344	3	F23 vs. L23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT4G09960
19345	3	F23 vs. L23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G64610
19346	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G34190
19347	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G02080
19348	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G18160
19349	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G27230
19350	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G10500
19351	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G32910
19352	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G11510
19353	3	F23 vs. L23	L2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G17800
19354	3	F23 vs. L23	L2-3 up	GO:0035194	Regulation	Transcription	posttranscriptional gene silencing by RNA	P	AT3G07590
19355	3	F23 vs. L23	L2-3 up	GO:0070919	Regulation	Transcription	production of siRNA involved in chromatin silencing by small RNA	P	AT3G62800
19356	3	F23 vs. L23	L2-3 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT1G24450
19357	3	F23 vs. L23	L2-3 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT1G56310
19358	3	F23 vs. L23	L2-3 up	GO:0010267	Regulation	Transcription	production of ta-siRNAs involved in RNA interference	P	AT1G69440
19359	3	F23 vs. L23	L2-3 up	GO:0010267	Regulation	Transcription	production of ta-siRNAs involved in RNA interference	P	AT3G62800
19360	3	F23 vs. L23	L2-3 up	GO:0031935	Regulation	Transcription	regulation of chromatin silencing	P	AT3G44530
19361	3	F23 vs. L23	L2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT3G62050
19362	3	F23 vs. L23	L2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT5G61380
19363	3	F23 vs. L23	L2-3 up	GO:0006349	Regulation	Transcription	regulation of gene expression by genetic imprinting	P	AT5G51230
19364	3	F23 vs. L23	L2-3 up	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT1G26470
19365	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G05230
19366	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G10240
19367	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G14410
19368	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G14510

19369	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G19850
19370	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G43860
19371	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G71260
19372	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G75710
19373	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G01060
19374	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G25900
19375	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G27230
19376	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31840
19377	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G34620
19378	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G46920
19379	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G04670
19380	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G12130
19381	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G13000
19382	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21175
19383	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G50870
19384	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G04890
19385	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G09960
19386	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G12620
19387	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G21750
19388	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G36650
19389	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G09240
19390	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G11510
19391	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G17800
19392	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G26210
19393	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G44080
19394	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G51910
19395	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G61380
19396	3	F23 vs. L23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G66730
19397	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G03330
19398	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G18540
19399	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G19120
19400	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G34150
19401	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G36240
19402	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G63250
19403	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G69440
19404	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G72550
19405	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G80780
19406	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G03870
19407	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G23930
19408	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G25900
19409	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G32070
19410	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G07590
19411	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G12130
19412	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G13120
19413	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G57490
19414	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G10610
19415	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G12600
19416	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G15770
19417	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G02250
19418	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G12440
19419	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G51410
19420	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G51660
19421	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G61960
19422	3	F23 vs. L23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G64200
19423	3	F23 vs. L23	L2-3 up	GO:0001510	Regulation	Transcription	RNA methylation	P	AT4G17610
19424	3	F23 vs. L23	L2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT1G20230

19425	3	F23 vs. L23	L2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT5G09950
19426	3	F23 vs. L23	L2-3 up	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT2G15400
19427	3	F23 vs. L23	L2-3 up	GO:0000993	Regulation	Transcription	RNA polymerase II complex binding	F	AT5G63670
19428	3	F23 vs. L23	L2-3 up	GO:0001139	Regulation	Transcription	RNA polymerase II complex recruiting activity	F	AT4G36650
19429	3	F23 vs. L23	L2-3 up	GO:0000979	Regulation	Transcription	RNA polymerase II core promoter sequence-specific DNA binding	F	AT3G13445
19430	3	F23 vs. L23	L2-3 up	GO:0000979	Regulation	Transcription	RNA polymerase II core promoter sequence-specific DNA binding	F	AT4G36650
19431	3	F23 vs. L23	L2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G18340
19432	3	F23 vs. L23	L2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G20930
19433	3	F23 vs. L23	L2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G76540
19434	3	F23 vs. L23	L2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT2G38620
19435	3	F23 vs. L23	L2-3 up	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT3G13445
19436	3	F23 vs. L23	L2-3 up	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT5G17800
19437	3	F23 vs. L23	L2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G24260
19438	3	F23 vs. L23	L2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT2G42830
19439	3	F23 vs. L23	L2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G57390
19440	3	F23 vs. L23	L2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G58780
19441	3	F23 vs. L23	L2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT4G09960
19442	3	F23 vs. L23	L2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT2G15400
19443	3	F23 vs. L23	L2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT4G16265
19444	3	F23 vs. L23	L2-3 up	GO:0000418	Regulation	Transcription	RNA polymerase IV complex	C	AT2G15400
19445	3	F23 vs. L23	L2-3 up	GO:0000418	Regulation	Transcription	RNA polymerase IV complex	C	AT4G16265
19446	3	F23 vs. L23	L2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT2G15400
19447	3	F23 vs. L23	L2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT4G16265
19448	3	F23 vs. L23	L2-3 up	GO:0080188	Regulation	Transcription	RNA-directed DNA methylation	P	AT3G12550
19449	3	F23 vs. L23	L2-3 up	GO:0080188	Regulation	Transcription	RNA-directed DNA methylation	P	AT4G16265
19450	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G05230
19451	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G24260
19452	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G02080
19453	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G18160
19454	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G42830
19455	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G04670
19456	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G10500
19457	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G50870
19458	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G58780
19459	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G09960
19460	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G12080
19461	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G13640
19462	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G21750
19463	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G11510
19464	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G17800
19465	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G51910
19466	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G54930
19467	3	F23 vs. L23	L2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G61000

19468	3	F23 vs. L23	L2-3 up	GO:0000445	Regulation	Transcription	THO complex part of transcription export complex	C	AT5G42920
19469	3	F23 vs. L23	L2-3 up	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT3G13445
19470	3	F23 vs. L23	L2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT5G11510
19471	3	F23 vs. L23	L2-3 up	GO:0003714	Regulation	Transcription	transcription corepressor activity	F	AT3G44530
19472	3	F23 vs. L23	L2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G24260
19473	3	F23 vs. L23	L2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT2G42830
19474	3	F23 vs. L23	L2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G13445
19475	3	F23 vs. L23	L2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G58780
19476	3	F23 vs. L23	L2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT4G09960
19477	3	F23 vs. L23	L2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT4G36650
19478	3	F23 vs. L23	L2-3 up	GO:0005667	Regulation	Transcription	transcription factor complex	C	AT3G13445
19479	3	F23 vs. L23	L2-3 up	GO:0000439	Regulation	Transcription	transcription factor TFIIH core complex	C	AT1G18340
19480	3	F23 vs. L23	L2-3 up	GO:0005675	Regulation	Transcription	transcription factor TFIIH holo complex	C	AT1G18340
19481	3	F23 vs. L23	L2-3 up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT4G16265
19482	3	F23 vs. L23	L2-3 up	GO:0070897	Regulation	Transcription	transcription preinitiation complex assembly	P	AT4G36650
19483	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G14510
19484	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G19850
19485	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G24260
19486	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G34190
19487	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G43860
19488	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G75710
19489	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G18160
19490	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G42830
19491	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G10500
19492	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21175
19493	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G22780
19494	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G58780
19495	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G04890
19496	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G09960
19497	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G11510
19498	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G17800
19499	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G26210
19500	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G44080
19501	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G51230
19502	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G54930
19503	3	F23 vs. L23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G66730
19504	3	F23 vs. L23	L2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT3G44530
19505	3	F23 vs. L23	L2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT5G61380
19506	3	F23 vs. L23	L2-3 up	GO:0097550	Regulation	Transcription	transcriptional preinitiation complex	C	AT4G36650
19507	3	F23 vs. L23	L2-3 up	GO:0001174	Regulation	Transcription	transcriptional start site selection at RNA polymerase II promoter	P	AT4G36650
19508	3	F23 vs. L23	L2-3 up	GO:0006283	Regulation	Transcription	transcription-coupled nucleotide-excision repair	P	AT4G16265
19509	3	F23 vs. L23	L2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G04170
19510	3	F23 vs. L23	L2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G30690
19511	3	F23 vs. L23	L2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G06000
19512	3	F23 vs. L23	L2-3 up	GO:0004844	Regulation	Transcription	uracil DNA N-glycosylase activity	F	AT3G18630
19513	3	F23 vs. L23	L2-3 up	GO:0060145	Regulation	Transcription	viral gene silencing in virus induced gene silencing	P	AT1G69440
19514	3	F23 vs. L23	L2-3 up	GO:0060145	Regulation	Transcription	viral gene silencing in virus induced gene silencing	P	AT3G62800
19515	3	F23 vs. L23	L2-3 up	GO:0000380	Regulation	Translation	alternative mRNA splicing, via spliceosome	P	AT1G03140
19516	3	F23 vs. L23	L2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT1G03330
19517	3	F23 vs. L23	L2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G03870
19518	3	F23 vs. L23	L2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G23930
19519	3	F23 vs. L23	L2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT3G07590
19520	3	F23 vs. L23	L2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT5G64270
19521	3	F23 vs. L23	L2-3 up	GO:0030014	Regulation	Translation	CCR4-NOT complex	C	AT5G18420

19522	3	F23 vs. L23	L2-3 up	GO:0030015	Regulation	Translation	CCR4-NOT core complex	C	AT1G80780
19523	3	F23 vs. L23	L2-3 up	GO:0030015	Regulation	Translation	CCR4-NOT core complex	C	AT2G32070
19524	3	F23 vs. L23	L2-3 up	GO:0000177	Regulation	Translation	cytoplasmic exosome (RNase complex)	C	AT3G46210
19525	3	F23 vs. L23	L2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G07070
19526	3	F23 vs. L23	L2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G18540
19527	3	F23 vs. L23	L2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT3G04770
19528	3	F23 vs. L23	L2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT4G39520
19529	3	F23 vs. L23	L2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT5G01230
19530	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G07070
19531	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G15250
19532	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G18540
19533	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G36240
19534	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G52300
19535	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G69620
19536	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G13580
19537	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G16780
19538	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G53430
19539	3	F23 vs. L23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G48760
19540	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G18540
19541	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G52300
19542	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G36160
19543	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G04770
19544	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G13580
19545	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G48930
19546	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G53890
19547	3	F23 vs. L23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G48760
19548	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G36160
19549	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G04770
19550	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G18130
19551	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G48930
19552	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G53890
19553	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G57490
19554	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G24490
19555	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G39850
19556	3	F23 vs. L23	L2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	ATCG00770
19557	3	F23 vs. L23	L2-3 up	GO:0000290	Regulation	Translation	deadenylation-dependent decapping of nuclear-transcribed mRNA	P	AT1G19120
19558	3	F23 vs. L23	L2-3 up	GO:0003725	Regulation	Translation	double-stranded RNA binding	F	AT1G24450
19559	3	F23 vs. L23	L2-3 up	GO:0003725	Regulation	Translation	double-stranded RNA binding	F	AT3G62800
19560	3	F23 vs. L23	L2-3 up	GO:0000447	Regulation	Translation	endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G53890
19561	3	F23 vs. L23	L2-3 up	GO:0000461	Regulation	Translation	endonucleolytic cleavage to generate mature 3'-end of SSU-rRNA from (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G53890
19562	3	F23 vs. L23	L2-3 up	GO:0005850	Regulation	Translation	eukaryotic translation initiation factor 2 complex	C	AT1G04170
19563	3	F23 vs. L23	L2-3 up	GO:0005852	Regulation	Translation	eukaryotic translation initiation factor 3 complex	C	AT5G06000
19564	3	F23 vs. L23	L2-3 up	GO:0001731	Regulation	Translation	formation of translation preinitiation complex	P	AT1G04170
19565	3	F23 vs. L23	L2-3 up	GO:0000350	Regulation	Translation	generation of catalytic spliceosome for second transesterification step	P	AT1G03140
19566	3	F23 vs. L23	L2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT1G69620
19567	3	F23 vs. L23	L2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT3G53430
19568	3	F23 vs. L23	L2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT3G53430
19569	3	F23 vs. L23	L2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT5G46160
19570	3	F23 vs. L23	L2-3 up	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT1G03330

19571	3	F23 vs. L23	L2-3 up	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT1G19120
19572	3	F23 vs. L23	L2-3 up	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT2G03870
19573	3	F23 vs. L23	L2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G13580
19574	3	F23 vs. L23	L2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT1G17690
19575	3	F23 vs. L23	L2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G36160
19576	3	F23 vs. L23	L2-3 up	GO:0042256	Regulation	Translation	mature ribosome assembly	P	AT1G43860
19577	3	F23 vs. L23	L2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT3G01740
19578	3	F23 vs. L23	L2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT5G46160
19579	3	F23 vs. L23	L2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT5G64670
19580	3	F23 vs. L23	L2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	ATCG00790
19581	3	F23 vs. L23	L2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	ATCG00830
19582	3	F23 vs. L23	L2-3 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	ATCG00790
19583	3	F23 vs. L23	L2-3 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	ATCG00830
19584	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G14410
19585	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G15250
19586	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G43190
19587	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G49600
19588	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G54080
19589	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G69620
19590	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G71260
19591	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G13540
19592	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G21060
19593	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G23930
19594	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G47850
19595	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G13580
19596	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G14010
19597	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G16780
19598	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G48930
19599	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G42920
19600	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G48760
19601	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G51410
19602	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G61960
19603	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G64200
19604	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G64270
19605	3	F23 vs. L23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	ATCG00830
19606	3	F23 vs. L23	L2-3 up	GO:0005845	Regulation	Translation	mRNA cap binding complex	C	AT2G13540
19607	3	F23 vs. L23	L2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT2G13540
19608	3	F23 vs. L23	L2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT5G61960
19609	3	F23 vs. L23	L2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT5G64200
19610	3	F23 vs. L23	L2-3 up	GO:0006379	Regulation	Translation	mRNA cleavage	P	AT4G16265
19611	3	F23 vs. L23	L2-3 up	GO:0005848	Regulation	Translation	mRNA cleavage stimulating factor complex	C	AT5G60940
19612	3	F23 vs. L23	L2-3 up	GO:0006406	Regulation	Translation	mRNA export from nucleus	P	AT4G10970
19613	3	F23 vs. L23	L2-3 up	GO:0006406	Regulation	Translation	mRNA export from nucleus	P	AT4G32910
19614	3	F23 vs. L23	L2-3 up	GO:0006406	Regulation	Translation	mRNA export from nucleus	P	AT5G42920
19615	3	F23 vs. L23	L2-3 up	GO:1990481	Regulation	Translation	mRNA pseudouridine synthesis	P	AT1G34150
19616	3	F23 vs. L23	L2-3 up	GO:0006376	Regulation	Translation	mRNA splice site selection	P	AT5G51410
19617	3	F23 vs. L23	L2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT2G03870
19618	3	F23 vs. L23	L2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT5G64200
19619	3	F23 vs. L23	L2-3 up	GO:0051028	Regulation	Translation	mRNA transport	P	AT2G13540
19620	3	F23 vs. L23	L2-3 up	GO:0051028	Regulation	Translation	mRNA transport	P	AT3G56900
19621	3	F23 vs. L23	L2-3 up	GO:0045900	Regulation	Translation	negative regulation of translational elongation	P	AT5G24490
19622	3	F23 vs. L23	L2-3 up	GO:0071028	Regulation	Translation	nuclear mRNA surveillance	P	AT3G46210
19623	3	F23 vs. L23	L2-3 up	GO:0000956	Regulation	Translation	nuclear-transcribed mRNA catabolic process	P	AT2G03870

19624	3	F23 vs. L23	L2-3 up	GO:0034427	Regulation	Translation	nuclear-transcribed mRNA catabolic process, exonucleolytic, 3'-5'	P	AT3G46210
19625	3	F23 vs. L23	L2-3 up	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT2G13540
19626	3	F23 vs. L23	L2-3 up	GO:0004826	Regulation	Translation	phenylalanine-tRNA ligase activity	F	AT1G72550
19627	3	F23 vs. L23	L2-3 up	GO:0009328	Regulation	Translation	phenylalanine-tRNA ligase complex	C	AT1G72550
19628	3	F23 vs. L23	L2-3 up	GO:0006432	Regulation	Translation	phenylalanyl-tRNA aminoacylation	P	AT1G72550
19629	3	F23 vs. L23	L2-3 up	GO:0034715	Regulation	Translation	pICln-Sm protein complex	C	AT3G07590
19630	3	F23 vs. L23	L2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT1G80780
19631	3	F23 vs. L23	L2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT2G32070
19632	3	F23 vs. L23	L2-3 up	GO:0071051	Regulation	Translation	polyadenylation-dependent snoRNA 3'-end processing	P	AT3G46210
19633	3	F23 vs. L23	L2-3 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT1G04170
19634	3	F23 vs. L23	L2-3 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT5G39850
19635	3	F23 vs. L23	L2-3 up	GO:0016441	Regulation	Translation	posttranscriptional gene silencing	P	AT4G29830
19636	3	F23 vs. L23	L2-3 up	GO:0031054	Regulation	Translation	pre-miRNA processing	P	AT1G24450
19637	3	F23 vs. L23	L2-3 up	GO:0030687	Regulation	Translation	preribosome, large subunit precursor	C	AT4G15770
19638	3	F23 vs. L23	L2-3 up	GO:0031053	Regulation	Translation	primary miRNA processing	P	AT1G24450
19639	3	F23 vs. L23	L2-3 up	GO:0031053	Regulation	Translation	primary miRNA processing	P	AT2G13540
19640	3	F23 vs. L23	L2-3 up	GO:0010599	Regulation	Translation	production of lsiRNA involved in RNA interference	P	AT1G69440
19641	3	F23 vs. L23	L2-3 up	GO:0035196	Regulation	Translation	production of miRNAs involved in gene silencing by miRNA	P	AT3G62800
19642	3	F23 vs. L23	L2-3 up	GO:0000182	Regulation	Translation	rDNA binding	F	AT4G36650
19643	3	F23 vs. L23	L2-3 up	GO:0030875	Regulation	Translation	rDNA protrusion	C	AT3G44530
19644	3	F23 vs. L23	L2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT5G61960
19645	3	F23 vs. L23	L2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT5G64200
19646	3	F23 vs. L23	L2-3 up	GO:0010603	Regulation	Translation	regulation of cytoplasmic mRNA processing body assembly	P	AT3G14010
19647	3	F23 vs. L23	L2-3 up	GO:0043484	Regulation	Translation	regulation of RNA splicing	P	AT1G43190
19648	3	F23 vs. L23	L2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G43190
19649	3	F23 vs. L23	L2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G69440
19650	3	F23 vs. L23	L2-3 up	GO:0072344	Regulation	Translation	rescue of stalled ribosome	P	AT3G18130
19651	3	F23 vs. L23	L2-3 up	GO:0004525	Regulation	Translation	ribonuclease III activity	F	AT1G24450
19652	3	F23 vs. L23	L2-3 up	GO:0004748	Regulation	Translation	ribonucleoside-diphosphate reductase activity, thioredoxin disulfide as acceptor	F	AT3G27060
19653	3	F23 vs. L23	L2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT1G16740
19654	3	F23 vs. L23	L2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT1G18540
19655	3	F23 vs. L23	L2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT3G53430
19656	3	F23 vs. L23	L2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT1G07070
19657	3	F23 vs. L23	L2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT4G15770
19658	3	F23 vs. L23	L2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT2G36160
19659	3	F23 vs. L23	L2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G04770
19660	3	F23 vs. L23	L2-3 up	GO:0043024	Regulation	Translation	ribosomal small subunit binding	F	AT5G24490
19661	3	F23 vs. L23	L2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G16740
19662	3	F23 vs. L23	L2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G13120
19663	3	F23 vs. L23	L2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G46210
19664	3	F23 vs. L23	L2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT4G12600
19665	3	F23 vs. L23	L2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G15220
19666	3	F23 vs. L23	L2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G48760
19667	3	F23 vs. L23	L2-3 up	GO:0042255	Regulation	translation	ribosome assembly	P	AT4G15770
19668	3	F23 vs. L23	L2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT3G18130
19669	3	F23 vs. L23	L2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT4G30690
19670	3	F23 vs. L23	L2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT5G24490
19671	3	F23 vs. L23	L2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT1G69620

19672	3	F23 vs. L23	L2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT4G12600
19673	3	F23 vs. L23	L2-3 up	GO:0032790	Regulation	Translation	ribosome disassembly	P	AT4G30690
19674	3	F23 vs. L23	L2-3 up	GO:0000339	Regulation	Translation	RNA cap binding	F	AT1G19120
19675	3	F23 vs. L23	L2-3 up	GO:0000339	Regulation	Translation	RNA cap binding	F	AT2G13540
19676	3	F23 vs. L23	L2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT1G63250
19677	3	F23 vs. L23	L2-3 up	GO:0006396	Regulation	Translation	RNA processing	P	AT1G24450
19678	3	F23 vs. L23	L2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT1G03330
19679	3	F23 vs. L23	L2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT1G43190
19680	3	F23 vs. L23	L2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT5G64200
19681	3	F23 vs. L23	L2-3 up	GO:0000394	Regulation	Translation	RNA splicing, via endonucleolytic cleavage and ligation	P	AT2G13540
19682	3	F23 vs. L23	L2-3 up	GO:0043489	Regulation	Translation	RNA stabilization	P	AT4G31850
19683	3	F23 vs. L23	L2-3 up	GO:0070042	Regulation	Translation	rRNA (uridine-N3-)-methyltransferase activity	F	AT1G50000
19684	3	F23 vs. L23	L2-3 up	GO:0070475	Regulation	Translation	rRNA base methylation	P	AT1G50000
19685	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G15250
19686	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G16740
19687	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G17690
19688	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G52300
19689	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G48930
19690	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G53430
19691	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G39850
19692	3	F23 vs. L23	L2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00790
19693	3	F23 vs. L23	L2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT2G19385
19694	3	F23 vs. L23	L2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G46210
19695	3	F23 vs. L23	L2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT5G02250
19696	3	F23 vs. L23	L2-3 up	GO:0000386	Regulation	Translation	second spliceosomal transesterification activity	F	AT1G03140
19697	3	F23 vs. L23	L2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT2G25900
19698	3	F23 vs. L23	L2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT4G10970
19699	3	F23 vs. L23	L2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT5G63670
19700	3	F23 vs. L23	L2-3 up	GO:0005732	Regulation	Translation	small nucleolar ribonucleoprotein complex	C	AT4G30220
19701	3	F23 vs. L23	L2-3 up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT2G36160
19702	3	F23 vs. L23	L2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT1G17690
19703	3	F23 vs. L23	L2-3 up	GO:0034719	Regulation	Translation	SMN-Sm protein complex	C	AT2G23930
19704	3	F23 vs. L23	L2-3 up	GO:0034719	Regulation	Translation	SMN-Sm protein complex	C	AT3G07590
19705	3	F23 vs. L23	L2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT5G64200
19706	3	F23 vs. L23	L2-3 up	GO:0000245	Regulation	Translation	spliceosomal complex assembly	P	AT5G64270
19707	3	F23 vs. L23	L2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT2G23930
19708	3	F23 vs. L23	L2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT3G07590
19709	3	F23 vs. L23	L2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT4G30220
19710	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G07070
19711	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G16740
19712	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G18540
19713	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G36240
19714	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G52300
19715	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G36160
19716	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G01740
19717	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G04770
19718	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G13120
19719	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G13580
19720	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G16780
19721	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G48930
19722	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53430
19723	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53890
19724	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G57490
19725	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G15220
19726	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G39850

19727	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G46160
19728	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G48760
19729	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G64670
19730	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00770
19731	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00790
19732	3	F23 vs. L23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00830
19733	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G15250
19734	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G16740
19735	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G52300
19736	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G69620
19737	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G36160
19738	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G04770
19739	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G13120
19740	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G16780
19741	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G48930
19742	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G53430
19743	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G53890
19744	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G57490
19745	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G31850
19746	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G15220
19747	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G39850
19748	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G46160
19749	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G48760
19750	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G64670
19751	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00770
19752	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00790
19753	3	F23 vs. L23	L2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00830
19754	3	F23 vs. L23	L2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT4G30690
19755	3	F23 vs. L23	L2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT5G06000
19756	3	F23 vs. L23	L2-3 up	GO:0016423	Regulation	Translation	tRNA (guanine) methyltransferase activity	F	AT4G17610
19757	3	F23 vs. L23	L2-3 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT1G04170
19758	3	F23 vs. L23	L2-3 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT4G35910
19759	3	F23 vs. L23	L2-3 up	GO:0017150	Regulation	Translation	tRNA dihydrouridine synthase activity	F	AT3G49640
19760	3	F23 vs. L23	L2-3 up	GO:0017150	Regulation	Translation	tRNA dihydrouridine synthase activity	F	AT4G38890
19761	3	F23 vs. L23	L2-3 up	GO:0030488	Regulation	Translation	tRNA methylation	P	AT4G17610
19762	3	F23 vs. L23	L2-3 up	GO:0030488	Regulation	Translation	tRNA methylation	P	AT5G01230
19763	3	F23 vs. L23	L2-3 up	GO:0008175	Regulation	Translation	tRNA methyltransferase activity	F	AT5G01230
19764	3	F23 vs. L23	L2-3 up	GO:0106029	Regulation	Translation	tRNA pseudouridine synthase activity	F	AT1G34150
19765	3	F23 vs. L23	L2-3 up	GO:0031119	Regulation	Translation	tRNA pseudouridine synthesis	P	AT1G34150
19766	3	F23 vs. L23	L2-3 up	GO:0034227	Regulation	Translation	tRNA thio-modification	P	AT4G35910
19767	3	F23 vs. L23	L2-3 up	GO:0002143	Regulation	Translation	tRNA wobble position uridine thiolation	P	AT4G35910
19768	3	F23 vs. L23	L2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT2G23930
19769	3	F23 vs. L23	L2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT3G07590
19770	3	F23 vs. L23	L2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT5G51410
19771	3	F23 vs. L23	L2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G03870
19772	3	F23 vs. L23	L2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G23930
19773	3	F23 vs. L23	L2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT3G07590
19774	3	F23 vs. L23	L2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT5G64270
19775	3	F23 vs. L23	L2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT2G23930
19776	3	F23 vs. L23	L2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT3G07590
19777	3	F23 vs. L23	L2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT5G64270
19778	3	F23 vs. L23	L2-3 up	GO:0071021	Regulation	Translation	U2-type post-spliceosomal complex	C	AT1G03140
19779	3	F23 vs. L23	L2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G03870
19780	3	F23 vs. L23	L2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G23930
19781	3	F23 vs. L23	L2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT5G51410
19782	3	F23 vs. L23	L2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT5G64270

19783	3	F23 vs. L23	L2-3 up	GO:0034511	Regulation	Translation	U3 snoRNA binding	F	AT1G17690
19784	3	F23 vs. L23	L2-3 up	GO:0034475	Regulation	Translation	U4 snRNA 3'-end processing	P	AT3G46210
19785	3	F23 vs. L23	L2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT2G23930
19786	3	F23 vs. L23	L2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT3G07590
19787	3	F23 vs. L23	L2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT1G03140
19788	3	F23 vs. L23	L2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT1G03330
19789	3	F23 vs. L23	L2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT1G03140
19790	3	F23 vs. L23	L2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT2G23930
19791	3	F23 vs. L23	L2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT3G07590
19792	3	F23 vs. L23	L2-3 up	GO:0005688	Regulation	Translation	U6 snRNP	C	AT1G03330
19793	3	F23 vs. L23	L2-3 up	GO:0005688	Regulation	Translation	U6 snRNP	C	AT2G03870
19794	3	F23 vs. L23	L2-3 up	GO:0004430	Signaling and response	Signaling	1-phosphatidylinositol 4-kinase activity	F	AT1G26270
19795	3	F23 vs. L23	L2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT5G56580
19796	3	F23 vs. L23	L2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G19850
19797	3	F23 vs. L23	L2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G26610
19798	3	F23 vs. L23	L2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G35020
19799	3	F23 vs. L23	L2-3 up	GO:0010540	Signaling and response	Signaling	basipetal auxin transport	P	AT4G26610
19800	3	F23 vs. L23	L2-3 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT3G50660
19801	3	F23 vs. L23	L2-3 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT5G38970
19802	3	F23 vs. L23	L2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT3G54030
19803	3	F23 vs. L23	L2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G39400
19804	3	F23 vs. L23	L2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT5G17800
19805	3	F23 vs. L23	L2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT5G59010
19806	3	F23 vs. L23	L2-3 up	GO:0016131	Signaling and response	Signaling	brassinosteroid metabolic process	P	AT2G26710
19807	3	F23 vs. L23	L2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G25970
19808	3	F23 vs. L23	L2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G23580
19809	3	F23 vs. L23	L2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G65020
19810	3	F23 vs. L23	L2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT5G23580
19811	3	F23 vs. L23	L2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G04670
19812	3	F23 vs. L23	L2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT4G10640
19813	3	F23 vs. L23	L2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT4G33200
19814	3	F23 vs. L23	L2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G23580
19815	3	F23 vs. L23	L2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G53130
19816	3	F23 vs. L23	L2-3 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT5G23580
19817	3	F23 vs. L23	L2-3 up	GO:0071318	Signaling and response	Signaling	cellular response to ATP	P	AT5G60300
19818	3	F23 vs. L23	L2-3 up	GO:0071367	Signaling and response	Signaling	cellular response to brassinosteroid stimulus	P	AT5G17800
19819	3	F23 vs. L23	L2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT3G08550
19820	3	F23 vs. L23	L2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G20810
19821	3	F23 vs. L23	L2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT5G61380
19822	3	F23 vs. L23	L2-3 up	GO:0010031	Signaling and response	Signaling	circumnutation	P	AT5G61380
19823	3	F23 vs. L23	L2-3 up	GO:0008180	Signaling and response	Signaling	COP9 signalosome	C	AT4G14110
19824	3	F23 vs. L23	L2-3 up	GO:0010387	Signaling and response	Signaling	COP9 signalosome assembly	P	AT4G14110
19825	3	F23 vs. L23	L2-3 up	GO:0009729	Signaling and response	Signaling	detection of brassinosteroid stimulus	P	AT4G39400
19826	3	F23 vs. L23	L2-3 up	GO:0106167	Signaling and response	Signaling	extracellular ATP signaling	P	AT5G60300
19827	3	F23 vs. L23	L2-3 up	GO:0007186	Signaling and response	Signaling	G protein-coupled receptor signaling pathway	P	AT3G05010
19828	3	F23 vs. L23	L2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT5G14920
19829	3	F23 vs. L23	L2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT5G66730
19830	3	F23 vs. L23	L2-3 up	GO:0102118	Signaling and response	Signaling	gibberellin A4 carboxyl methyltransferase activity	F	AT5G56300
19831	3	F23 vs. L23	L2-3 up	GO:0010331	Signaling and response	Signaling	gibberellin binding	F	AT3G63010
19832	3	F23 vs. L23	L2-3 up	GO:0010341	Signaling and response	Signaling	gibberellin carboxyl-O-methyltransferase activity	F	AT5G56300
19833	3	F23 vs. L23	L2-3 up	GO:0010476	Signaling and response	Signaling	gibberellin mediated signaling pathway	P	AT3G63010
19834	3	F23 vs. L23	L2-3 up	GO:0009755	Signaling and response	Signaling	hormone-mediated signaling pathway	P	AT1G20930
19835	3	F23 vs. L23	L2-3 up	GO:0009755	Signaling and response	Signaling	hormone-mediated signaling pathway	P	AT1G76540
19836	3	F23 vs. L23	L2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT5G23580
19837	3	F23 vs. L23	L2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G79380

19838	3	F23 vs. L23	L2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G50660
19839	3	F23 vs. L23	L2-3 up	GO:0009694	Signaling and response	Signaling	jasmonic acid metabolic process	P	AT4G09900
19840	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G12330
19841	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G25320
19842	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G26610
19843	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G36180
19844	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G39400
19845	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G03140
19846	3	F23 vs. L23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G60300
19847	3	F23 vs. L23	L2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT5G47060
19848	3	F23 vs. L23	L2-3 up	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT2G13540
19849	3	F23 vs. L23	L2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT2G46920
19850	3	F23 vs. L23	L2-3 up	GO:0004708	Signaling and response	Signaling	MAP kinase kinase activity	F	AT5G56580
19851	3	F23 vs. L23	L2-3 up	GO:0005078	Signaling and response	Signaling	MAP-kinase scaffold activity	F	AT3G18130
19852	3	F23 vs. L23	L2-3 up	GO:0080030	Signaling and response	Signaling	methyl indole-3-acetate esterase activity	F	AT4G09900
19853	3	F23 vs. L23	L2-3 up	GO:0080032	Signaling and response	Signaling	methyl jasmonate esterase activity	F	AT4G09900
19854	3	F23 vs. L23	L2-3 up	GO:0080031	Signaling and response	Signaling	methyl salicylate esterase activity	F	AT4G09900
19855	3	F23 vs. L23	L2-3 up	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT1G34190
19856	3	F23 vs. L23	L2-3 up	GO:0051019	Signaling and response	Signaling	mitogen-activated protein kinase binding	F	AT5G56580
19857	3	F23 vs. L23	L2-3 up	GO:0031435	Signaling and response	Signaling	mitogen-activated protein kinase kinase kinase binding	F	AT5G56580
19858	3	F23 vs. L23	L2-3 up	GO:0048579	Signaling and response	Signaling	negative regulation of long-day photoperiodism, flowering	P	AT5G17800
19859	3	F23 vs. L23	L2-3 up	GO:0048577	Signaling and response	Signaling	negative regulation of short-day photoperiodism, flowering	P	AT3G57390
19860	3	F23 vs. L23	L2-3 up	GO:0004550	Signaling and response	Signaling	nucleoside diphosphate kinase activity	F	AT1G17410
19861	3	F23 vs. L23	L2-3 up	GO:0002221	Signaling and response	Signaling	pattern recognition receptor signaling pathway	P	AT2G02080
19862	3	F23 vs. L23	L2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT5G14640
19863	3	F23 vs. L23	L2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT5G23580
19864	3	F23 vs. L23	L2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT5G14640
19865	3	F23 vs. L23	L2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT1G06520
19866	3	F23 vs. L23	L2-3 up	GO:0019902	Signaling and response	Signaling	phosphatase binding	F	AT5G47060
19867	3	F23 vs. L23	L2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT2G42810
19868	3	F23 vs. L23	L2-3 up	GO:0000156	Signaling and response	Signaling	phosphorelay response regulator activity	F	AT5G61380
19869	3	F23 vs. L23	L2-3 up	GO:0000160	Signaling and response	Signaling	phosphorelay signal transduction system	P	AT5G61380
19870	3	F23 vs. L23	L2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT4G14110
19871	3	F23 vs. L23	L2-3 up	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT4G02440
19872	3	F23 vs. L23	L2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT4G26610
19873	3	F23 vs. L23	L2-3 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT4G35020
19874	3	F23 vs. L23	L2-3 up	GO:0009939	Signaling and response	Signaling	positive regulation of gibberellic acid mediated signaling pathway	P	AT3G63010
19875	3	F23 vs. L23	L2-3 up	GO:0001934	Signaling and response	Signaling	positive regulation of protein phosphorylation	P	AT3G18130
19876	3	F23 vs. L23	L2-3 up	GO:0009967	Signaling and response	Signaling	positive regulation of signal transduction	P	AT3G18130
19877	3	F23 vs. L23	L2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G20930
19878	3	F23 vs. L23	L2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G14640
19879	3	F23 vs. L23	L2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G23580
19880	3	F23 vs. L23	L2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G42810
19881	3	F23 vs. L23	L2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G46920
19882	3	F23 vs. L23	L2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT4G18593
19883	3	F23 vs. L23	L2-3 up	GO:0004660	Signaling and response	Signaling	protein farnesyltransferase activity	F	AT3G59380
19884	3	F23 vs. L23	L2-3 up	GO:0005965	Signaling and response	Signaling	protein farnesyltransferase complex	C	AT3G59380
19885	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT1G25320
19886	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G50070
19887	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G26610
19888	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G35620

19889	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G37490
19890	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G39400
19891	3	F23 vs. L23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G67200
19892	3	F23 vs. L23	L2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G27970
19893	3	F23 vs. L23	L2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G31270
19894	3	F23 vs. L23	L2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT3G50070
19895	3	F23 vs. L23	L2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G35020
19896	3	F23 vs. L23	L2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G35620
19897	3	F23 vs. L23	L2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G37490
19898	3	F23 vs. L23	L2-3 up	GO:0005080	Signaling and response	Signaling	protein kinase C binding	F	AT3G18130
19899	3	F23 vs. L23	L2-3 up	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT5G16050
19900	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G20650
19901	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G20930
19902	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G25320
19903	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G76540
19904	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G01820
19905	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G05940
19906	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G38620
19907	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G45590
19908	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G46920
19909	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G54030
19910	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G62220
19911	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G26610
19912	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G36180
19913	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G03140
19914	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G11020
19915	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G13290
19916	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G15080
19917	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G59010
19918	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G60300
19919	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G66710
19920	3	F23 vs. L23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G67200
19921	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G07570
19922	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G20930
19923	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G05940
19924	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G38620
19925	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G45590
19926	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G54030
19927	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G26610
19928	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G32830
19929	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G36180
19930	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G39400
19931	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G14640
19932	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G15080
19933	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G56580
19934	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G59010
19935	3	F23 vs. L23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G60300
19936	3	F23 vs. L23	L2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G42810
19937	3	F23 vs. L23	L2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G46920
19938	3	F23 vs. L23	L2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT3G46920
19939	3	F23 vs. L23	L2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT5G66710
19940	3	F23 vs. L23	L2-3 up	GO:0004713	Signaling and response	Signaling	protein tyrosine kinase activity	F	AT1G07570
19941	3	F23 vs. L23	L2-3 up	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT4G18593
19942	3	F23 vs. L23	L2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT1G16920
19943	3	F23 vs. L23	L2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT5G45750

19944	3	F23 vs. L23	L2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT5G47960
19945	3	F23 vs. L23	L2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT5G13290
19946	3	F23 vs. L23	L2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G42810
19947	3	F23 vs. L23	L2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G02440
19948	3	F23 vs. L23	L2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G14110
19949	3	F23 vs. L23	L2-3 up	GO:0010928	Signaling and response	Signaling	regulation of auxin mediated signaling pathway	P	AT4G35020
19950	3	F23 vs. L23	L2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT1G19330
19951	3	F23 vs. L23	L2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT3G20810
19952	3	F23 vs. L23	L2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT3G50070
19953	3	F23 vs. L23	L2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT4G35620
19954	3	F23 vs. L23	L2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT4G37490
19955	3	F23 vs. L23	L2-3 up	GO:0009937	Signaling and response	Signaling	regulation of gibberellic acid mediated signaling pathway	P	AT5G66730
19956	3	F23 vs. L23	L2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G60300
19957	3	F23 vs. L23	L2-3 up	GO:0010099	Signaling and response	Signaling	regulation of photomorphogenesis	P	AT4G02440
19958	3	F23 vs. L23	L2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT3G12130
19959	3	F23 vs. L23	L2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT5G64610
19960	3	F23 vs. L23	L2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT5G66730
19961	3	F23 vs. L23	L2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G19850
19962	3	F23 vs. L23	L2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G75580
19963	3	F23 vs. L23	L2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT2G26710
19964	3	F23 vs. L23	L2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT3G50660
19965	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G13930
19966	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G29150
19967	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G36530
19968	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G42810
19969	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12500
19970	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12670
19971	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G16050
19972	3	F23 vs. L23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G20830
19973	3	F23 vs. L23	L2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G33940
19974	3	F23 vs. L23	L2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT3G63010
19975	3	F23 vs. L23	L2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G14920
19976	3	F23 vs. L23	L2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT2G28900
19977	3	F23 vs. L23	L2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT3G08550
19978	3	F23 vs. L23	L2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G20830
19979	3	F23 vs. L23	L2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G47060
19980	3	F23 vs. L23	L2-3 up	GO:0009725	Signaling and response	Signaling	response to hormone	P	AT2G24150
19981	3	F23 vs. L23	L2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G74020
19982	3	F23 vs. L23	L2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G28900
19983	3	F23 vs. L23	L2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G50660
19984	3	F23 vs. L23	L2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G14110
19985	3	F23 vs. L23	L2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G06520
19986	3	F23 vs. L23	L2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G11600
19987	3	F23 vs. L23	L2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G21090
19988	3	F23 vs. L23	L2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G51550
19989	3	F23 vs. L23	L2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G64410
19990	3	F23 vs. L23	L2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G26710
19991	3	F23 vs. L23	L2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G36530
19992	3	F23 vs. L23	L2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G08550
19993	3	F23 vs. L23	L2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G14110
19994	3	F23 vs. L23	L2-3 up	GO:0010555	Signaling and response	Signaling	response to mannitol	P	AT5G20830

19995	3	F23 vs. L23	L2-3 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G47060
19996	3	F23 vs. L23	L2-3 up	GO:0019236	Signaling and response	Signaling	response to pheromone	P	AT3G05010
19997	3	F23 vs. L23	L2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G11510
19998	3	F23 vs. L23	L2-3 up	GO:0072708	Signaling and response	Signaling	response to sorbitol	P	AT5G20830
19999	3	F23 vs. L23	L2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT2G24150
20000	3	F23 vs. L23	L2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT2G28900
20001	3	F23 vs. L23	L2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20830
20002	3	F23 vs. L23	L2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G47060
20003	3	F23 vs. L23	L2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT5G18070
20004	3	F23 vs. L23	L2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT1G21750
20005	3	F23 vs. L23	L2-3 up	GO:0042147	Signaling and response	Signaling	retrograde transport, endosome to Golgi	P	AT1G48240
20006	3	F23 vs. L23	L2-3 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT4G35020
20007	3	F23 vs. L23	L2-3 up	GO:0009696	Signaling and response	Signaling	salicylic acid metabolic process	P	AT4G09900
20008	3	F23 vs. L23	L2-3 up	GO:0005047	Signaling and response	Signaling	signal recognition particle binding	F	AT5G05670
20009	3	F23 vs. L23	L2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G13230
20010	3	F23 vs. L23	L2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G15410
20011	3	F23 vs. L23	L2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G18130
20012	3	F23 vs. L23	L2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G25670
20013	3	F23 vs. L23	L2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G14640
20014	3	F23 vs. L23	L2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT5G56580
20015	3	F23 vs. L23	L2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G24150
20016	3	F23 vs. L23	L2-3 up	GO:0005102	Signaling and response	Signaling	signaling receptor binding	F	AT5G13290
20017	3	F23 vs. L23	L2-3 up	GO:0010012	Signaling and response	Signaling	steroid 22-alpha hydroxylase activity	F	AT3G50660
20018	3	F23 vs. L23	L2-3 up	GO:0005496	Signaling and response	Signaling	steroid binding	F	AT4G39400
20019	3	F23 vs. L23	L2-3 up	GO:0008395	Signaling and response	Signaling	steroid hydroxylase activity	F	AT2G26710
20020	3	F23 vs. L23	L2-3 up	GO:0032934	Signaling and response	Signaling	sterol binding	F	AT3G09300
20021	3	F23 vs. L23	L2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT2G22830
20022	3	F23 vs. L23	L2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT3G52940
20023	3	F23 vs. L23	L2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT3G50660
20024	3	F23 vs. L23	L2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT5G38970
20025	3	F23 vs. L23	L2-3 up	GO:0044403	Signaling and response	Signaling	symbiotic process	P	AT1G13230
20026	3	F23 vs. L23	L2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT4G39400
20027	3	F23 vs. L23	L2-3 up	GO:0010050	Signaling and response	Signaling	vegetative phase change	P	AT1G69440
20028	3	F23 vs. L23	L2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT3G58100
20029	3	F23 vs. L23	L2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G62810
20030	3	F23 vs. L23	L2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G08550
20031	3	F23 vs. L23	L2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G23580
20032	3	F23 vs. L23	L2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G47710
20033	3	F23 vs. L23	L2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT2G26710
20034	3	F23 vs. L23	L2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT3G50660
20035	3	F23 vs. L23	L2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT4G39400
20036	3	F23 vs. L23	L2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT5G38970
20037	3	F23 vs. L23	L2-3 up	GO:0080120	Signaling and response	Stress	CAAX-box protein maturation	P	AT4G01320
20038	3	F23 vs. L23	L2-3 up	GO:0071586	Signaling and response	Stress	CAAX-box protein processing	P	AT4G01320
20039	3	F23 vs. L23	L2-3 up	GO:0071586	Signaling and response	Stress	CAAX-box protein processing	P	AT5G60750
20040	3	F23 vs. L23	L2-3 up	GO:0004662	Signaling and response	Stress	CAAX-protein geranylgeranyltransferase activity	F	AT3G59380
20041	3	F23 vs. L23	L2-3 up	GO:0005953	Signaling and response	Stress	CAAX-protein geranylgeranyltransferase complex	C	AT3G59380
20042	3	F23 vs. L23	L2-3 up	GO:0015368	Signaling and response	Stress	calcium:cation antiporter activity	F	AT3G13320
20043	3	F23 vs. L23	L2-3 up	GO:0015369	Signaling and response	Stress	calcium:proton antiporter activity	F	AT3G13320
20044	3	F23 vs. L23	L2-3 up	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT5G65020
20045	3	F23 vs. L23	L2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G21750
20046	3	F23 vs. L23	L2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G03860
20047	3	F23 vs. L23	L2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G50960
20048	3	F23 vs. L23	L2-3 up	GO:0006874	Signaling and response	Stress	cellular calcium ion homeostasis	P	AT3G13320
20049	3	F23 vs. L23	L2-3 up	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT3G18130

20050	3	F23 vs. L23	L2-3 up	GO:0071369	Signaling and response	Stress	cellular response to ethylene stimulus	P	AT4G32330
20051	3	F23 vs. L23	L2-3 up	GO:0070301	Signaling and response	Stress	cellular response to hydrogen peroxide	P	AT1G34190
20052	3	F23 vs. L23	L2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT2G45170
20053	3	F23 vs. L23	L2-3 up	GO:0051365	Signaling and response	Stress	cellular response to potassium ion starvation	P	AT1G74020
20054	3	F23 vs. L23	L2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G34620
20055	3	F23 vs. L23	L2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT3G49810
20056	3	F23 vs. L23	L2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT5G21010
20057	3	F23 vs. L23	L2-3 up	GO:0009267	Signaling and response	Stress	cellular response to starvation	P	AT2G45170
20058	3	F23 vs. L23	L2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT4G14680
20059	3	F23 vs. L23	L2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT5G21010
20060	3	F23 vs. L23	L2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT2G44650
20061	3	F23 vs. L23	L2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G60210
20062	3	F23 vs. L23	L2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G19120
20063	3	F23 vs. L23	L2-3 up	GO:0004869	Signaling and response	Stress	cysteine-type endopeptidase inhibitor activity	F	AT1G47710
20064	3	F23 vs. L23	L2-3 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT1G56310
20065	3	F23 vs. L23	L2-3 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT3G14010
20066	3	F23 vs. L23	L2-3 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT5G61000
20067	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G07570
20068	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G14410
20069	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G18250
20070	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G20650
20071	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G52030
20072	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G71260
20073	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G77470
20074	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G39220
20075	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G12920
20076	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G03140
20077	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G13290
20078	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G15080
20079	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G56590
20080	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G58480
20081	3	F23 vs. L23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G60300
20082	3	F23 vs. L23	L2-3 up	GO:0009870	Signaling and response	Stress	defense response signaling pathway, resistance gene-dependent	P	AT4G12720
20083	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G79380
20084	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G05940
20085	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G12720
20086	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G39090
20087	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G01230
20088	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G03140
20089	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G13290
20090	3	F23 vs. L23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G60300
20091	3	F23 vs. L23	L2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G12500
20092	3	F23 vs. L23	L2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G09440
20093	3	F23 vs. L23	L2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G03140
20094	3	F23 vs. L23	L2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G13290
20095	3	F23 vs. L23	L2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G56580
20096	3	F23 vs. L23	L2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G60300
20097	3	F23 vs. L23	L2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT1G69440
20098	3	F23 vs. L23	L2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT3G62800
20099	3	F23 vs. L23	L2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT3G10500
20100	3	F23 vs. L23	L2-3 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	ATCG00670
20101	3	F23 vs. L23	L2-3 up	GO:0030385	Signaling and response	Stress	ferredoxin:thioredoxin reductase activity	F	AT2G04700
20102	3	F23 vs. L23	L2-3 up	GO:0103012	Signaling and response	Stress	ferredoxin-thioredoxin reductase activity	F	AT2G04700
20103	3	F23 vs. L23	L2-3 up	GO:0042973	Signaling and response	Stress	glucan endo-1,3-beta-D-glucosidase activity	F	AT5G56590
20104	3	F23 vs. L23	L2-3 up	GO:0042973	Signaling and response	Stress	glucan endo-1,3-beta-D-glucosidase activity	F	AT5G58480

20105	3	F23 vs. L23	L2-3 up	GO:0010235	Signaling and response	Stress	guard mother cell cytokinesis	P	AT3G22780
20106	3	F23 vs. L23	L2-3 up	GO:0051879	Signaling and response	Stress	Hsp90 protein binding	F	AT4G30480
20107	3	F23 vs. L23	L2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT2G22420
20108	3	F23 vs. L23	L2-3 up	GO:0006972	Signaling and response	Stress	hyperosmotic response	P	AT5G14640
20109	3	F23 vs. L23	L2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G16920
20110	3	F23 vs. L23	L2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G19120
20111	3	F23 vs. L23	L2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT3G18030
20112	3	F23 vs. L23	L2-3 up	GO:0009871	Signaling and response	Stress	jasmonic acid and ethylene-dependent systemic resistance, ethylene mediated signaling pathway	P	AT3G12500
20113	3	F23 vs. L23	L2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT3G12500
20114	3	F23 vs. L23	L2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT1G20270
20115	3	F23 vs. L23	L2-3 up	GO:0010587	Signaling and response	Stress	miRNA catabolic process	P	AT1G56310
20116	3	F23 vs. L23	L2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT3G59380
20117	3	F23 vs. L23	L2-3 up	GO:0060548	Signaling and response	Stress	negative regulation of cell death	P	AT4G39400
20118	3	F23 vs. L23	L2-3 up	GO:1901181	Signaling and response	Stress	negative regulation of cellular response to caffeine	P	AT5G11510
20119	3	F23 vs. L23	L2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT1G77470
20120	3	F23 vs. L23	L2-3 up	GO:0010951	Signaling and response	Stress	negative regulation of endopeptidase activity	P	AT1G47710
20121	3	F23 vs. L23	L2-3 up	GO:1901001	Signaling and response	Stress	negative regulation of response to salt stress	P	AT3G49810
20122	3	F23 vs. L23	L2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT1G80780
20123	3	F23 vs. L23	L2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT2G32070
20124	3	F23 vs. L23	L2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G48760
20125	3	F23 vs. L23	L2-3 up	GO:0006809	Signaling and response	Stress	nitric oxide biosynthetic process	P	AT1G62810
20126	3	F23 vs. L23	L2-3 up	GO:0018401	Signaling and response	Stress	peptidyl-proline hydroxylation to 4-hydroxy-L-proline	P	AT1G20270
20127	3	F23 vs. L23	L2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT3G12500
20128	3	F23 vs. L23	L2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G12720
20129	3	F23 vs. L23	L2-3 up	GO:1900057	Signaling and response	Stress	positive regulation of leaf senescence	P	AT3G12130
20130	3	F23 vs. L23	L2-3 up	GO:0004656	Signaling and response	Stress	procollagen-proline 4-dioxygenase activity	F	AT1G20270
20131	3	F23 vs. L23	L2-3 up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT4G29520
20132	3	F23 vs. L23	L2-3 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	ATCG00670
20133	3	F23 vs. L23	L2-3 up	GO:0010115	Signaling and response	Stress	regulation of abscisic acid biosynthetic process	P	AT1G13930
20134	3	F23 vs. L23	L2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT3G48150
20135	3	F23 vs. L23	L2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT5G51910
20136	3	F23 vs. L23	L2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT3G10500
20137	3	F23 vs. L23	L2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT5G14920
20138	3	F23 vs. L23	L2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT3G05010
20139	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G17840
20140	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G13540
20141	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G36530
20142	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G08550
20143	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G17260
20144	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G32910
20145	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G14920
20146	3	F23 vs. L23	L2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G59010
20147	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G49480
20148	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G21060
20149	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G28900
20150	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G36530
20151	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G20830
20152	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G59010
20153	3	F23 vs. L23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G65020
20154	3	F23 vs. L23	L2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G02730
20155	3	F23 vs. L23	L2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G70710

20156	3	F23 vs. L23	L2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G76540
20157	3	F23 vs. L23	L2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT4G39090
20158	3	F23 vs. L23	L2-3 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT1G21750
20159	3	F23 vs. L23	L2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G27440
20160	3	F23 vs. L23	L2-3 up	GO:0009413	Signaling and response	Stress	response to flooding	P	AT5G20830
20161	3	F23 vs. L23	L2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G11510
20162	3	F23 vs. L23	L2-3 up	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT4G37490
20163	3	F23 vs. L23	L2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G13930
20164	3	F23 vs. L23	L2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G29500
20165	3	F23 vs. L23	L2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G29520
20166	3	F23 vs. L23	L2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G55160
20167	3	F23 vs. L23	L2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G65020
20168	3	F23 vs. L23	L2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT5G20830
20169	3	F23 vs. L23	L2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT3G05010
20170	3	F23 vs. L23	L2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G02800
20171	3	F23 vs. L23	L2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G24780
20172	3	F23 vs. L23	L2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G04770
20173	3	F23 vs. L23	L2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G02730
20174	3	F23 vs. L23	L2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G39090
20175	3	F23 vs. L23	L2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT5G20830
20176	3	F23 vs. L23	L2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT5G21010
20177	3	F23 vs. L23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G32220
20178	3	F23 vs. L23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G50170
20179	3	F23 vs. L23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G22420
20180	3	F23 vs. L23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G24150
20181	3	F23 vs. L23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G29500
20182	3	F23 vs. L23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G12720
20183	3	F23 vs. L23	L2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G12720
20184	3	F23 vs. L23	L2-3 up	GO:0009623	Signaling and response	Stress	response to parasitic fungus	P	AT5G11510
20185	3	F23 vs. L23	L2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT2G29500
20186	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G02730
20187	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G13930
20188	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G17840
20189	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G29500
20190	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G12720
20191	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G39090
20192	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G02410
20193	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G14640
20194	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G14920
20195	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G59010
20196	3	F23 vs. L23	L2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G65020
20197	3	F23 vs. L23	L2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G47060
20198	3	F23 vs. L23	L2-3 up	GO:0009610	Signaling and response	Stress	response to symbiotic fungus	P	AT1G13230
20199	3	F23 vs. L23	L2-3 up	GO:0010353	Signaling and response	Stress	response to trehalose	P	AT5G16150
20200	3	F23 vs. L23	L2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT4G39400
20201	3	F23 vs. L23	L2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G64610
20202	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G02730
20203	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G19120
20204	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G28740
20205	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G59380
20206	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G39090
20207	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G20830
20208	3	F23 vs. L23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65020
20209	3	F23 vs. L23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G17840
20210	3	F23 vs. L23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G52030
20211	3	F23 vs. L23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G74020

20212	3	F23 vs. L23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G79380
20213	3	F23 vs. L23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G28900
20214	3	F23 vs. L23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G60300
20215	3	F23 vs. L23	L2-3 up	GO:0005089	Signaling and response	Stress	Rho guanyl-nucleotide exchange factor activity	F	AT3G55660
20216	3	F23 vs. L23	L2-3 up	GO:0009303	Signaling and response	Stress	rRNA transcription	P	AT1G17690
20217	3	F23 vs. L23	L2-3 up	GO:0004867	Signaling and response	Stress	serine-type endopeptidase inhibitor activity	F	AT1G47710
20218	3	F23 vs. L23	L2-3 up	GO:0034063	Signaling and response	Stress	stress granule assembly	P	AT3G14010
20219	3	F23 vs. L23	L2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G07690
20220	3	F23 vs. L23	L2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT5G48485
20221	3	F23 vs. L23	L2-3 up	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT5G48485
20222	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G20650
20223	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G01820
20224	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G62220
20225	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G03140
20226	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G11020
20227	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G13290
20228	3	F23 vs. L23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G60300
20229	3	F23 vs. L23	L2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G29500
20230	3	F23 vs. L23	L2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G44650
20231	3	F23 vs. L23	L2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G60210
20232	3	F23 vs. L23	L2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	ATCG00360
20233	3	F23 vs. L23	L2-3 up	GO:0009650	Signaling and response	Stress	UV protection	P	AT2G02760
20234	3	F23 vs. L23	L2-3 up	GO:0016032	Signaling and response	Stress	viral process	P	AT3G62800
20235	4	F23 vs. M23	F2-3	GO:0008356	Development	Cell division	asymmetric cell division	P	AT2G37630
20236	4	F23 vs. M23	F2-3	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12710
20237	4	F23 vs. M23	F2-3	GO:0051301	Development	Cell division	cell division	P	AT3G18780
20238	4	F23 vs. M23	F2-3	GO:0051301	Development	Cell division	cell division	P	AT4G17500
20239	4	F23 vs. M23	F2-3	GO:0051301	Development	Cell division	cell division	P	AT5G09810
20240	4	F23 vs. M23	F2-3	GO:0000793	Development	Cell division	condensed chromosome	C	AT2G37630
20241	4	F23 vs. M23	F2-3	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT1G09600
20242	4	F23 vs. M23	F2-3	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G09600
20243	4	F23 vs. M23	F2-3	GO:0000910	Development	Cell division	cytokinesis	P	AT3G60740
20244	4	F23 vs. M23	F2-3	GO:0048229	Development	Cell division	gametophyte development	P	AT1G70730
20245	4	F23 vs. M23	F2-3	GO:0009556	Development	Cell division	microsporogenesis	P	AT2G13680
20246	4	F23 vs. M23	F2-3	GO:0009556	Development	Cell division	microsporogenesis	P	AT3G08510
20247	4	F23 vs. M23	F2-3	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT1G64740
20248	4	F23 vs. M23	F2-3	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G20890
20249	4	F23 vs. M23	F2-3	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT3G08730
20250	4	F23 vs. M23	F2-3	GO:0004518	Development	Cell division	nuclease activity	F	AT1G19660
20251	4	F23 vs. M23	F2-3	GO:0009846	Development	Cell division	pollen germination	P	AT1G64980
20252	4	F23 vs. M23	F2-3	GO:0009846	Development	Cell division	pollen germination	P	AT2G13680
20253	4	F23 vs. M23	F2-3	GO:0009846	Development	Cell division	pollen germination	P	AT2G26490
20254	4	F23 vs. M23	F2-3	GO:0009846	Development	Cell division	pollen germination	P	AT5G07410
20255	4	F23 vs. M23	F2-3	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT1G24520
20256	4	F23 vs. M23	F2-3	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT5G57800
20257	4	F23 vs. M23	F2-3	GO:0048868	Development	Cell division	pollen tube development	P	AT2G34850

20258	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G03050
20259	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G61290
20260	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G64980
20261	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G13680
20262	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G10770
20263	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G36880
20264	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G47040
20265	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G05580
20266	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT4G17530
20267	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G14380
20268	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G52360
20269	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G53000
20270	4	F23 vs. M23	F2-3	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G54560
20271	4	F23 vs. M23	F2-3	GO:0010183	Development	Cell division	pollen tube guidance	P	AT5G45840
20272	4	F23 vs. M23	F2-3	GO:0004751	Development	Cell division	ribose-5-phosphate isomerase activity	F	AT3G04790
20273	4	F23 vs. M23	F2-3	GO:0004750	Development	Cell division	ribulose-phosphate 3-epimerase activity	F	AT5G61410
20274	4	F23 vs. M23	F2-3	GO:0019953	Development	Cell division	sexual reproduction	P	AT4G17030
20275	4	F23 vs. M23	F2-3	GO:0019953	Development	Cell division	sexual reproduction	P	AT5G07550
20276	4	F23 vs. M23	F2-3	GO:0007338	Development	Cell division	single fertilization	P	AT1G64980
20277	4	F23 vs. M23	F2-3	GO:0006949	Development	Cell division	syncytium formation	P	AT2G39700
20278	4	F23 vs. M23	F2-3	GO:0006949	Development	Cell division	syncytium formation	P	AT4G26260
20279	4	F23 vs. M23	F2-3	GO:0006949	Development	Cell division	syncytium formation	P	AT5G56640
20280	4	F23 vs. M23	F2-3	GO:0006949	Development	Cell division	syncytium formation	P	AT1G26770
20281	4	F23 vs. M23	F2-3	GO:0019079	Development	Cell division	viral genome replication	P	AT3G02470
20282	4	F23 vs. M23	F2-3	GO:0015629	Development	Development	actin cytoskeleton	C	AT2G45800
20283	4	F23 vs. M23	F2-3	GO:0015629	Development	Development	actin cytoskeleton	C	AT3G61230
20284	4	F23 vs. M23	F2-3	GO:0015629	Development	Development	actin cytoskeleton	C	AT1G01780
20285	4	F23 vs. M23	F2-3	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT2G19770
20286	4	F23 vs. M23	F2-3	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT3G13870
20287	4	F23 vs. M23	F2-3	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT5G59370
20288	4	F23 vs. M23	F2-3	GO:0005884	Development	Development	actin filament	C	AT4G25590
20289	4	F23 vs. M23	F2-3	GO:0005884	Development	Development	actin filament	C	AT5G52360
20290	4	F23 vs. M23	F2-3	GO:0009501	Development	Development	amyloplast	C	AT3G01180
20291	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20865
20292	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT3G57690
20293	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT1G20030
20294	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT5G08000
20295	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT5G14380
20296	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT5G22430
20297	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT5G40730
20298	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT1G24520
20299	4	F23 vs. M23	F2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT5G53250
20300	4	F23 vs. M23	F2-3	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G11650
20301	4	F23 vs. M23	F2-3	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G52470
20302	4	F23 vs. M23	F2-3	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G08000
20303	4	F23 vs. M23	F2-3	GO:0048653	Development	Development	anther development	P	AT2G42200
20304	4	F23 vs. M23	F2-3	GO:0016324	Development	Development	apical plasma membrane	C	AT2G21480
20305	4	F23 vs. M23	F2-3	GO:0016324	Development	Development	apical plasma membrane	C	AT3G07960
20306	4	F23 vs. M23	F2-3	GO:0016324	Development	Development	apical plasma membrane	C	AT4G39110
20307	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G66200
20308	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G68010
20309	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G72610
20310	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G76160
20311	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT2G10940
20312	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT2G15620
20313	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G09340

20314	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT2G21330
20315	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT2G28190
20316	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G11860
20317	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT2G36870
20318	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT2G39730
20319	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G01500
20320	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G03780
20321	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G04120
20322	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G09440
20323	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G14310
20324	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G14420
20325	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G44990
20326	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G54050
20327	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G55800
20328	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT3G63140
20329	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT4G33010
20330	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT4G35010
20331	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT4G38740
20332	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT4G38970
20333	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT4G39640
20334	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G04140
20335	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G09550
20336	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G09660
20337	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G23310
20338	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G25980
20339	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G52360
20340	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G61410
20341	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT5G65730
20342	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G28270
20343	4	F23 vs. M23	F2-3	GO:0048046	Development	Development	apoplast	C	AT1G41830
20344	4	F23 vs. M23	F2-3	GO:0048226	Development	Development	Casparian strip	C	AT4G15620
20345	4	F23 vs. M23	F2-3	GO:0005623	Development	Development	cell	C	AT3G07560
20346	4	F23 vs. M23	F2-3	GO:0005623	Development	Development	cell	C	AT3G25690
20347	4	F23 vs. M23	F2-3	GO:0007155	Development	Development	cell adhesion	P	AT3G25140
20348	4	F23 vs. M23	F2-3	GO:0005938	Development	Development	cell cortex	C	AT2G19770
20349	4	F23 vs. M23	F2-3	GO:0005938	Development	Development	cell cortex	C	AT4G29340
20350	4	F23 vs. M23	F2-3	GO:0005938	Development	Development	cell cortex	C	AT4G29350
20351	4	F23 vs. M23	F2-3	GO:0030154	Development	Development	cell differentiation	P	AT1G69120
20352	4	F23 vs. M23	F2-3	GO:0030154	Development	Development	cell differentiation	P	AT3G54340
20353	4	F23 vs. M23	F2-3	GO:0030154	Development	Development	cell differentiation	P	AT5G20240
20354	4	F23 vs. M23	F2-3	GO:0045165	Development	Development	cell fate commitment	P	AT4G08150
20355	4	F23 vs. M23	F2-3	GO:0001708	Development	Development	cell fate specification	P	AT4G08150
20356	4	F23 vs. M23	F2-3	GO:0009986	Development	Development	cell surface	C	AT3G17790
20357	4	F23 vs. M23	F2-3	GO:0009986	Development	Development	cell surface	C	AT3G45780
20358	4	F23 vs. M23	F2-3	GO:0009932	Development	Development	cell tip growth	P	AT3G13870
20359	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G72610
20360	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G76160
20361	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT2G02130
20362	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT2G02990
20363	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT2G20870
20364	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT2G36870
20365	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT2G39730
20366	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT2G47040
20367	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G07850
20368	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G09440
20369	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G14310

20370	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G16240
20371	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G17060
20372	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G17390
20373	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G18080
20374	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G29030
20375	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G44990
20376	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G51600
20377	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT3G62170
20378	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT4G00230
20379	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT4G01850
20380	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT4G13990
20381	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G20190
20382	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT4G25900
20383	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G20850
20384	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT4G33220
20385	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT4G35010
20386	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G07410
20387	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G07420
20388	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G07430
20389	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G09810
20390	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G11420
20391	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G15490
20392	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G19760
20393	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G26770
20394	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT5G65730
20395	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G41830
20396	4	F23 vs. M23	F2-3	GO:0005618	Development	Development	cell wall	C	AT1G02790
20397	4	F23 vs. M23	F2-3	GO:0042546	Development	Development	cell wall biogenesis	P	AT2G36870
20398	4	F23 vs. M23	F2-3	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G44990
20399	4	F23 vs. M23	F2-3	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G65730
20400	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT2G47040
20401	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT3G14310
20402	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT3G17060
20403	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT3G62170
20404	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT4G15620
20405	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT4G33220
20406	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT5G07410
20407	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT5G07420
20408	4	F23 vs. M23	F2-3	GO:0042545	Development	Development	cell wall modification	P	AT5G07430
20409	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT1G60590
20410	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT1G64390
20411	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT2G13680
20412	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT2G23900
20413	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT2G36870
20414	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G07820
20415	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G07830
20416	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G07840
20417	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G07850
20418	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G28180
20419	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G44990
20420	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT4G16590
20421	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT4G24510
20422	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT5G05170
20423	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT5G48140
20424	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT5G64740
20425	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT5G65730

20426	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT1G02790
20427	4	F23 vs. M23	F2-3	GO:0071555	Development	Development	cell wall organization	P	AT1G53000
20428	4	F23 vs. M23	F2-3	GO:0052546	Development	Development	cell wall pectin metabolic process	P	AT3G29360
20429	4	F23 vs. M23	F2-3	GO:0052546	Development	Development	cell wall pectin metabolic process	P	AT5G15490
20430	4	F23 vs. M23	F2-3	GO:0007043	Development	Development	cell-cell junction assembly	P	AT4G15620
20431	4	F23 vs. M23	F2-3	GO:0005575	Development	Development	cellular_component	C	AT3G15430
20432	4	F23 vs. M23	F2-3	GO:0042807	Development	Development	central vacuole	C	AT2G36830
20433	4	F23 vs. M23	F2-3	GO:0042807	Development	Development	central vacuole	C	AT3G16240
20434	4	F23 vs. M23	F2-3	GO:0000785	Development	Development	chromatin	C	AT5G63860
20435	4	F23 vs. M23	F2-3	GO:0005801	Development	Development	cis-Golgi network	C	AT1G15880
20436	4	F23 vs. M23	F2-3	GO:0048268	Development	Development	clathrin coat assembly	P	AT1G03050
20437	4	F23 vs. M23	F2-3	GO:0048268	Development	Development	clathrin coat assembly	P	AT1G25240
20438	4	F23 vs. M23	F2-3	GO:0032050	Development	Development	clathrin heavy chain binding	F	AT1G03050
20439	4	F23 vs. M23	F2-3	GO:0032050	Development	Development	clathrin heavy chain binding	F	AT1G25240
20440	4	F23 vs. M23	F2-3	GO:0030125	Development	Development	clathrin vesicle coat	C	AT1G03900
20441	4	F23 vs. M23	F2-3	GO:0045334	Development	Development	clathrin-coated endocytic vesicle	C	AT1G03050
20442	4	F23 vs. M23	F2-3	GO:0005905	Development	Development	clathrin-coated pit	C	AT1G03050
20443	4	F23 vs. M23	F2-3	GO:0005905	Development	Development	clathrin-coated pit	C	AT1G25240
20444	4	F23 vs. M23	F2-3	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT1G03050
20445	4	F23 vs. M23	F2-3	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT1G25240
20446	4	F23 vs. M23	F2-3	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT1G03050
20447	4	F23 vs. M23	F2-3	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT3G07960
20448	4	F23 vs. M23	F2-3	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT1G25240
20449	4	F23 vs. M23	F2-3	GO:0043622	Development	Development	cortical microtubule organization	P	AT5G64740
20450	4	F23 vs. M23	F2-3	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT5G64740
20451	4	F23 vs. M23	F2-3	GO:0042335	Development	Development	cuticle development	P	AT1G68530
20452	4	F23 vs. M23	F2-3	GO:0042335	Development	Development	cuticle development	P	AT5G33370
20453	4	F23 vs. M23	F2-3	GO:0042335	Development	Development	cuticle development	P	AT5G57800
20454	4	F23 vs. M23	F2-3	GO:0042335	Development	Development	cuticle development	P	AT1G02205
20455	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G56500
20456	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G56580
20457	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G59730
20458	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G03495
20459	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G62450
20460	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G64740
20461	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G66200
20462	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G68530
20463	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G68570
20464	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G03620
20465	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G70490
20466	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G70580
20467	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G70730
20468	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G71697
20469	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G03900
20470	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G74090
20471	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G74910
20472	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G78160
20473	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G78320
20474	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G79340
20475	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G01670
20476	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G18390
20477	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G19770
20478	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G21820
20479	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G23170
20480	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G23970
20481	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G26490

20482	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G28520
20483	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G29630
20484	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G31500
20485	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G34810
20486	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G35840
20487	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G36830
20488	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G36880
20489	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G37040
20490	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G12070
20491	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G37760
20492	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G37770
20493	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G37970
20494	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G39770
20495	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G41860
20496	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G42200
20497	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G44120
20498	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G45800
20499	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G47730
20500	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G01500
20501	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G03190
20502	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G03430
20503	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G03780
20504	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G13890
20505	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G04120
20506	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G05580
20507	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G07960
20508	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G08730
20509	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G09440
20510	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G11050
20511	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G13870
20512	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G13930
20513	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G14880
20514	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G14310
20515	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G14420
20516	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G17390
20517	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G15470
20518	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G17820
20519	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G18780
20520	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G19710
20521	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G21260
20522	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G23810
20523	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G24503
20524	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G26060
20525	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G29360
20526	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G45140
20527	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G45780
20528	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G46520
20529	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G50210
20530	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G51240
20531	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G18150
20532	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G52720
20533	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G53620
20534	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G53960
20535	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G18660
20536	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G54050
20537	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G54660

20538	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G54700
20539	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G55170
20540	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G55610
20541	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G18990
20542	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G55800
20543	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G55970
20544	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G56240
20545	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G59350
20546	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G60740
20547	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G61230
20548	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G62960
20549	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G01480
20550	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G01850
20551	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G02250
20552	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G15093
20553	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G15700
20554	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G18950
20555	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G20890
20556	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G24380
20557	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G25100
20558	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G25590
20559	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G26260
20560	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G26470
20561	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G29340
20562	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G29350
20563	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G21980
20564	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G31290
20565	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G36250
20566	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G22710
20567	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G37990
20568	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G38740
20569	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G39800
20570	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G01780
20571	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G01410
20572	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G01600
20573	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G02270
20574	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G02790
20575	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G05600
20576	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G22760
20577	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G07460
20578	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G08100
20579	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G08640
20580	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G09550
20581	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G09660
20582	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G23310
20583	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G09810
20584	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G15490
20585	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G16450
20586	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G17480
20587	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G18600
20588	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G19450
20589	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G20240
20590	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G20620
20591	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G20700
20592	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G24530
20593	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G36160

20594	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G42050
20595	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G25240
20596	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G52360
20597	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G54160
20598	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G26480
20599	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G56640
20600	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G56750
20601	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G59370
20602	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G63860
20603	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G27970
20604	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G44170
20605	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G47530
20606	4	F23 vs. M23	F2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G49670
20607	4	F23 vs. M23	F2-3	GO:0009898	Development	Development	cytoplasmic side of plasma membrane	C	AT3G45780
20608	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT2G19770
20609	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT3G18780
20610	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT3G46520
20611	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT4G29340
20612	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT4G29350
20613	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT5G09810
20614	4	F23 vs. M23	F2-3	GO:0005856	Development	Development	cytoskeleton	C	AT5G59370
20615	4	F23 vs. M23	F2-3	GO:0007010	Development	Development	cytoskeleton organization	P	AT3G46520
20616	4	F23 vs. M23	F2-3	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G09810
20617	4	F23 vs. M23	F2-3	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G59370
20618	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G62450
20619	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G64740
20620	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G64980
20621	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G65960
20622	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G66200
20623	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G68010
20624	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G70310
20625	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G70580
20626	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G70730
20627	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G74910
20628	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G76130
20629	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G78320
20630	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G79340
20631	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G01520
20632	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G09340
20633	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G21330
20634	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G23970
20635	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G28305
20636	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G29370
20637	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G35370
20638	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G35840
20639	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G36880
20640	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G12070
20641	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G37760
20642	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G37770
20643	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G39700
20644	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G39770
20645	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G44060
20646	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G44120
20647	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G45770
20648	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G46820
20649	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G47730

20650	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G47910
20651	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT2G48020
20652	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G01500
20653	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G02470
20654	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G03190
20655	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G03780
20656	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G04120
20657	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G04790
20658	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G05580
20659	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G06510
20660	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G06690
20661	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G08560
20662	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G09440
20663	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G13870
20664	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G13930
20665	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G14310
20666	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G14420
20667	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G16100
20668	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G17390
20669	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G17820
20670	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G18780
20671	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G19130
20672	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G19710
20673	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G21260
20674	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G23810
20675	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G23920
20676	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G24503
20677	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G25690
20678	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G25760
20679	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G26060
20680	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G29360
20681	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G45140
20682	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G46520
20683	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G47960
20684	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G48000
20685	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G49110
20686	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G51600
20687	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G51820
20688	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G51920
20689	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G53620
20690	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G54050
20691	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G54660
20692	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G55610
20693	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G55800
20694	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G56240
20695	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G58730
20696	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G59350
20697	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G60740
20698	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G61160
20699	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G61990
20700	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT3G63140
20701	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G01480
20702	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G01850
20703	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G10120
20704	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G10440
20705	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G11960

20706	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G13230
20707	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G13560
20708	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G13770
20709	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G15530
20710	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G17530
20711	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G18950
20712	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G20890
20713	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G21280
20714	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G24930
20715	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G25100
20716	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G25900
20717	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G26970
20718	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G29350
20719	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G31700
20720	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G32320
20721	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G33010
20722	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G34050
20723	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G34710
20724	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G35150
20725	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G37180
20726	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G37550
20727	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G37560
20728	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G38740
20729	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT4G38970
20730	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G01410
20731	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G02270
20732	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G02790
20733	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G05600
20734	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G22760
20735	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G07460
20736	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G08100
20737	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G23310
20738	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G09810
20739	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G11810
20740	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G15490
20741	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G24020
20742	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G36160
20743	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G51720
20744	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G54160
20745	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G58060
20746	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G61410
20747	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT5G63860
20748	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G27970
20749	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G31190
20750	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G53000
20751	4	F23 vs. M23	F2-3	GO:0005829	Development	Development	cytosol	C	AT1G53500
20752	4	F23 vs. M23	F2-3	GO:0032502	Development	Development	developmental process	P	AT2G30490
20753	4	F23 vs. M23	F2-3	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT3G21180
20754	4	F23 vs. M23	F2-3	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G13560
20755	4	F23 vs. M23	F2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G18390
20756	4	F23 vs. M23	F2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34850
20757	4	F23 vs. M23	F2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G55610
20758	4	F23 vs. M23	F2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G60740
20759	4	F23 vs. M23	F2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G39800

20760	4	F23 vs. M23	F2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G61410
20761	4	F23 vs. M23	F2-3	GO:0009558	Development	Development	embryo sac cellularization	P	AT2G18390
20762	4	F23 vs. M23	F2-3	GO:0009553	Development	Development	embryo sac development	P	AT3G08510
20763	4	F23 vs. M23	F2-3	GO:0009553	Development	Development	embryo sac development	P	AT5G24120
20764	4	F23 vs. M23	F2-3	GO:0012505	Development	Development	endomembrane system	C	AT1G61290
20765	4	F23 vs. M23	F2-3	GO:0012505	Development	Development	endomembrane system	C	AT3G03800
20766	4	F23 vs. M23	F2-3	GO:0012505	Development	Development	endomembrane system	C	AT4G25030
20767	4	F23 vs. M23	F2-3	GO:0012505	Development	Development	endomembrane system	C	AT5G01410
20768	4	F23 vs. M23	F2-3	GO:0012505	Development	Development	endomembrane system	C	AT5G45840
20769	4	F23 vs. M23	F2-3	GO:0016320	Development	Development	endoplasmic reticulum membrane fusion	P	AT3G13870
20770	4	F23 vs. M23	F2-3	GO:0007029	Development	Development	endoplasmic reticulum organization	P	AT3G13870
20771	4	F23 vs. M23	F2-3	GO:0009960	Development	Development	endosperm development	P	AT2G18390
20772	4	F23 vs. M23	F2-3	GO:0070062	Development	Development	extracellular exosome	C	AT4G01850
20773	4	F23 vs. M23	F2-3	GO:0031012	Development	Development	extracellular matrix	C	AT1G72610
20774	4	F23 vs. M23	F2-3	GO:0031012	Development	Development	extracellular matrix	C	AT5G14380
20775	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G55570
20776	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G58430
20777	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G60590
20778	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G64390
20779	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G72610
20780	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G74670
20781	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G75800
20782	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G75880
20783	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G76130
20784	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G76160
20785	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G02130
20786	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G02140
20787	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G02720
20788	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G02990
20789	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G03200
20790	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G09340
20791	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G19000
20792	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G19980
20793	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G20870
20794	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G23900
20795	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G28190
20796	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G30490
20797	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G11860
20798	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G34810
20799	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G36870
20800	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G39700
20801	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G39850
20802	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G12250
20803	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G43590
20804	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G44210
20805	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT2G47040
20806	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G01270
20807	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G04360
20808	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G07820
20809	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G07830
20810	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G07840
20811	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G07850
20812	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G13390
20813	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G13400
20814	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G14880
20815	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G17060

20816	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G17790
20817	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G15470
20818	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G18080
20819	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G23920
20820	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G29030
20821	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G44990
20822	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G45010
20823	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G49110
20824	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G51070
20825	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G51600
20826	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G52370
20827	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G52780
20828	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G53980
20829	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G57680
20830	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G61990
20831	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G62170
20832	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT3G62710
20833	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G00230
20834	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G00360
20835	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G04460
20836	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G20030
20837	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G17030
20838	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G20190
20839	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G25780
20840	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G25900
20841	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G28780
20842	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G33220
20843	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G33550
20844	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G35010
20845	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G35350
20846	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT4G39640
20847	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G22750
20848	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G07410
20849	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G07420
20850	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G07430
20851	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G07550
20852	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G08260
20853	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G11420
20854	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G15110
20855	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G19580
20856	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G20940
20857	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G25610
20858	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G25980
20859	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G26060
20860	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G33370
20861	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G45880
20862	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G47000
20863	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G48140
20864	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G55720
20865	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G56260
20866	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G01980
20867	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G26770
20868	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G63180
20869	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT5G65730
20870	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G28270
20871	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G29140

20872	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G30360
20873	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G30700
20874	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G41830
20875	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G02790
20876	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G47980
20877	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G02850
20878	4	F23 vs. M23	F2-3	GO:0005576	Development	Development	extracellular region	C	AT1G55560
20879	4	F23 vs. M23	F2-3	GO:0005615	Development	Development	extracellular space	C	AT2G19980
20880	4	F23 vs. M23	F2-3	GO:0005615	Development	Development	extracellular space	C	AT2G28190
20881	4	F23 vs. M23	F2-3	GO:0005615	Development	Development	extracellular space	C	AT4G25780
20882	4	F23 vs. M23	F2-3	GO:0005615	Development	Development	extracellular space	C	AT1G20850
20883	4	F23 vs. M23	F2-3	GO:0005615	Development	Development	extracellular space	C	AT4G35350
20884	4	F23 vs. M23	F2-3	GO:0005615	Development	Development	extracellular space	C	AT5G45880
20885	4	F23 vs. M23	F2-3	GO:0010582	Development	Development	floral meristem determinacy	P	AT1G69120
20886	4	F23 vs. M23	F2-3	GO:0048437	Development	Development	floral organ development	P	AT3G08510
20887	4	F23 vs. M23	F2-3	GO:0048449	Development	Development	floral organ formation	P	AT4G37180
20888	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT1G69120
20889	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT2G37630
20890	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT2G38110
20891	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT3G11050
20892	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT1G19180
20893	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT5G01600
20894	4	F23 vs. M23	F2-3	GO:0009908	Development	Development	flower development	P	AT1G30330
20895	4	F23 vs. M23	F2-3	GO:0010154	Development	Development	fruit development	P	AT3G04120
20896	4	F23 vs. M23	F2-3	GO:0010154	Development	Development	fruit development	P	AT3G61880
20897	4	F23 vs. M23	F2-3	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G15880
20898	4	F23 vs. M23	F2-3	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G29470
20899	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G23820
20900	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G25140
20901	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G28180
20902	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G47960
20903	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G19120
20904	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G27720
20905	4	F23 vs. M23	F2-3	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G30996
20906	4	F23 vs. M23	F2-3	GO:0010229	Development	Development	inflorescence development	P	AT4G29350
20907	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G56500
20908	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G61290
20909	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G63710
20910	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G64060
20911	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G03550
20912	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G66950
20913	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G68530
20914	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G68570
20915	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G72180
20916	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G76490
20917	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G80530
20918	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G80660
20919	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G80760
20920	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G01320
20921	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G06890
20922	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G07560
20923	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G13680
20924	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G18470
20925	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G19980
20926	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G20890
20927	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G21480

20928	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G22900
20929	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G22950
20930	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G24820
20931	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G28520
20932	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G30490
20933	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G34850
20934	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G36830
20935	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G37180
20936	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G38110
20937	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G38170
20938	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G38330
20939	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G38460
20940	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G12110
20941	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G40460
20942	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G46210
20943	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G46820
20944	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G47380
20945	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G13860
20946	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G03770
20947	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G03800
20948	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G05890
20949	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G07560
20950	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G07700
20951	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G11420
20952	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G11650
20953	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G13870
20954	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G14880
20955	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G14770
20956	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G16240
20957	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G20190
20958	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G15880
20959	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G21180
20960	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G22840
20961	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G23820
20962	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G16310
20963	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G25140
20964	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G28180
20965	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G29060
20966	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G16410
20967	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G42640
20968	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G45870
20969	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G47960
20970	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G48780
20971	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G51070
20972	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G51820
20973	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G52470
20974	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G53960
20975	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G54700
20976	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G55100
20977	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G18990
20978	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G57330
20979	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G19150
20980	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G60330
20981	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G61880
20982	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G01600
20983	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G00360

20984	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G01470
20985	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G10440
20986	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G11960
20987	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G13770
20988	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G13800
20989	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G13990
20990	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G14615
20991	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G14690
20992	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G15620
20993	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G16590
20994	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G19120
20995	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G19230
20996	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G20823
20997	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G25030
20998	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G25040
20999	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G27720
21000	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G30996
21001	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G31330
21002	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G32260
21003	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G39030
21004	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G39110
21005	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G22750
21006	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G01430
21007	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G05170
21008	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G07250
21009	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G07550
21010	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G11650
21011	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G11960
21012	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G13490
21013	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G16010
21014	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G17400
21015	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G19760
21016	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G23060
21017	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G24140
21018	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G36220
21019	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G37300
21020	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G24400
21021	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G37810
21022	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G42270
21023	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G43745
21024	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G24520
21025	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G45840
21026	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G47910
21027	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G52450
21028	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G54250
21029	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G54980
21030	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G57350
21031	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G57800
21032	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G58060
21033	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G60660
21034	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G61700
21035	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G62680
21036	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G65810
21037	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G66070
21038	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G67370
21039	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G27980

21040	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G29470
21041	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G29930
21042	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G30360
21043	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G32080
21044	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G33170
21045	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G45474
21046	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G47530
21047	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G52190
21048	4	F23 vs. M23	F2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G52580
21049	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G64060
21050	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G30440
21051	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G48020
21052	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G05960
21053	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G14770
21054	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G47420
21055	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G51490
21056	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G22710
21057	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G64740
21058	4	F23 vs. M23	F2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G50310
21059	4	F23 vs. M23	F2-3	GO:0005622	Development	Development	intracellular	C	AT3G07560
21060	4	F23 vs. M23	F2-3	GO:0005622	Development	Development	intracellular	C	AT5G49890
21061	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G31790
21062	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G46670
21063	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G01070
21064	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G15490
21065	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G49890
21066	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61690
21067	4	F23 vs. M23	F2-3	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61700
21068	4	F23 vs. M23	F2-3	GO:0097708	Development	Development	intracellular vesicle	C	AT1G68570
21069	4	F23 vs. M23	F2-3	GO:0048527	Development	Development	lateral root development	P	AT4G29350
21070	4	F23 vs. M23	F2-3	GO:0048527	Development	Development	lateral root development	P	AT1G32080
21071	4	F23 vs. M23	F2-3	GO:0048366	Development	Development	leaf development	P	AT2G42200
21072	4	F23 vs. M23	F2-3	GO:0048366	Development	Development	leaf development	P	AT3G11050
21073	4	F23 vs. M23	F2-3	GO:0048366	Development	Development	leaf development	P	AT4G29350
21074	4	F23 vs. M23	F2-3	GO:0048366	Development	Development	leaf development	P	AT5G01600
21075	4	F23 vs. M23	F2-3	GO:0010338	Development	Development	leaf formation	P	AT2G37630
21076	4	F23 vs. M23	F2-3	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G23760
21077	4	F23 vs. M23	F2-3	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G37630
21078	4	F23 vs. M23	F2-3	GO:0009965	Development	Development	leaf morphogenesis	P	AT5G65810
21079	4	F23 vs. M23	F2-3	GO:0010076	Development	Development	maintenance of floral meristem identity	P	AT1G69120
21080	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G62450
21081	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G76490
21082	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G12070
21083	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT2G38110
21084	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT2G39420
21085	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT2G39700
21086	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT2G45770
21087	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT3G21180
21088	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G16310
21089	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT3G29030
21090	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT4G13990
21091	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G20190
21092	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT4G35060
21093	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G22710
21094	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT5G11650
21095	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT5G39210

21096	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT5G52450
21097	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT5G54250
21098	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT5G57800
21099	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G26770
21100	4	F23 vs. M23	F2-3	GO:0016020	Development	Development	membrane	C	AT1G47530
21101	4	F23 vs. M23	F2-3	GO:0061025	Development	Development	membrane fusion	P	AT1G61290
21102	4	F23 vs. M23	F2-3	GO:0061025	Development	Development	membrane fusion	P	AT1G13890
21103	4	F23 vs. M23	F2-3	GO:0061025	Development	Development	membrane fusion	P	AT3G03800
21104	4	F23 vs. M23	F2-3	GO:0010073	Development	Development	meristem maintenance	P	AT1G23380
21105	4	F23 vs. M23	F2-3	GO:0009933	Development	Development	meristem structural organization	P	AT1G69120
21106	4	F23 vs. M23	F2-3	GO:0042579	Development	Development	microbody	C	AT5G09660
21107	4	F23 vs. M23	F2-3	GO:0005874	Development	Development	microtubule	C	AT1G64740
21108	4	F23 vs. M23	F2-3	GO:0005874	Development	Development	microtubule	C	AT4G20890
21109	4	F23 vs. M23	F2-3	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT1G64740
21110	4	F23 vs. M23	F2-3	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT2G18390
21111	4	F23 vs. M23	F2-3	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT1G64740
21112	4	F23 vs. M23	F2-3	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT2G18390
21113	4	F23 vs. M23	F2-3	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT3G60740
21114	4	F23 vs. M23	F2-3	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT4G20890
21115	4	F23 vs. M23	F2-3	GO:0007017	Development	Development	microtubule-based process	P	AT1G64740
21116	4	F23 vs. M23	F2-3	GO:0007017	Development	Development	microtubule-based process	P	AT3G60740
21117	4	F23 vs. M23	F2-3	GO:0007017	Development	Development	microtubule-based process	P	AT4G20890
21118	4	F23 vs. M23	F2-3	GO:0012511	Development	Development	monolayer-surrounded lipid storage body	C	AT5G07550
21119	4	F23 vs. M23	F2-3	GO:0007275	Development	Development	multicellular organism development	P	AT1G69120
21120	4	F23 vs. M23	F2-3	GO:0007275	Development	Development	multicellular organism development	P	AT1G77980
21121	4	F23 vs. M23	F2-3	GO:0007275	Development	Development	multicellular organism development	P	AT3G54340
21122	4	F23 vs. M23	F2-3	GO:0007275	Development	Development	multicellular organism development	P	AT5G42270
21123	4	F23 vs. M23	F2-3	GO:0035264	Development	Development	multicellular organism growth	P	AT1G27730
21124	4	F23 vs. M23	F2-3	GO:0009825	Development	Development	multidimensional cell growth	P	AT5G64740
21125	4	F23 vs. M23	F2-3	GO:0016459	Development	Development	myosin complex	C	AT1G54560
21126	4	F23 vs. M23	F2-3	GO:0000790	Development	Development	nuclear chromatin	C	AT1G09600
21127	4	F23 vs. M23	F2-3	GO:0005635	Development	Development	nuclear envelope	C	AT1G27970
21128	4	F23 vs. M23	F2-3	GO:0016363	Development	Development	nuclear matrix	C	AT3G09440
21129	4	F23 vs. M23	F2-3	GO:0009295	Development	Development	nucleoid	C	AT2G46820
21130	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G03050
21131	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G56500
21132	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G59640
21133	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G63930
21134	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G64680
21135	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G64740
21136	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G64980
21137	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G65960
21138	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G69120
21139	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G70310
21140	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G70480
21141	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G03620
21142	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G70730
21143	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G71080
21144	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G73390
21145	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G77980
21146	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G78940
21147	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G79270
21148	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G79340
21149	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G80530
21150	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G01520
21151	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G01670

21152	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G13570
21153	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G16750
21154	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G17220
21155	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G18470
21156	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G19770
21157	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G20470
21158	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G09600
21159	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G21880
21160	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G23170
21161	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G23760
21162	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G23910
21163	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G26490
21164	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G28305
21165	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G31500
21166	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G35370
21167	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G35840
21168	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G36880
21169	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G37630
21170	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G38640
21171	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G39130
21172	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G39730
21173	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G39770
21174	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G40140
21175	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G41860
21176	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G42200
21177	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G42320
21178	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G43970
21179	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G44060
21180	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G45730
21181	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G45800
21182	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G47590
21183	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G47730
21184	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT2G47910
21185	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G13860
21186	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G01680
21187	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G13890
21188	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G04120
21189	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G05580
21190	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G06690
21191	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G07960
21192	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G08560
21193	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G08730
21194	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G13870
21195	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G01250
21196	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G14420
21197	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G16100
21198	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G17310
21199	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G15470
21200	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G17800
21201	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G18780
21202	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G19090
21203	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G19130
21204	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G20220
21205	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G21890
21206	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G23920
21207	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G25690

21208	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G16410
21209	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G29360
21210	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G43120
21211	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G45780
21212	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G46670
21213	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G16880
21214	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G47960
21215	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G51070
21216	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G51290
21217	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G18150
21218	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G51920
21219	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G18660
21220	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G54340
21221	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G57600
21222	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G59350
21223	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G61160
21224	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G19180
21225	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT3G62960
21226	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G00480
21227	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G19550
21228	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G08150
21229	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G10120
21230	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G19660
21231	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G15530
21232	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G15700
21233	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G17500
21234	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G18920
21235	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G18950
21236	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G19120
21237	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G20300
21238	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G24510
21239	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G25030
21240	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G25590
21241	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G29340
21242	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G30470
21243	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G31290
21244	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G31700
21245	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G34050
21246	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G34710
21247	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G35060
21248	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G35350
21249	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G37180
21250	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G22710
21251	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT4G39800
21252	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G07250
21253	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G22760
21254	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G08640
21255	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G23310
21256	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G12000
21257	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G13800
21258	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G23380
21259	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G15160
21260	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G15490
21261	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G19450
21262	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G23460
21263	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G20240

21264	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G20620
21265	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G20700
21266	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G24020
21267	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G37300
21268	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G39210
21269	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G42050
21270	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G44300
21271	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G47910
21272	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G52360
21273	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G54160
21274	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G26480
21275	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G54980
21276	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G56140
21277	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G26610
21278	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G63860
21279	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G64660
21280	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G65810
21281	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT5G66070
21282	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G27100
21283	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G27730
21284	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G27970
21285	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G29470
21286	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G29930
21287	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G30330
21288	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G30360
21289	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G32640
21290	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G33170
21291	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G44170
21292	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G44820
21293	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G47530
21294	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G49670
21295	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G50940
21296	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G51090
21297	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G51110
21298	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G52190
21299	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G53000
21300	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G53500
21301	4	F23 vs. M23	F2-3	GO:0005634	Development	Development	nucleus	C	AT1G54560
21302	4	F23 vs. M23	F2-3	GO:0051640	Development	Development	organelle localization	P	AT1G54560
21303	4	F23 vs. M23	F2-3	GO:0048446	Development	Development	petal morphogenesis	P	AT1G59640
21304	4	F23 vs. M23	F2-3	GO:0010088	Development	Development	phloem development	P	AT3G01680
21305	4	F23 vs. M23	F2-3	GO:0090449	Development	Development	phloem glucosinolate loading	P	AT3G47960
21306	4	F23 vs. M23	F2-3	GO:0090449	Development	Development	phloem glucosinolate loading	P	AT5G62680
21307	4	F23 vs. M23	F2-3	GO:0009524	Development	Development	phragmoplast	C	AT2G19770
21308	4	F23 vs. M23	F2-3	GO:0099402	Development	Development	plant organ development	P	AT3G02470
21309	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT2G30490
21310	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT2G39700
21311	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT3G16240
21312	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT3G18080
21313	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT3G49110
21314	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT5G11420
21315	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT1G01980
21316	4	F23 vs. M23	F2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT1G26770
21317	4	F23 vs. M23	F2-3	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT3G13870
21318	4	F23 vs. M23	F2-3	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G64740
21319	4	F23 vs. M23	F2-3	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G65810

21320	4	F23 vs. M23	F2-3	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT2G39700
21321	4	F23 vs. M23	F2-3	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT3G29030
21322	4	F23 vs. M23	F2-3	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G20190
21323	4	F23 vs. M23	F2-3	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G26770
21324	4	F23 vs. M23	F2-3	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G39700
21325	4	F23 vs. M23	F2-3	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29030
21326	4	F23 vs. M23	F2-3	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G20190
21327	4	F23 vs. M23	F2-3	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G26770
21328	4	F23 vs. M23	F2-3	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G65810
21329	4	F23 vs. M23	F2-3	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT5G05170
21330	4	F23 vs. M23	F2-3	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT5G64740
21331	4	F23 vs. M23	F2-3	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT5G05170
21332	4	F23 vs. M23	F2-3	GO:0000325	Development	Development	plant-type vacuole	C	AT3G58730
21333	4	F23 vs. M23	F2-3	GO:0000325	Development	Development	plant-type vacuole	C	AT4G35350
21334	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G36830
21335	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G38170
21336	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G48020
21337	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G16240
21338	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G51490
21339	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G57330
21340	4	F23 vs. M23	F2-3	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G49890
21341	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G03050
21342	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G55570
21343	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G61290
21344	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G64060
21345	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G64740
21346	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G03550
21347	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G66950
21348	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G68570
21349	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G70310
21350	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G70490
21351	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G70730
21352	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G72180
21353	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G76030
21354	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G76160
21355	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G79340
21356	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G80660
21357	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G80760
21358	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G01320
21359	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G06890
21360	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G02990
21361	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G07560
21362	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G10940
21363	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G16750
21364	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G17220
21365	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G18470
21366	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G20870
21367	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G21480
21368	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G21880
21369	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G22950
21370	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G30440
21371	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G30490
21372	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G31500
21373	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G36880
21374	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G37180
21375	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G37970

21376	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G38460
21377	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G12110
21378	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G39130
21379	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G41860
21380	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G44060
21381	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G45800
21382	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G47040
21383	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G01500
21384	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G03770
21385	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G03780
21386	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G13890
21387	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G03800
21388	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G04120
21389	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G06510
21390	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G08510
21391	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G09440
21392	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G11420
21393	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G12620
21394	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G13390
21395	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G13400
21396	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G13870
21397	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G14880
21398	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G14310
21399	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G16100
21400	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G16240
21401	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G17390
21402	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G17820
21403	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G18780
21404	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G20865
21405	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G21180
21406	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G23810
21407	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G16310
21408	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G28180
21409	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G29060
21410	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G42640
21411	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G44990
21412	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G45780
21413	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G45870
21414	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G47960
21415	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G18150
21416	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G53960
21417	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G18660
21418	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G54700
21419	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G54950
21420	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G55100
21421	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G57330
21422	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G57680
21423	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G57690
21424	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G58730
21425	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G59350
21426	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G60330
21427	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G61230
21428	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G10060
21429	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G10120
21430	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G13800
21431	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G15620

21432	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G17530
21433	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G20890
21434	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G20823
21435	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G25040
21436	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G25100
21437	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G25900
21438	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G25950
21439	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G20850
21440	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G26470
21441	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G27720
21442	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G29350
21443	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G21980
21444	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G31700
21445	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G31750
21446	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G32260
21447	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G33010
21448	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G34050
21449	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G35350
21450	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G36250
21451	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G36490
21452	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G37550
21453	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G22710
21454	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G37990
21455	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G38740
21456	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G38970
21457	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G39110
21458	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G39640
21459	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G39955
21460	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G01780
21461	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G01410
21462	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G01430
21463	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G01600
21464	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G02790
21465	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G04140
21466	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G05170
21467	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G07460
21468	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G08000
21469	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G08100
21470	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G09660
21471	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G09810
21472	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G11420
21473	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G11960
21474	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G14380
21475	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G19450
21476	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G37300
21477	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G24400
21478	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G37810
21479	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G40730
21480	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G24520
21481	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G45840
21482	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G47910
21483	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G25240
21484	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G53250
21485	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G54160
21486	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G54250
21487	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G54980

21488	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G57350
21489	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G01980
21490	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G57800
21491	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G58060
21492	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G60660
21493	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G62680
21494	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G64740
21495	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G66070
21496	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G27970
21497	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G30360
21498	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G41830
21499	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G42470
21500	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G47530
21501	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G02850
21502	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G52190
21503	4	F23 vs. M23	F2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G55560
21504	4	F23 vs. M23	F2-3	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G37630
21505	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT1G77980
21506	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT2G22950
21507	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT2G30490
21508	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT2G37040
21509	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT3G21180
21510	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT3G48780
21511	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT3G55610
21512	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT1G19180
21513	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT4G17530
21514	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT4G24510
21515	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT5G39400
21516	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT1G42470
21517	4	F23 vs. M23	F2-3	GO:0009555	Development	Development	pollen development	P	AT1G53000
21518	4	F23 vs. M23	F2-3	GO:0010152	Development	Development	pollen maturation	P	AT1G77980
21519	4	F23 vs. M23	F2-3	GO:0090406	Development	Development	pollen tube	C	AT1G03050
21520	4	F23 vs. M23	F2-3	GO:0090406	Development	Development	pollen tube	C	AT2G47040
21521	4	F23 vs. M23	F2-3	GO:0090406	Development	Development	pollen tube	C	AT3G07960
21522	4	F23 vs. M23	F2-3	GO:0090406	Development	Development	pollen tube	C	AT3G62170
21523	4	F23 vs. M23	F2-3	GO:0090406	Development	Development	pollen tube	C	AT5G07410
21524	4	F23 vs. M23	F2-3	GO:0090406	Development	Development	pollen tube	C	AT5G45840
21525	4	F23 vs. M23	F2-3	GO:0090404	Development	Development	pollen tube tip	C	AT1G03050
21526	4	F23 vs. M23	F2-3	GO:0090404	Development	Development	pollen tube tip	C	AT3G21700
21527	4	F23 vs. M23	F2-3	GO:0010208	Development	Development	pollen wall assembly	P	AT2G13680
21528	4	F23 vs. M23	F2-3	GO:0010208	Development	Development	pollen wall assembly	P	AT5G14380
21529	4	F23 vs. M23	F2-3	GO:0009791	Development	Development	post-embryonic development	P	AT4G39800
21530	4	F23 vs. M23	F2-3	GO:0080022	Development	Development	primary root development	P	AT3G29030
21531	4	F23 vs. M23	F2-3	GO:0000326	Development	Development	protein storage vacuole	C	AT2G36830
21532	4	F23 vs. M23	F2-3	GO:0000326	Development	Development	protein storage vacuole	C	AT3G16240
21533	4	F23 vs. M23	F2-3	GO:0009946	Development	Development	proximal/distal axis specification	P	AT2G37630
21534	4	F23 vs. M23	F2-3	GO:0055038	Development	Development	recycling endosome membrane	C	AT1G03550
21535	4	F23 vs. M23	F2-3	GO:0048364	Development	Development	root development	P	AT2G18470
21536	4	F23 vs. M23	F2-3	GO:0048364	Development	Development	root development	P	AT5G09810
21537	4	F23 vs. M23	F2-3	GO:0048364	Development	Development	root development	P	AT5G17400
21538	4	F23 vs. M23	F2-3	GO:0048364	Development	Development	root development	P	AT1G32640
21539	4	F23 vs. M23	F2-3	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT3G13870
21540	4	F23 vs. M23	F2-3	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT3G18780
21541	4	F23 vs. M23	F2-3	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT5G09810
21542	4	F23 vs. M23	F2-3	GO:0048768	Development	Development	root hair cell tip growth	P	AT3G05580
21543	4	F23 vs. M23	F2-3	GO:0048768	Development	Development	root hair cell tip growth	P	AT3G18780

21544	4	F23 vs. M23	F2-3	GO:0048767	Development	Development	root hair elongation	P	AT3G18780
21545	4	F23 vs. M23	F2-3	GO:0048767	Development	Development	root hair elongation	P	AT5G09810
21546	4	F23 vs. M23	F2-3	GO:0048767	Development	Development	root hair elongation	P	AT5G60660
21547	4	F23 vs. M23	F2-3	GO:0010214	Development	Development	seed coat development	P	AT1G63930
21548	4	F23 vs. M23	F2-3	GO:0010214	Development	Development	seed coat development	P	AT2G22900
21549	4	F23 vs. M23	F2-3	GO:0010214	Development	Development	seed coat development	P	AT1G53500
21550	4	F23 vs. M23	F2-3	GO:0048316	Development	Development	seed development	P	AT3G04120
21551	4	F23 vs. M23	F2-3	GO:0048316	Development	Development	seed development	P	AT3G61880
21552	4	F23 vs. M23	F2-3	GO:0048316	Development	Development	seed development	P	AT4G34710
21553	4	F23 vs. M23	F2-3	GO:0048316	Development	Development	seed development	P	AT5G17400
21554	4	F23 vs. M23	F2-3	GO:0009845	Development	Development	seed germination	P	AT2G18470
21555	4	F23 vs. M23	F2-3	GO:0009845	Development	Development	seed germination	P	AT4G32320
21556	4	F23 vs. M23	F2-3	GO:0009845	Development	Development	seed germination	P	AT5G09810
21557	4	F23 vs. M23	F2-3	GO:0010431	Development	Development	seed maturation	P	AT4G32320
21558	4	F23 vs. M23	F2-3	GO:0048367	Development	Development	shoot system development	P	AT5G17400
21559	4	F23 vs. M23	F2-3	GO:0010093	Development	Development	specification of floral organ identity	P	AT3G54340
21560	4	F23 vs. M23	F2-3	GO:0010093	Development	Development	specification of floral organ identity	P	AT5G20240
21561	4	F23 vs. M23	F2-3	GO:0090701	Development	Development	specification of plant organ identity	P	AT4G37180
21562	4	F23 vs. M23	F2-3	GO:0048443	Development	Development	stamen development	P	AT3G54340
21563	4	F23 vs. M23	F2-3	GO:0010374	Development	Development	stomatal complex development	P	AT1G32640
21564	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT1G67280
21565	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT1G09340
21566	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT2G20890
21567	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT2G39730
21568	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT2G47730
21569	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT3G01500
21570	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT1G16880
21571	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT3G54050
21572	4	F23 vs. M23	F2-3	GO:0010319	Development	Development	stromule	C	AT5G61410
21573	4	F23 vs. M23	F2-3	GO:0005199	Development	Development	structural constituent of cell wall	F	AT1G26770
21574	4	F23 vs. M23	F2-3	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT1G64740
21575	4	F23 vs. M23	F2-3	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G18780
21576	4	F23 vs. M23	F2-3	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G46520
21577	4	F23 vs. M23	F2-3	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT4G20890
21578	4	F23 vs. M23	F2-3	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G09810
21579	4	F23 vs. M23	F2-3	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G59370
21580	4	F23 vs. M23	F2-3	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT1G03550
21581	4	F23 vs. M23	F2-3	GO:0010090	Development	Development	trichome morphogenesis	P	AT1G56580
21582	4	F23 vs. M23	F2-3	GO:0048629	Development	Development	trichome patterning	P	AT4G00480
21583	4	F23 vs. M23	F2-3	GO:0007021	Development	Development	tubulin complex assembly	P	AT2G18390
21584	4	F23 vs. M23	F2-3	GO:0007021	Development	Development	tubulin complex assembly	P	AT3G60740
21585	4	F23 vs. M23	F2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G68530
21586	4	F23 vs. M23	F2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G39700
21587	4	F23 vs. M23	F2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G29030
21588	4	F23 vs. M23	F2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G49110
21589	4	F23 vs. M23	F2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G20190
21590	4	F23 vs. M23	F2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G26770
21591	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G76030
21592	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G80660
21593	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G21880
21594	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G30490
21595	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36830
21596	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G38170
21597	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G39130
21598	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G47730
21599	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G48020

21600	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G13860
21601	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04120
21602	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G08560
21603	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G09440
21604	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G13870
21605	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16100
21606	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16240
21607	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G16310
21608	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G57330
21609	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G58730
21610	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT4G01470
21611	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT4G20890
21612	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT5G13490
21613	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT5G19760
21614	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT5G49890
21615	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT5G52450
21616	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G30360
21617	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G47530
21618	4	F23 vs. M23	F2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G51420
21619	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G66200
21620	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G70490
21621	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G76030
21622	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G09340
21623	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G21880
21624	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G24820
21625	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G28520
21626	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G36830
21627	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G37970
21628	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G38170
21629	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G44120
21630	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT2G48020
21631	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G08560
21632	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G09440
21633	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G14880
21634	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G16240
21635	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G23810
21636	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G45010
21637	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G45780
21638	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G49110
21639	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G57330
21640	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT3G58730
21641	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT4G10060
21642	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT4G17530
21643	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT4G24640
21644	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT4G25950
21645	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT4G35010
21646	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT4G37550
21647	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G22710
21648	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G22750
21649	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT5G08260
21650	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT5G09660
21651	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G23310
21652	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT5G15160
21653	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT5G25980
21654	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G27100
21655	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G30360

21656	4	F23 vs. M23	F2-3	GO:0005773	Development	Development	vacuole	C	AT1G44170
21657	4	F23 vs. M23	F2-3	GO:0001944	Development	Development	vasculature development	P	AT4G17500
21658	4	F23 vs. M23	F2-3	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G01520
21659	4	F23 vs. M23	F2-3	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G42200
21660	4	F23 vs. M23	F2-3	GO:0006900	Development	Development	vesicle budding from membrane	P	AT1G03050
21661	4	F23 vs. M23	F2-3	GO:0006900	Development	Development	vesicle budding from membrane	P	AT1G25240
21662	4	F23 vs. M23	F2-3	GO:0048278	Development	Development	vesicle docking	P	AT1G61290
21663	4	F23 vs. M23	F2-3	GO:0048278	Development	Development	vesicle docking	P	AT3G03800
21664	4	F23 vs. M23	F2-3	GO:0006906	Development	Development	vesicle fusion	P	AT1G61290
21665	4	F23 vs. M23	F2-3	GO:0006906	Development	Development	vesicle fusion	P	AT3G03800
21666	4	F23 vs. M23	F2-3	GO:0006906	Development	Development	vesicle fusion	P	AT1G15880
21667	4	F23 vs. M23	F2-3	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT4G08150
21668	4	F23 vs. M23	F2-3	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT1G68530
21669	4	F23 vs. M23	F2-3	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT1G68530
21670	4	F23 vs. M23	F2-3	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT1G68530
21671	4	F23 vs. M23	F2-3	GO:0010327	Metabolism	Bioenergetics	acetyl CoA:(Z)-3-hexen-1-ol acetyltransferase activity	F	AT3G03480
21672	4	F23 vs. M23	F2-3	GO:0047617	Metabolism	Bioenergetics	acyl-CoA hydrolase activity	F	AT3G54950
21673	4	F23 vs. M23	F2-3	GO:0003996	Metabolism	Bioenergetics	acyl-CoA ligase activity	F	AT4G11030
21674	4	F23 vs. M23	F2-3	GO:0003997	Metabolism	Bioenergetics	acyl-CoA oxidase activity	F	AT3G06690
21675	4	F23 vs. M23	F2-3	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT2G39730
21676	4	F23 vs. M23	F2-3	GO:0080041	Metabolism	Bioenergetics	ADP-ribose pyrophosphohydrolase activity	F	AT2G29630
21677	4	F23 vs. M23	F2-3	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT5G40650
21678	4	F23 vs. M23	F2-3	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG00430
21679	4	F23 vs. M23	F2-3	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37760
21680	4	F23 vs. M23	F2-3	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37770
21681	4	F23 vs. M23	F2-3	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT3G04000
21682	4	F23 vs. M23	F2-3	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G24503
21683	4	F23 vs. M23	F2-3	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G48000
21684	4	F23 vs. M23	F2-3	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT4G36250
21685	4	F23 vs. M23	F2-3	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT1G44170
21686	4	F23 vs. M23	F2-3	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37760
21687	4	F23 vs. M23	F2-3	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37770
21688	4	F23 vs. M23	F2-3	GO:0004033	Metabolism	Bioenergetics	aldo-keto reductase (NADP) activity	F	AT2G37760
21689	4	F23 vs. M23	F2-3	GO:0004033	Metabolism	Bioenergetics	aldo-keto reductase (NADP) activity	F	AT2G37770
21690	4	F23 vs. M23	F2-3	GO:0004556	Metabolism	Bioenergetics	alpha-amylase activity	F	AT1G76130
21691	4	F23 vs. M23	F2-3	GO:0103025	Metabolism	Bioenergetics	alpha-amylase activity (releasing maltohexaose)	F	AT1G76130
21692	4	F23 vs. M23	F2-3	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G37300
21693	4	F23 vs. M23	F2-3	GO:0047681	Metabolism	Bioenergetics	aryl-alcohol dehydrogenase (NADP+) activity	F	AT4G37990
21694	4	F23 vs. M23	F2-3	GO:0046034	Metabolism	Bioenergetics	ATP metabolic process	P	AT1G76030
21695	4	F23 vs. M23	F2-3	GO:0003879	Metabolism	Bioenergetics	ATP phosphoribosyltransferase activity	F	AT1G58080
21696	4	F23 vs. M23	F2-3	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	AT4G32260
21697	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G66950
21698	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G01320
21699	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07560
21700	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G28520
21701	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G09440
21702	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G42640
21703	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G55100
21704	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G02270
21705	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G42270
21706	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G57350
21707	4	F23 vs. M23	F2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G61700

21708	4	F23 vs. M23	F2-3	GO:0042623	Metabolism	Bioenergetics	ATPase activity, coupled	F	AT3G09440
21709	4	F23 vs. M23	F2-3	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	AT2G28520
21710	4	F23 vs. M23	F2-3	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT3G23920
21711	4	F23 vs. M23	F2-3	GO:0042409	Metabolism	Bioenergetics	caffeoyl-CoA O-methyltransferase activity	F	AT4G34050
21712	4	F23 vs. M23	F2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G64390
21713	4	F23 vs. M23	F2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G73040
21714	4	F23 vs. M23	F2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G19840
21715	4	F23 vs. M23	F2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G35010
21716	4	F23 vs. M23	F2-3	GO:0016051	Metabolism	Bioenergetics	carbohydrate biosynthetic process	P	AT3G55800
21717	4	F23 vs. M23	F2-3	GO:1901135	Metabolism	Bioenergetics	carbohydrate derivative metabolic process	P	AT3G54690
21718	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G60590
21719	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G70730
21720	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G76130
21721	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G23900
21722	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G06510
21723	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07820
21724	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07830
21725	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07840
21726	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07850
21727	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G18080
21728	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G29360
21729	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G54690
21730	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G62710
21731	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G25900
21732	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G35010
21733	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G15490
21734	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G20940
21735	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G25980
21736	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G48140
21737	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G02790
21738	4	F23 vs. M23	F2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G02850
21739	4	F23 vs. M23	F2-3	GO:0044262	Metabolism	Bioenergetics	cellular carbohydrate metabolic process	P	AT5G61410
21740	4	F23 vs. M23	F2-3	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT4G26970
21741	4	F23 vs. M23	F2-3	GO:0015936	Metabolism	Bioenergetics	coenzyme A metabolic process	P	AT1G76490
21742	4	F23 vs. M23	F2-3	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G76490
21743	4	F23 vs. M23	F2-3	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G09340
21744	4	F23 vs. M23	F2-3	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT3G63140
21745	4	F23 vs. M23	F2-3	GO:0102391	Metabolism	Bioenergetics	decanoate-CoA ligase activity	F	AT4G11030
21746	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G60950
21747	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G54660
21748	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G62960
21749	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G15700
21750	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G18600
21751	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G40650
21752	4	F23 vs. M23	F2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G50940
21753	4	F23 vs. M23	F2-3	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATCG00430
21754	4	F23 vs. M23	F2-3	GO:0031314	Metabolism	Bioenergetics	extrinsic component of mitochondrial inner membrane	C	AT3G03420
21755	4	F23 vs. M23	F2-3	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT3G07560
21756	4	F23 vs. M23	F2-3	GO:0033539	Metabolism	Bioenergetics	fatty acid beta-oxidation using acyl-CoA dehydrogenase	P	AT1G50940
21757	4	F23 vs. M23	F2-3	GO:0033540	Metabolism	Bioenergetics	fatty acid beta-oxidation using acyl-CoA oxidase	P	AT3G06690
21758	4	F23 vs. M23	F2-3	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT3G06690
21759	4	F23 vs. M23	F2-3	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT3G53980
21760	4	F23 vs. M23	F2-3	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G68530
21761	4	F23 vs. M23	F2-3	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT4G11030

21762	4	F23 vs. M23	F2-3	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G63710
21763	4	F23 vs. M23	F2-3	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G01600
21764	4	F23 vs. M23	F2-3	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G00360
21765	4	F23 vs. M23	F2-3	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G11030
21766	4	F23 vs. M23	F2-3	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G15440
21767	4	F23 vs. M23	F2-3	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT5G20410
21768	4	F23 vs. M23	F2-3	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT3G54050
21769	4	F23 vs. M23	F2-3	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT3G55800
21770	4	F23 vs. M23	F2-3	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT2G21330
21771	4	F23 vs. M23	F2-3	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G04120
21772	4	F23 vs. M23	F2-3	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G54050
21773	4	F23 vs. M23	F2-3	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G55800
21774	4	F23 vs. M23	F2-3	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT4G38970
21775	4	F23 vs. M23	F2-3	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G70730
21776	4	F23 vs. M23	F2-3	GO:0047938	Metabolism	Bioenergetics	glucose-6-phosphate 1-epimerase activity	F	AT4G25900
21777	4	F23 vs. M23	F2-3	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G24503
21778	4	F23 vs. M23	F2-3	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G48000
21779	4	F23 vs. M23	F2-3	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT4G36250
21780	4	F23 vs. M23	F2-3	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT1G44170
21781	4	F23 vs. M23	F2-3	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G04120
21782	4	F23 vs. M23	F2-3	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT3G04120
21783	4	F23 vs. M23	F2-3	GO:0004373	Metabolism	Bioenergetics	glycogen (starch) synthase activity	F	AT3G01180
21784	4	F23 vs. M23	F2-3	GO:0008891	Metabolism	Bioenergetics	glycolate oxidase activity	F	AT3G14420
21785	4	F23 vs. M23	F2-3	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G21330
21786	4	F23 vs. M23	F2-3	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G04120
21787	4	F23 vs. M23	F2-3	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G13930
21788	4	F23 vs. M23	F2-3	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT4G38970
21789	4	F23 vs. M23	F2-3	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT4G26970
21790	4	F23 vs. M23	F2-3	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT5G09660
21791	4	F23 vs. M23	F2-3	GO:0030267	Metabolism	Bioenergetics	glyoxylate reductase (NADP) activity	F	AT1G68010
21792	4	F23 vs. M23	F2-3	GO:0050505	Metabolism	Bioenergetics	hydroquinone glucosyltransferase activity	F	AT4G01070
21793	4	F23 vs. M23	F2-3	GO:0004420	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase (NADPH) activity	F	AT1G76490
21794	4	F23 vs. M23	F2-3	GO:0042282	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase activity	F	AT1G76490
21795	4	F23 vs. M23	F2-3	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT4G05590
21796	4	F23 vs. M23	F2-3	GO:0031307	Metabolism	Bioenergetics	integral component of mitochondrial outer membrane	C	AT1G53000
21797	4	F23 vs. M23	F2-3	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT4G26970
21798	4	F23 vs. M23	F2-3	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT3G45140
21799	4	F23 vs. M23	F2-3	GO:0030060	Metabolism	Bioenergetics	L-malate dehydrogenase activity	F	AT5G09660
21800	4	F23 vs. M23	F2-3	GO:0004467	Metabolism	Bioenergetics	long-chain fatty acid-CoA ligase activity	F	AT4G11030
21801	4	F23 vs. M23	F2-3	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT3G14420
21802	4	F23 vs. M23	F2-3	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G37300
21803	4	F23 vs. M23	F2-3	GO:0016615	Metabolism	Bioenergetics	malate dehydrogenase activity	F	AT5G09660
21804	4	F23 vs. M23	F2-3	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G09660
21805	4	F23 vs. M23	F2-3	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT5G40650
21806	4	F23 vs. M23	F2-3	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT3G04120

21807	4	F23 vs. M23	F2-3	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT5G13490
21808	4	F23 vs. M23	F2-3	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G13490
21809	4	F23 vs. M23	F2-3	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G17400
21810	4	F23 vs. M23	F2-3	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G19760
21811	4	F23 vs. M23	F2-3	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G13930
21812	4	F23 vs. M23	F2-3	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G48000
21813	4	F23 vs. M23	F2-3	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G04140
21814	4	F23 vs. M23	F2-3	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G50940
21815	4	F23 vs. M23	F2-3	GO:0034982	Metabolism	Bioenergetics	mitochondrial protein processing	P	AT3G03420
21816	4	F23 vs. M23	F2-3	GO:0033615	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex assembly	P	AT3G03420
21817	4	F23 vs. M23	F2-3	GO:0006850	Metabolism	Bioenergetics	mitochondrial pyruvate transmembrane transport	P	AT4G05590
21818	4	F23 vs. M23	F2-3	GO:0005746	Metabolism	Bioenergetics	mitochondrial respirasome	C	AT2G47380
21819	4	F23 vs. M23	F2-3	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT5G40650
21820	4	F23 vs. M23	F2-3	GO:0033617	Metabolism	Bioenergetics	mitochondrial respiratory chain complex IV assembly	P	AT4G14615
21821	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G62250
21822	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G64680
21823	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G66200
21824	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G66950
21825	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G67280
21826	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68010
21827	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68530
21828	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70310
21829	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70490
21830	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70580
21831	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70730
21832	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72610
21833	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73390
21834	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G76030
21835	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78320
21836	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79340
21837	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80660
21838	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01320
21839	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01520
21840	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01670
21841	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02130
21842	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G04039
21843	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07708
21844	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G10940
21845	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G15620
21846	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19330
21847	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19770
21848	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20470
21849	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20890
21850	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21330
21851	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G29370
21852	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G11860
21853	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35370
21854	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G38110
21855	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47380
21856	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03420
21857	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03430
21858	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G04120
21859	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G13970

21860	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G08730
21861	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14560
21862	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G13930
21863	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20190
21864	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G21700
21865	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G25140
21866	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G45870
21867	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G46520
21868	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48000
21869	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G54660
21870	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55610
21871	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G61160
21872	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01600
21873	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G00880
21874	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05590
21875	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12030
21876	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G14615
21877	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G15620
21878	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G21490
21879	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24380
21880	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G25100
21881	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G26970
21882	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G31330
21883	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G31700
21884	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G33010
21885	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G39030
21886	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G22750
21887	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G01600
21888	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G04140
21889	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G09810
21890	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13490
21891	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G17400
21892	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G17480
21893	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G19760
21894	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G23060
21895	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G24120
21896	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G37300
21897	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G38710
21898	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40650
21899	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43745
21900	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G51720
21901	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G54780
21902	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G57785
21903	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G59370
21904	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G61710
21905	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G65685
21906	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G29470
21907	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02205
21908	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G49670
21909	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G50940
21910	4	F23 vs. M23	F2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G53000
21911	4	F23 vs. M23	F2-3	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G68010
21912	4	F23 vs. M23	F2-3	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G04120
21913	4	F23 vs. M23	F2-3	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G29360
21914	4	F23 vs. M23	F2-3	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G15490
21915	4	F23 vs. M23	F2-3	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT5G39210

21916	4	F23 vs. M23	F2-3	GO:0010275	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex assembly	P	AT2G47910
21917	4	F23 vs. M23	F2-3	GO:0010275	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex assembly	P	AT5G39210
21918	4	F23 vs. M23	F2-3	GO:0016174	Metabolism	Bioenergetics	NAD(P)H oxidase activity	F	AT1G64060
21919	4	F23 vs. M23	F2-3	GO:0016174	Metabolism	Bioenergetics	NAD(P)H oxidase activity	F	AT5G47910
21920	4	F23 vs. M23	F2-3	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00420
21921	4	F23 vs. M23	F2-3	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00430
21922	4	F23 vs. M23	F2-3	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT4G21490
21923	4	F23 vs. M23	F2-3	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG00430
21924	4	F23 vs. M23	F2-3	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G58290
21925	4	F23 vs. M23	F2-3	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G04120
21926	4	F23 vs. M23	F2-3	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G54660
21927	4	F23 vs. M23	F2-3	GO:0070401	Metabolism	Bioenergetics	NADP+ binding	F	AT2G37760
21928	4	F23 vs. M23	F2-3	GO:0070401	Metabolism	Bioenergetics	NADP+ binding	F	AT2G37770
21929	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G55570
21930	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G76160
21931	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G23910
21932	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G29370
21933	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G34810
21934	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37760
21935	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37770
21936	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13390
21937	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13400
21938	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G30470
21939	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G16010
21940	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G57800
21941	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G30700
21942	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G41830
21943	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G49670
21944	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G50940
21945	4	F23 vs. M23	F2-3	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G55560
21946	4	F23 vs. M23	F2-3	GO:0016730	Metabolism	Bioenergetics	oxidoreductase activity, acting on iron-sulfur proteins as donors	F	AT4G11960
21947	4	F23 vs. M23	F2-3	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G15440
21948	4	F23 vs. M23	F2-3	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G30490
21949	4	F23 vs. M23	F2-3	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT1G16410
21950	4	F23 vs. M23	F2-3	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT3G61880
21951	4	F23 vs. M23	F2-3	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G13770
21952	4	F23 vs. M23	F2-3	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT5G36220
21953	4	F23 vs. M23	F2-3	GO:0016701	Metabolism	Bioenergetics	oxidoreductase activity, acting on single donors with incorporation of molecular oxygen	F	AT4G15093

21954	4	F23 vs. M23	F2-3	GO:0016627	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-CH group of donors	F	AT5G16010
21955	4	F23 vs. M23	F2-3	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT2G23910
21956	4	F23 vs. M23	F2-3	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G30470
21957	4	F23 vs. M23	F2-3	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G37990
21958	4	F23 vs. M23	F2-3	GO:0016899	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, oxygen as acceptor	F	AT1G01980
21959	4	F23 vs. M23	F2-3	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT2G21330
21960	4	F23 vs. M23	F2-3	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT4G38970
21961	4	F23 vs. M23	F2-3	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT3G04790
21962	4	F23 vs. M23	F2-3	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT5G61410
21963	4	F23 vs. M23	F2-3	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G68010
21964	4	F23 vs. M23	F2-3	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G70580
21965	4	F23 vs. M23	F2-3	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G35370
21966	4	F23 vs. M23	F2-3	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT5G04140
21967	4	F23 vs. M23	F2-3	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G23310
21968	4	F23 vs. M23	F2-3	GO:0045272	Metabolism	Bioenergetics	plasma membrane respiratory chain complex I	C	ATCG00430
21969	4	F23 vs. M23	F2-3	GO:1903942	Metabolism	Bioenergetics	positive regulation of respiratory gaseous exchange	P	AT5G65810
21970	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G76030
21971	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G80660
21972	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G07560
21973	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G28520
21974	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G08560
21975	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G42640
21976	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G60330
21977	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT4G25950
21978	4	F23 vs. M23	F2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT5G57350
21979	4	F23 vs. M23	F2-3	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT1G80660
21980	4	F23 vs. M23	F2-3	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT2G07560
21981	4	F23 vs. M23	F2-3	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G42640
21982	4	F23 vs. M23	F2-3	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G60330
21983	4	F23 vs. M23	F2-3	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT4G25950
21984	4	F23 vs. M23	F2-3	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT5G57350
21985	4	F23 vs. M23	F2-3	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	AT4G32260
21986	4	F23 vs. M23	F2-3	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT2G28520
21987	4	F23 vs. M23	F2-3	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT3G08560
21988	4	F23 vs. M23	F2-3	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT3G58730
21989	4	F23 vs. M23	F2-3	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT4G32260
21990	4	F23 vs. M23	F2-3	GO:0033178	Metabolism	Bioenergetics	proton-transporting two-sector ATPase complex, catalytic domain	C	AT3G08560
21991	4	F23 vs. M23	F2-3	GO:0033176	Metabolism	Bioenergetics	proton-transporting V-type ATPase complex	C	AT3G58730

21992	4	F23 vs. M23	F2-3	GO:0070070	Metabolism	Bioenergetics	proton-transporting V-type ATPase complex assembly	P	AT2G28520
21993	4	F23 vs. M23	F2-3	GO:0033180	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V1 domain	C	AT1G76030
21994	4	F23 vs. M23	F2-3	GO:0045254	Metabolism	Bioenergetics	pyruvate dehydrogenase complex	C	AT3G13930
21995	4	F23 vs. M23	F2-3	GO:0006090	Metabolism	Bioenergetics	pyruvate metabolic process	P	AT4G15530
21996	4	F23 vs. M23	F2-3	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G04790
21997	4	F23 vs. M23	F2-3	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G54050
21998	4	F23 vs. M23	F2-3	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G55800
21999	4	F23 vs. M23	F2-3	GO:0043255	Metabolism	Bioenergetics	regulation of carbohydrate biosynthetic process	P	AT5G05170
22000	4	F23 vs. M23	F2-3	GO:0031998	Metabolism	Bioenergetics	regulation of fatty acid beta-oxidation	P	AT5G09660
22001	4	F23 vs. M23	F2-3	GO:0080093	Metabolism	Bioenergetics	regulation of photorespiration	P	AT5G09660
22002	4	F23 vs. M23	F2-3	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	ATCG00430
22003	4	F23 vs. M23	F2-3	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT5G40650
22004	4	F23 vs. M23	F2-3	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	AT5G40650
22005	4	F23 vs. M23	F2-3	GO:0102419	Metabolism	Bioenergetics	sn-2-glycerol-3-phosphate omega-OH-C22:0-CoA acyl transferase activity	F	AT2G38110
22006	4	F23 vs. M23	F2-3	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G01180
22007	4	F23 vs. M23	F2-3	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G55800
22008	4	F23 vs. M23	F2-3	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT3G23920
22009	4	F23 vs. M23	F2-3	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT3G01180
22010	4	F23 vs. M23	F2-3	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT5G65685
22011	4	F23 vs. M23	F2-3	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT5G40650
22012	4	F23 vs. M23	F2-3	GO:0045281	Metabolism	Bioenergetics	succinate dehydrogenase complex	C	AT5G40650
22013	4	F23 vs. M23	F2-3	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT2G35840
22014	4	F23 vs. M23	F2-3	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G54050
22015	4	F23 vs. M23	F2-3	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G55800
22016	4	F23 vs. M23	F2-3	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT1G51420
22017	4	F23 vs. M23	F2-3	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT3G54050
22018	4	F23 vs. M23	F2-3	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT1G22710
22019	4	F23 vs. M23	F2-3	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT4G10120
22020	4	F23 vs. M23	F2-3	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT4G26970
22021	4	F23 vs. M23	F2-3	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G09660
22022	4	F23 vs. M23	F2-3	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G40650
22023	4	F23 vs. M23	F2-3	GO:0006744	Metabolism	Bioenergetics	ubiquinone biosynthetic process	P	AT2G30490
22024	4	F23 vs. M23	F2-3	GO:0016471	Metabolism	Bioenergetics	vacuolar proton-transporting V-type ATPase complex	C	AT2G28520
22025	4	F23 vs. M23	F2-3	GO:0016471	Metabolism	Bioenergetics	vacuolar proton-transporting V-type ATPase complex	C	AT4G25950
22026	4	F23 vs. M23	F2-3	GO:0000220	Metabolism	Bioenergetics	vacuolar proton-transporting V-type ATPase, V0 domain	C	AT2G28520
22027	4	F23 vs. M23	F2-3	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT4G24510
22028	4	F23 vs. M23	F2-3	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT1G68530
22029	4	F23 vs. M23	F2-3	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT1G68530
22030	4	F23 vs. M23	F2-3	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14420
22031	4	F23 vs. M23	F2-3	GO:0046185	Metabolism	Catabolism	aldehyde catabolic process	P	AT1G02205
22032	4	F23 vs. M23	F2-3	GO:0071771	Metabolism	Catabolism	aldehyde decarbonylase activity	F	AT1G02205
22033	4	F23 vs. M23	F2-3	GO:0043447	Metabolism	Catabolism	alkane biosynthetic process	P	AT5G57800
22034	4	F23 vs. M23	F2-3	GO:0043447	Metabolism	Catabolism	alkane biosynthetic process	P	AT1G02205
22035	4	F23 vs. M23	F2-3	GO:0006527	Metabolism	Catabolism	arginine catabolic process	P	AT4G34710
22036	4	F23 vs. M23	F2-3	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G01500
22037	4	F23 vs. M23	F2-3	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G52720
22038	4	F23 vs. M23	F2-3	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT2G36870
22039	4	F23 vs. M23	F2-3	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT2G43590
22040	4	F23 vs. M23	F2-3	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT3G44990
22041	4	F23 vs. M23	F2-3	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G64390
22042	4	F23 vs. M23	F2-3	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT2G43590

22043	4	F23 vs. M23	F2-3	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT2G20890
22044	4	F23 vs. M23	F2-3	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT5G13800
22045	4	F23 vs. M23	F2-3	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT1G15470
22046	4	F23 vs. M23	F2-3	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT3G01500
22047	4	F23 vs. M23	F2-3	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G79340
22048	4	F23 vs. M23	F2-3	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G20850
22049	4	F23 vs. M23	F2-3	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G35350
22050	4	F23 vs. M23	F2-3	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT2G30440
22051	4	F23 vs. M23	F2-3	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G57680
22052	4	F23 vs. M23	F2-3	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT2G02990
22053	4	F23 vs. M23	F2-3	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT4G21280
22054	4	F23 vs. M23	F2-3	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G70730
22055	4	F23 vs. M23	F2-3	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G09340
22056	4	F23 vs. M23	F2-3	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT3G63140
22057	4	F23 vs. M23	F2-3	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT1G09340
22058	4	F23 vs. M23	F2-3	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT3G63140
22059	4	F23 vs. M23	F2-3	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT5G25980
22060	4	F23 vs. M23	F2-3	GO:0006538	Metabolism	Catabolism	glutamate catabolic process	P	AT1G65960
22061	4	F23 vs. M23	F2-3	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G31290
22062	4	F23 vs. M23	F2-3	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G39640
22063	4	F23 vs. M23	F2-3	GO:0006546	Metabolism	Catabolism	glycine catabolic process	P	AT4G33010
22064	4	F23 vs. M23	F2-3	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT4G26260
22065	4	F23 vs. M23	F2-3	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT5G56640
22066	4	F23 vs. M23	F2-3	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G70580
22067	4	F23 vs. M23	F2-3	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G23310
22068	4	F23 vs. M23	F2-3	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G13810
22069	4	F23 vs. M23	F2-3	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G39730
22070	4	F23 vs. M23	F2-3	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G24530
22071	4	F23 vs. M23	F2-3	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G51720
22072	4	F23 vs. M23	F2-3	GO:0046274	Metabolism	Catabolism	lignin catabolic process	P	AT2G37040
22073	4	F23 vs. M23	F2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G58430
22074	4	F23 vs. M23	F2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G75880
22075	4	F23 vs. M23	F2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G08510
22076	4	F23 vs. M23	F2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G54950
22077	4	F23 vs. M23	F2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G28780
22078	4	F23 vs. M23	F2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G33370
22079	4	F23 vs. M23	F2-3	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT2G37040
22080	4	F23 vs. M23	F2-3	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT5G36160
22081	4	F23 vs. M23	F2-3	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G20850
22082	4	F23 vs. M23	F2-3	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G35350
22083	4	F23 vs. M23	F2-3	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT3G03420
22084	4	F23 vs. M23	F2-3	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT5G42270
22085	4	F23 vs. M23	F2-3	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT5G20620
22086	4	F23 vs. M23	F2-3	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT1G64060
22087	4	F23 vs. M23	F2-3	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT3G57330
22088	4	F23 vs. M23	F2-3	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT5G47910
22089	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G02720
22090	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G47040
22091	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G01270
22092	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G14310
22093	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G17060
22094	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G62170
22095	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G33220
22096	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07410
22097	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07420
22098	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07430

22099	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G15110
22100	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G55720
22101	4	F23 vs. M23	F2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G63180
22102	4	F23 vs. M23	F2-3	GO:0019323	Metabolism	Catabolism	pentose catabolic process	P	AT5G61410
22103	4	F23 vs. M23	F2-3	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G03200
22104	4	F23 vs. M23	F2-3	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G23970
22105	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G64060
22106	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G47730
22107	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G17790
22108	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G49110
22109	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT4G32320
22110	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G47000
22111	4	F23 vs. M23	F2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G47910
22112	4	F23 vs. M23	F2-3	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT1G76490
22113	4	F23 vs. M23	F2-3	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT3G07560
22114	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G68010
22115	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G70580
22116	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G74910
22117	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G09340
22118	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G29370
22119	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30490
22120	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31790
22121	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G06690
22122	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G14420
22123	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G09660
22124	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G23310
22125	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G25980
22126	4	F23 vs. M23	F2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G49670
22127	4	F23 vs. M23	F2-3	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT1G09340
22128	4	F23 vs. M23	F2-3	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT2G43590
22129	4	F23 vs. M23	F2-3	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT1G20850
22130	4	F23 vs. M23	F2-3	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT4G35350
22131	4	F23 vs. M23	F2-3	GO:0006562	Metabolism	Catabolism	proline catabolic process	P	AT5G38710
22132	4	F23 vs. M23	F2-3	GO:0010133	Metabolism	Catabolism	proline catabolic process to glutamate	P	AT5G38710
22133	4	F23 vs. M23	F2-3	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G56500
22134	4	F23 vs. M23	F2-3	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT2G03200
22135	4	F23 vs. M23	F2-3	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT4G04460
22136	4	F23 vs. M23	F2-3	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT5G42270
22137	4	F23 vs. M23	F2-3	GO:0016558	Metabolism	Catabolism	protein import into peroxisome matrix	P	AT3G07560
22138	4	F23 vs. M23	F2-3	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT1G56500
22139	4	F23 vs. M23	F2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G19660
22140	4	F23 vs. M23	F2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G20823
22141	4	F23 vs. M23	F2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G20620
22142	4	F23 vs. M23	F2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G64660
22143	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G03200
22144	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G23970
22145	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G00230
22146	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G04460
22147	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G07250
22148	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G42270
22149	4	F23 vs. M23	F2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G52580
22150	4	F23 vs. M23	F2-3	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G45010

22151	4	F23 vs. M23	F2-3	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G20850
22152	4	F23 vs. M23	F2-3	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G35350
22153	4	F23 vs. M23	F2-3	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G08260
22154	4	F23 vs. M23	F2-3	GO:0010304	Metabolism	Catabolism	PSII associated light-harvesting complex II catabolic process	P	AT5G42270
22155	4	F23 vs. M23	F2-3	GO:0006401	Metabolism	Catabolism	RNA catabolic process	P	AT2G02990
22156	4	F23 vs. M23	F2-3	GO:0046244	Metabolism	Catabolism	salicylic acid catabolic process	P	AT2G37040
22157	4	F23 vs. M23	F2-3	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT3G45010
22158	4	F23 vs. M23	F2-3	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT5G08260
22159	4	F23 vs. M23	F2-3	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT2G30440
22160	4	F23 vs. M23	F2-3	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT4G00230
22161	4	F23 vs. M23	F2-3	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G07250
22162	4	F23 vs. M23	F2-3	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G52580
22163	4	F23 vs. M23	F2-3	GO:0030149	Metabolism	Catabolism	sphingolipid catabolic process	P	AT1G27980
22164	4	F23 vs. M23	F2-3	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G36160
22165	4	F23 vs. M23	F2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G56500
22166	4	F23 vs. M23	F2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G19660
22167	4	F23 vs. M23	F2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G20823
22168	4	F23 vs. M23	F2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G66070
22169	4	F23 vs. M23	F2-3	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT5G20620
22170	4	F23 vs. M23	F2-3	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G20620
22171	4	F23 vs. M23	F2-3	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G64660
22172	4	F23 vs. M23	F2-3	GO:0030891	Metabolism	Catabolism	VCB complex	C	AT1G19660
22173	4	F23 vs. M23	F2-3	GO:0042178	Metabolism	Catabolism	xenobiotic catabolic process	P	AT4G01070
22174	4	F23 vs. M23	F2-3	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT3G62710
22175	4	F23 vs. M23	F2-3	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT5G47000
22176	4	F23 vs. M23	F2-3	GO:0034768	Metabolism	Metabolism	(E)-beta-ocimene synthase activity	F	AT2G24210
22177	4	F23 vs. M23	F2-3	GO:0102165	Metabolism	Metabolism	(Z)-3-hexen-1-ol acetyltransferase activity	F	AT3G03480
22178	4	F23 vs. M23	F2-3	GO:0046509	Metabolism	Metabolism	1,2-diacylglycerol 3-beta-galactosyltransferase activity	F	AT5G20410
22179	4	F23 vs. M23	F2-3	GO:0052865	Metabolism	Metabolism	1-deoxy-D-xylulose 5-phosphate biosynthetic process	P	AT4G15560
22180	4	F23 vs. M23	F2-3	GO:0008661	Metabolism	Metabolism	1-deoxy-D-xylulose-5-phosphate synthase activity	F	AT4G15560
22181	4	F23 vs. M23	F2-3	GO:0005545	Metabolism	Metabolism	1-phosphatidylinositol binding	F	AT1G03050
22182	4	F23 vs. M23	F2-3	GO:0005545	Metabolism	Metabolism	1-phosphatidylinositol binding	F	AT1G25240
22183	4	F23 vs. M23	F2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G60950
22184	4	F23 vs. M23	F2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT2G24820
22185	4	F23 vs. M23	F2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT4G15700
22186	4	F23 vs. M23	F2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G18600
22187	4	F23 vs. M23	F2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G40650
22188	4	F23 vs. M23	F2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G51720
22189	4	F23 vs. M23	F2-3	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G04140
22190	4	F23 vs. M23	F2-3	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G40650
22191	4	F23 vs. M23	F2-3	GO:0004028	Metabolism	Metabolism	3-chloroallyl aldehyde dehydrogenase activity	F	AT4G36250
22192	4	F23 vs. M23	F2-3	GO:0004028	Metabolism	Metabolism	3-chloroallyl aldehyde dehydrogenase activity	F	AT1G44170
22193	4	F23 vs. M23	F2-3	GO:0003849	Metabolism	Metabolism	3-deoxy-7-phosphoheptulonate synthase activity	F	AT1G22410
22194	4	F23 vs. M23	F2-3	GO:0008690	Metabolism	Metabolism	3-deoxy-manno-octulosonate cytidylyltransferase activity	F	AT1G53000
22195	4	F23 vs. M23	F2-3	GO:0080066	Metabolism	Metabolism	3-methylthiopropyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22196	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G15620
22197	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G29630
22198	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G15620

22199	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G25040
22200	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G26970
22201	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G40650
22202	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G54980
22203	4	F23 vs. M23	F2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG00430
22204	4	F23 vs. M23	F2-3	GO:0047443	Metabolism	Metabolism	4-hydroxy-4-methyl-2-oxoglutarate aldolase activity	F	AT5G16450
22205	4	F23 vs. M23	F2-3	GO:0047443	Metabolism	Metabolism	4-hydroxy-4-methyl-2-oxoglutarate aldolase activity	F	AT5G56260
22206	4	F23 vs. M23	F2-3	GO:0080067	Metabolism	Metabolism	4-methylthiobutyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22207	4	F23 vs. M23	F2-3	GO:0080081	Metabolism	Metabolism	4-methylumbelliferyl-beta-D-glucopyranoside beta-glucosidase activity	F	AT3G18080
22208	4	F23 vs. M23	F2-3	GO:0003871	Metabolism	Metabolism	5-methyltetrahydropteroyltriglutamate-homocysteine S-methyltransferase activity	F	AT3G03780
22209	4	F23 vs. M23	F2-3	GO:0080068	Metabolism	Metabolism	5-methylthiopentyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22210	4	F23 vs. M23	F2-3	GO:0080069	Metabolism	Metabolism	7-methylthioheptyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22211	4	F23 vs. M23	F2-3	GO:0080070	Metabolism	Metabolism	8-methylthiooctyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22212	4	F23 vs. M23	F2-3	GO:0017096	Metabolism	Metabolism	acetylserotonin O-methyltransferase activity	F	AT5G54160
22213	4	F23 vs. M23	F2-3	GO:0016407	Metabolism	Metabolism	acetyltransferase activity	F	AT3G13930
22214	4	F23 vs. M23	F2-3	GO:0016881	Metabolism	Metabolism	acid-amino acid ligase activity	F	AT2G23170
22215	4	F23 vs. M23	F2-3	GO:0003994	Metabolism	Metabolism	aconitate hydratase activity	F	AT4G26970
22216	4	F23 vs. M23	F2-3	GO:0003779	Metabolism	Metabolism	actin binding	F	AT4G25590
22217	4	F23 vs. M23	F2-3	GO:0003779	Metabolism	Metabolism	actin binding	F	AT5G52360
22218	4	F23 vs. M23	F2-3	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G76030
22219	4	F23 vs. M23	F2-3	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT2G45800
22220	4	F23 vs. M23	F2-3	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT3G61230
22221	4	F23 vs. M23	F2-3	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G21980
22222	4	F23 vs. M23	F2-3	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G01780
22223	4	F23 vs. M23	F2-3	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G76030
22224	4	F23 vs. M23	F2-3	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT2G45800
22225	4	F23 vs. M23	F2-3	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT3G61230
22226	4	F23 vs. M23	F2-3	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G01780
22227	4	F23 vs. M23	F2-3	GO:0051693	Metabolism	Metabolism	actin filament capping	P	AT1G76030
22228	4	F23 vs. M23	F2-3	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT4G25590
22229	4	F23 vs. M23	F2-3	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT5G52360
22230	4	F23 vs. M23	F2-3	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT1G54560
22231	4	F23 vs. M23	F2-3	GO:0030048	Metabolism	Metabolism	actin filament-based movement	P	AT1G54560
22232	4	F23 vs. M23	F2-3	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT2G19770
22233	4	F23 vs. M23	F2-3	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT4G29340
22234	4	F23 vs. M23	F2-3	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT4G29350
22235	4	F23 vs. M23	F2-3	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT1G21980
22236	4	F23 vs. M23	F2-3	GO:0008154	Metabolism	Metabolism	actin polymerization or depolymerization	P	AT4G29350
22237	4	F23 vs. M23	F2-3	GO:0047372	Metabolism	Metabolism	acylglycerol lipase activity	F	AT2G39420
22238	4	F23 vs. M23	F2-3	GO:0004013	Metabolism	Metabolism	adenosylhomocysteinase activity	F	AT3G23810
22239	4	F23 vs. M23	F2-3	GO:0004014	Metabolism	Metabolism	adenosylmethionine decarboxylase activity	F	AT3G02470
22240	4	F23 vs. M23	F2-3	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT1G70580
22241	4	F23 vs. M23	F2-3	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT1G23310
22242	4	F23 vs. M23	F2-3	GO:1990465	Metabolism	Metabolism	aldehyde oxygenase (deformylating) activity	F	AT5G57800
22243	4	F23 vs. M23	F2-3	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT1G63710
22244	4	F23 vs. M23	F2-3	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT1G01600
22245	4	F23 vs. M23	F2-3	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT4G00360
22246	4	F23 vs. M23	F2-3	GO:0046423	Metabolism	Metabolism	allene-oxide cyclase activity	F	AT3G25760
22247	4	F23 vs. M23	F2-3	GO:0033201	Metabolism	Metabolism	alpha-1,4-glucan synthase activity	F	AT3G01180
22248	4	F23 vs. M23	F2-3	GO:0016843	Metabolism	Metabolism	amine-lyase activity	F	AT5G01410

22249	4	F23 vs. M23	F2-3	GO:0004046	Metabolism	Metabolism	aminoacylase activity	F	AT1G44820
22250	4	F23 vs. M23	F2-3	GO:0004047	Metabolism	Metabolism	aminomethyltransferase activity	F	AT1G11860
22251	4	F23 vs. M23	F2-3	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G04140
22252	4	F23 vs. M23	F2-3	GO:0047668	Metabolism	Metabolism	amygdalin beta-glucosidase activity	F	AT3G18080
22253	4	F23 vs. M23	F2-3	GO:0010021	Metabolism	Metabolism	amylopectin biosynthetic process	P	AT3G01180
22254	4	F23 vs. M23	F2-3	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT3G23920
22255	4	F23 vs. M23	F2-3	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT2G02990
22256	4	F23 vs. M23	F2-3	GO:0019146	Metabolism	Metabolism	arabinose-5-phosphate isomerase activity	F	AT3G54690
22257	4	F23 vs. M23	F2-3	GO:0008792	Metabolism	Metabolism	arginine decarboxylase activity	F	AT4G34710
22258	4	F23 vs. M23	F2-3	GO:0047769	Metabolism	Metabolism	arogenate dehydratase activity	F	AT5G22630
22259	4	F23 vs. M23	F2-3	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT1G63710
22260	4	F23 vs. M23	F2-3	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT1G01600
22261	4	F23 vs. M23	F2-3	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT4G00360
22262	4	F23 vs. M23	F2-3	GO:0009073	Metabolism	Metabolism	aromatic amino acid family biosynthetic process	P	AT1G22410
22263	4	F23 vs. M23	F2-3	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT4G35150
22264	4	F23 vs. M23	F2-3	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT5G54160
22265	4	F23 vs. M23	F2-3	GO:0004067	Metabolism	Metabolism	asparaginase activity	F	AT5G08100
22266	4	F23 vs. M23	F2-3	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT2G03200
22267	4	F23 vs. M23	F2-3	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT4G04460
22268	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G47040
22269	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G14310
22270	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G17060
22271	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G62170
22272	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT4G33220
22273	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07410
22274	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07420
22275	4	F23 vs. M23	F2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07430
22276	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G66200
22277	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G66950
22278	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G71697
22279	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G72180
22280	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G76030
22281	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80660
22282	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01320
22283	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07560
22284	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G16750
22285	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G17220
22286	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G17265
22287	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G18470
22288	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G20470
22289	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G21480
22290	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G22950
22291	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31500
22292	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G36880
22293	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G39730
22294	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G41860
22295	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G03770
22296	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07700
22297	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07960
22298	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G08730
22299	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G09440
22300	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G17390
22301	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G17820
22302	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G18780
22303	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G20190

22304	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21180
22305	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24190
22306	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G42640
22307	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G45780
22308	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G46520
22309	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G48000
22310	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G51240
22311	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G18150
22312	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54660
22313	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54690
22314	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55100
22315	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55610
22316	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G56600
22317	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G57330
22318	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G59350
22319	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G60330
22320	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G61160
22321	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G01850
22322	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G11030
22323	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G15530
22324	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G18950
22325	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G21980
22326	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39110
22327	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G02270
22328	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G09810
22329	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G12000
22330	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G19450
22331	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G42270
22332	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G45840
22333	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G57350
22334	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G59370
22335	4	F23 vs. M23	F2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G61700
22336	4	F23 vs. M23	F2-3	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT5G42270
22337	4	F23 vs. M23	F2-3	GO:0102996	Metabolism	Metabolism	beta,beta digalactosyldiacylglycerol galactosyltransferase activity	F	AT3G06510
22338	4	F23 vs. M23	F2-3	GO:0008798	Metabolism	Metabolism	beta-aspartyl-peptidase activity	F	AT5G08100
22339	4	F23 vs. M23	F2-3	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT4G35010
22340	4	F23 vs. M23	F2-3	GO:0080083	Metabolism	Metabolism	beta-gentiobiose beta-glucosidase activity	F	AT3G18080
22341	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G06510
22342	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G18080
22343	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G62710
22344	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT4G10060
22345	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G20940
22346	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G25980
22347	4	F23 vs. M23	F2-3	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT1G02850
22348	4	F23 vs. M23	F2-3	GO:0004567	Metabolism	Metabolism	beta-mannosidase activity	F	AT3G18080
22349	4	F23 vs. M23	F2-3	GO:0048487	Metabolism	Metabolism	beta-tubulin binding	F	AT3G60740
22350	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G64680
22351	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G04670
22352	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G79270
22353	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G07708
22354	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G13350
22355	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19000
22356	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19330
22357	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19980
22358	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20870

22359	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G21820
22360	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G26490
22361	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G36020
22362	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12250
22363	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G44210
22364	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12320
22365	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G03430
22366	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G04360
22367	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G11420
22368	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14880
22369	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G15430
22370	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G15470
22371	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G19970
22372	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G20865
22373	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G27090
22374	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G18990
22375	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G57690
22376	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G18920
22377	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24930
22378	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G25780
22379	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G27790
22380	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30460
22381	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G31330
22382	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G22750
22383	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11420
22384	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11810
22385	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G17480
22386	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19580
22387	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G22430
22388	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G38760
22389	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G40730
22390	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G45350
22391	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G45880
22392	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G46200
22393	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G47620
22394	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G53820
22395	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G56140
22396	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G61710
22397	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G27100
22398	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G29140
22399	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47280
22400	4	F23 vs. M23	F2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47980
22401	4	F23 vs. M23	F2-3	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G70580
22402	4	F23 vs. M23	F2-3	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G74910
22403	4	F23 vs. M23	F2-3	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT5G36160
22404	4	F23 vs. M23	F2-3	GO:0009081	Metabolism	Metabolism	branched-chain amino acid metabolic process	P	AT3G19710
22405	4	F23 vs. M23	F2-3	GO:0004084	Metabolism	Metabolism	branched-chain-amino-acid transaminase activity	F	AT3G19710
22406	4	F23 vs. M23	F2-3	GO:0047763	Metabolism	Metabolism	caffeate O-methyltransferase activity	F	AT5G54160
22407	4	F23 vs. M23	F2-3	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G54250
22408	4	F23 vs. M23	F2-3	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT2G34850
22409	4	F23 vs. M23	F2-3	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT3G01500
22410	4	F23 vs. M23	F2-3	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT5G65810
22411	4	F23 vs. M23	F2-3	GO:0016830	Metabolism	Metabolism	carbon-carbon lyase activity	F	AT2G29630
22412	4	F23 vs. M23	F2-3	GO:0019752	Metabolism	Metabolism	carboxylic acid metabolic process	P	AT1G27980
22413	4	F23 vs. M23	F2-3	GO:0016831	Metabolism	Metabolism	carboxy-lyase activity	F	AT1G27980
22414	4	F23 vs. M23	F2-3	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT1G08940

22415	4	F23 vs. M23	F2-3	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G06510
22416	4	F23 vs. M23	F2-3	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G18080
22417	4	F23 vs. M23	F2-3	GO:0006081	Metabolism	Metabolism	cellular aldehyde metabolic process	P	AT4G36250
22418	4	F23 vs. M23	F2-3	GO:0006081	Metabolism	Metabolism	cellular aldehyde metabolic process	P	AT1G44170
22419	4	F23 vs. M23	F2-3	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G01410
22420	4	F23 vs. M23	F2-3	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G36160
22421	4	F23 vs. M23	F2-3	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT1G44820
22422	4	F23 vs. M23	F2-3	GO:0006725	Metabolism	Metabolism	cellular aromatic compound metabolic process	P	AT4G15093
22423	4	F23 vs. M23	F2-3	GO:0006464	Metabolism	Metabolism	cellular protein modification process	P	AT5G07460
22424	4	F23 vs. M23	F2-3	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G64390
22425	4	F23 vs. M23	F2-3	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G39770
22426	4	F23 vs. M23	F2-3	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G05170
22427	4	F23 vs. M23	F2-3	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G64740
22428	4	F23 vs. M23	F2-3	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT5G05170
22429	4	F23 vs. M23	F2-3	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT5G64740
22430	4	F23 vs. M23	F2-3	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT3G28180
22431	4	F23 vs. M23	F2-3	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G16590
22432	4	F23 vs. M23	F2-3	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT5G05170
22433	4	F23 vs. M23	F2-3	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT5G64740
22434	4	F23 vs. M23	F2-3	GO:0010330	Metabolism	Metabolism	cellulose synthase complex	C	AT5G64740
22435	4	F23 vs. M23	F2-3	GO:1902387	Metabolism	Metabolism	ceramide 1-phosphate binding	F	AT3G21260
22436	4	F23 vs. M23	F2-3	GO:1902388	Metabolism	Metabolism	ceramide 1-phosphate transfer activity	F	AT3G21260
22437	4	F23 vs. M23	F2-3	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G54250
22438	4	F23 vs. M23	F2-3	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT2G43590
22439	4	F23 vs. M23	F2-3	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT2G43590
22440	4	F23 vs. M23	F2-3	GO:0004103	Metabolism	Metabolism	choline kinase activity	F	AT1G71697
22441	4	F23 vs. M23	F2-3	GO:0009423	Metabolism	Metabolism	chorismate biosynthetic process	P	AT1G22410
22442	4	F23 vs. M23	F2-3	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT5G63860
22443	4	F23 vs. M23	F2-3	GO:0050412	Metabolism	Metabolism	cinnamate beta-D-glucosyltransferase activity	F	AT4G15490
22444	4	F23 vs. M23	F2-3	GO:0009800	Metabolism	Metabolism	cinnamic acid biosynthetic process	P	AT2G37040
22445	4	F23 vs. M23	F2-3	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT4G37990
22446	4	F23 vs. M23	F2-3	GO:0033468	Metabolism	Metabolism	CMP-keto-3-deoxy-D-manno-octulosonic acid biosynthetic process	P	AT1G53000
22447	4	F23 vs. M23	F2-3	GO:0050269	Metabolism	Metabolism	coniferyl-aldehyde dehydrogenase activity	F	AT3G24503
22448	4	F23 vs. M23	F2-3	GO:0016531	Metabolism	Metabolism	copper chaperone activity	F	AT3G56240
22449	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G55570
22450	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G66200
22451	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G76160
22452	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G01520
22453	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G28190
22454	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G36880
22455	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G04120
22456	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13390
22457	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13400
22458	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13930
22459	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G17820
22460	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G54660
22461	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G01850
22462	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G25100
22463	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G26970
22464	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G13490
22465	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G50940
22466	4	F23 vs. M23	F2-3	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G55560
22467	4	F23 vs. M23	F2-3	GO:0009805	Metabolism	Metabolism	coumarin biosynthetic process	P	AT4G34050
22468	4	F23 vs. M23	F2-3	GO:0006723	Metabolism	Metabolism	cuticle hydrocarbon biosynthetic process	P	AT5G57800
22469	4	F23 vs. M23	F2-3	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT2G38110

22470	4	F23 vs. M23	F2-3	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT4G38740
22471	4	F23 vs. M23	F2-3	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT1G79340
22472	4	F23 vs. M23	F2-3	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT4G38740
22473	4	F23 vs. M23	F2-3	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT5G23060
22474	4	F23 vs. M23	F2-3	GO:0047364	Metabolism	Metabolism	desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22475	4	F23 vs. M23	F2-3	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT5G37300
22476	4	F23 vs. M23	F2-3	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT1G54570
22477	4	F23 vs. M23	F2-3	GO:0004742	Metabolism	Metabolism	dihydrolipoyllysine-residue acetyltransferase activity	F	AT3G13930
22478	4	F23 vs. M23	F2-3	GO:0004161	Metabolism	Metabolism	dimethylallyltranstransferase activity	F	AT4G38460
22479	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G50210
22480	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G51240
22481	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G55970
22482	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT4G15093
22483	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G05600
22484	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G08640
22485	4	F23 vs. M23	F2-3	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G24530
22486	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G69120
22487	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G09340
22488	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G23760
22489	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G37630
22490	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G40140
22491	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G42200
22492	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G46820
22493	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G04120
22494	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G01250
22495	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G17310
22496	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G00480
22497	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G17500
22498	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G37180
22499	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G20240
22500	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G24120
22501	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G30330
22502	4	F23 vs. M23	F2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G32640
22503	4	F23 vs. M23	F2-3	GO:0003913	Metabolism	Metabolism	DNA photolyase activity	F	AT2G47590
22504	4	F23 vs. M23	F2-3	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12710
22505	4	F23 vs. M23	F2-3	GO:0008460	Metabolism	Metabolism	dTDP-glucose 4,6-dehydratase activity	F	AT1G53500
22506	4	F23 vs. M23	F2-3	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT1G03050
22507	4	F23 vs. M23	F2-3	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT1G03900
22508	4	F23 vs. M23	F2-3	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT1G25240
22509	4	F23 vs. M23	F2-3	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G47050
22510	4	F23 vs. M23	F2-3	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT4G24640
22511	4	F23 vs. M23	F2-3	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G50030
22512	4	F23 vs. M23	F2-3	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62350
22513	4	F23 vs. M23	F2-3	GO:0080082	Metabolism	Metabolism	esculin beta-glucosidase activity	F	AT3G18080
22514	4	F23 vs. M23	F2-3	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT1G61290
22515	4	F23 vs. M23	F2-3	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT3G03800
22516	4	F23 vs. M23	F2-3	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT2G34810
22517	4	F23 vs. M23	F2-3	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT5G38710
22518	4	F23 vs. M23	F2-3	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT1G01980
22519	4	F23 vs. M23	F2-3	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT1G30700
22520	4	F23 vs. M23	F2-3	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G11050
22521	4	F23 vs. M23	F2-3	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G17790
22522	4	F23 vs. M23	F2-3	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT5G01600
22523	4	F23 vs. M23	F2-3	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G11050
22524	4	F23 vs. M23	F2-3	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G17790
22525	4	F23 vs. M23	F2-3	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT4G15093

22526	4	F23 vs. M23	F2-3	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT5G01600
22527	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G55570
22528	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G76160
22529	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G11050
22530	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13390
22531	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13400
22532	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT5G01600
22533	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G41830
22534	4	F23 vs. M23	F2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G55560
22535	4	F23 vs. M23	F2-3	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G06690
22536	4	F23 vs. M23	F2-3	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G54660
22537	4	F23 vs. M23	F2-3	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G24140
22538	4	F23 vs. M23	F2-3	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G50940
22539	4	F23 vs. M23	F2-3	GO:0033759	Metabolism	Metabolism	flavone synthase activity	F	AT5G24530
22540	4	F23 vs. M23	F2-3	GO:0045431	Metabolism	Metabolism	flavonol synthase activity	F	AT5G08640
22541	4	F23 vs. M23	F2-3	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G14420
22542	4	F23 vs. M23	F2-3	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G45780
22543	4	F23 vs. M23	F2-3	GO:0004328	Metabolism	Metabolism	formamidase activity	F	AT4G37550
22544	4	F23 vs. M23	F2-3	GO:0010392	Metabolism	Metabolism	galactoglucomannan metabolic process	P	AT2G22900
22545	4	F23 vs. M23	F2-3	GO:0019375	Metabolism	Metabolism	galactolipid biosynthetic process	P	AT5G20410
22546	4	F23 vs. M23	F2-3	GO:0046480	Metabolism	Metabolism	galactolipid galactosyltransferase activity	F	AT3G06510
22547	4	F23 vs. M23	F2-3	GO:0019374	Metabolism	Metabolism	galactolipid metabolic process	P	AT3G54950
22548	4	F23 vs. M23	F2-3	GO:0019374	Metabolism	Metabolism	galactolipid metabolic process	P	AT5G20410
22549	4	F23 vs. M23	F2-3	GO:0051070	Metabolism	Metabolism	galactomannan biosynthetic process	P	AT2G22900
22550	4	F23 vs. M23	F2-3	GO:0006012	Metabolism	Metabolism	galactose metabolic process	P	AT2G34850
22551	4	F23 vs. M23	F2-3	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT2G22900
22552	4	F23 vs. M23	F2-3	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT3G06510
22553	4	F23 vs. M23	F2-3	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT3G07850
22554	4	F23 vs. M23	F2-3	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT1G02790
22555	4	F23 vs. M23	F2-3	GO:0033481	Metabolism	Metabolism	galacturonate biosynthetic process	P	AT3G23820
22556	4	F23 vs. M23	F2-3	GO:0003839	Metabolism	Metabolism	gamma-glutamylcyclotransferase activity	F	AT4G31290
22557	4	F23 vs. M23	F2-3	GO:0009298	Metabolism	Metabolism	GDP-mannose biosynthetic process	P	AT2G39770
22558	4	F23 vs. M23	F2-3	GO:0047259	Metabolism	Metabolism	glucomannan 4-beta-mannosyltransferase activity	F	AT4G16590
22559	4	F23 vs. M23	F2-3	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G74090
22560	4	F23 vs. M23	F2-3	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT3G19710
22561	4	F23 vs. M23	F2-3	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G16410
22562	4	F23 vs. M23	F2-3	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G12030
22563	4	F23 vs. M23	F2-3	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G13770
22564	4	F23 vs. M23	F2-3	GO:0102799	Metabolism	Metabolism	glucosinolate glucohydrolase activity	F	AT5G25980
22565	4	F23 vs. M23	F2-3	GO:0004349	Metabolism	Metabolism	glutamate 5-kinase activity	F	AT3G55610
22566	4	F23 vs. M23	F2-3	GO:0006537	Metabolism	Metabolism	glutamate biosynthetic process	P	AT5G04140
22567	4	F23 vs. M23	F2-3	GO:0004351	Metabolism	Metabolism	glutamate decarboxylase activity	F	AT1G65960
22568	4	F23 vs. M23	F2-3	GO:0006536	Metabolism	Metabolism	glutamate metabolic process	P	AT1G65960
22569	4	F23 vs. M23	F2-3	GO:0016041	Metabolism	Metabolism	glutamate synthase (ferredoxin) activity	F	AT5G04140
22570	4	F23 vs. M23	F2-3	GO:0004350	Metabolism	Metabolism	glutamate-5-semialdehyde dehydrogenase activity	F	AT3G55610
22571	4	F23 vs. M23	F2-3	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT1G66200
22572	4	F23 vs. M23	F2-3	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT3G17820
22573	4	F23 vs. M23	F2-3	GO:0004359	Metabolism	Metabolism	glutaminase activity	F	AT5G01410
22574	4	F23 vs. M23	F2-3	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT1G66200
22575	4	F23 vs. M23	F2-3	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT3G17820
22576	4	F23 vs. M23	F2-3	GO:0008465	Metabolism	Metabolism	glycerate dehydrogenase activity	F	AT1G68010
22577	4	F23 vs. M23	F2-3	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT1G59730
22578	4	F23 vs. M23	F2-3	GO:0090447	Metabolism	Metabolism	glycerol-3-phosphate 2-O-acyltransferase activity	F	AT2G38110
22579	4	F23 vs. M23	F2-3	GO:0016594	Metabolism	Metabolism	glycine binding	F	AT4G33010
22580	4	F23 vs. M23	F2-3	GO:0006545	Metabolism	Metabolism	glycine biosynthetic process	P	AT1G23310
22581	4	F23 vs. M23	F2-3	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT2G35370

22582	4	F23 vs. M23	F2-3	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT4G33010
22583	4	F23 vs. M23	F2-3	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT1G11860
22584	4	F23 vs. M23	F2-3	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT2G35370
22585	4	F23 vs. M23	F2-3	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT4G33010
22586	4	F23 vs. M23	F2-3	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT2G35370
22587	4	F23 vs. M23	F2-3	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT4G33010
22588	4	F23 vs. M23	F2-3	GO:0047958	Metabolism	Metabolism	glycine:2-oxoglutarate aminotransferase activity	F	AT1G70580
22589	4	F23 vs. M23	F2-3	GO:0047958	Metabolism	Metabolism	glycine:2-oxoglutarate aminotransferase activity	F	AT1G23310
22590	4	F23 vs. M23	F2-3	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT1G70730
22591	4	F23 vs. M23	F2-3	GO:0009247	Metabolism	Metabolism	glycolipid biosynthetic process	P	AT5G20410
22592	4	F23 vs. M23	F2-3	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT3G29360
22593	4	F23 vs. M23	F2-3	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT5G15490
22594	4	F23 vs. M23	F2-3	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT2G34850
22595	4	F23 vs. M23	F2-3	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT3G23820
22596	4	F23 vs. M23	F2-3	GO:0010597	Metabolism	Metabolism	green leaf volatile biosynthetic process	P	AT3G03480
22597	4	F23 vs. M23	F2-3	GO:0010597	Metabolism	Metabolism	green leaf volatile biosynthetic process	P	AT3G45140
22598	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G64740
22599	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G70490
22600	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G18390
22601	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G21880
22602	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G39770
22603	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G45770
22604	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G13870
22605	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G16100
22606	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G21700
22607	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G17530
22608	4	F23 vs. M23	F2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G20890
22609	4	F23 vs. M23	F2-3	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G60740
22610	4	F23 vs. M23	F2-3	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G09550
22611	4	F23 vs. M23	F2-3	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G54780
22612	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G64740
22613	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G18390
22614	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G21880
22615	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G45770
22616	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G13870
22617	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G16100
22618	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G21700
22619	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G17530
22620	4	F23 vs. M23	F2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G20890
22621	4	F23 vs. M23	F2-3	GO:0005085	Metabolism	Metabolism	guanyl-nucleotide exchange factor activity	F	AT5G63860
22622	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G63710
22623	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G15620
22624	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G30490
22625	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G37970
22626	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G16410
22627	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G49110
22628	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G61880
22629	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G01600
22630	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G00360
22631	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G13770
22632	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G15440
22633	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G19230
22634	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G32320
22635	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G36220
22636	4	F23 vs. M23	F2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G47000
22637	4	F23 vs. M23	F2-3	GO:0010297	Metabolism	Metabolism	heteropolysaccharide binding	F	AT1G09340

22638	4	F23 vs. M23	F2-3	GO:0000105	Metabolism	Metabolism	histidine biosynthetic process	P	AT1G58080
22639	4	F23 vs. M23	F2-3	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT3G25140
22640	4	F23 vs. M23	F2-3	GO:0010394	Metabolism	Metabolism	homogalacturonan metabolic process	P	AT5G65810
22641	4	F23 vs. M23	F2-3	GO:0004413	Metabolism	Metabolism	homoserine kinase activity	F	AT2G17265
22642	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G56500
22643	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G76030
22644	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G01670
22645	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G16750
22646	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G19970
22647	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G32260
22648	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G39955
22649	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G11650
22650	4	F23 vs. M23	F2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G12000
22651	4	F23 vs. M23	F2-3	GO:0016811	Metabolism	Metabolism	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	F	AT4G37550
22652	4	F23 vs. M23	F2-3	GO:0016811	Metabolism	Metabolism	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	F	AT4G37560
22653	4	F23 vs. M23	F2-3	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G58430
22654	4	F23 vs. M23	F2-3	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G28780
22655	4	F23 vs. M23	F2-3	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT5G33370
22656	4	F23 vs. M23	F2-3	GO:0016799	Metabolism	Metabolism	hydrolase activity, hydrolyzing N-glycosyl compounds	F	AT2G28305
22657	4	F23 vs. M23	F2-3	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT2G36870
22658	4	F23 vs. M23	F2-3	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT5G65730
22659	4	F23 vs. M23	F2-3	GO:0016618	Metabolism	Metabolism	hydroxypyruvate reductase activity	F	AT1G68010
22660	4	F23 vs. M23	F2-3	GO:0102953	Metabolism	Metabolism	hypoglycin A gamma-glutamyl transpeptidase activity	F	AT4G39640
22661	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G79340
22662	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G30490
22663	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G11050
22664	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G16240
22665	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G45780
22666	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G01600
22667	4	F23 vs. M23	F2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G63860
22668	4	F23 vs. M23	F2-3	GO:0080071	Metabolism	Metabolism	indol-3-yl-methyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
22669	4	F23 vs. M23	F2-3	GO:0009759	Metabolism	Metabolism	indole glucosinolate biosynthetic process	P	AT1G32640
22670	4	F23 vs. M23	F2-3	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT3G53620
22671	4	F23 vs. M23	F2-3	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT4G01480
22672	4	F23 vs. M23	F2-3	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT4G39800
22673	4	F23 vs. M23	F2-3	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT1G31190
22674	4	F23 vs. M23	F2-3	GO:0000822	Metabolism	Metabolism	inositol hexakisphosphate binding	F	AT3G29060
22675	4	F23 vs. M23	F2-3	GO:0008934	Metabolism	Metabolism	inositol monophosphate 1-phosphatase activity	F	AT1G31190
22676	4	F23 vs. M23	F2-3	GO:0052832	Metabolism	Metabolism	inositol monophosphate 3-phosphatase activity	F	AT1G31190
22677	4	F23 vs. M23	F2-3	GO:0052833	Metabolism	Metabolism	inositol monophosphate 4-phosphatase activity	F	AT1G31190
22678	4	F23 vs. M23	F2-3	GO:0004512	Metabolism	Metabolism	inositol-3-phosphate synthase activity	F	AT4G39800
22679	4	F23 vs. M23	F2-3	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G11050
22680	4	F23 vs. M23	F2-3	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT5G01600
22681	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G63710
22682	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G30490
22683	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G11050
22684	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G16410
22685	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G61880
22686	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G01600

22687	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G00360
22688	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G13770
22689	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G15440
22690	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G19230
22691	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G26260
22692	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G01600
22693	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G36220
22694	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G56640
22695	4	F23 vs. M23	F2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G57800
22696	4	F23 vs. M23	F2-3	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT2G29630
22697	4	F23 vs. M23	F2-3	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT1G64680
22698	4	F23 vs. M23	F2-3	GO:0019288	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, methylerythritol 4-phosphate pathway	P	AT4G15560
22699	4	F23 vs. M23	F2-3	GO:0019287	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, mevalonate pathway	P	AT1G76490
22700	4	F23 vs. M23	F2-3	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT1G76490
22701	4	F23 vs. M23	F2-3	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT3G14420
22702	4	F23 vs. M23	F2-3	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G70580
22703	4	F23 vs. M23	F2-3	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G23310
22704	4	F23 vs. M23	F2-3	GO:0103068	Metabolism	Metabolism	leukotriene C4 gamma-glutamyl transferase activity	F	AT4G39640
22705	4	F23 vs. M23	F2-3	GO:0097054	Metabolism	Metabolism	L-glutamate biosynthetic process	P	AT5G04140
22706	4	F23 vs. M23	F2-3	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT3G01060
22707	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT2G36880
22708	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT3G17390
22709	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G01070
22710	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G34050
22711	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G37990
22712	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G05170
22713	4	F23 vs. M23	F2-3	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G54160
22714	4	F23 vs. M23	F2-3	GO:0009808	Metabolism	Metabolism	lignin metabolic process	P	AT2G30490
22715	4	F23 vs. M23	F2-3	GO:0016165	Metabolism	Metabolism	linoleate 13S-lipoxygenase activity	F	AT3G45140
22716	4	F23 vs. M23	F2-3	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT1G75880
22717	4	F23 vs. M23	F2-3	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G21260
22718	4	F23 vs. M23	F2-3	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G51600
22719	4	F23 vs. M23	F2-3	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G54800
22720	4	F23 vs. M23	F2-3	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G07550
22721	4	F23 vs. M23	F2-3	GO:0008610	Metabolism	Metabolism	lipid biosynthetic process	P	AT5G57800
22722	4	F23 vs. M23	F2-3	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT4G04460
22723	4	F23 vs. M23	F2-3	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G16010
22724	4	F23 vs. M23	F2-3	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT5G07550
22725	4	F23 vs. M23	F2-3	GO:0031405	Metabolism	Metabolism	lipoic acid binding	F	AT3G13930
22726	4	F23 vs. M23	F2-3	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT3G14420
22727	4	F23 vs. M23	F2-3	GO:0062045	Metabolism	Metabolism	L-lysine alpha-aminotransferase	F	AT2G13810
22728	4	F23 vs. M23	F2-3	GO:0036456	Metabolism	Metabolism	L-methionine-(S)-S-oxide reductase activity	F	AT5G07460
22729	4	F23 vs. M23	F2-3	GO:0033744	Metabolism	Metabolism	L-methionine:thioredoxin-disulfide S-oxidoreductase activity	F	AT5G07460
22730	4	F23 vs. M23	F2-3	GO:0009094	Metabolism	Metabolism	L-phenylalanine biosynthetic process	P	AT5G22630
22731	4	F23 vs. M23	F2-3	GO:0062034	Metabolism	Metabolism	L-pipecolic acid biosynthetic process	P	AT2G13810
22732	4	F23 vs. M23	F2-3	GO:0055129	Metabolism	Metabolism	L-proline biosynthetic process	P	AT3G55610
22733	4	F23 vs. M23	F2-3	GO:0004838	Metabolism	Metabolism	L-tyrosine:2-oxoglutarate aminotransferase activity	F	AT5G36160
22734	4	F23 vs. M23	F2-3	GO:0030744	Metabolism	Metabolism	luteolin O-methyltransferase activity	F	AT5G54160
22735	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G60590
22736	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G02720
22737	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G02990
22738	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G23900
22739	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G01270

22740	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07820
22741	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07830
22742	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07840
22743	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G15110
22744	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G48140
22745	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G55720
22746	4	F23 vs. M23	F2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G63180
22747	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G58080
22748	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G70730
22749	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G24210
22750	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G35840
22751	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G53620
22752	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT4G01480
22753	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G57350
22754	4	F23 vs. M23	F2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G51420
22755	4	F23 vs. M23	F2-3	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT1G72610
22756	4	F23 vs. M23	F2-3	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT4G16590
22757	4	F23 vs. M23	F2-3	GO:0004475	Metabolism	Metabolism	mannose-1-phosphate guanylyltransferase activity	F	AT2G39770
22758	4	F23 vs. M23	F2-3	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14420
22759	4	F23 vs. M23	F2-3	GO:0030187	Metabolism	Metabolism	melatonin biosynthetic process	P	AT5G54160
22760	4	F23 vs. M23	F2-3	GO:0046467	Metabolism	Metabolism	membrane lipid biosynthetic process	P	AT3G07700
22761	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G56500
22762	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G60950
22763	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G67280
22764	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G70790
22765	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G80660
22766	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G01670
22767	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G02720
22768	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G07560
22769	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G15620
22770	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22950
22771	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G24820
22772	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G29630
22773	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40140
22774	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42200
22775	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45770
22776	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45800
22777	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G46210
22778	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G01270
22779	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G03420
22780	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G05580
22781	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12620
22782	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G17390
22783	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G18080
22784	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G21180
22785	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G42640
22786	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G45140
22787	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G49110
22788	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G50210
22789	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G51240
22790	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G52780
22791	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G54050
22792	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55800
22793	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55970
22794	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G57330
22795	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G19150

22796	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G60330
22797	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G61230
22798	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G15530
22799	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G15560
22800	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G15700
22801	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G20823
22802	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G31750
22803	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32320
22804	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G34050
22805	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G35060
22806	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G38460
22807	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04140
22808	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05170
22809	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05600
22810	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G08640
22811	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G15110
22812	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G16450
22813	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G18600
22814	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G20700
22815	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24530
22816	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G42270
22817	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47000
22818	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G51720
22819	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G55720
22820	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G56260
22821	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G61410
22822	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G63180
22823	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G64740
22824	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G66070
22825	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G29930
22826	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G31190
22827	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G45474
22828	4	F23 vs. M23	F2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G51090
22829	4	F23 vs. M23	F2-3	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT2G36880
22830	4	F23 vs. M23	F2-3	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT3G17390
22831	4	F23 vs. M23	F2-3	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT4G01850
22832	4	F23 vs. M23	F2-3	GO:0009086	Metabolism	Metabolism	methionine biosynthetic process	P	AT2G17265
22833	4	F23 vs. M23	F2-3	GO:0009086	Metabolism	Metabolism	methionine biosynthetic process	P	AT3G03780
22834	4	F23 vs. M23	F2-3	GO:0006555	Metabolism	Metabolism	methionine metabolic process	P	AT3G17390
22835	4	F23 vs. M23	F2-3	GO:0008705	Metabolism	Metabolism	methionine synthase activity	F	AT3G03780
22836	4	F23 vs. M23	F2-3	GO:0010326	Metabolism	Metabolism	methionine-oxo-acid transaminase activity	F	AT3G19710
22837	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G13860
22838	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G17310
22839	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G51070
22840	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G10440
22841	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G19120
22842	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G65810
22843	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G29470
22844	4	F23 vs. M23	F2-3	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G33170
22845	4	F23 vs. M23	F2-3	GO:0000146	Metabolism	Metabolism	microfilament motor activity	F	AT1G54560
22846	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G63930
22847	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G03620
22848	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G73390
22849	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74670
22850	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75800
22851	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G04670

22852	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80530
22853	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G04039
22854	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G07708
22855	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G13350
22856	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19000
22857	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19980
22858	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20870
22859	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G21820
22860	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G36020
22861	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G38640
22862	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12250
22863	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G44060
22864	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12320
22865	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G47910
22866	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G04360
22867	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G13970
22868	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G14880
22869	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17800
22870	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20220
22871	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20865
22872	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G27090
22873	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G00880
22874	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13230
22875	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13560
22876	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G14615
22877	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G20030
22878	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G18920
22879	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24930
22880	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G25780
22881	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G30460
22882	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G30996
22883	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G31330
22884	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G22750
22885	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G01430
22886	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11420
22887	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11810
22888	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19580
22889	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G22430
22890	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G26060
22891	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38760
22892	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G39210
22893	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G24520
22894	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G44300
22895	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G45350
22896	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G45880
22897	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46200
22898	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53820
22899	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G57785
22900	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G58960
22901	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G61710
22902	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G67370
22903	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G27100
22904	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G29140
22905	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47280
22906	4	F23 vs. M23	F2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47980
22907	4	F23 vs. M23	F2-3	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G61880

22908	4	F23 vs. M23	F2-3	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G15440
22909	4	F23 vs. M23	F2-3	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G19230
22910	4	F23 vs. M23	F2-3	GO:0005996	Metabolism	Metabolism	monosaccharide metabolic process	P	AT1G09340
22911	4	F23 vs. M23	F2-3	GO:0043693	Metabolism	Metabolism	monoterpene biosynthetic process	P	AT4G38460
22912	4	F23 vs. M23	F2-3	GO:0016099	Metabolism	Metabolism	monoterpenoid biosynthetic process	P	AT2G24210
22913	4	F23 vs. M23	F2-3	GO:0003774	Metabolism	Metabolism	motor activity	F	AT1G54560
22914	4	F23 vs. M23	F2-3	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT2G22900
22915	4	F23 vs. M23	F2-3	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT1G53500
22916	4	F23 vs. M23	F2-3	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT1G63930
22917	4	F23 vs. M23	F2-3	GO:0010264	Metabolism	Metabolism	myo-inositol hexakisphosphate biosynthetic process	P	AT4G39800
22918	4	F23 vs. M23	F2-3	GO:0017022	Metabolism	Metabolism	myosin binding	F	AT1G18990
22919	4	F23 vs. M23	F2-3	GO:0050551	Metabolism	Metabolism	myrcene synthase activity	F	AT2G24210
22920	4	F23 vs. M23	F2-3	GO:0033799	Metabolism	Metabolism	myricetin 3'-O-methyltransferase activity	F	AT5G54160
22921	4	F23 vs. M23	F2-3	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT3G51240
22922	4	F23 vs. M23	F2-3	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT5G08640
22923	4	F23 vs. M23	F2-3	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G66200
22924	4	F23 vs. M23	F2-3	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G68570
22925	4	F23 vs. M23	F2-3	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT2G15620
22926	4	F23 vs. M23	F2-3	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G12110
22927	4	F23 vs. M23	F2-3	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT3G17820
22928	4	F23 vs. M23	F2-3	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT1G65960
22929	4	F23 vs. M23	F2-3	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT1G72610
22930	4	F23 vs. M23	F2-3	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G25610
22931	4	F23 vs. M23	F2-3	GO:0009924	Metabolism	Metabolism	octadecanal decarbonylase activity	F	AT5G57800
22932	4	F23 vs. M23	F2-3	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT3G61990
22933	4	F23 vs. M23	F2-3	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT4G35150
22934	4	F23 vs. M23	F2-3	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT5G54160
22935	4	F23 vs. M23	F2-3	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT2G36880
22936	4	F23 vs. M23	F2-3	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT3G17390
22937	4	F23 vs. M23	F2-3	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT3G23810
22938	4	F23 vs. M23	F2-3	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G01850
22939	4	F23 vs. M23	F2-3	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT5G16450
22940	4	F23 vs. M23	F2-3	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT5G56260
22941	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55570
22942	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G58290
22943	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G59730
22944	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G63710
22945	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G64060
22946	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G68010
22947	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76160
22948	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76490
22949	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G15620
22950	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24820
22951	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G28190
22952	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G29370
22953	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G30490
22954	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G34810
22955	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37760
22956	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37770
22957	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G46210
22958	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G47730
22959	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G04000
22960	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G04120
22961	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G11050

22962	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13390
22963	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13400
22964	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G17790
22965	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G24503
22966	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G26060
22967	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G16410
22968	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G29360
22969	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48000
22970	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G49110
22971	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50210
22972	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G51240
22973	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55610
22974	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55970
22975	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G61880
22976	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01600
22977	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G00360
22978	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G19550
22979	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G13770
22980	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G15093
22981	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G15440
22982	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G19230
22983	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25100
22984	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G26260
22985	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G30470
22986	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G32320
22987	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G33010
22988	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36250
22989	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37990
22990	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G01600
22991	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G04140
22992	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G05600
22993	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G07460
22994	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G08640
22995	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G15490
22996	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24140
22997	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24530
22998	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G36220
22999	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G38710
23000	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47000
23001	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47910
23002	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G56640
23003	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01980
23004	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G57800
23005	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG00420
23006	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G30700
23007	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G44170
23008	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G49670
23009	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G53500
23010	4	F23 vs. M23	F2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55560
23011	4	F23 vs. M23	F2-3	GO:0017077	Metabolism	Metabolism	oxidative phosphorylation uncoupler activity	F	AT5G19760
23012	4	F23 vs. M23	F2-3	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT3G45140
23013	4	F23 vs. M23	F2-3	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT2G02720
23014	4	F23 vs. M23	F2-3	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G01270
23015	4	F23 vs. M23	F2-3	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G15110
23016	4	F23 vs. M23	F2-3	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G55720
23017	4	F23 vs. M23	F2-3	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G63180

23018	4	F23 vs. M23	F2-3	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G25140
23019	4	F23 vs. M23	F2-3	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT5G65810
23020	4	F23 vs. M23	F2-3	GO:0045488	Metabolism	Metabolism	pectin metabolic process	P	AT5G65810
23021	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT1G10770
23022	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G47040
23023	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G14310
23024	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G17060
23025	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G62170
23026	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT4G02250
23027	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT4G33220
23028	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07410
23029	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07420
23030	4	F23 vs. M23	F2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07430
23031	4	F23 vs. M23	F2-3	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT1G10770
23032	4	F23 vs. M23	F2-3	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G47040
23033	4	F23 vs. M23	F2-3	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G14310
23034	4	F23 vs. M23	F2-3	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G62170
23035	4	F23 vs. M23	F2-3	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT4G02250
23036	4	F23 vs. M23	F2-3	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT4G33220
23037	4	F23 vs. M23	F2-3	GO:0042277	Metabolism	Metabolism	peptide binding	F	AT1G72180
23038	4	F23 vs. M23	F2-3	GO:0000048	Metabolism	Metabolism	peptidyltransferase activity	F	AT4G39640
23039	4	F23 vs. M23	F2-3	GO:0045548	Metabolism	Metabolism	phenylalanine ammonia-lyase activity	F	AT2G37040
23040	4	F23 vs. M23	F2-3	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G30490
23041	4	F23 vs. M23	F2-3	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G37040
23042	4	F23 vs. M23	F2-3	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT3G24503
23043	4	F23 vs. M23	F2-3	GO:0009698	Metabolism	Metabolism	phenylpropanoid metabolic process	P	AT2G30490
23044	4	F23 vs. M23	F2-3	GO:0080124	Metabolism	Metabolism	pheophytinase activity	F	AT5G13800
23045	4	F23 vs. M23	F2-3	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT3G53620
23046	4	F23 vs. M23	F2-3	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT4G01480
23047	4	F23 vs. M23	F2-3	GO:0035091	Metabolism	Metabolism	phosphatidylinositol binding	F	AT3G54800
23048	4	F23 vs. M23	F2-3	GO:0008526	Metabolism	Metabolism	phosphatidylinositol transfer activity	F	AT4G36490
23049	4	F23 vs. M23	F2-3	GO:0005546	Metabolism	Metabolism	phosphatidylinositol-4,5-bisphosphate binding	F	AT1G03050
23050	4	F23 vs. M23	F2-3	GO:0005546	Metabolism	Metabolism	phosphatidylinositol-4,5-bisphosphate binding	F	AT1G25240
23051	4	F23 vs. M23	F2-3	GO:0006659	Metabolism	Metabolism	phosphatidylserine biosynthetic process	P	AT4G39800
23052	4	F23 vs. M23	F2-3	GO:0004614	Metabolism	Metabolism	phosphoglucomutase activity	F	AT1G70730
23053	4	F23 vs. M23	F2-3	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT2G38110
23054	4	F23 vs. M23	F2-3	GO:0006644	Metabolism	Metabolism	phospholipid metabolic process	P	AT3G54950
23055	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G71697
23056	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G78940
23057	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G17265
23058	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G20470
23059	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G09600
23060	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G55610
23061	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G15530
23062	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G20300
23063	4	F23 vs. M23	F2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G25030
23064	4	F23 vs. M23	F2-3	GO:0033306	Metabolism	Metabolism	phytol metabolic process	P	AT1G54570
23065	4	F23 vs. M23	F2-3	GO:0031409	Metabolism	Metabolism	pigment binding	F	AT1G45474
23066	4	F23 vs. M23	F2-3	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT1G70310
23067	4	F23 vs. M23	F2-3	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT3G02470
23068	4	F23 vs. M23	F2-3	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT4G34710
23069	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G60590
23070	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT2G23900
23071	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07820

23072	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07830
23073	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07840
23074	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07850
23075	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT5G48140
23076	4	F23 vs. M23	F2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G02790
23077	4	F23 vs. M23	F2-3	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G25140
23078	4	F23 vs. M23	F2-3	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G08000
23079	4	F23 vs. M23	F2-3	GO:0004664	Metabolism	Metabolism	prephenate dehydratase activity	F	AT5G22630
23080	4	F23 vs. M23	F2-3	GO:0006561	Metabolism	Metabolism	proline biosynthetic process	P	AT3G55610
23081	4	F23 vs. M23	F2-3	GO:0004657	Metabolism	Metabolism	proline dehydrogenase activity	F	AT5G38710
23082	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G58290
23083	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64060
23084	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G66200
23085	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G69120
23086	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G70310
23087	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G72180
23088	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G74910
23089	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76490
23090	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G77980
23091	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G07560
23092	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G13570
23093	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G09340
23094	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G20890
23095	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G21480
23096	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G23760
23097	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26490
23098	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G30490
23099	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31500
23100	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36880
23101	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37040
23102	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37180
23103	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37630
23104	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38170
23105	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G12110
23106	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G39770
23107	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40140
23108	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45770
23109	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G47040
23110	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02470
23111	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G03770
23112	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G04000
23113	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G04120
23114	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G07560
23115	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08510
23116	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08730
23117	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G09440
23118	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G12620
23119	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G14770
23120	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G15470
23121	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G18780
23122	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G20190
23123	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23820
23124	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26060
23125	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G28180
23126	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45140

23127	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45780
23128	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G51920
23129	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57600
23130	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G61880
23131	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19180
23132	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G62960
23133	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G63140
23134	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00360
23135	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00480
23136	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G01850
23137	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G05590
23138	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G08150
23139	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G15560
23140	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G18950
23141	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20890
23142	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25030
23143	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25100
23144	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20850
23145	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29350
23146	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33010
23147	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G34710
23148	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G38460
23149	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39110
23150	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39800
23151	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G01410
23152	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G04140
23153	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G05170
23154	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G08640
23155	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09810
23156	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13490
23157	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13800
23158	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G23380
23159	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G15160
23160	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G18600
23161	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G20240
23162	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G24120
23163	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42050
23164	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45840
23165	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47910
23166	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G49890
23167	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G56750
23168	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G63860
23169	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64740
23170	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00360
23171	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G27970
23172	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28270
23173	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G30330
23174	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32640
23175	4	F23 vs. M23	F2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G45474
23176	4	F23 vs. M23	F2-3	GO:0030674	Metabolism	Metabolism	protein binding, bridging	F	AT3G21890
23177	4	F23 vs. M23	F2-3	GO:0043394	Metabolism	Metabolism	proteoglycan binding	F	AT4G19840
23178	4	F23 vs. M23	F2-3	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT1G80660
23179	4	F23 vs. M23	F2-3	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT2G07560
23180	4	F23 vs. M23	F2-3	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G42640
23181	4	F23 vs. M23	F2-3	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G60330
23182	4	F23 vs. M23	F2-3	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT5G57350

23183	4	F23 vs. M23	F2-3	GO:0009446	Metabolism	Metabolism	putrescine biosynthetic process	P	AT4G34710
23184	4	F23 vs. M23	F2-3	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT4G34710
23185	4	F23 vs. M23	F2-3	GO:0036381	Metabolism	Metabolism	pyridoxal 5'-phosphate synthase (glutamine hydrolysing) activity	F	AT5G01410
23186	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G65960
23187	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G70580
23188	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G13810
23189	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT3G48780
23190	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G33010
23191	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G23310
23192	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G36160
23193	4	F23 vs. M23	F2-3	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G27980
23194	4	F23 vs. M23	F2-3	GO:0042823	Metabolism	Metabolism	pyridoxal phosphate biosynthetic process	P	AT5G01410
23195	4	F23 vs. M23	F2-3	GO:0008615	Metabolism	Metabolism	pyridoxine biosynthetic process	P	AT5G01410
23196	4	F23 vs. M23	F2-3	GO:0050242	Metabolism	Metabolism	pyruvate, phosphate dikinase activity	F	AT4G15530
23197	4	F23 vs. M23	F2-3	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G31790
23198	4	F23 vs. M23	F2-3	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT3G46670
23199	4	F23 vs. M23	F2-3	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT4G15490
23200	4	F23 vs. M23	F2-3	GO:0102822	Metabolism	Metabolism	quercetin 3'-O-methyltransferase activity	F	AT5G54160
23201	4	F23 vs. M23	F2-3	GO:0030755	Metabolism	Metabolism	quercetin 3-O-methyltransferase activity	F	AT5G54160
23202	4	F23 vs. M23	F2-3	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G31790
23203	4	F23 vs. M23	F2-3	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT3G46670
23204	4	F23 vs. M23	F2-3	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT4G15490
23205	4	F23 vs. M23	F2-3	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00420
23206	4	F23 vs. M23	F2-3	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00430
23207	4	F23 vs. M23	F2-3	GO:0006557	Metabolism	Metabolism	S-adenosylmethioninamine biosynthetic process	P	AT3G02470
23208	4	F23 vs. M23	F2-3	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT2G36880
23209	4	F23 vs. M23	F2-3	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT3G17390
23210	4	F23 vs. M23	F2-3	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT4G01850
23211	4	F23 vs. M23	F2-3	GO:0033353	Metabolism	Metabolism	S-adenosylmethionine cycle	P	AT3G23810
23212	4	F23 vs. M23	F2-3	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT4G35150
23213	4	F23 vs. M23	F2-3	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G54160
23214	4	F23 vs. M23	F2-3	GO:0034785	Metabolism	Metabolism	salicylate 5-hydroxylase activity	F	AT5G24530
23215	4	F23 vs. M23	F2-3	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT3G18080
23216	4	F23 vs. M23	F2-3	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT1G02850
23217	4	F23 vs. M23	F2-3	GO:0050278	Metabolism	Metabolism	sedoheptulose-bisphosphatase activity	F	AT3G55800
23218	4	F23 vs. M23	F2-3	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT2G19770
23219	4	F23 vs. M23	F2-3	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT4G29340
23220	4	F23 vs. M23	F2-3	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT4G29350
23221	4	F23 vs. M23	F2-3	GO:0004758	Metabolism	Metabolism	serine C-palmitoyltransferase activity	F	AT3G48780
23222	4	F23 vs. M23	F2-3	GO:0016987	Metabolism	Metabolism	sigma factor activity	F	AT5G24120
23223	4	F23 vs. M23	F2-3	GO:0050284	Metabolism	Metabolism	sinapate 1-glucosyltransferase activity	F	AT4G15490
23224	4	F23 vs. M23	F2-3	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT4G37990
23225	4	F23 vs. M23	F2-3	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT1G70310
23226	4	F23 vs. M23	F2-3	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT3G02470
23227	4	F23 vs. M23	F2-3	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT4G34710
23228	4	F23 vs. M23	F2-3	GO:0004766	Metabolism	Metabolism	spermidine synthase activity	F	AT1G70310
23229	4	F23 vs. M23	F2-3	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT3G02470
23230	4	F23 vs. M23	F2-3	GO:0008117	Metabolism	Metabolism	sphinganine-1-phosphate aldolase activity	F	AT1G27980
23231	4	F23 vs. M23	F2-3	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT2G46210
23232	4	F23 vs. M23	F2-3	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT3G48780
23233	4	F23 vs. M23	F2-3	GO:0052631	Metabolism	Metabolism	sphingolipid delta-8 desaturase activity	F	AT2G46210
23234	4	F23 vs. M23	F2-3	GO:0006665	Metabolism	Metabolism	sphingolipid metabolic process	P	AT1G27980
23235	4	F23 vs. M23	F2-3	GO:0004506	Metabolism	Metabolism	squalene monooxygenase activity	F	AT5G24140

23236	4	F23 vs. M23	F2-3	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT5G40650
23237	4	F23 vs. M23	F2-3	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT2G35840
23238	4	F23 vs. M23	F2-3	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT1G51420
23239	4	F23 vs. M23	F2-3	GO:0009228	Metabolism	Metabolism	thiamine biosynthetic process	P	AT2G29630
23240	4	F23 vs. M23	F2-3	GO:0009228	Metabolism	Metabolism	thiamine biosynthetic process	P	AT4G15560
23241	4	F23 vs. M23	F2-3	GO:0009229	Metabolism	Metabolism	thiamine diphosphate biosynthetic process	P	AT2G29630
23242	4	F23 vs. M23	F2-3	GO:0019137	Metabolism	Metabolism	thioglucosidase activity	F	AT5G25980
23243	4	F23 vs. M23	F2-3	GO:0004791	Metabolism	Metabolism	thioredoxin-disulfide reductase activity	F	AT3G54660
23244	4	F23 vs. M23	F2-3	GO:0009088	Metabolism	Metabolism	threonine biosynthetic process	P	AT2G17265
23245	4	F23 vs. M23	F2-3	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT2G13810
23246	4	F23 vs. M23	F2-3	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G11860
23247	4	F23 vs. M23	F2-3	GO:0016710	Metabolism	Metabolism	trans-cinnamate 4-monooxygenase activity	F	AT2G30490
23248	4	F23 vs. M23	F2-3	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G64980
23249	4	F23 vs. M23	F2-3	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G19550
23250	4	F23 vs. M23	F2-3	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G75880
23251	4	F23 vs. M23	F2-3	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G03495
23252	4	F23 vs. M23	F2-3	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT4G24510
23253	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G31790
23254	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G01180
23255	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G06510
23256	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G11420
23257	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G25140
23258	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G28180
23259	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G46670
23260	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G01070
23261	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G10120
23262	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G13990
23263	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G15490
23264	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G16590
23265	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G05170
23266	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G20410
23267	4	F23 vs. M23	F2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G64740
23268	4	F23 vs. M23	F2-3	GO:0102701	Metabolism	Metabolism	tricyclene synthase activity	F	AT2G24210
23269	4	F23 vs. M23	F2-3	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT5G37300
23270	4	F23 vs. M23	F2-3	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT1G54570
23271	4	F23 vs. M23	F2-3	GO:0006568	Metabolism	Metabolism	tryptophan metabolic process	P	AT1G32640
23272	4	F23 vs. M23	F2-3	GO:0015631	Metabolism	Metabolism	tubulin binding	F	AT3G60740
23273	4	F23 vs. M23	F2-3	GO:0045298	Metabolism	Metabolism	tubulin complex	C	AT4G20890
23274	4	F23 vs. M23	F2-3	GO:0010489	Metabolism	Metabolism	UDP-4-keto-6-deoxy-glucose-3,5-epimerase activity	F	AT1G53500
23275	4	F23 vs. M23	F2-3	GO:0010490	Metabolism	Metabolism	UDP-4-keto-rhamnose-4-keto-reductase activity	F	AT1G53500
23276	4	F23 vs. M23	F2-3	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT2G34850
23277	4	F23 vs. M23	F2-3	GO:0035250	Metabolism	Metabolism	UDP-galactosyltransferase activity	F	AT5G20410
23278	4	F23 vs. M23	F2-3	GO:0050377	Metabolism	Metabolism	UDP-glucose 4,6-dehydratase activity	F	AT1G53500
23279	4	F23 vs. M23	F2-3	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT1G09340
23280	4	F23 vs. M23	F2-3	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT2G34850
23281	4	F23 vs. M23	F2-3	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT3G63140
23282	4	F23 vs. M23	F2-3	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT3G29360
23283	4	F23 vs. M23	F2-3	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT5G15490
23284	4	F23 vs. M23	F2-3	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT4G01070
23285	4	F23 vs. M23	F2-3	GO:0050378	Metabolism	Metabolism	UDP-glucuronate 4-epimerase activity	F	AT3G23820
23286	4	F23 vs. M23	F2-3	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT3G29360
23287	4	F23 vs. M23	F2-3	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT5G15490
23288	4	F23 vs. M23	F2-3	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G31790
23289	4	F23 vs. M23	F2-3	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G46670

23290	4	F23 vs. M23	F2-3	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G01070
23291	4	F23 vs. M23	F2-3	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G15490
23292	4	F23 vs. M23	F2-3	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT2G34850
23293	4	F23 vs. M23	F2-3	GO:0010280	Metabolism	Metabolism	UDP-L-rhamnose synthase activity	F	AT1G53500
23294	4	F23 vs. M23	F2-3	GO:0010253	Metabolism	Metabolism	UDP-rhamnose biosynthetic process	P	AT1G53500
23295	4	F23 vs. M23	F2-3	GO:0007035	Metabolism	Metabolism	vacuolar acidification	P	AT2G28520
23296	4	F23 vs. M23	F2-3	GO:0042819	Metabolism	Metabolism	vitamin B6 biosynthetic process	P	AT5G01410
23297	4	F23 vs. M23	F2-3	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G68530
23298	4	F23 vs. M23	F2-3	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT4G24510
23299	4	F23 vs. M23	F2-3	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT5G37300
23300	4	F23 vs. M23	F2-3	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT5G57800
23301	4	F23 vs. M23	F2-3	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G02205
23302	4	F23 vs. M23	F2-3	GO:0006805	Metabolism	Metabolism	xenobiotic metabolic process	P	AT4G01070
23303	4	F23 vs. M23	F2-3	GO:0010089	Metabolism	Metabolism	xylem development	P	AT4G08150
23304	4	F23 vs. M23	F2-3	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT2G36870
23305	4	F23 vs. M23	F2-3	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G44990
23306	4	F23 vs. M23	F2-3	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT5G65730
23307	4	F23 vs. M23	F2-3	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT2G36870
23308	4	F23 vs. M23	F2-3	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G44990
23309	4	F23 vs. M23	F2-3	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT5G65730
23310	4	F23 vs. M23	F2-3	GO:0033946	Metabolism	Metabolism	xyloglucan-specific endo-beta-1,4-glucanase activity	F	AT3G44990
23311	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G01500
23312	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G03780
23313	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G52720
23314	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G15093
23315	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G37990
23316	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G40650
23317	4	F23 vs. M23	F2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G49670
23318	4	F23 vs. M23	F2-3	GO:0009882	Metabolism	Photosynthesis	blue light photoreceptor activity	F	AT3G45780
23319	4	F23 vs. M23	F2-3	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G19150
23320	4	F23 vs. M23	F2-3	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G29930
23321	4	F23 vs. M23	F2-3	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G45474
23322	4	F23 vs. M23	F2-3	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT1G58290
23323	4	F23 vs. M23	F2-3	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT3G51820
23324	4	F23 vs. M23	F2-3	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT4G15560
23325	4	F23 vs. M23	F2-3	GO:0015994	Metabolism	Photosynthesis	chlorophyll metabolic process	P	AT5G01410
23326	4	F23 vs. M23	F2-3	GO:0046408	Metabolism	Photosynthesis	chlorophyll synthetase activity	F	AT3G51820
23327	4	F23 vs. M23	F2-3	GO:0010277	Metabolism	Photosynthesis	chlorophyllide a oxygenase [overall] activity	F	AT2G24820
23328	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G56500
23329	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58080
23330	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58290
23331	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58430
23332	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G60950
23333	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64980
23334	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67280
23335	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G68010
23336	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70480
23337	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70580
23338	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70730
23339	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78160
23340	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01320
23341	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G04039
23342	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G10940
23343	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G13680
23344	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G13810

23345	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G15620
23346	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17265
23347	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18400
23348	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G09340
23349	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20890
23350	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G21330
23351	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24210
23352	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24820
23353	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28190
23354	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28305
23355	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G29630
23356	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11860
23357	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31790
23358	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36870
23359	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37770
23360	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38170
23361	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38330
23362	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39730
23363	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12250
23364	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44120
23365	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G45770
23366	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G46820
23367	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47050
23368	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47730
23369	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47910
23370	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01060
23371	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01180
23372	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01500
23373	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03420
23374	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03780
23375	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04000
23376	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04120
23377	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04790
23378	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06510
23379	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G07700
23380	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G14560
23381	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G09440
23382	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11050
23383	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11650
23384	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14420
23385	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17800
23386	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17820
23387	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G18080
23388	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22840
23389	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23920
23390	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G24190
23391	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25690
23392	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25760
23393	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26060
23394	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G28750
23395	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16410
23396	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45140
23397	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45870
23398	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16880
23399	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48000
23400	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48780

23401	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G51820
23402	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54050
23403	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54660
23404	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54690
23405	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55610
23406	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55800
23407	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56240
23408	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57330
23409	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19150
23410	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G59360
23411	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G63140
23412	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01070
23413	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01470
23414	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19550
23415	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G05590
23416	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11030
23417	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11960
23418	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G12030
23419	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14690
23420	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15530
23421	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15560
23422	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G19230
23423	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20890
23424	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G21280
23425	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24380
23426	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20823
23427	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24640
23428	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24930
23429	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25030
23430	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25100
23431	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20850
23432	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G26970
23433	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G28780
23434	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G29350
23435	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32260
23436	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32320
23437	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G33010
23438	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G22410
23439	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34710
23440	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36490
23441	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G37550
23442	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38460
23443	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38740
23444	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38970
23445	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39030
23446	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39110
23447	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01600
23448	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04140
23449	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G07550
23450	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09660
23451	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23310
23452	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11650
23453	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13800
23454	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15390
23455	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16010
23456	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22630

23457	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23060
23458	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24120
23459	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G24020
23460	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25980
23461	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G30510
23462	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36220
23463	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39210
23464	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42270
23465	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G43745
23466	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45840
23467	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G47620
23468	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50030
23469	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G51720
23470	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53820
23471	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G56260
23472	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G57350
23473	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G01980
23474	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61410
23475	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61700
23476	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64040
23477	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65685
23478	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G67370
23479	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00360
23480	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00420
23481	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00430
23482	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27980
23483	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29930
23484	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G30700
23485	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31190
23486	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32080
23487	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G44820
23488	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G45474
23489	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G47280
23490	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50310
23491	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51110
23492	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G52580
23493	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53000
23494	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53500
23495	4	F23 vs. M23	F2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54570
23496	4	F23 vs. M23	F2-3	GO:0009904	Metabolism	Photosynthesis	chloroplast accumulation movement	P	AT3G45780
23497	4	F23 vs. M23	F2-3	GO:0009903	Metabolism	Photosynthesis	chloroplast avoidance movement	P	AT3G45780
23498	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G64680
23499	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G66200
23500	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G01320
23501	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G09340
23502	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G20890
23503	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G21330
23504	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G24820
23505	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11860
23506	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G36830
23507	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G39730
23508	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G46820
23509	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G47730
23510	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G01500
23511	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G03780
23512	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G04790

23513	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G06510
23514	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G13930
23515	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G16240
23516	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G25760
23517	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G26060
23518	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G45140
23519	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G46520
23520	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G16880
23521	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G55800
23522	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G63140
23523	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G15440
23524	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G25100
23525	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G32260
23526	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G33010
23527	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G38970
23528	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G39030
23529	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G04140
23530	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09660
23531	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09810
23532	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G13490
23533	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16010
23534	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G19760
23535	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G42270
23536	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G43745
23537	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G61410
23538	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G29930
23539	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G30360
23540	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G32080
23541	4	F23 vs. M23	F2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G51110
23542	4	F23 vs. M23	F2-3	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT2G24820
23543	4	F23 vs. M23	F2-3	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G32080
23544	4	F23 vs. M23	F2-3	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G58290
23545	4	F23 vs. M23	F2-3	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT2G38330
23546	4	F23 vs. M23	F2-3	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT3G51820
23547	4	F23 vs. M23	F2-3	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G25100
23548	4	F23 vs. M23	F2-3	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G39030
23549	4	F23 vs. M23	F2-3	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT4G25100
23550	4	F23 vs. M23	F2-3	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G09340
23551	4	F23 vs. M23	F2-3	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G24120
23552	4	F23 vs. M23	F2-3	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G32080
23553	4	F23 vs. M23	F2-3	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT1G70480
23554	4	F23 vs. M23	F2-3	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT2G20890
23555	4	F23 vs. M23	F2-3	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G06510
23556	4	F23 vs. M23	F2-3	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G25690
23557	4	F23 vs. M23	F2-3	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT5G20410
23558	4	F23 vs. M23	F2-3	GO:0030093	Metabolism	Photosynthesis	chloroplast photosystem I	C	AT2G46820
23559	4	F23 vs. M23	F2-3	GO:0030093	Metabolism	Photosynthesis	chloroplast photosystem I	C	AT5G64040
23560	4	F23 vs. M23	F2-3	GO:0009902	Metabolism	Photosynthesis	chloroplast relocation	P	AT3G25690
23561	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G56500
23562	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G58080
23563	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G60950
23564	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G66200
23565	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G67280
23566	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G70580
23567	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G15620
23568	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G17265

23569	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G09340
23570	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G20890
23571	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G21330
23572	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G28190
23573	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G29630
23574	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G11860
23575	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G39730
23576	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G45770
23577	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G47730
23578	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G47910
23579	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G01500
23580	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G04790
23581	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G14420
23582	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G45140
23583	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G46520
23584	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G16880
23585	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G52720
23586	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54050
23587	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54660
23588	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55800
23589	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G63140
23590	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G15530
23591	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G15560
23592	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G21280
23593	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G25100
23594	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G33010
23595	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G38970
23596	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G01600
23597	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04140
23598	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G09810
23599	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G13800
23600	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G22630
23601	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G30510
23602	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G39210
23603	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G51720
23604	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G61410
23605	4	F23 vs. M23	F2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G31190
23606	4	F23 vs. M23	F2-3	GO:0009533	Metabolism	Photosynthesis	chloroplast stromal thylakoid	C	AT3G26060
23607	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G56500
23608	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G64680
23609	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G20890
23610	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G21330
23611	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G30440
23612	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G11860
23613	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G12250
23614	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G45770
23615	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G46820
23616	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G26060
23617	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G51820
23618	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G63140
23619	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G21280
23620	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G32260
23621	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G33010
23622	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G23060
23623	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G42270
23624	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G64040

23625	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G29930
23626	4	F23 vs. M23	F2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G51110
23627	4	F23 vs. M23	F2-3	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT1G12250
23628	4	F23 vs. M23	F2-3	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT3G26060
23629	4	F23 vs. M23	F2-3	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G21280
23630	4	F23 vs. M23	F2-3	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G24930
23631	4	F23 vs. M23	F2-3	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G64040
23632	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G56500
23633	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G10940
23634	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G20890
23635	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G30440
23636	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G39730
23637	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G12250
23638	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45770
23639	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G46820
23640	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G47910
23641	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G01500
23642	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G04790
23643	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G07700
23644	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G22840
23645	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G25760
23646	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G26060
23647	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G45140
23648	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G16880
23649	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G51820
23650	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G19150
23651	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G11960
23652	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G14690
23653	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G21280
23654	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G32260
23655	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G38460
23656	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G01600
23657	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G13800
23658	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23060
23659	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G42270
23660	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G64040
23661	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00360
23662	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00420
23663	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00430
23664	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G29930
23665	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G45474
23666	4	F23 vs. M23	F2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G51110
23667	4	F23 vs. M23	F2-3	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	AT4G21280
23668	4	F23 vs. M23	F2-3	GO:0042132	Metabolism	Photosynthesis	fructose 1,6-bisphosphate 1-phosphatase activity	F	AT3G54050
23669	4	F23 vs. M23	F2-3	GO:0042132	Metabolism	Photosynthesis	fructose 1,6-bisphosphate 1-phosphatase activity	F	AT3G55800
23670	4	F23 vs. M23	F2-3	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT2G21330
23671	4	F23 vs. M23	F2-3	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT3G54050
23672	4	F23 vs. M23	F2-3	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT3G55800
23673	4	F23 vs. M23	F2-3	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT4G38970
23674	4	F23 vs. M23	F2-3	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT3G54050
23675	4	F23 vs. M23	F2-3	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT3G55800
23676	4	F23 vs. M23	F2-3	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT2G21330
23677	4	F23 vs. M23	F2-3	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT4G38970
23678	4	F23 vs. M23	F2-3	GO:0006783	Metabolism	Photosynthesis	heme biosynthetic process	P	AT1G58290

23679	4	F23 vs. M23	F2-3	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT1G68010
23680	4	F23 vs. M23	F2-3	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT3G14420
23681	4	F23 vs. M23	F2-3	GO:0009915	Metabolism	Photosynthesis	phloem sucrose loading	P	AT1G22710
23682	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G01500
23683	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G11050
23684	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G22840
23685	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G54050
23686	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G11960
23687	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G14690
23688	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G15530
23689	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G01600
23690	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G64040
23691	4	F23 vs. M23	F2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G27730
23692	4	F23 vs. M23	F2-3	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G19150
23693	4	F23 vs. M23	F2-3	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G29930
23694	4	F23 vs. M23	F2-3	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G45474
23695	4	F23 vs. M23	F2-3	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT1G60950
23696	4	F23 vs. M23	F2-3	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT1G60950
23697	4	F23 vs. M23	F2-3	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G21280
23698	4	F23 vs. M23	F2-3	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT2G46820
23699	4	F23 vs. M23	F2-3	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT3G54050
23700	4	F23 vs. M23	F2-3	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT4G11960
23701	4	F23 vs. M23	F2-3	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT5G64040
23702	4	F23 vs. M23	F2-3	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	AT2G45770
23703	4	F23 vs. M23	F2-3	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G22840
23704	4	F23 vs. M23	F2-3	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G19150
23705	4	F23 vs. M23	F2-3	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT4G14690
23706	4	F23 vs. M23	F2-3	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT5G64040
23707	4	F23 vs. M23	F2-3	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G29930
23708	4	F23 vs. M23	F2-3	GO:0009782	Metabolism	Photosynthesis	photosystem I antenna complex	C	AT1G45474
23709	4	F23 vs. M23	F2-3	GO:0048564	Metabolism	Photosynthesis	photosystem I assembly	P	AT5G42270
23710	4	F23 vs. M23	F2-3	GO:0048564	Metabolism	Photosynthesis	photosystem I assembly	P	ATCG00360
23711	4	F23 vs. M23	F2-3	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G22840
23712	4	F23 vs. M23	F2-3	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT4G14690
23713	4	F23 vs. M23	F2-3	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G29930
23714	4	F23 vs. M23	F2-3	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT2G20890
23715	4	F23 vs. M23	F2-3	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT5G24120
23716	4	F23 vs. M23	F2-3	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT4G21280
23717	4	F23 vs. M23	F2-3	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT5G42270
23718	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G13810
23719	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G29630
23720	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G06510
23721	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G12030
23722	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G22410
23723	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G39030
23724	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13490
23725	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16010
23726	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16450
23727	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G19760
23728	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23060
23729	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25980
23730	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G30510
23731	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G36160
23732	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G40650
23733	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G42270
23734	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G43745

23735	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47910
23736	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49890
23737	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G51720
23738	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G52450
23739	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54160
23740	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54760
23741	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54940
23742	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56260
23743	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57350
23744	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58060
23745	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59370
23746	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61410
23747	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G62350
23748	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63180
23749	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63860
23750	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64040
23751	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00430
23752	4	F23 vs. M23	F2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G44170
23753	4	F23 vs. M23	F2-3	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT2G46820
23754	4	F23 vs. M23	F2-3	GO:0009528	Metabolism	Photosynthesis	plastid inner membrane	C	AT2G20890
23755	4	F23 vs. M23	F2-3	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT2G20890
23756	4	F23 vs. M23	F2-3	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT2G20890
23757	4	F23 vs. M23	F2-3	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT1G09340
23758	4	F23 vs. M23	F2-3	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT3G63140
23759	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G09340
23760	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G21330
23761	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G39730
23762	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G07700
23763	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G26060
23764	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G63140
23765	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G38970
23766	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G29930
23767	4	F23 vs. M23	F2-3	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G54570
23768	4	F23 vs. M23	F2-3	GO:0080177	Metabolism	Photosynthesis	plastoglobule organization	P	AT3G07700
23769	4	F23 vs. M23	F2-3	GO:0006779	Metabolism	Photosynthesis	porphyrin-containing compound biosynthetic process	P	AT1G58290
23770	4	F23 vs. M23	F2-3	GO:1905157	Metabolism	Photosynthesis	positive regulation of photosynthesis	P	AT5G65810
23771	4	F23 vs. M23	F2-3	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT2G20890
23772	4	F23 vs. M23	F2-3	GO:0045038	Metabolism	Photosynthesis	protein import into chloroplast thylakoid membrane	P	AT2G20890
23773	4	F23 vs. M23	F2-3	GO:0045038	Metabolism	Photosynthesis	protein import into chloroplast thylakoid membrane	P	AT2G45770
23774	4	F23 vs. M23	F2-3	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT2G24820
23775	4	F23 vs. M23	F2-3	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT2G47590
23776	4	F23 vs. M23	F2-3	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT3G45780
23777	4	F23 vs. M23	F2-3	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G19150
23778	4	F23 vs. M23	F2-3	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT5G63860
23779	4	F23 vs. M23	F2-3	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G29930
23780	4	F23 vs. M23	F2-3	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G45474
23781	4	F23 vs. M23	F2-3	GO:0006782	Metabolism	Photosynthesis	protoporphyrinogen IX biosynthetic process	P	AT1G58290
23782	4	F23 vs. M23	F2-3	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT3G22840
23783	4	F23 vs. M23	F2-3	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT4G14690
23784	4	F23 vs. M23	F2-3	GO:0046863	Metabolism	Photosynthesis	ribulose-1,5-bisphosphate carboxylase/oxygenase activator activity	F	AT2G39730
23785	4	F23 vs. M23	F2-3	GO:0016114	Metabolism	Photosynthesis	terpenoid biosynthetic process	P	AT4G15560
23786	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G67280
23787	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G04039
23788	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G21330

23789	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G28190
23790	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G35370
23791	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G39730
23792	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G12250
23793	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G46820
23794	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G47730
23795	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G01500
23796	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G04790
23797	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G55800
23798	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G63140
23799	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G21280
23800	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G24930
23801	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G25100
23802	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G32260
23803	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G38970
23804	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G01600
23805	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G23060
23806	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G30510
23807	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G42270
23808	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G61410
23809	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G64040
23810	4	F23 vs. M23	F2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G29930
23811	4	F23 vs. M23	F2-3	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G67280
23812	4	F23 vs. M23	F2-3	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT2G21330
23813	4	F23 vs. M23	F2-3	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G21280
23814	4	F23 vs. M23	F2-3	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G24930
23815	4	F23 vs. M23	F2-3	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT1G56500
23816	4	F23 vs. M23	F2-3	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT4G38460
23817	4	F23 vs. M23	F2-3	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G20890
23818	4	F23 vs. M23	F2-3	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G30440
23819	4	F23 vs. M23	F2-3	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G45770
23820	4	F23 vs. M23	F2-3	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT5G42270
23821	4	F23 vs. M23	F2-3	GO:0015172	Metabolism	Transporters	acidic amino acid transmembrane transporter activity	F	AT1G24400
23822	4	F23 vs. M23	F2-3	GO:0046715	Metabolism	Transporters	active borate transmembrane transporter activity	F	AT1G80760
23823	4	F23 vs. M23	F2-3	GO:0051503	Metabolism	Transporters	adenine nucleotide transport	P	AT5G17400
23824	4	F23 vs. M23	F2-3	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G39130
23825	4	F23 vs. M23	F2-3	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G24400
23826	4	F23 vs. M23	F2-3	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G39130
23827	4	F23 vs. M23	F2-3	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G24400
23828	4	F23 vs. M23	F2-3	GO:0008519	Metabolism	Transporters	ammonium transmembrane transporter activity	F	AT3G16240
23829	4	F23 vs. M23	F2-3	GO:0005253	Metabolism	Transporters	anion channel activity	F	AT5G49890
23830	4	F23 vs. M23	F2-3	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G06890
23831	4	F23 vs. M23	F2-3	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT2G38330
23832	4	F23 vs. M23	F2-3	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT4G39030
23833	4	F23 vs. M23	F2-3	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G52450
23834	4	F23 vs. M23	F2-3	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G47530
23835	4	F23 vs. M23	F2-3	GO:1901684	Metabolism	Transporters	arsenate ion transmembrane transport	P	AT3G54700
23836	4	F23 vs. M23	F2-3	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT5G13490
23837	4	F23 vs. M23	F2-3	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT5G17400
23838	4	F23 vs. M23	F2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G66950
23839	4	F23 vs. M23	F2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G03900
23840	4	F23 vs. M23	F2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G01320

23841	4	F23 vs. M23	F2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G55100
23842	4	F23 vs. M23	F2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G61690
23843	4	F23 vs. M23	F2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G61700
23844	4	F23 vs. M23	F2-3	GO:0046713	Metabolism	Transporters	borate transport	P	AT1G80760
23845	4	F23 vs. M23	F2-3	GO:0015086	Metabolism	Transporters	cadmium ion transmembrane transporter activity	F	AT1G16310
23846	4	F23 vs. M23	F2-3	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT2G22950
23847	4	F23 vs. M23	F2-3	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT2G38170
23848	4	F23 vs. M23	F2-3	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G21180
23849	4	F23 vs. M23	F2-3	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G57330
23850	4	F23 vs. M23	F2-3	GO:0015085	Metabolism	Transporters	calcium ion transmembrane transporter activity	F	AT2G38170
23851	4	F23 vs. M23	F2-3	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT2G38170
23852	4	F23 vs. M23	F2-3	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT2G22950
23853	4	F23 vs. M23	F2-3	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G21180
23854	4	F23 vs. M23	F2-3	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G57330
23855	4	F23 vs. M23	F2-3	GO:0034219	Metabolism	Transporters	carbohydrate transmembrane transport	P	AT3G05960
23856	4	F23 vs. M23	F2-3	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT2G48020
23857	4	F23 vs. M23	F2-3	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT3G05960
23858	4	F23 vs. M23	F2-3	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G50310
23859	4	F23 vs. M23	F2-3	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G06890
23860	4	F23 vs. M23	F2-3	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G14770
23861	4	F23 vs. M23	F2-3	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G47420
23862	4	F23 vs. M23	F2-3	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G59360
23863	4	F23 vs. M23	F2-3	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT2G48020
23864	4	F23 vs. M23	F2-3	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G05960
23865	4	F23 vs. M23	F2-3	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G51490
23866	4	F23 vs. M23	F2-3	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT1G50310
23867	4	F23 vs. M23	F2-3	GO:0005261	Metabolism	Transporters	cation channel activity	F	AT1G70480
23868	4	F23 vs. M23	F2-3	GO:0008324	Metabolism	Transporters	cation transmembrane transporter activity	F	AT1G16310
23869	4	F23 vs. M23	F2-3	GO:0008324	Metabolism	Transporters	cation transmembrane transporter activity	F	AT5G54250
23870	4	F23 vs. M23	F2-3	GO:0035627	Metabolism	Transporters	ceramide transport	P	AT3G21260
23871	4	F23 vs. M23	F2-3	GO:0015267	Metabolism	Transporters	channel activity	F	AT1G80760
23872	4	F23 vs. M23	F2-3	GO:0015267	Metabolism	Transporters	channel activity	F	AT5G37810
23873	4	F23 vs. M23	F2-3	GO:0034707	Metabolism	Transporters	chloride channel complex	C	AT5G49890
23874	4	F23 vs. M23	F2-3	GO:0015108	Metabolism	Transporters	chloride transmembrane transporter activity	F	AT5G49890
23875	4	F23 vs. M23	F2-3	GO:0006824	Metabolism	Transporters	cobalt ion transport	P	AT2G38460
23876	4	F23 vs. M23	F2-3	GO:0015228	Metabolism	Transporters	coenzyme A transmembrane transporter activity	F	AT1G14560
23877	4	F23 vs. M23	F2-3	GO:0006825	Metabolism	Transporters	copper ion transport	P	AT3G56240
23878	4	F23 vs. M23	F2-3	GO:0005310	Metabolism	Transporters	dicarboxylic acid transmembrane transporter activity	F	AT5G19760
23879	4	F23 vs. M23	F2-3	GO:0006835	Metabolism	Transporters	dicarboxylic acid transport	P	AT5G19760
23880	4	F23 vs. M23	F2-3	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G13870
23881	4	F23 vs. M23	F2-3	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G15880
23882	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT1G06890
23883	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT2G22900
23884	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT2G28520
23885	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT1G13860
23886	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT3G23820
23887	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT3G25140

23888	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT3G28180
23889	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT3G51070
23890	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT4G10440
23891	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT4G19120
23892	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT4G27720
23893	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT4G30996
23894	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT5G05170
23895	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT5G25610
23896	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT5G42050
23897	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT5G65810
23898	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT1G29470
23899	4	F23 vs. M23	F2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT1G33170
23900	4	F23 vs. M23	F2-3	GO:0015093	Metabolism	Transporters	ferrous iron transmembrane transporter activity	F	AT1G16310
23901	4	F23 vs. M23	F2-3	GO:1901349	Metabolism	Transporters	glucosinolate transport	P	AT3G47960
23902	4	F23 vs. M23	F2-3	GO:1901349	Metabolism	Transporters	glucosinolate transport	P	AT5G62680
23903	4	F23 vs. M23	F2-3	GO:0090448	Metabolism	Transporters	glucosinolate:proton symporter activity	F	AT3G47960
23904	4	F23 vs. M23	F2-3	GO:0090448	Metabolism	Transporters	glucosinolate:proton symporter activity	F	AT5G62680
23905	4	F23 vs. M23	F2-3	GO:0015168	Metabolism	Transporters	glycerol transmembrane transporter activity	F	AT1G80760
23906	4	F23 vs. M23	F2-3	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT3G54700
23907	4	F23 vs. M23	F2-3	GO:0031359	Metabolism	Transporters	integral component of chloroplast outer membrane	C	AT3G06510
23908	4	F23 vs. M23	F2-3	GO:0120009	Metabolism	Transporters	intermembrane lipid transfer	P	AT3G21260
23909	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G61290
23910	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G70490
23911	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT2G21880
23912	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G03800
23913	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G16100
23914	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G21700
23915	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT4G17530
23916	4	F23 vs. M23	F2-3	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G54780
23917	4	F23 vs. M23	F2-3	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G15880
23918	4	F23 vs. M23	F2-3	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G54250
23919	4	F23 vs. M23	F2-3	GO:0034755	Metabolism	Transporters	iron ion transmembrane transport	P	AT2G38460
23920	4	F23 vs. M23	F2-3	GO:0005381	Metabolism	Transporters	iron ion transmembrane transporter activity	F	AT2G38460
23921	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G55570
23922	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G76160
23923	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT2G38460
23924	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G11050
23925	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13390
23926	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13400
23927	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT5G01600
23928	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G41830
23929	4	F23 vs. M23	F2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G55560
23930	4	F23 vs. M23	F2-3	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G51600
23931	4	F23 vs. M23	F2-3	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G61690
23932	4	F23 vs. M23	F2-3	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G61700
23933	4	F23 vs. M23	F2-3	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT3G51600
23934	4	F23 vs. M23	F2-3	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G61690
23935	4	F23 vs. M23	F2-3	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G61700
23936	4	F23 vs. M23	F2-3	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT1G52190
23937	4	F23 vs. M23	F2-3	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT4G13800
23938	4	F23 vs. M23	F2-3	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT5G11960
23939	4	F23 vs. M23	F2-3	GO:0015693	Metabolism	Transporters	magnesium ion transport	P	AT4G13800
23940	4	F23 vs. M23	F2-3	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT4G35060
23941	4	F23 vs. M23	F2-3	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT1G51090

23942	4	F23 vs. M23	F2-3	GO:0015200	Metabolism	Transporters	methylammonium transmembrane transporter activity	F	AT3G16240
23943	4	F23 vs. M23	F2-3	GO:0015098	Metabolism	Transporters	molybdate ion transmembrane transporter activity	F	AT4G27720
23944	4	F23 vs. M23	F2-3	GO:0015689	Metabolism	Transporters	molybdate ion transport	P	AT4G27720
23945	4	F23 vs. M23	F2-3	GO:0008028	Metabolism	Transporters	monocarboxylic acid transmembrane transporter activity	F	AT4G12030
23946	4	F23 vs. M23	F2-3	GO:0015145	Metabolism	Transporters	monosaccharide transmembrane transporter activity	F	AT3G05960
23947	4	F23 vs. M23	F2-3	GO:0010360	Metabolism	Transporters	negative regulation of anion channel activity	P	AT4G05590
23948	4	F23 vs. M23	F2-3	GO:0010362	Metabolism	Transporters	negative regulation of anion channel activity by blue light	P	AT3G45780
23949	4	F23 vs. M23	F2-3	GO:1901017	Metabolism	Transporters	negative regulation of potassium ion transmembrane transporter activity	P	AT4G05590
23950	4	F23 vs. M23	F2-3	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT1G24400
23951	4	F23 vs. M23	F2-3	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT1G24400
23952	4	F23 vs. M23	F2-3	GO:1902025	Metabolism	Transporters	nitrate import	P	AT1G72180
23953	4	F23 vs. M23	F2-3	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT1G12110
23954	4	F23 vs. M23	F2-3	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT1G12110
23955	4	F23 vs. M23	F2-3	GO:0044613	Metabolism	Transporters	nuclear pore central transport channel	C	AT1G27970
23956	4	F23 vs. M23	F2-3	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT1G27970
23957	4	F23 vs. M23	F2-3	GO:0005337	Metabolism	Transporters	nucleoside transmembrane transporter activity	F	AT3G51490
23958	4	F23 vs. M23	F2-3	GO:0005338	Metabolism	Transporters	nucleotide-sugar transmembrane transporter activity	F	AT1G06890
23959	4	F23 vs. M23	F2-3	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G68570
23960	4	F23 vs. M23	F2-3	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT2G40460
23961	4	F23 vs. M23	F2-3	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G53960
23962	4	F23 vs. M23	F2-3	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G52190
23963	4	F23 vs. M23	F2-3	GO:0006857	Metabolism	Transporters	oligopeptide transport	P	AT1G12110
23964	4	F23 vs. M23	F2-3	GO:0015367	Metabolism	Transporters	oxoglutarate:malate antiporter activity	F	AT5G19760
23965	4	F23 vs. M23	F2-3	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G68570
23966	4	F23 vs. M23	F2-3	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT2G40460
23967	4	F23 vs. M23	F2-3	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G53960
23968	4	F23 vs. M23	F2-3	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G52190
23969	4	F23 vs. M23	F2-3	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G68570
23970	4	F23 vs. M23	F2-3	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT2G40460
23971	4	F23 vs. M23	F2-3	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G53960
23972	4	F23 vs. M23	F2-3	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G52190
23973	4	F23 vs. M23	F2-3	GO:1990429	Metabolism	Transporters	peroxisomal importomer complex	C	AT3G07560
23974	4	F23 vs. M23	F2-3	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT3G29060
23975	4	F23 vs. M23	F2-3	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT3G54700
23976	4	F23 vs. M23	F2-3	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G29060
23977	4	F23 vs. M23	F2-3	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G54700
23978	4	F23 vs. M23	F2-3	GO:0015914	Metabolism	Transporters	phospholipid transport	P	AT4G36490
23979	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G76030
23980	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G76160
23981	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G79340
23982	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G02130
23983	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G10940
23984	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G09340
23985	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G21480
23986	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G30490
23987	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35840
23988	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36880
23989	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39700
23990	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44060

23991	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44120
23992	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G03770
23993	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G03780
23994	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09440
23995	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G11650
23996	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G14420
23997	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16240
23998	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G17390
23999	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G18780
24000	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G47960
24001	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G51600
24002	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G52470
24003	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G55610
24004	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G60740
24005	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G01850
24006	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G17530
24007	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G20890
24008	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G31700
24009	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G35060
24010	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39110
24011	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39640
24012	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G05170
24013	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G07250
24014	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G08000
24015	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09810
24016	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G19760
24017	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25980
24018	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G54160
24019	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G57350
24020	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G60660
24021	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G62680
24022	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G28270
24023	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G30360
24024	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G41830
24025	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G42470
24026	4	F23 vs. M23	F2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G44170
24027	4	F23 vs. M23	F2-3	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT1G27970
24028	4	F23 vs. M23	F2-3	GO:0016560	Metabolism	Transporters	protein import into peroxisome matrix, docking	P	AT3G07560
24029	4	F23 vs. M23	F2-3	GO:0072659	Metabolism	Transporters	protein localization to plasma membrane	P	AT1G03050
24030	4	F23 vs. M23	F2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G03550
24031	4	F23 vs. M23	F2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G13890
24032	4	F23 vs. M23	F2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G15880
24033	4	F23 vs. M23	F2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G36490
24034	4	F23 vs. M23	F2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G09550
24035	4	F23 vs. M23	F2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G58060
24036	4	F23 vs. M23	F2-3	GO:0015865	Metabolism	Transporters	purine nucleotide transport	P	AT5G13490
24037	4	F23 vs. M23	F2-3	GO:0090481	Metabolism	Transporters	pyrimidine nucleotide-sugar transmembrane transport	P	AT3G59360
24038	4	F23 vs. M23	F2-3	GO:0015165	Metabolism	Transporters	pyrimidine nucleotide-sugar transmembrane transporter activity	F	AT3G59360
24039	4	F23 vs. M23	F2-3	GO:0050833	Metabolism	Transporters	pyruvate transmembrane transporter activity	F	AT4G05590
24040	4	F23 vs. M23	F2-3	GO:1901979	Metabolism	Transporters	regulation of inward rectifier potassium channel activity	P	AT2G31500
24041	4	F23 vs. M23	F2-3	GO:0034765	Metabolism	Transporters	regulation of ion transmembrane transport	P	AT5G49890
24042	4	F23 vs. M23	F2-3	GO:0010966	Metabolism	Transporters	regulation of phosphate transport	P	AT1G20823
24043	4	F23 vs. M23	F2-3	GO:0010155	Metabolism	Transporters	regulation of proton transport	P	AT3G45780

24044	4	F23 vs. M23	F2-3	GO:0048209	Metabolism	Transporters	regulation of vesicle targeting, to, from or within Golgi	P	AT1G15880
24045	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G76160
24046	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G10940
24047	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G43590
24048	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G29360
24049	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G49110
24050	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G53980
24051	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G25900
24052	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G25980
24053	4	F23 vs. M23	F2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G41830
24054	4	F23 vs. M23	F2-3	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G61290
24055	4	F23 vs. M23	F2-3	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G13890
24056	4	F23 vs. M23	F2-3	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT3G03800
24057	4	F23 vs. M23	F2-3	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G15880
24058	4	F23 vs. M23	F2-3	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G03050
24059	4	F23 vs. M23	F2-3	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G61290
24060	4	F23 vs. M23	F2-3	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT3G03800
24061	4	F23 vs. M23	F2-3	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G15880
24062	4	F23 vs. M23	F2-3	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G25240
24063	4	F23 vs. M23	F2-3	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G61290
24064	4	F23 vs. M23	F2-3	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT3G03800
24065	4	F23 vs. M23	F2-3	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G15880
24066	4	F23 vs. M23	F2-3	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT1G22710
24067	4	F23 vs. M23	F2-3	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT1G22710
24068	4	F23 vs. M23	F2-3	GO:0008506	Metabolism	Transporters	sucrose:proton symporter activity	F	AT1G22710
24069	4	F23 vs. M23	F2-3	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT3G14770
24070	4	F23 vs. M23	F2-3	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G12110
24071	4	F23 vs. M23	F2-3	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G54700
24072	4	F23 vs. M23	F2-3	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G24400
24073	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G06890
24074	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G22900
24075	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G28520
24076	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G13860
24077	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G23820
24078	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G25140
24079	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G28180
24080	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G29060
24081	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G51070
24082	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G10440
24083	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G19120
24084	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G27720
24085	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G30996
24086	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G05170
24087	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G25610
24088	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G64740
24089	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G65810
24090	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G29470
24091	4	F23 vs. M23	F2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G33170
24092	4	F23 vs. M23	F2-3	GO:0012510	Metabolism	Transporters	trans-Golgi network transport vesicle membrane	C	AT2G28520
24093	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G66950
24094	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G03900
24095	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G01320
24096	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G36830
24097	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G37180
24098	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G38330

24099	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G12110
24100	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G16240
24101	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G47420
24102	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G47960
24103	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G55100
24104	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G39030
24105	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G13490
24106	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G17400
24107	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G37810
24108	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G60660
24109	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G61700
24110	4	F23 vs. M23	F2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G62680
24111	4	F23 vs. M23	F2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G06890
24112	4	F23 vs. M23	F2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G45870
24113	4	F23 vs. M23	F2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G47420
24114	4	F23 vs. M23	F2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G49890
24115	4	F23 vs. M23	F2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G52450
24116	4	F23 vs. M23	F2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G47530
24117	4	F23 vs. M23	F2-3	GO:0030133	Metabolism	Transporters	transport vesicle	C	AT1G61290
24118	4	F23 vs. M23	F2-3	GO:0030658	Metabolism	Transporters	transport vesicle membrane	C	AT1G03550
24119	4	F23 vs. M23	F2-3	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G02270
24120	4	F23 vs. M23	F2-3	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G61690
24121	4	F23 vs. M23	F2-3	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G61700
24122	4	F23 vs. M23	F2-3	GO:0035674	Metabolism	Transporters	tricarboxylic acid transmembrane transport	P	AT5G19760
24123	4	F23 vs. M23	F2-3	GO:0015142	Metabolism	Transporters	tricarboxylic acid transmembrane transporter activity	F	AT5G19760
24124	4	F23 vs. M23	F2-3	GO:0015790	Metabolism	Transporters	UDP-xylose transmembrane transport	P	AT1G06890
24125	4	F23 vs. M23	F2-3	GO:0005464	Metabolism	Transporters	UDP-xylose transmembrane transporter activity	F	AT1G06890
24126	4	F23 vs. M23	F2-3	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT1G80760
24127	4	F23 vs. M23	F2-3	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT2G36830
24128	4	F23 vs. M23	F2-3	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT3G16240
24129	4	F23 vs. M23	F2-3	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT4G01470
24130	4	F23 vs. M23	F2-3	GO:0015840	Metabolism	Transporters	urea transport	P	AT2G36830
24131	4	F23 vs. M23	F2-3	GO:0015840	Metabolism	Transporters	urea transport	P	AT3G16240
24132	4	F23 vs. M23	F2-3	GO:0015840	Metabolism	Transporters	urea transport	P	AT4G01470
24133	4	F23 vs. M23	F2-3	GO:0043182	Metabolism	Transporters	vacuolar sequestering of sodium ion	P	AT4G30996
24134	4	F23 vs. M23	F2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G70490
24135	4	F23 vs. M23	F2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G13890
24136	4	F23 vs. M23	F2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G17530
24137	4	F23 vs. M23	F2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G01430
24138	4	F23 vs. M23	F2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G09550
24139	4	F23 vs. M23	F2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G58060
24140	4	F23 vs. M23	F2-3	GO:0005247	Metabolism	Transporters	voltage-gated chloride channel activity	F	AT5G49890
24141	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT1G80760
24142	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G36830
24143	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G37180
24144	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G16240
24145	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT4G01470
24146	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT5G37810
24147	4	F23 vs. M23	F2-3	GO:0015250	Metabolism	Transporters	water channel activity	F	AT5G60660
24148	4	F23 vs. M23	F2-3	GO:0006833	Metabolism	Transporters	water transport	P	AT2G36830
24149	4	F23 vs. M23	F2-3	GO:0006833	Metabolism	Transporters	water transport	P	AT2G37180
24150	4	F23 vs. M23	F2-3	GO:0006833	Metabolism	Transporters	water transport	P	AT3G16240
24151	4	F23 vs. M23	F2-3	GO:0006833	Metabolism	Transporters	water transport	P	AT4G01470
24152	4	F23 vs. M23	F2-3	GO:0006833	Metabolism	Transporters	water transport	P	AT5G60660
24153	4	F23 vs. M23	F2-3	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT2G38330

24154	4	F23 vs. M23	F2-3	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT4G39030
24155	4	F23 vs. M23	F2-3	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT5G52450
24156	4	F23 vs. M23	F2-3	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT1G47530
24157	4	F23 vs. M23	F2-3	GO:0042908	Metabolism	Transporters	xenobiotic transport	P	AT1G66950
24158	4	F23 vs. M23	F2-3	GO:0015341	Metabolism	Transporters	zinc efflux active transmembrane transporter activity	F	AT1G16310
24159	4	F23 vs. M23	F2-3	GO:0022883	Metabolism	Transporters	zinc efflux transmembrane transporter activity	F	AT2G48020
24160	4	F23 vs. M23	F2-3	GO:0006829	Metabolism	Transporters	zinc ion transport	P	AT2G48020
24161	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G68530
24162	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G76490
24163	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G30490
24164	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35370
24165	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35840
24166	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36880
24167	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37180
24168	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37760
24169	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37770
24170	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37970
24171	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G39420
24172	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G46210
24173	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G13870
24174	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G16410
24175	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G52720
24176	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G61990
24177	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G24510
24178	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G27790
24179	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G30996
24180	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G36250
24181	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G11650
24182	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G24140
24183	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G37300
24184	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27980
24185	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G44170
24186	4	F23 vs. M23	F2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G44820
24187	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G68530
24188	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G76490
24189	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G46210
24190	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G13860
24191	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G13870
24192	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G16410
24193	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G48780
24194	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G51070
24195	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G10440
24196	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G13770
24197	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G19120
24198	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G17400
24199	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G37300
24200	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G57800
24201	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G27980
24202	4	F23 vs. M23	F2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G33170
24203	4	F23 vs. M23	F2-3	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT2G39730
24204	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03050
24205	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03550
24206	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G70490
24207	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G76030
24208	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G06890
24209	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G09340

24210	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G22900
24211	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G28520
24212	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G30490
24213	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G34850
24214	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G37970
24215	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39420
24216	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39730
24217	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G44060
24218	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G13860
24219	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G09440
24220	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16100
24221	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16240
24222	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G15880
24223	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G23820
24224	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G25140
24225	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G28180
24226	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G29060
24227	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G47960
24228	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G57330
24229	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G58730
24230	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G59360
24231	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G10440
24232	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G13990
24233	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G16590
24234	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G17530
24235	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G19120
24236	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G20890
24237	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G27720
24238	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G30996
24239	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G38740
24240	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G05170
24241	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G11650
24242	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G25610
24243	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G47910
24244	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G25240
24245	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G01980
24246	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G58060
24247	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G64740
24248	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G65810
24249	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G29470
24250	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G33170
24251	4	F23 vs. M23	F2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G44170
24252	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G03550
24253	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G06890
24254	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G22900
24255	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G47040
24256	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G13870
24257	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G15880
24258	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G25140
24259	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G28180
24260	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G13990
24261	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G16590
24262	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G17530
24263	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G36490
24264	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G07250
24265	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G65810

24266	4	F23 vs. M23	F2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G29470
24267	4	F23 vs. M23	F2-3	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT3G59360
24268	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT1G13860
24269	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT3G03780
24270	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT3G51070
24271	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT4G10440
24272	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT4G19120
24273	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT4G34050
24274	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT4G35150
24275	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT5G54160
24276	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT5G65810
24277	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT1G29470
24278	4	F23 vs. M23	F2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT1G33170
24279	4	F23 vs. M23	F2-3	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT1G70490
24280	4	F23 vs. M23	F2-3	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G39400
24281	4	F23 vs. M23	F2-3	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT1G09340
24282	4	F23 vs. M23	F2-3	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G25760
24283	4	F23 vs. M23	F2-3	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT4G21280
24284	4	F23 vs. M23	F2-3	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G38740
24285	4	F23 vs. M23	F2-3	GO:0007023	Regulation	Protein modification	post-chaperonin tubulin folding pathway	P	AT3G60740
24286	4	F23 vs. M23	F2-3	GO:0016540	Regulation	Protein modification	protein autoprocessing	P	AT1G79340
24287	4	F23 vs. M23	F2-3	GO:0016540	Regulation	Protein modification	protein autoprocessing	P	AT5G08100
24288	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G59640
24289	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G77980
24290	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT3G54340
24291	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G00480
24292	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G35150
24293	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G15160
24294	4	F23 vs. M23	F2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G54160
24295	4	F23 vs. M23	F2-3	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G59730
24296	4	F23 vs. M23	F2-3	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G62960
24297	4	F23 vs. M23	F2-3	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT4G15700
24298	4	F23 vs. M23	F2-3	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT5G18600
24299	4	F23 vs. M23	F2-3	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT1G26480
24300	4	F23 vs. M23	F2-3	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G09440
24301	4	F23 vs. M23	F2-3	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G60740
24302	4	F23 vs. M23	F2-3	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT1G19550
24303	4	F23 vs. M23	F2-3	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT5G02790
24304	4	F23 vs. M23	F2-3	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT4G13990
24305	4	F23 vs. M23	F2-3	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT1G69120
24306	4	F23 vs. M23	F2-3	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G13570
24307	4	F23 vs. M23	F2-3	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G01410
24308	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G37630
24309	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G01680
24310	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G28180
24311	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G34710
24312	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G01410
24313	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G63860
24314	4	F23 vs. M23	F2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G45474
24315	4	F23 vs. M23	F2-3	GO:0051289	Regulation	Protein modification	protein homotetramerization	P	AT1G32640
24316	4	F23 vs. M23	F2-3	GO:0008276	Regulation	Protein modification	protein methyltransferase activity	F	AT3G61990
24317	4	F23 vs. M23	F2-3	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT4G38740
24318	4	F23 vs. M23	F2-3	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G01680
24319	4	F23 vs. M23	F2-3	GO:0031386	Regulation	Protein modification	protein tag	F	AT5G20620
24320	4	F23 vs. M23	F2-3	GO:0006605	Regulation	Protein modification	protein targeting	P	AT2G45770

24321	4	F23 vs. M23	F2-3	GO:0006614	Regulation	Protein modification	SRP-dependent cotranslational protein targeting to membrane	P	AT2G45770
24322	4	F23 vs. M23	F2-3	GO:0008113	Regulation	Protein modification	peptide-methionine (S)-S-oxide reductase activity	F	AT5G07460
24323	4	F23 vs. M23	F2-3	GO:0030835	Regulation	Regulation	negative regulation of actin filament depolymerization	P	AT1G76030
24324	4	F23 vs. M23	F2-3	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G47050
24325	4	F23 vs. M23	F2-3	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT4G02250
24326	4	F23 vs. M23	F2-3	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G50030
24327	4	F23 vs. M23	F2-3	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62350
24328	4	F23 vs. M23	F2-3	GO:2000122	Regulation	Regulation	negative regulation of stomatal complex development	P	AT3G01500
24329	4	F23 vs. M23	F2-3	GO:0048639	Regulation	Regulation	positive regulation of developmental growth	P	AT5G65810
24330	4	F23 vs. M23	F2-3	GO:0080114	Regulation	Regulation	positive regulation of glycine hydroxymethyltransferase activity	P	AT5G04140
24331	4	F23 vs. M23	F2-3	GO:0031116	Regulation	Regulation	positive regulation of microtubule polymerization	P	AT2G18390
24332	4	F23 vs. M23	F2-3	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT3G22840
24333	4	F23 vs. M23	F2-3	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT4G14690
24334	4	F23 vs. M23	F2-3	GO:1902458	Regulation	Regulation	positive regulation of stomatal opening	P	AT2G20890
24335	4	F23 vs. M23	F2-3	GO:0051512	Regulation	Regulation	positive regulation of unidimensional cell growth	P	AT5G65810
24336	4	F23 vs. M23	F2-3	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT2G13680
24337	4	F23 vs. M23	F2-3	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT3G21890
24338	4	F23 vs. M23	F2-3	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT1G20823
24339	4	F23 vs. M23	F2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G54950
24340	4	F23 vs. M23	F2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G61880
24341	4	F23 vs. M23	F2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT5G15160
24342	4	F23 vs. M23	F2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT5G56750
24343	4	F23 vs. M23	F2-3	GO:2000025	Regulation	Regulation	regulation of leaf formation	P	AT2G42200
24344	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G77980
24345	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G13680
24346	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G21480
24347	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G31500
24348	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT3G20190
24349	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT4G39110
24350	4	F23 vs. M23	F2-3	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G28270
24351	4	F23 vs. M23	F2-3	GO:2000652	Regulation	Regulation	regulation of secondary cell wall biogenesis	P	AT1G32640
24352	4	F23 vs. M23	F2-3	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT1G72180
24353	4	F23 vs. M23	F2-3	GO:0090153	Regulation	Regulation	regulation of sphingolipid biosynthetic process	P	AT1G42470
24354	4	F23 vs. M23	F2-3	GO:0006306	Regulation	Transcription	DNA methylation	P	AT3G17310
24355	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G59640
24356	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G69120
24357	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G77980
24358	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G13570
24359	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G23760
24360	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G37630
24361	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G40140
24362	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42200
24363	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G01250
24364	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G21890
24365	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G54340
24366	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G57600
24367	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G00480
24368	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G08150
24369	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G17500
24370	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G37180
24371	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G23380
24372	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G15160

24373	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G20240
24374	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G24120
24375	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G26610
24376	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G27730
24377	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G30330
24378	4	F23 vs. M23	F2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G32640
24379	4	F23 vs. M23	F2-3	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT5G24120
24380	4	F23 vs. M23	F2-3	GO:0032783	Regulation	Transcription	ELL-EAF complex	C	AT1G71080
24381	4	F23 vs. M23	F2-3	GO:0016458	Regulation	Transcription	gene silencing	P	AT3G02470
24382	4	F23 vs. M23	F2-3	GO:0035195	Regulation	Transcription	gene silencing by miRNA	P	AT2G28190
24383	4	F23 vs. M23	F2-3	GO:0008883	Regulation	Transcription	glutamyl-tRNA reductase activity	F	AT1G58290
24384	4	F23 vs. M23	F2-3	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G19130
24385	4	F23 vs. M23	F2-3	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G22760
24386	4	F23 vs. M23	F2-3	GO:0010629	Regulation	Transcription	negative regulation of gene expression	P	AT4G37180
24387	4	F23 vs. M23	F2-3	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT5G18600
24388	4	F23 vs. M23	F2-3	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT2G37630
24389	4	F23 vs. M23	F2-3	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G27730
24390	4	F23 vs. M23	F2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G37630
24391	4	F23 vs. M23	F2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G44120
24392	4	F23 vs. M23	F2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G17390
24393	4	F23 vs. M23	F2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G01850
24394	4	F23 vs. M23	F2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G31700
24395	4	F23 vs. M23	F2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G09810
24396	4	F23 vs. M23	F2-3	GO:0070816	Regulation	Transcription	phosphorylation of RNA polymerase II C-terminal domain	P	AT1G09600
24397	4	F23 vs. M23	F2-3	GO:0000427	Regulation	Transcription	plastid-encoded plastid RNA polymerase complex	C	AT1G09340
24398	4	F23 vs. M23	F2-3	GO:0008143	Regulation	Transcription	poly(A) binding	F	AT3G19130
24399	4	F23 vs. M23	F2-3	GO:0008143	Regulation	Transcription	poly(A) binding	F	AT1G22760
24400	4	F23 vs. M23	F2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G69120
24401	4	F23 vs. M23	F2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G77980
24402	4	F23 vs. M23	F2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G54340
24403	4	F23 vs. M23	F2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G20240
24404	4	F23 vs. M23	F2-3	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT1G09600
24405	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G69120
24406	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G13570
24407	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G09340
24408	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G57600
24409	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G63140
24410	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G17500
24411	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G24120
24412	4	F23 vs. M23	F2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G32640
24413	4	F23 vs. M23	F2-3	GO:0051090	Regulation	Transcription	regulation of DNA-binding transcription factor activity	P	AT1G32640
24414	4	F23 vs. M23	F2-3	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT1G09340
24415	4	F23 vs. M23	F2-3	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT1G18150
24416	4	F23 vs. M23	F2-3	GO:2001141	Regulation	Transcription	regulation of RNA biosynthetic process	P	AT5G24120
24417	4	F23 vs. M23	F2-3	GO:0043619	Regulation	Transcription	regulation of transcription from RNA polymerase II promoter in response to oxidative stress	P	AT1G32640
24418	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G59640
24419	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G71080

24420	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G77980
24421	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G23760
24422	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G40140
24423	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G42200
24424	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G01250
24425	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21890
24426	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G00480
24427	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G08150
24428	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G17500
24429	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37180
24430	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G23380
24431	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G26610
24432	4	F23 vs. M23	F2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G30330
24433	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G78160
24434	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G02990
24435	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G09340
24436	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G19090
24437	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G22760
24438	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G15390
24439	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G54760
24440	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G54940
24441	4	F23 vs. M23	F2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G56140
24442	4	F23 vs. M23	F2-3	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G09600
24443	4	F23 vs. M23	F2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G69120
24444	4	F23 vs. M23	F2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G77980
24445	4	F23 vs. M23	F2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G54340
24446	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G59640
24447	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G69120
24448	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G74910
24449	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G77980
24450	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G13570
24451	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G37630
24452	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G54340
24453	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G57600
24454	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G08150
24455	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G27730
24456	4	F23 vs. M23	F2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G32640
24457	4	F23 vs. M23	F2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G69120
24458	4	F23 vs. M23	F2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G77980
24459	4	F23 vs. M23	F2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G54340
24460	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G69120
24461	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G74910
24462	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G77980
24463	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G22900
24464	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G37630
24465	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21890
24466	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G54340
24467	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G57600
24468	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G17500
24469	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37180
24470	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G01780
24471	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G23380

24472	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G20240
24473	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G26610
24474	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G27730
24475	4	F23 vs. M23	F2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G32640
24476	4	F23 vs. M23	F2-3	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT2G37630
24477	4	F23 vs. M23	F2-3	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G71080
24478	4	F23 vs. M23	F2-3	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT2G45730
24479	4	F23 vs. M23	F2-3	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G22760
24480	4	F23 vs. M23	F2-3	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G54760
24481	4	F23 vs. M23	F2-3	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G54940
24482	4	F23 vs. M23	F2-3	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G44120
24483	4	F23 vs. M23	F2-3	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G55170
24484	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G66200
24485	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G21330
24486	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G11860
24487	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G44120
24488	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G09440
24489	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G14420
24490	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G17820
24491	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G18080
24492	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G31700
24493	4	F23 vs. M23	F2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G25980
24494	4	F23 vs. M23	F2-3	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G31700
24495	4	F23 vs. M23	F2-3	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G44120
24496	4	F23 vs. M23	F2-3	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G55170
24497	4	F23 vs. M23	F2-3	GO:0003730	Regulation	Translation	mRNA 3'-UTR binding	F	AT1G22760
24498	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G78160
24499	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G79270
24500	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G43970
24501	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G44120
24502	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G17390
24503	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G19130
24504	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G45780
24505	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G55170
24506	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G20890
24507	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G31700
24508	4	F23 vs. M23	F2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G30510
24509	4	F23 vs. M23	F2-3	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT1G22760
24510	4	F23 vs. M23	F2-3	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G68010
24511	4	F23 vs. M23	F2-3	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT3G63140
24512	4	F23 vs. M23	F2-3	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G22760
24513	4	F23 vs. M23	F2-3	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT1G09340
24514	4	F23 vs. M23	F2-3	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT3G08730
24515	4	F23 vs. M23	F2-3	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT3G63140
24516	4	F23 vs. M23	F2-3	GO:0060211	Regulation	Translation	regulation of nuclear-transcribed mRNA poly(A) tail shortening	P	AT1G22760
24517	4	F23 vs. M23	F2-3	GO:0051252	Regulation	Translation	regulation of RNA metabolic process	P	AT5G16450
24518	4	F23 vs. M23	F2-3	GO:0051252	Regulation	Translation	regulation of RNA metabolic process	P	AT5G56260
24519	4	F23 vs. M23	F2-3	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G78160
24520	4	F23 vs. M23	F2-3	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G22760
24521	4	F23 vs. M23	F2-3	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT2G02990
24522	4	F23 vs. M23	F2-3	GO:0008428	Regulation	Translation	ribonuclease inhibitor activity	F	AT5G16450
24523	4	F23 vs. M23	F2-3	GO:0008428	Regulation	Translation	ribonuclease inhibitor activity	F	AT5G56260

24524	4	F23 vs. M23	F2-3	GO:0033897	Regulation	Translation	ribonuclease T2 activity	F	AT2G02990
24525	4	F23 vs. M23	F2-3	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT2G43970
24526	4	F23 vs. M23	F2-3	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT3G19090
24527	4	F23 vs. M23	F2-3	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT1G22760
24528	4	F23 vs. M23	F2-3	GO:0005840	Regulation	Translation	ribosome	C	AT2G18400
24529	4	F23 vs. M23	F2-3	GO:0005840	Regulation	Translation	ribosome	C	AT1G09340
24530	4	F23 vs. M23	F2-3	GO:0005840	Regulation	Translation	ribosome	C	AT5G30510
24531	4	F23 vs. M23	F2-3	GO:0006396	Regulation	Translation	RNA processing	P	AT2G43970
24532	4	F23 vs. M23	F2-3	GO:0006396	Regulation	Translation	RNA processing	P	AT3G19090
24533	4	F23 vs. M23	F2-3	GO:0019843	Regulation	Translation	rRNA binding	F	AT2G18400
24534	4	F23 vs. M23	F2-3	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G09340
24535	4	F23 vs. M23	F2-3	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G63140
24536	4	F23 vs. M23	F2-3	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G09340
24537	4	F23 vs. M23	F2-3	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G63140
24538	4	F23 vs. M23	F2-3	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G18400
24539	4	F23 vs. M23	F2-3	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G44120
24540	4	F23 vs. M23	F2-3	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G30510
24541	4	F23 vs. M23	F2-3	GO:0006412	Regulation	Translation	translation	P	AT2G18400
24542	4	F23 vs. M23	F2-3	GO:0006412	Regulation	Translation	translation	P	AT3G55170
24543	4	F23 vs. M23	F2-3	GO:0006412	Regulation	Translation	translation	P	AT4G31700
24544	4	F23 vs. M23	F2-3	GO:0006412	Regulation	Translation	translation	P	AT5G30510
24545	4	F23 vs. M23	F2-3	GO:0006414	Regulation	Translation	translational elongation	P	AT1G71080
24546	4	F23 vs. M23	F2-3	GO:0006413	Regulation	Translation	translational initiation	P	AT2G45730
24547	4	F23 vs. M23	F2-3	GO:0006413	Regulation	Translation	translational initiation	P	AT5G54760
24548	4	F23 vs. M23	F2-3	GO:0006413	Regulation	Translation	translational initiation	P	AT5G54940
24549	4	F23 vs. M23	F2-3	GO:0016429	Regulation	Translation	tRNA (adenine-N1-)-methyltransferase activity	F	AT2G45730
24550	4	F23 vs. M23	F2-3	GO:0009020	Regulation	Translation	tRNA (guanosine-2'-O-)-methyltransferase activity	F	AT5G15390
24551	4	F23 vs. M23	F2-3	GO:0031515	Regulation	Translation	tRNA (m1A) methyltransferase complex	C	AT2G45730
24552	4	F23 vs. M23	F2-3	GO:0002938	Regulation	Translation	tRNA guanine ribose methylation	P	AT5G15390
24553	4	F23 vs. M23	F2-3	GO:0030488	Regulation	Translation	tRNA methylation	P	AT2G45730
24554	4	F23 vs. M23	F2-3	GO:0004430	Signaling and response	Signaling	1-phosphatidylinositol 4-kinase activity	F	AT3G56600
24555	4	F23 vs. M23	F2-3	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT3G07960
24556	4	F23 vs. M23	F2-3	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT1G21980
24557	4	F23 vs. M23	F2-3	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G17790
24558	4	F23 vs. M23	F2-3	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G52780
24559	4	F23 vs. M23	F2-3	GO:0090630	Signaling and response	Signaling	activation of GTPase activity	P	AT5G54780
24560	4	F23 vs. M23	F2-3	GO:0060918	Signaling and response	Signaling	auxin transport	P	AT5G56750
24561	4	F23 vs. M23	F2-3	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G12110
24562	4	F23 vs. M23	F2-3	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G30330
24563	4	F23 vs. M23	F2-3	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT3G45780
24564	4	F23 vs. M23	F2-3	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT4G38740
24565	4	F23 vs. M23	F2-3	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G38740
24566	4	F23 vs. M23	F2-3	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G50990
24567	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G64060
24568	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G76130
24569	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G31500
24570	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G41860
24571	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G03430
24572	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G51920
24573	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G21280
24574	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G26470
24575	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G27790
24576	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G17480
24577	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G19450

24578	4	F23 vs. M23	F2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G47910
24579	4	F23 vs. M23	F2-3	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G31500
24580	4	F23 vs. M23	F2-3	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G41860
24581	4	F23 vs. M23	F2-3	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT5G19450
24582	4	F23 vs. M23	F2-3	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT2G18470
24583	4	F23 vs. M23	F2-3	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT3G51920
24584	4	F23 vs. M23	F2-3	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT4G26470
24585	4	F23 vs. M23	F2-3	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT1G28270
24586	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G65960
24587	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G22950
24588	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G31500
24589	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G41860
24590	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G21180
24591	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G43120
24592	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G18150
24593	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G57330
24594	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G19450
24595	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G54250
24596	4	F23 vs. M23	F2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G64040
24597	4	F23 vs. M23	F2-3	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G31500
24598	4	F23 vs. M23	F2-3	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G41860
24599	4	F23 vs. M23	F2-3	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT5G19450
24600	4	F23 vs. M23	F2-3	GO:0007166	Signaling and response	Signaling	cell surface receptor signaling pathway	P	AT5G45840
24601	4	F23 vs. M23	F2-3	GO:0007267	Signaling and response	Signaling	cell-cell signaling	P	AT1G28270
24602	4	F23 vs. M23	F2-3	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT3G22840
24603	4	F23 vs. M23	F2-3	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT4G14690
24604	4	F23 vs. M23	F2-3	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT5G24120
24605	4	F23 vs. M23	F2-3	GO:0080029	Signaling and response	Signaling	cellular response to boron-containing substance levels	P	AT1G80760
24606	4	F23 vs. M23	F2-3	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT5G23060
24607	4	F23 vs. M23	F2-3	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT2G46210
24608	4	F23 vs. M23	F2-3	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT1G20823
24609	4	F23 vs. M23	F2-3	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT3G22840
24610	4	F23 vs. M23	F2-3	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT4G14690
24611	4	F23 vs. M23	F2-3	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G68010
24612	4	F23 vs. M23	F2-3	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT3G22840
24613	4	F23 vs. M23	F2-3	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT4G14690
24614	4	F23 vs. M23	F2-3	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT2G28190
24615	4	F23 vs. M23	F2-3	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT1G09340
24616	4	F23 vs. M23	F2-3	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G01060
24617	4	F23 vs. M23	F2-3	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G21890
24618	4	F23 vs. M23	F2-3	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G45780
24619	4	F23 vs. M23	F2-3	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G25100
24620	4	F23 vs. M23	F2-3	GO:0009691	Signaling and response	Signaling	cytokinin biosynthetic process	P	AT2G28305
24621	4	F23 vs. M23	F2-3	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G17790
24622	4	F23 vs. M23	F2-3	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G52780
24623	4	F23 vs. M23	F2-3	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G39400
24624	4	F23 vs. M23	F2-3	GO:0005513	Signaling and response	Signaling	detection of calcium ion	P	AT3G51920
24625	4	F23 vs. M23	F2-3	GO:0009649	Signaling and response	Signaling	entrainment of circadian clock	P	AT5G63860
24626	4	F23 vs. M23	F2-3	GO:0106167	Signaling and response	Signaling	extracellular ATP signaling	P	AT1G32640
24627	4	F23 vs. M23	F2-3	GO:0007186	Signaling and response	Signaling	G protein-coupled receptor signaling pathway	P	AT2G20890
24628	4	F23 vs. M23	F2-3	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT1G74670
24629	4	F23 vs. M23	F2-3	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G36830

24630	4	F23 vs. M23	F2-3	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT5G15160
24631	4	F23 vs. M23	F2-3	GO:0010255	Signaling and response	Signaling	glucose mediated signaling pathway	P	AT1G76030
24632	4	F23 vs. M23	F2-3	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT2G18390
24633	4	F23 vs. M23	F2-3	GO:0010279	Signaling and response	Signaling	indole-3-acetic acid amido synthetase activity	F	AT2G23170
24634	4	F23 vs. M23	F2-3	GO:0046855	Signaling and response	Signaling	inositol phosphate dephosphorylation	P	AT1G31190
24635	4	F23 vs. M23	F2-3	GO:0007229	Signaling and response	Signaling	integrin-mediated signaling pathway	P	AT4G18950
24636	4	F23 vs. M23	F2-3	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G20470
24637	4	F23 vs. M23	F2-3	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G31500
24638	4	F23 vs. M23	F2-3	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G41860
24639	4	F23 vs. M23	F2-3	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT1G18150
24640	4	F23 vs. M23	F2-3	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT5G19450
24641	4	F23 vs. M23	F2-3	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G70480
24642	4	F23 vs. M23	F2-3	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G25760
24643	4	F23 vs. M23	F2-3	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G45140
24644	4	F23 vs. M23	F2-3	GO:0120091	Signaling and response	Signaling	jasmonic acid hydrolase	F	AT3G55970
24645	4	F23 vs. M23	F2-3	GO:0120091	Signaling and response	Signaling	jasmonic acid hydrolase	F	AT5G05600
24646	4	F23 vs. M23	F2-3	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G19180
24647	4	F23 vs. M23	F2-3	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G32640
24648	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G72180
24649	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G78940
24650	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G20470
24651	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G21480
24652	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G08730
24653	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G20190
24654	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G45780
24655	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G15530
24656	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G20300
24657	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G25030
24658	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G39110
24659	4	F23 vs. M23	F2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G12000
24660	4	F23 vs. M23	F2-3	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT1G32640
24661	4	F23 vs. M23	F2-3	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G12620
24662	4	F23 vs. M23	F2-3	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT4G31750
24663	4	F23 vs. M23	F2-3	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT1G18150
24664	4	F23 vs. M23	F2-3	GO:0009959	Signaling and response	Signaling	negative gravitropism	P	AT5G58960
24665	4	F23 vs. M23	F2-3	GO:0004715	Signaling and response	Signaling	non-membrane spanning protein tyrosine kinase activity	F	AT3G59350
24666	4	F23 vs. M23	F2-3	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT1G64060
24667	4	F23 vs. M23	F2-3	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT5G47910
24668	4	F23 vs. M23	F2-3	GO:0002221	Signaling and response	Signaling	pattern recognition receptor signaling pathway	P	AT3G49110
24669	4	F23 vs. M23	F2-3	GO:0017046	Signaling and response	Signaling	peptide hormone binding	F	AT1G72180
24670	4	F23 vs. M23	F2-3	GO:0001653	Signaling and response	Signaling	peptide receptor activity	F	AT1G72180
24671	4	F23 vs. M23	F2-3	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G20470
24672	4	F23 vs. M23	F2-3	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G31500
24673	4	F23 vs. M23	F2-3	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G41860
24674	4	F23 vs. M23	F2-3	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G61160
24675	4	F23 vs. M23	F2-3	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT5G19450
24676	4	F23 vs. M23	F2-3	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT3G61160
24677	4	F23 vs. M23	F2-3	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT2G38110
24678	4	F23 vs. M23	F2-3	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT3G17790
24679	4	F23 vs. M23	F2-3	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT5G39400
24680	4	F23 vs. M23	F2-3	GO:0046856	Signaling and response	Signaling	phosphatidylinositol dephosphorylation	P	AT5G39400
24681	4	F23 vs. M23	F2-3	GO:0016307	Signaling and response	Signaling	phosphatidylinositol phosphate kinase activity	F	AT1G21980

24682	4	F23 vs. M23	F2-3	GO:0052866	Signaling and response	Signaling	phosphatidylinositol phosphate phosphatase activity	F	AT5G39400
24683	4	F23 vs. M23	F2-3	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT3G08510
24684	4	F23 vs. M23	F2-3	GO:0016314	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase activity	F	AT5G39400
24685	4	F23 vs. M23	F2-3	GO:0016004	Signaling and response	Signaling	phospholipase activator activity	F	AT1G70490
24686	4	F23 vs. M23	F2-3	GO:0004620	Signaling and response	Signaling	phospholipase activity	F	AT3G54950
24687	4	F23 vs. M23	F2-3	GO:0004629	Signaling and response	Signaling	phospholipase C activity	F	AT3G08510
24688	4	F23 vs. M23	F2-3	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT5G42270
24689	4	F23 vs. M23	F2-3	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT3G48780
24690	4	F23 vs. M23	F2-3	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT5G15160
24691	4	F23 vs. M23	F2-3	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT1G12110
24692	4	F23 vs. M23	F2-3	GO:0009881	Signaling and response	Signaling	photoreceptor activity	F	AT2G47590
24693	4	F23 vs. M23	F2-3	GO:0009881	Signaling and response	Signaling	photoreceptor activity	F	AT5G63860
24694	4	F23 vs. M23	F2-3	GO:0009638	Signaling and response	Signaling	phototropism	P	AT3G45780
24695	4	F23 vs. M23	F2-3	GO:0010601	Signaling and response	Signaling	positive regulation of auxin biosynthetic process	P	AT3G08510
24696	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G21480
24697	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G31500
24698	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G41860
24699	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G03770
24700	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G45780
24701	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G61160
24702	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G39110
24703	4	F23 vs. M23	F2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G19450
24704	4	F23 vs. M23	F2-3	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G05580
24705	4	F23 vs. M23	F2-3	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G12620
24706	4	F23 vs. M23	F2-3	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT4G31750
24707	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G18470
24708	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G21480
24709	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G31500
24710	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G03770
24711	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G07700
24712	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G08730
24713	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G20190
24714	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G24190
24715	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G45780
24716	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G18950
24717	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G39110
24718	4	F23 vs. M23	F2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G12000
24719	4	F23 vs. M23	F2-3	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT3G59350
24720	4	F23 vs. M23	F2-3	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT1G24020
24721	4	F23 vs. M23	F2-3	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT1G26480
24722	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G16750
24723	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G17220
24724	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G18470
24725	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G09600
24726	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G08730
24727	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G20190
24728	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G24190
24729	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G45780
24730	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G59350
24731	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G59830
24732	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G18950
24733	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G12000
24734	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G19450
24735	4	F23 vs. M23	F2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G45840

24736	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G72180
24737	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G17220
24738	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G20470
24739	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G21480
24740	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G08730
24741	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G45780
24742	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G59830
24743	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G61160
24744	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G18950
24745	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G39110
24746	4	F23 vs. M23	F2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G45840
24747	4	F23 vs. M23	F2-3	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G05580
24748	4	F23 vs. M23	F2-3	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G12620
24749	4	F23 vs. M23	F2-3	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT4G31750
24750	4	F23 vs. M23	F2-3	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT3G59830
24751	4	F23 vs. M23	F2-3	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT4G18950
24752	4	F23 vs. M23	F2-3	GO:0004725	Signaling and response	Signaling	protein tyrosine phosphatase activity	F	AT5G39400
24753	4	F23 vs. M23	F2-3	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT5G39400
24754	4	F23 vs. M23	F2-3	GO:0005093	Signaling and response	Signaling	Rab GDP-dissociation inhibitor activity	F	AT5G09550
24755	4	F23 vs. M23	F2-3	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G09550
24756	4	F23 vs. M23	F2-3	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G54780
24757	4	F23 vs. M23	F2-3	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT2G21880
24758	4	F23 vs. M23	F2-3	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G16100
24759	4	F23 vs. M23	F2-3	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G21700
24760	4	F23 vs. M23	F2-3	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT4G17530
24761	4	F23 vs. M23	F2-3	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT1G62450
24762	4	F23 vs. M23	F2-3	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT1G12070
24763	4	F23 vs. M23	F2-3	GO:0008536	Signaling and response	Signaling	Ran GTPase binding	F	AT1G27970
24764	4	F23 vs. M23	F2-3	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G37970
24765	4	F23 vs. M23	F2-3	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G38740
24766	4	F23 vs. M23	F2-3	GO:2000012	Signaling and response	Signaling	regulation of auxin polar transport	P	AT5G56750
24767	4	F23 vs. M23	F2-3	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G16310
24768	4	F23 vs. M23	F2-3	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT3G55970
24769	4	F23 vs. M23	F2-3	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G19180
24770	4	F23 vs. M23	F2-3	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G05600
24771	4	F23 vs. M23	F2-3	GO:0001932	Signaling and response	Signaling	regulation of protein phosphorylation	P	AT4G38740
24772	4	F23 vs. M23	F2-3	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT1G72180
24773	4	F23 vs. M23	F2-3	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT1G16310
24774	4	F23 vs. M23	F2-3	GO:0048510	Signaling and response	Signaling	regulation of timing of transition from vegetative to reproductive phase	P	AT5G15160
24775	4	F23 vs. M23	F2-3	GO:0060320	Signaling and response	Signaling	rejection of self pollen	P	AT5G26060
24776	4	F23 vs. M23	F2-3	GO:0048838	Signaling and response	Signaling	release of seed from dormancy	P	AT4G19230
24777	4	F23 vs. M23	F2-3	GO:0060359	Signaling and response	Signaling	response to ammonium ion	P	AT2G39770
24778	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G37630
24779	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G20220
24780	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G43120
24781	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G00880
24782	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G08640
24783	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G09810
24784	4	F23 vs. M23	F2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G30330

24785	4	F23 vs. M23	F2-3	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT2G17265
24786	4	F23 vs. M23	F2-3	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G45140
24787	4	F23 vs. M23	F2-3	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT4G37990
24788	4	F23 vs. M23	F2-3	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G01600
24789	4	F23 vs. M23	F2-3	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G24530
24790	4	F23 vs. M23	F2-3	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT3G45780
24791	4	F23 vs. M23	F2-3	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT1G19150
24792	4	F23 vs. M23	F2-3	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G24120
24793	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G70730
24794	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G74910
24795	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G76030
24796	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G21330
24797	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G11860
24798	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G35840
24799	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G37630
24800	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G37760
24801	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G44060
24802	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G03780
24803	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G04120
24804	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G09440
24805	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G17820
24806	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G48000
24807	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G53620
24808	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G56240
24809	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G04460
24810	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G20890
24811	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G25100
24812	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G26970
24813	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G33010
24814	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G34050
24815	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G38740
24816	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G38970
24817	4	F23 vs. M23	F2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G02790
24818	4	F23 vs. M23	F2-3	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT3G01500
24819	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT2G40140
24820	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G17500
24821	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G20823
24822	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G64660
24823	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G66070
24824	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G27730
24825	4	F23 vs. M23	F2-3	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G32640
24826	4	F23 vs. M23	F2-3	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT2G28190
24827	4	F23 vs. M23	F2-3	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT4G25100
24828	4	F23 vs. M23	F2-3	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT3G18780
24829	4	F23 vs. M23	F2-3	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT3G18780
24830	4	F23 vs. M23	F2-3	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT1G19150
24831	4	F23 vs. M23	F2-3	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT4G14690
24832	4	F23 vs. M23	F2-3	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G24120
24833	4	F23 vs. M23	F2-3	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT1G74670
24834	4	F23 vs. M23	F2-3	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT2G37630
24835	4	F23 vs. M23	F2-3	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G74670
24836	4	F23 vs. M23	F2-3	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G20700
24837	4	F23 vs. M23	F2-3	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT2G28190
24838	4	F23 vs. M23	F2-3	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G11050
24839	4	F23 vs. M23	F2-3	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT5G01600
24840	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G24210

24841	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G34810
24842	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G37630
24843	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39730
24844	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39770
24845	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G45140
24846	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G18150
24847	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G19180
24848	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G12030
24849	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G34710
24850	4	F23 vs. M23	F2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G32640
24851	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G74670
24852	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G80530
24853	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G23910
24854	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G30490
24855	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G37040
24856	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G47730
24857	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G09440
24858	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G22840
24859	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G34710
24860	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G02270
24861	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G05600
24862	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G07460
24863	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G08640
24864	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G57785
24865	4	F23 vs. M23	F2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G62680
24866	4	F23 vs. M23	F2-3	GO:0009642	Signaling and response	Signaling	response to light intensity	P	AT4G25100
24867	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G58290
24868	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G60950
24869	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G68530
24870	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G28190
24871	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G30490
24872	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G39730
24873	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G19710
24874	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G16880
24875	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G49110
24876	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G19150
24877	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G38740
24878	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G04140
24879	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G08640
24880	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G09810
24881	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G29930
24882	4	F23 vs. M23	F2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G45474
24883	4	F23 vs. M23	F2-3	GO:0010555	Signaling and response	Signaling	response to mannitol	P	AT1G72180
24884	4	F23 vs. M23	F2-3	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G20700
24885	4	F23 vs. M23	F2-3	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT2G15620
24886	4	F23 vs. M23	F2-3	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT1G12110
24887	4	F23 vs. M23	F2-3	GO:0080184	Signaling and response	Signaling	response to phenylpropanoid	P	AT2G01520
24888	4	F23 vs. M23	F2-3	GO:0010114	Signaling and response	Signaling	response to red light	P	AT3G18780
24889	4	F23 vs. M23	F2-3	GO:0010114	Signaling and response	Signaling	response to red light	P	AT1G19150
24890	4	F23 vs. M23	F2-3	GO:0010114	Signaling and response	Signaling	response to red light	P	AT4G14690
24891	4	F23 vs. M23	F2-3	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G24120
24892	4	F23 vs. M23	F2-3	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT4G19230
24893	4	F23 vs. M23	F2-3	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT5G58960
24894	4	F23 vs. M23	F2-3	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G37630
24895	4	F23 vs. M23	F2-3	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G39030
24896	4	F23 vs. M23	F2-3	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G24530

24897	4	F23 vs. M23	F2-3	GO:0050896	Signaling and response	Signaling	response to stimulus	P	AT2G47590
24898	4	F23 vs. M23	F2-3	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G74670
24899	4	F23 vs. M23	F2-3	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G04120
24900	4	F23 vs. M23	F2-3	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G16880
24901	4	F23 vs. M23	F2-3	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G04140
24902	4	F23 vs. M23	F2-3	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20700
24903	4	F23 vs. M23	F2-3	GO:0009411	Signaling and response	Signaling	response to UV	P	AT4G13770
24904	4	F23 vs. M23	F2-3	GO:0009411	Signaling and response	Signaling	response to UV	P	AT5G63860
24905	4	F23 vs. M23	F2-3	GO:0010266	Signaling and response	Signaling	response to vitamin B1	P	AT2G29630
24906	4	F23 vs. M23	F2-3	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT2G01520
24907	4	F23 vs. M23	F2-3	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT5G01600
24908	4	F23 vs. M23	F2-3	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT1G62450
24909	4	F23 vs. M23	F2-3	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT1G12070
24910	4	F23 vs. M23	F2-3	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT4G39030
24911	4	F23 vs. M23	F2-3	GO:0006465	Signaling and response	Signaling	signal peptide processing	P	AT2G30440
24912	4	F23 vs. M23	F2-3	GO:0005047	Signaling and response	Signaling	signal recognition particle binding	F	AT2G45770
24913	4	F23 vs. M23	F2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G18150
24914	4	F23 vs. M23	F2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G54800
24915	4	F23 vs. M23	F2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G61160
24916	4	F23 vs. M23	F2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT4G38740
24917	4	F23 vs. M23	F2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G31190
24918	4	F23 vs. M23	F2-3	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT1G24020
24919	4	F23 vs. M23	F2-3	GO:0007264	Signaling and response	Signaling	small GTPase mediated signal transduction	P	AT5G09550
24920	4	F23 vs. M23	F2-3	GO:0016229	Signaling and response	Signaling	steroid dehydrogenase activity	F	AT2G37760
24921	4	F23 vs. M23	F2-3	GO:0016229	Signaling and response	Signaling	steroid dehydrogenase activity	F	AT2G37770
24922	4	F23 vs. M23	F2-3	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT1G76490
24923	4	F23 vs. M23	F2-3	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT5G24140
24924	4	F23 vs. M23	F2-3	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G15440
24925	4	F23 vs. M23	F2-3	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G19230
24926	4	F23 vs. M23	F2-3	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT1G32080
24927	4	F23 vs. M23	F2-3	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT2G20890
24928	4	F23 vs. M23	F2-3	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT1G72180
24929	4	F23 vs. M23	F2-3	GO:0010295	Signaling and response	Stress	(+)-abscisic acid 8'-hydroxylase activity	F	AT4G19230
24930	4	F23 vs. M23	F2-3	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT5G08000
24931	4	F23 vs. M23	F2-3	GO:0006075	Signaling and response	Stress	(1->3)-beta-D-glucan biosynthetic process	P	AT2G13680
24932	4	F23 vs. M23	F2-3	GO:0003843	Signaling and response	Stress	1,3-beta-D-glucan synthase activity	F	AT2G13680
24933	4	F23 vs. M23	F2-3	GO:0000148	Signaling and response	Stress	1,3-beta-D-glucan synthase complex	C	AT2G13680
24934	4	F23 vs. M23	F2-3	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT1G24020
24935	4	F23 vs. M23	F2-3	GO:0046345	Signaling and response	Stress	abscisic acid catabolic process	P	AT4G19230
24936	4	F23 vs. M23	F2-3	GO:0009687	Signaling and response	Stress	abscisic acid metabolic process	P	AT4G19230
24937	4	F23 vs. M23	F2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G64060
24938	4	F23 vs. M23	F2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G70790
24939	4	F23 vs. M23	F2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G18470
24940	4	F23 vs. M23	F2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G24020
24941	4	F23 vs. M23	F2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G25980
24942	4	F23 vs. M23	F2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G32640
24943	4	F23 vs. M23	F2-3	GO:0007568	Signaling and response	Stress	aging	P	AT2G02990
24944	4	F23 vs. M23	F2-3	GO:0007568	Signaling and response	Stress	aging	P	AT3G50210
24945	4	F23 vs. M23	F2-3	GO:0007568	Signaling and response	Stress	aging	P	AT3G56240
24946	4	F23 vs. M23	F2-3	GO:0055081	Signaling and response	Stress	anion homeostasis	P	AT3G57330
24947	4	F23 vs. M23	F2-3	GO:1901683	Signaling and response	Stress	arsenate ion transmembrane transporter activity	F	AT3G54700
24948	4	F23 vs. M23	F2-3	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT2G23170
24949	4	F23 vs. M23	F2-3	GO:0005227	Signaling and response	Stress	calcium activated cation channel activity	F	AT1G30360
24950	4	F23 vs. M23	F2-3	GO:0015368	Signaling and response	Stress	calcium:cation antiporter activity	F	AT2G38170
24951	4	F23 vs. M23	F2-3	GO:0015369	Signaling and response	Stress	calcium:proton antiporter activity	F	AT2G38170

24952	4	F23 vs. M23	F2-3	GO:0033500	Signaling and response	Stress	carbohydrate homeostasis	P	AT1G64060
24953	4	F23 vs. M23	F2-3	GO:0033500	Signaling and response	Stress	carbohydrate homeostasis	P	AT5G47910
24954	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G56500
24955	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G59730
24956	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G26060
24957	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G54660
24958	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G62960
24959	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G15700
24960	4	F23 vs. M23	F2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT5G18600
24961	4	F23 vs. M23	F2-3	GO:0006876	Signaling and response	Stress	cellular cadmium ion homeostasis	P	AT1G16310
24962	4	F23 vs. M23	F2-3	GO:0006874	Signaling and response	Stress	cellular calcium ion homeostasis	P	AT2G38170
24963	4	F23 vs. M23	F2-3	GO:0006878	Signaling and response	Stress	cellular copper ion homeostasis	P	AT3G56240
24964	4	F23 vs. M23	F2-3	GO:0006879	Signaling and response	Stress	cellular iron ion homeostasis	P	AT1G16310
24965	4	F23 vs. M23	F2-3	GO:0030026	Signaling and response	Stress	cellular manganese ion homeostasis	P	AT2G38170
24966	4	F23 vs. M23	F2-3	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT1G19550
24967	4	F23 vs. M23	F2-3	GO:0030643	Signaling and response	Stress	cellular phosphate ion homeostasis	P	AT3G17790
24968	4	F23 vs. M23	F2-3	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G09440
24969	4	F23 vs. M23	F2-3	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G22840
24970	4	F23 vs. M23	F2-3	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT4G14690
24971	4	F23 vs. M23	F2-3	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT3G22840
24972	4	F23 vs. M23	F2-3	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT4G14690
24973	4	F23 vs. M23	F2-3	GO:0071484	Signaling and response	Stress	cellular response to light intensity	P	AT2G28190
24974	4	F23 vs. M23	F2-3	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT2G28190
24975	4	F23 vs. M23	F2-3	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT3G07700
24976	4	F23 vs. M23	F2-3	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT3G26060
24977	4	F23 vs. M23	F2-3	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT4G32320
24978	4	F23 vs. M23	F2-3	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT5G07460
24979	4	F23 vs. M23	F2-3	GO:0071457	Signaling and response	Stress	cellular response to ozone	P	AT2G28190
24980	4	F23 vs. M23	F2-3	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G02990
24981	4	F23 vs. M23	F2-3	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G29060
24982	4	F23 vs. M23	F2-3	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT5G20410
24983	4	F23 vs. M23	F2-3	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G28190
24984	4	F23 vs. M23	F2-3	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT5G24120
24985	4	F23 vs. M23	F2-3	GO:0009267	Signaling and response	Stress	cellular response to starvation	P	AT3G50210
24986	4	F23 vs. M23	F2-3	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	ATCG00420
24987	4	F23 vs. M23	F2-3	GO:0097237	Signaling and response	Stress	cellular response to toxic substance	P	AT5G05600
24988	4	F23 vs. M23	F2-3	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT3G09440
24989	4	F23 vs. M23	F2-3	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT3G22840
24990	4	F23 vs. M23	F2-3	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT4G14690
24991	4	F23 vs. M23	F2-3	GO:0071493	Signaling and response	Stress	cellular response to UV-B	P	AT2G28190
24992	4	F23 vs. M23	F2-3	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G68010
24993	4	F23 vs. M23	F2-3	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G09340
24994	4	F23 vs. M23	F2-3	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G32080
24995	4	F23 vs. M23	F2-3	GO:0006882	Signaling and response	Stress	cellular zinc ion homeostasis	P	AT2G38170
24996	4	F23 vs. M23	F2-3	GO:0006882	Signaling and response	Stress	cellular zinc ion homeostasis	P	AT1G16310
24997	4	F23 vs. M23	F2-3	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G09440
24998	4	F23 vs. M23	F2-3	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT2G38170
24999	4	F23 vs. M23	F2-3	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT3G19130
25000	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G64060
25001	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G75800
25002	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G79340
25003	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G01520
25004	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02130
25005	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02140
25006	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G17220
25007	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G17265

25008	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G37040
25009	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G43590
25010	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT2G47730
25011	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT3G49110
25012	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT4G00360
25013	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G20030
25014	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT4G17500
25015	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G20823
25016	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT4G39030
25017	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT5G05170
25018	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G24020
25019	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT5G47910
25020	4	F23 vs. M23	F2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT5G66070
25021	4	F23 vs. M23	F2-3	GO:0052542	Signaling and response	Stress	defense response by callose deposition	P	AT1G64060
25022	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G13810
25023	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G09340
25024	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G37630
25025	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39730
25026	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39770
25027	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G47730
25028	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G01500
25029	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G04790
25030	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G08510
25031	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G14420
25032	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G49110
25033	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G55800
25034	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G57330
25035	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G19180
25036	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G20850
25037	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G31750
25038	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G32260
25039	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G39030
25040	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G24530
25041	4	F23 vs. M23	F2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G02205
25042	4	F23 vs. M23	F2-3	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT4G25030
25043	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02130
25044	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02140
25045	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G37630
25046	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G40140
25047	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G23820
25048	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G49110
25049	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G19230
25050	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G47910
25051	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G02205
25052	4	F23 vs. M23	F2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G51090
25053	4	F23 vs. M23	F2-3	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G01500
25054	4	F23 vs. M23	F2-3	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G14310
25055	4	F23 vs. M23	F2-3	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G23820
25056	4	F23 vs. M23	F2-3	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT4G33220
25057	4	F23 vs. M23	F2-3	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT5G25980
25058	4	F23 vs. M23	F2-3	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G24530
25059	4	F23 vs. M23	F2-3	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT3G11650
25060	4	F23 vs. M23	F2-3	GO:0016045	Signaling and response	Stress	detection of bacterium	P	AT2G29630
25061	4	F23 vs. M23	F2-3	GO:0009819	Signaling and response	Stress	drought recovery	P	AT2G37040

25062	4	F23 vs. M23	F2-3	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G64060
25063	4	F23 vs. M23	F2-3	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G01250
25064	4	F23 vs. M23	F2-3	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT4G17500
25065	4	F23 vs. M23	F2-3	GO:0048307	Signaling and response	Stress	ferredoxin-nitrite reductase activity	F	AT2G15620
25066	4	F23 vs. M23	F2-3	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT3G51240
25067	4	F23 vs. M23	F2-3	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT3G55970
25068	4	F23 vs. M23	F2-3	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G05600
25069	4	F23 vs. M23	F2-3	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G08640
25070	4	F23 vs. M23	F2-3	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G24530
25071	4	F23 vs. M23	F2-3	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT5G54160
25072	4	F23 vs. M23	F2-3	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G68570
25073	4	F23 vs. M23	F2-3	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT2G47730
25074	4	F23 vs. M23	F2-3	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT3G03190
25075	4	F23 vs. M23	F2-3	GO:0045174	Signaling and response	Stress	glutathione dehydrogenase (ascorbate) activity	F	AT1G19550
25076	4	F23 vs. M23	F2-3	GO:0016756	Signaling and response	Stress	glutathione gamma-glutamylcysteinyltransferase activity	F	AT4G39640
25077	4	F23 vs. M23	F2-3	GO:0036374	Signaling and response	Stress	glutathione hydrolase activity	F	AT4G39640
25078	4	F23 vs. M23	F2-3	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78320
25079	4	F23 vs. M23	F2-3	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT2G47730
25080	4	F23 vs. M23	F2-3	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G03190
25081	4	F23 vs. M23	F2-3	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G54660
25082	4	F23 vs. M23	F2-3	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78320
25083	4	F23 vs. M23	F2-3	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT2G47730
25084	4	F23 vs. M23	F2-3	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT3G03190
25085	4	F23 vs. M23	F2-3	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT5G02790
25086	4	F23 vs. M23	F2-3	GO:0004362	Signaling and response	Stress	glutathione-disulfide reductase activity	F	AT3G54660
25087	4	F23 vs. M23	F2-3	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT3G09440
25088	4	F23 vs. M23	F2-3	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT1G64060
25089	4	F23 vs. M23	F2-3	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT3G14420
25090	4	F23 vs. M23	F2-3	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT3G49110
25091	4	F23 vs. M23	F2-3	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT4G32320
25092	4	F23 vs. M23	F2-3	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT5G47000
25093	4	F23 vs. M23	F2-3	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT2G36830
25094	4	F23 vs. M23	F2-3	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT5G60660
25095	4	F23 vs. M23	F2-3	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT3G55610
25096	4	F23 vs. M23	F2-3	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT4G30996
25097	4	F23 vs. M23	F2-3	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT5G01410
25098	4	F23 vs. M23	F2-3	GO:0045087	Signaling and response	Stress	innate immune response	P	AT4G39030
25099	4	F23 vs. M23	F2-3	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT4G26260
25100	4	F23 vs. M23	F2-3	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT5G56640
25101	4	F23 vs. M23	F2-3	GO:0044419	Signaling and response	Stress	interspecies interaction between organisms	P	AT4G31750
25102	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G55570
25103	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G76160
25104	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G07700
25105	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13390
25106	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13400
25107	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G01600
25108	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G51720
25109	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G41830
25110	4	F23 vs. M23	F2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G55560
25111	4	F23 vs. M23	F2-3	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02130
25112	4	F23 vs. M23	F2-3	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02140
25113	4	F23 vs. M23	F2-3	GO:0004462	Signaling and response	Stress	lactoylglutathione lyase activity	F	AT1G67280
25114	4	F23 vs. M23	F2-3	GO:0016688	Signaling and response	Stress	L-ascorbate peroxidase activity	F	AT4G32320
25115	4	F23 vs. M23	F2-3	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT3G51240
25116	4	F23 vs. M23	F2-3	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT5G08640

25117	4	F23 vs. M23	F2-3	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT2G39770
25118	4	F23 vs. M23	F2-3	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT4G26260
25119	4	F23 vs. M23	F2-3	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT5G56640
25120	4	F23 vs. M23	F2-3	GO:0055088	Signaling and response	Stress	lipid homeostasis	P	AT3G06690
25121	4	F23 vs. M23	F2-3	GO:0019243	Signaling and response	Stress	methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione	P	AT1G67280
25122	4	F23 vs. M23	F2-3	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT3G09440
25123	4	F23 vs. M23	F2-3	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT5G66070
25124	4	F23 vs. M23	F2-3	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT4G39030
25125	4	F23 vs. M23	F2-3	GO:1900425	Signaling and response	Stress	negative regulation of defense response to bacterium	P	AT3G12620
25126	4	F23 vs. M23	F2-3	GO:1900425	Signaling and response	Stress	negative regulation of defense response to bacterium	P	AT1G51090
25127	4	F23 vs. M23	F2-3	GO:0050421	Signaling and response	Stress	nitrite reductase (NO-forming) activity	F	AT2G15620
25128	4	F23 vs. M23	F2-3	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT1G56500
25129	4	F23 vs. M23	F2-3	GO:0051920	Signaling and response	Stress	peroxiredoxin activity	F	AT3G26060
25130	4	F23 vs. M23	F2-3	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT2G38170
25131	4	F23 vs. M23	F2-3	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT3G47420
25132	4	F23 vs. M23	F2-3	GO:0046854	Signaling and response	Stress	phosphatidylinositol phosphorylation	P	AT1G21980
25133	4	F23 vs. M23	F2-3	GO:0046854	Signaling and response	Stress	phosphatidylinositol phosphorylation	P	AT1G31190
25134	4	F23 vs. M23	F2-3	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT3G08510
25135	4	F23 vs. M23	F2-3	GO:0010117	Signaling and response	Stress	photoprotection	P	AT3G22840
25136	4	F23 vs. M23	F2-3	GO:0010117	Signaling and response	Stress	photoprotection	P	AT4G14690
25137	4	F23 vs. M23	F2-3	GO:0010117	Signaling and response	Stress	photoprotection	P	AT1G27730
25138	4	F23 vs. M23	F2-3	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G37990
25139	4	F23 vs. M23	F2-3	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G38740
25140	4	F23 vs. M23	F2-3	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G54250
25141	4	F23 vs. M23	F2-3	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT1G70790
25142	4	F23 vs. M23	F2-3	GO:0009963	Signaling and response	Stress	positive regulation of flavonoid biosynthetic process	P	AT1G32640
25143	4	F23 vs. M23	F2-3	GO:0043068	Signaling and response	Stress	positive regulation of programmed cell death	P	AT1G79340
25144	4	F23 vs. M23	F2-3	GO:0002020	Signaling and response	Stress	protease binding	F	AT3G09440
25145	4	F23 vs. M23	F2-3	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT3G09440
25146	4	F23 vs. M23	F2-3	GO:0042026	Signaling and response	Stress	protein refolding	P	AT3G09440
25147	4	F23 vs. M23	F2-3	GO:0042026	Signaling and response	Stress	protein refolding	P	AT4G38740
25148	4	F23 vs. M23	F2-3	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT1G64060
25149	4	F23 vs. M23	F2-3	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT3G49110
25150	4	F23 vs. M23	F2-3	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G47910
25151	4	F23 vs. M23	F2-3	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G51720
25152	4	F23 vs. M23	F2-3	GO:0009787	Signaling and response	Stress	regulation of abscisic acid-activated signaling pathway	P	AT1G16310
25153	4	F23 vs. M23	F2-3	GO:1900067	Signaling and response	Stress	regulation of cellular response to alkaline pH	P	AT1G19180
25154	4	F23 vs. M23	F2-3	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G19180
25155	4	F23 vs. M23	F2-3	GO:2000068	Signaling and response	Stress	regulation of defense response to insect	P	AT1G32640
25156	4	F23 vs. M23	F2-3	GO:0045088	Signaling and response	Stress	regulation of innate immune response	P	AT2G37630
25157	4	F23 vs. M23	F2-3	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT1G80660
25158	4	F23 vs. M23	F2-3	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT2G07560
25159	4	F23 vs. M23	F2-3	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G42640
25160	4	F23 vs. M23	F2-3	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G60330
25161	4	F23 vs. M23	F2-3	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT5G57350
25162	4	F23 vs. M23	F2-3	GO:2000082	Signaling and response	Stress	regulation of L-ascorbic acid biosynthetic process	P	AT1G74910
25163	4	F23 vs. M23	F2-3	GO:1903426	Signaling and response	Stress	regulation of reactive oxygen species biosynthetic process	P	AT2G20890
25164	4	F23 vs. M23	F2-3	GO:1901031	Signaling and response	Stress	regulation of response to reactive oxygen species	P	AT3G07700
25165	4	F23 vs. M23	F2-3	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT2G20890

25166	4	F23 vs. M23	F2-3	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT4G05590
25167	4	F23 vs. M23	F2-3	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G23060
25168	4	F23 vs. M23	F2-3	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G64060
25169	4	F23 vs. M23	F2-3	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G01500
25170	4	F23 vs. M23	F2-3	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G45780
25171	4	F23 vs. M23	F2-3	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G18950
25172	4	F23 vs. M23	F2-3	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT5G25980
25173	4	F23 vs. M23	F2-3	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT3G08510
25174	4	F23 vs. M23	F2-3	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT2G28190
25175	4	F23 vs. M23	F2-3	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT4G25100
25176	4	F23 vs. M23	F2-3	GO:0002679	Signaling and response	Stress	respiratory burst involved in defense response	P	AT1G64060
25177	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G46820
25178	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G11050
25179	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G51920
25180	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G55610
25181	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G34710
25182	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G38970
25183	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G25610
25184	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G25980
25185	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G60660
25186	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G27730
25187	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G32080
25188	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G32640
25189	4	F23 vs. M23	F2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G44170
25190	4	F23 vs. M23	F2-3	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT5G01410
25191	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G67280
25192	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G68530
25193	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G09340
25194	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37760
25195	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37770
25196	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G39730
25197	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G40140
25198	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G47730
25199	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G01500
25200	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G05890
25201	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G06510
25202	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G08730
25203	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G17390
25204	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22840
25205	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G16880
25206	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G54050
25207	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G34710
25208	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G01600
25209	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G61410
25210	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G27730
25211	4	F23 vs. M23	F2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G45474
25212	4	F23 vs. M23	F2-3	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G64740
25213	4	F23 vs. M23	F2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G37180
25214	4	F23 vs. M23	F2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G44060
25215	4	F23 vs. M23	F2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT3G25760
25216	4	F23 vs. M23	F2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT5G25610
25217	4	F23 vs. M23	F2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G32640
25218	4	F23 vs. M23	F2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G44170
25219	4	F23 vs. M23	F2-3	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT1G64060
25220	4	F23 vs. M23	F2-3	GO:0050826	Signaling and response	Stress	response to freezing	P	AT3G06510
25221	4	F23 vs. M23	F2-3	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G17265

25222	4	F23 vs. M23	F2-3	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G14310
25223	4	F23 vs. M23	F2-3	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G45140
25224	4	F23 vs. M23	F2-3	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G24530
25225	4	F23 vs. M23	F2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G39770
25226	4	F23 vs. M23	F2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G04120
25227	4	F23 vs. M23	F2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G09440
25228	4	F23 vs. M23	F2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G08000
25229	4	F23 vs. M23	F2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G47910
25230	4	F23 vs. M23	F2-3	GO:0009635	Signaling and response	Stress	response to herbicide	P	AT1G12110
25231	4	F23 vs. M23	F2-3	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT2G24210
25232	4	F23 vs. M23	F2-3	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT3G45140
25233	4	F23 vs. M23	F2-3	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT3G18780
25234	4	F23 vs. M23	F2-3	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G27730
25235	4	F23 vs. M23	F2-3	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G45474
25236	4	F23 vs. M23	F2-3	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G04120
25237	4	F23 vs. M23	F2-3	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G17790
25238	4	F23 vs. M23	F2-3	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G18150
25239	4	F23 vs. M23	F2-3	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G01600
25240	4	F23 vs. M23	F2-3	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G23310
25241	4	F23 vs. M23	F2-3	GO:0009625	Signaling and response	Stress	response to insect	P	AT1G16410
25242	4	F23 vs. M23	F2-3	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G13770
25243	4	F23 vs. M23	F2-3	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G19840
25244	4	F23 vs. M23	F2-3	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT3G07700
25245	4	F23 vs. M23	F2-3	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT4G26970
25246	4	F23 vs. M23	F2-3	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT5G67370
25247	4	F23 vs. M23	F2-3	GO:0006982	Signaling and response	Stress	response to lipid hydroperoxide	P	AT5G01410
25248	4	F23 vs. M23	F2-3	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT1G45474
25249	4	F23 vs. M23	F2-3	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G40460
25250	4	F23 vs. M23	F2-3	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G14310
25251	4	F23 vs. M23	F2-3	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G17500
25252	4	F23 vs. M23	F2-3	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G39030
25253	4	F23 vs. M23	F2-3	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G52450
25254	4	F23 vs. M23	F2-3	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G61410
25255	4	F23 vs. M23	F2-3	GO:0090548	Signaling and response	Stress	response to nitrate starvation	P	AT1G72180
25256	4	F23 vs. M23	F2-3	GO:0010335	Signaling and response	Stress	response to non-ionic osmotic stress	P	AT5G01410
25257	4	F23 vs. M23	F2-3	GO:0002239	Signaling and response	Stress	response to oomycetes	P	AT5G24530
25258	4	F23 vs. M23	F2-3	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G72180
25259	4	F23 vs. M23	F2-3	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G37180
25260	4	F23 vs. M23	F2-3	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G08730
25261	4	F23 vs. M23	F2-3	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G34710
25262	4	F23 vs. M23	F2-3	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT5G38710
25263	4	F23 vs. M23	F2-3	GO:0051707	Signaling and response	Stress	response to other organism	P	AT3G45140
25264	4	F23 vs. M23	F2-3	GO:0051707	Signaling and response	Stress	response to other organism	P	AT3G54950
25265	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G28190
25266	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G37040
25267	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G03190
25268	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G04120
25269	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G07700
25270	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G11050
25271	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G49110
25272	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G25100
25273	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G26970
25274	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G34710
25275	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G39640
25276	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G01410
25277	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G07460

25278	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G47000
25279	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G27730
25280	4	F23 vs. M23	F2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G49670
25281	4	F23 vs. M23	F2-3	GO:0010193	Signaling and response	Stress	response to ozone	P	AT2G39770
25282	4	F23 vs. M23	F2-3	GO:0010193	Signaling and response	Stress	response to ozone	P	AT3G17800
25283	4	F23 vs. M23	F2-3	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G25100
25284	4	F23 vs. M23	F2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G66950
25285	4	F23 vs. M23	F2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G11050
25286	4	F23 vs. M23	F2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G18150
25287	4	F23 vs. M23	F2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G56240
25288	4	F23 vs. M23	F2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G32320
25289	4	F23 vs. M23	F2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT5G01600
25290	4	F23 vs. M23	F2-3	GO:0051775	Signaling and response	Stress	response to redox state	P	AT3G04120
25291	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G36830
25292	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37630
25293	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37760
25294	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37770
25295	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G38170
25296	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G39770
25297	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G08730
25298	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G51920
25299	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G34710
25300	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G01410
25301	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G25610
25302	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G27730
25303	4	F23 vs. M23	F2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G44170
25304	4	F23 vs. M23	F2-3	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G20700
25305	4	F23 vs. M23	F2-3	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT2G37760
25306	4	F23 vs. M23	F2-3	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT2G37770
25307	4	F23 vs. M23	F2-3	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT4G01070
25308	4	F23 vs. M23	F2-3	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT5G02790
25309	4	F23 vs. M23	F2-3	GO:0006986	Signaling and response	Stress	response to unfolded protein	P	AT3G09440
25310	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT2G37040
25311	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G17800
25312	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G21890
25313	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G51240
25314	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT4G14690
25315	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G01410
25316	4	F23 vs. M23	F2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G63860
25317	4	F23 vs. M23	F2-3	GO:0009615	Signaling and response	Stress	response to virus	P	AT2G37630
25318	4	F23 vs. M23	F2-3	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G09440
25319	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37180
25320	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37760
25321	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37770
25322	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G12110
25323	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G23920
25324	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G45140
25325	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G51920
25326	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G38710
25327	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65730
25328	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G27730
25329	4	F23 vs. M23	F2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G02205
25330	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G71697
25331	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G02990
25332	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G09340
25333	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G24210

25334	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G30490
25335	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G34810
25336	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G37040
25337	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G17800
25338	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G19710
25339	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G45140
25340	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G18150
25341	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G19180
25342	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G12030
25343	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G15440
25344	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G34710
25345	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G09810
25346	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G47910
25347	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G54170
25348	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G27730
25349	4	F23 vs. M23	F2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G32640
25350	4	F23 vs. M23	F2-3	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT1G62450
25351	4	F23 vs. M23	F2-3	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT1G12070
25352	4	F23 vs. M23	F2-3	GO:0034063	Signaling and response	Stress	stress granule assembly	P	AT3G19130
25353	4	F23 vs. M23	F2-3	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT2G28190
25354	4	F23 vs. M23	F2-3	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT4G25100
25355	4	F23 vs. M23	F2-3	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G13810
25356	4	F23 vs. M23	F2-3	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G53980
25357	4	F23 vs. M23	F2-3	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT2G13810
25358	4	F23 vs. M23	F2-3	GO:0008379	Signaling and response	Stress	thioredoxin peroxidase activity	F	AT3G26060
25359	4	F23 vs. M23	F2-3	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78320
25360	4	F23 vs. M23	F2-3	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT2G47730
25361	4	F23 vs. M23	F2-3	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT3G03190
25362	4	F23 vs. M23	F2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G16750
25363	4	F23 vs. M23	F2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G18470
25364	4	F23 vs. M23	F2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G59350
25365	4	F23 vs. M23	F2-3	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G09440
25366	4	F23 vs. M23	F2-3	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G38740
25367	4	F23 vs. M23	F2-3	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	ATCG00360
25368	4	F23 vs. M23	M2-3	GO:0031145	Development	Cell division	anaphase-promoting complex-dependent catabolic process	P	AT1G50490
25369	4	F23 vs. M23	M2-3	GO:0007049	Development	Cell division	cell cycle	P	AT1G08130
25370	4	F23 vs. M23	M2-3	GO:0007049	Development	Cell division	cell cycle	P	AT2G27970
25371	4	F23 vs. M23	M2-3	GO:0007049	Development	Cell division	cell cycle	P	AT3G51280
25372	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT1G08130
25373	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT2G27970
25374	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT3G25100
25375	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT3G51280
25376	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT5G17620
25377	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT5G40770
25378	4	F23 vs. M23	M2-3	GO:0051301	Development	Cell division	cell division	P	AT5G43080
25379	4	F23 vs. M23	M2-3	GO:0030332	Development	Cell division	cyclin binding	F	AT2G38620
25380	4	F23 vs. M23	M2-3	GO:0030332	Development	Cell division	cyclin binding	F	AT3G26750
25381	4	F23 vs. M23	M2-3	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G27970
25382	4	F23 vs. M23	M2-3	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G38620

25383	4	F23 vs. M23	M2-3	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT5G43080
25384	4	F23 vs. M23	M2-3	GO:0061575	Development	Cell division	cyclin-dependent protein serine/threonine kinase activator activity	F	AT2G27970
25385	4	F23 vs. M23	M2-3	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G20930
25386	4	F23 vs. M23	M2-3	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT2G38620
25387	4	F23 vs. M23	M2-3	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT5G43080
25388	4	F23 vs. M23	M2-3	GO:0000910	Development	Cell division	cytokinesis	P	AT1G53140
25389	4	F23 vs. M23	M2-3	GO:0043625	Development	Cell division	delta DNA polymerase complex	C	AT1G09815
25390	4	F23 vs. M23	M2-3	GO:0071897	Development	Cell division	DNA biosynthetic process	P	AT1G08130
25391	4	F23 vs. M23	M2-3	GO:0071897	Development	Cell division	DNA biosynthetic process	P	AT3G07800
25392	4	F23 vs. M23	M2-3	GO:0000077	Development	Cell division	DNA damage checkpoint	P	AT5G40820
25393	4	F23 vs. M23	M2-3	GO:0080111	Development	Cell division	DNA demethylation	P	AT1G08130
25394	4	F23 vs. M23	M2-3	GO:0003910	Development	Cell division	DNA ligase (ATP) activity	F	AT1G08130
25395	4	F23 vs. M23	M2-3	GO:0006266	Development	Cell division	DNA ligation	P	AT1G08130
25396	4	F23 vs. M23	M2-3	GO:0051103	Development	Cell division	DNA ligation involved in DNA repair	P	AT1G08130
25397	4	F23 vs. M23	M2-3	GO:0030337	Development	Cell division	DNA polymerase processivity factor activity	F	AT1G07370
25398	4	F23 vs. M23	M2-3	GO:0006310	Development	Cell division	DNA recombination	P	AT1G08130
25399	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT1G04020
25400	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT1G08130
25401	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT1G71260
25402	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT3G02920
25403	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT5G40820
25404	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT5G61000
25405	4	F23 vs. M23	M2-3	GO:0006281	Development	Cell division	DNA repair	P	AT5G64610
25406	4	F23 vs. M23	M2-3	GO:0006260	Development	Cell division	DNA replication	P	AT1G08130
25407	4	F23 vs. M23	M2-3	GO:0006260	Development	Cell division	DNA replication	P	AT3G02920
25408	4	F23 vs. M23	M2-3	GO:0005662	Development	Cell division	DNA replication factor A complex	C	AT3G02920
25409	4	F23 vs. M23	M2-3	GO:0005662	Development	Cell division	DNA replication factor A complex	C	AT5G61000
25410	4	F23 vs. M23	M2-3	GO:0006270	Development	Cell division	DNA replication initiation	P	AT3G25100
25411	4	F23 vs. M23	M2-3	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT3G25100
25412	4	F23 vs. M23	M2-3	GO:0031261	Development	Cell division	DNA replication preinitiation complex	C	AT3G25100
25413	4	F23 vs. M23	M2-3	GO:0006336	Development	Cell division	DNA replication-independent nucleosome assembly	P	AT3G44530
25414	4	F23 vs. M23	M2-3	GO:0006268	Development	Cell division	DNA unwinding involved in DNA replication	P	AT5G61000
25415	4	F23 vs. M23	M2-3	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G09815
25416	4	F23 vs. M23	M2-3	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT5G61000
25417	4	F23 vs. M23	M2-3	GO:0003887	Development	Cell division	DNA-directed DNA polymerase activity	F	AT1G09815
25418	4	F23 vs. M23	M2-3	GO:0006302	Development	Cell division	double-strand break repair	P	AT1G08130
25419	4	F23 vs. M23	M2-3	GO:0006302	Development	Cell division	double-strand break repair	P	AT3G07800
25420	4	F23 vs. M23	M2-3	GO:0006302	Development	Cell division	double-strand break repair	P	AT4G02390
25421	4	F23 vs. M23	M2-3	GO:0000727	Development	Cell division	double-strand break repair via break-induced replication	P	AT3G25100
25422	4	F23 vs. M23	M2-3	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT3G02920
25423	4	F23 vs. M23	M2-3	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT5G61000
25424	4	F23 vs. M23	M2-3	GO:0006303	Development	Cell division	double-strand break repair via nonhomologous end joining	P	AT4G02390
25425	4	F23 vs. M23	M2-3	GO:0006303	Development	Cell division	double-strand break repair via nonhomologous end joining	P	AT5G40820
25426	4	F23 vs. M23	M2-3	GO:0004519	Development	Cell division	endonuclease activity	F	AT1G11290
25427	4	F23 vs. M23	M2-3	GO:0001935	Development	Cell division	endothelial cell proliferation	P	AT5G17800

25428	4	F23 vs. M23	M2-3	GO:0048229	Development	Cell division	gametophyte development	P	AT3G25100
25429	4	F23 vs. M23	M2-3	GO:0070652	Development	Cell division	HAUS complex	C	AT5G17620
25430	4	F23 vs. M23	M2-3	GO:0000417	Development	Cell division	HIR complex	C	AT3G44530
25431	4	F23 vs. M23	M2-3	GO:0006273	Development	Cell division	lagging strand elongation	P	AT1G08130
25432	4	F23 vs. M23	M2-3	GO:0006272	Development	Cell division	leading strand elongation	P	AT1G07370
25433	4	F23 vs. M23	M2-3	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT5G56580
25434	4	F23 vs. M23	M2-3	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G40820
25435	4	F23 vs. M23	M2-3	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G61000
25436	4	F23 vs. M23	M2-3	GO:0006298	Development	Cell division	mismatch repair	P	AT1G07370
25437	4	F23 vs. M23	M2-3	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT5G43080
25438	4	F23 vs. M23	M2-3	GO:1902977	Development	Cell division	mitotic DNA replication preinitiation complex assembly	P	AT3G25100
25439	4	F23 vs. M23	M2-3	GO:0000070	Development	Cell division	mitotic sister chromatid segregation	P	AT3G44530
25440	4	F23 vs. M23	M2-3	GO:0032504	Development	Cell division	multicellular organism reproduction	P	AT5G40820
25441	4	F23 vs. M23	M2-3	GO:0051782	Development	Cell division	negative regulation of cell division	P	AT5G17800
25442	4	F23 vs. M23	M2-3	GO:0051782	Development	Cell division	negative regulation of cell division	P	AT5G40770
25443	4	F23 vs. M23	M2-3	GO:0031468	Development	Cell division	nuclear envelope reassembly	P	AT4G22150
25444	4	F23 vs. M23	M2-3	GO:0043224	Development	Cell division	nuclear SCF ubiquitin ligase complex	C	AT5G20570
25445	4	F23 vs. M23	M2-3	GO:0009116	Development	Cell division	nucleoside metabolic process	P	AT2G16570
25446	4	F23 vs. M23	M2-3	GO:0017110	Development	Cell division	nucleoside-diphosphatase activity	F	AT4G12720
25447	4	F23 vs. M23	M2-3	GO:0006334	Development	Cell division	nucleosome assembly	P	AT3G44530
25448	4	F23 vs. M23	M2-3	GO:0031491	Development	Cell division	nucleosome binding	F	AT3G44530
25449	4	F23 vs. M23	M2-3	GO:0009165	Development	Cell division	nucleotide biosynthetic process	P	AT1G72040
25450	4	F23 vs. M23	M2-3	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT3G02920
25451	4	F23 vs. M23	M2-3	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT5G61000
25452	4	F23 vs. M23	M2-3	GO:0043626	Development	Cell division	PCNA complex	C	AT1G07370
25453	4	F23 vs. M23	M2-3	GO:0009856	Development	Cell division	pollination	P	AT2G02850
25454	4	F23 vs. M23	M2-3	GO:1900087	Development	Cell division	positive regulation of G1/S transition of mitotic cell cycle	P	AT3G25100
25455	4	F23 vs. M23	M2-3	GO:0006279	Development	Cell division	premeiotic DNA replication	P	AT3G25100
25456	4	F23 vs. M23	M2-3	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT1G07370
25457	4	F23 vs. M23	M2-3	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT2G38620
25458	4	F23 vs. M23	M2-3	GO:1902806	Development	Cell division	regulation of cell cycle G1/S phase transition	P	AT2G38620
25459	4	F23 vs. M23	M2-3	GO:0051302	Development	Cell division	regulation of cell division	P	AT4G09960
25460	4	F23 vs. M23	M2-3	GO:0033044	Development	Cell division	regulation of chromosome organization	P	AT5G40820
25461	4	F23 vs. M23	M2-3	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT2G38620
25462	4	F23 vs. M23	M2-3	GO:0006282	Development	Cell division	regulation of DNA repair	P	AT5G40820
25463	4	F23 vs. M23	M2-3	GO:0006275	Development	Cell division	regulation of DNA replication	P	AT1G07370
25464	4	F23 vs. M23	M2-3	GO:0080155	Development	Cell division	regulation of double fertilization forming a zygote and endosperm	P	AT4G09960
25465	4	F23 vs. M23	M2-3	GO:0010389	Development	Cell division	regulation of G2/M transition of mitotic cell cycle	P	AT1G20930
25466	4	F23 vs. M23	M2-3	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT1G20930
25467	4	F23 vs. M23	M2-3	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT2G27970
25468	4	F23 vs. M23	M2-3	GO:0032204	Development	Cell division	regulation of telomere maintenance	P	AT5G40820
25469	4	F23 vs. M23	M2-3	GO:0031298	Development	Cell division	replication fork protection complex	C	AT3G25100
25470	4	F23 vs. M23	M2-3	GO:0016070	Development	Cell division	RNA metabolic process	P	AT1G19120
25471	4	F23 vs. M23	M2-3	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G27970
25472	4	F23 vs. M23	M2-3	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G20570
25473	4	F23 vs. M23	M2-3	GO:0000012	Development	Cell division	single strand break repair	P	AT1G08130
25474	4	F23 vs. M23	M2-3	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT1G71260
25475	4	F23 vs. M23	M2-3	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT3G02920
25476	4	F23 vs. M23	M2-3	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT3G25100
25477	4	F23 vs. M23	M2-3	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G61000
25478	4	F23 vs. M23	M2-3	GO:0043047	Development	Cell division	single-stranded telomeric DNA binding	F	AT5G61000
25479	4	F23 vs. M23	M2-3	GO:0035861	Development	Cell division	site of double-strand break	C	AT3G02920
25480	4	F23 vs. M23	M2-3	GO:0051225	Development	Cell division	spindle assembly	P	AT5G17620

25481	4	F23 vs. M23	M2-3	GO:0005876	Development	Cell division	spindle microtubule	C	AT5G17620
25482	4	F23 vs. M23	M2-3	GO:0000723	Development	Cell division	telomere maintenance	P	AT5G40820
25483	4	F23 vs. M23	M2-3	GO:0000723	Development	Cell division	telomere maintenance	P	AT5G61000
25484	4	F23 vs. M23	M2-3	GO:0007004	Development	Cell division	telomere maintenance via telomerase	P	AT5G40820
25485	4	F23 vs. M23	M2-3	GO:0007004	Development	Cell division	telomere maintenance via telomerase	P	AT5G61000
25486	4	F23 vs. M23	M2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT3G29810
25487	4	F23 vs. M23	M2-3	GO:0031225	Development	Development	anchored component of membrane	C	AT5G56590
25488	4	F23 vs. M23	M2-3	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G02850
25489	4	F23 vs. M23	M2-3	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G29810
25490	4	F23 vs. M23	M2-3	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G56590
25491	4	F23 vs. M23	M2-3	GO:0009887	Development	Development	animal organ morphogenesis	P	AT2G13540
25492	4	F23 vs. M23	M2-3	GO:0048653	Development	Development	anther development	P	AT2G02850
25493	4	F23 vs. M23	M2-3	GO:0048046	Development	Development	apoplast	C	AT1G35140
25494	4	F23 vs. M23	M2-3	GO:0048046	Development	Development	apoplast	C	AT2G02850
25495	4	F23 vs. M23	M2-3	GO:0048046	Development	Development	apoplast	C	AT3G22630
25496	4	F23 vs. M23	M2-3	GO:0048046	Development	Development	apoplast	C	AT3G23730
25497	4	F23 vs. M23	M2-3	GO:0048046	Development	Development	apoplast	C	AT4G03210
25498	4	F23 vs. M23	M2-3	GO:0048046	Development	Development	apoplast	C	AT5G20740
25499	4	F23 vs. M23	M2-3	GO:0048440	Development	Development	carpel development	P	AT2G42830
25500	4	F23 vs. M23	M2-3	GO:0048440	Development	Development	carpel development	P	AT3G58780
25501	4	F23 vs. M23	M2-3	GO:0048440	Development	Development	carpel development	P	AT4G09960
25502	4	F23 vs. M23	M2-3	GO:0005901	Development	Development	caveola	C	AT5G64870
25503	4	F23 vs. M23	M2-3	GO:0007155	Development	Development	cell adhesion	P	AT1G52030
25504	4	F23 vs. M23	M2-3	GO:0005938	Development	Development	cell cortex	C	AT5G56600
25505	4	F23 vs. M23	M2-3	GO:0030154	Development	Development	cell differentiation	P	AT4G18390
25506	4	F23 vs. M23	M2-3	GO:0030154	Development	Development	cell differentiation	P	AT5G42630
25507	4	F23 vs. M23	M2-3	GO:0030154	Development	Development	cell differentiation	P	AT5G51230
25508	4	F23 vs. M23	M2-3	GO:0001708	Development	Development	cell fate specification	P	AT1G24260
25509	4	F23 vs. M23	M2-3	GO:0009986	Development	Development	cell surface	C	AT5G65020
25510	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT1G48830
25511	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT2G16570
25512	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT3G23730
25513	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT4G03210
25514	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT5G19730
25515	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT5G23400
25516	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT5G42630
25517	4	F23 vs. M23	M2-3	GO:0005618	Development	Development	cell wall	C	AT5G56590
25518	4	F23 vs. M23	M2-3	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G23730
25519	4	F23 vs. M23	M2-3	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G03210
25520	4	F23 vs. M23	M2-3	GO:0042545	Development	Development	cell wall modification	P	AT5G19730
25521	4	F23 vs. M23	M2-3	GO:0042547	Development	Development	cell wall modification involved in multidimensional cell growth	P	AT1G70710
25522	4	F23 vs. M23	M2-3	GO:0071555	Development	Development	cell wall organization	P	AT3G23730
25523	4	F23 vs. M23	M2-3	GO:0071555	Development	Development	cell wall organization	P	AT4G03210
25524	4	F23 vs. M23	M2-3	GO:0071555	Development	Development	cell wall organization	P	AT5G41870
25525	4	F23 vs. M23	M2-3	GO:0071555	Development	Development	cell wall organization	P	AT5G56590
25526	4	F23 vs. M23	M2-3	GO:0007098	Development	Development	centrosome cycle	P	AT5G17620
25527	4	F23 vs. M23	M2-3	GO:0006325	Development	Development	chromatin organization	P	AT1G14510
25528	4	F23 vs. M23	M2-3	GO:0006325	Development	Development	chromatin organization	P	AT3G24010
25529	4	F23 vs. M23	M2-3	GO:0006325	Development	Development	chromatin organization	P	AT5G51230
25530	4	F23 vs. M23	M2-3	GO:0006325	Development	Development	chromatin organization	P	AT5G63670
25531	4	F23 vs. M23	M2-3	GO:0098687	Development	Development	chromosomal region	C	AT4G12080
25532	4	F23 vs. M23	M2-3	GO:0000781	Development	Development	chromosome, telomeric region	C	AT3G02920
25533	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G04170
25534	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G07370
25535	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G08130

25536	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G45145
25537	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G47250
25538	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G52030
25539	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G53140
25540	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G54650
25541	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G72040
25542	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT1G73030
25543	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G20740
25544	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G27970
25545	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G33735
25546	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G39840
25547	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT2G47900
25548	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G07800
25549	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G08710
25550	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G10500
25551	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G12170
25552	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G13580
25553	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G16410
25554	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G16780
25555	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G22630
25556	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G56090
25557	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT3G62220
25558	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G09900
25559	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G12080
25560	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G12720
25561	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G14110
25562	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G25970
25563	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G26610
25564	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G30480
25565	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G33400
25566	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G35910
25567	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G36610
25568	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G39150
25569	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT4G39910
25570	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G16970
25571	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G19730
25572	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G20570
25573	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G43080
25574	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G56580
25575	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G56600
25576	4	F23 vs. M23	M2-3	GO:0005737	Development	Development	cytoplasm	C	AT5G64870
25577	4	F23 vs. M23	M2-3	GO:0005856	Development	Development	cytoskeleton	C	AT5G56580
25578	4	F23 vs. M23	M2-3	GO:0005856	Development	Development	cytoskeleton	C	AT5G56600
25579	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G04170
25580	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G07370
25581	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G20930
25582	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G45145
25583	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G47250
25584	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G48830
25585	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT1G52340
25586	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT2G03870
25587	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT2G16570
25588	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT2G40980
25589	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT2G43350
25590	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT2G44620
25591	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT2G47900

25592	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G06960
25593	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G08710
25594	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G10260
25595	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G12670
25596	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G13580
25597	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G16410
25598	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G16780
25599	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G18130
25600	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G22630
25601	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G26750
25602	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G55320
25603	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G56090
25604	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT3G61070
25605	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G12720
25606	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G15770
25607	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G21090
25608	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G22150
25609	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G25970
25610	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G27450
25611	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G30220
25612	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G33400
25613	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT4G39150
25614	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G16970
25615	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G17800
25616	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G36230
25617	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G39850
25618	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G42250
25619	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G51660
25620	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G65020
25621	4	F23 vs. M23	M2-3	GO:0005829	Development	Development	cytosol	C	AT5G65950
25622	4	F23 vs. M23	M2-3	GO:0003006	Development	Development	developmental process involved in reproduction	P	AT4G17460
25623	4	F23 vs. M23	M2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G32930
25624	4	F23 vs. M23	M2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G73030
25625	4	F23 vs. M23	M2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G79490
25626	4	F23 vs. M23	M2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G12670
25627	4	F23 vs. M23	M2-3	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G52940
25628	4	F23 vs. M23	M2-3	GO:0000578	Development	Development	embryonic axis specification	P	AT1G73030
25629	4	F23 vs. M23	M2-3	GO:0000815	Development	Development	ESCRT III complex	C	AT1G73030
25630	4	F23 vs. M23	M2-3	GO:0031012	Development	Development	extracellular matrix	C	AT2G02850
25631	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G04170
25632	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G05260
25633	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G18250
25634	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G25510
25635	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G35140
25636	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G50170
25637	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G60060
25638	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT1G70710
25639	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT2G02850
25640	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT2G07680
25641	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT2G15230
25642	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT2G41290
25643	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT2G45180
25644	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT3G23730
25645	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT4G03210
25646	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT4G26790
25647	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT5G02140

25648	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT5G19730
25649	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT5G23400
25650	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT5G41870
25651	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT5G55000
25652	4	F23 vs. M23	M2-3	GO:0005576	Development	Development	extracellular region	C	AT5G56590
25653	4	F23 vs. M23	M2-3	GO:0005615	Development	Development	extracellular space	C	AT1G35140
25654	4	F23 vs. M23	M2-3	GO:0005615	Development	Development	extracellular space	C	AT2G15230
25655	4	F23 vs. M23	M2-3	GO:0010582	Development	Development	floral meristem determinacy	P	AT4G17460
25656	4	F23 vs. M23	M2-3	GO:0009908	Development	Development	flower development	P	AT1G24260
25657	4	F23 vs. M23	M2-3	GO:0009908	Development	Development	flower development	P	AT1G52030
25658	4	F23 vs. M23	M2-3	GO:0009908	Development	Development	flower development	P	AT3G56090
25659	4	F23 vs. M23	M2-3	GO:0009908	Development	Development	flower development	P	AT5G51230
25660	4	F23 vs. M23	M2-3	GO:0080127	Development	Development	fruit septum development	P	AT4G17460
25661	4	F23 vs. M23	M2-3	GO:0000137	Development	Development	Golgi cis cisterna	C	AT2G47320
25662	4	F23 vs. M23	M2-3	GO:0005797	Development	Development	Golgi medial cisterna	C	AT3G29810
25663	4	F23 vs. M23	M2-3	GO:0005797	Development	Development	Golgi medial cisterna	C	AT5G25100
25664	4	F23 vs. M23	M2-3	GO:0007030	Development	Development	Golgi organization	P	AT4G22150
25665	4	F23 vs. M23	M2-3	GO:0090391	Development	Development	granum assembly	P	AT5G08050
25666	4	F23 vs. M23	M2-3	GO:0010444	Development	Development	guard mother cell differentiation	P	AT2G38620
25667	4	F23 vs. M23	M2-3	GO:0048467	Development	Development	gynoecium development	P	AT4G17460
25668	4	F23 vs. M23	M2-3	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT3G46180
25669	4	F23 vs. M23	M2-3	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT3G52940
25670	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G04760
25671	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G27120
25672	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G27770
25673	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G32930
25674	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G34190
25675	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G51460
25676	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT1G75630
25677	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G02370
25678	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G04900
25679	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G07680
25680	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G20740
25681	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G26710
25682	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G29020
25683	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT2G45590
25684	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G02580
25685	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G03860
25686	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G06960
25687	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G10260
25688	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G10500
25689	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G16180
25690	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G20240
25691	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G27870
25692	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT3G50660
25693	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G28770
25694	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G33430
25695	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT4G37400
25696	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G02410
25697	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G08050
25698	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G20520
25699	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G25100
25700	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	AT5G40770
25701	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	ATMG00410

25702	4	F23 vs. M23	M2-3	GO:0016021	Development	Development	integral component of membrane	C	ATMG01370
25703	4	F23 vs. M23	M2-3	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G55320
25704	4	F23 vs. M23	M2-3	GO:0080060	Development	Development	integument development	P	AT4G09960
25705	4	F23 vs. M23	M2-3	GO:0080060	Development	Development	integument development	P	AT5G17800
25706	4	F23 vs. M23	M2-3	GO:0080060	Development	Development	integument development	P	AT5G42630
25707	4	F23 vs. M23	M2-3	GO:0048527	Development	Development	lateral root development	P	AT5G40770
25708	4	F23 vs. M23	M2-3	GO:0048527	Development	Development	lateral root development	P	AT5G56600
25709	4	F23 vs. M23	M2-3	GO:0010311	Development	Development	lateral root formation	P	AT4G35910
25710	4	F23 vs. M23	M2-3	GO:0010311	Development	Development	lateral root formation	P	AT5G56580
25711	4	F23 vs. M23	M2-3	GO:0048366	Development	Development	leaf development	P	AT1G04020
25712	4	F23 vs. M23	M2-3	GO:0048366	Development	Development	leaf development	P	AT3G50660
25713	4	F23 vs. M23	M2-3	GO:0048366	Development	Development	leaf development	P	AT3G56090
25714	4	F23 vs. M23	M2-3	GO:0048366	Development	Development	leaf development	P	AT4G02440
25715	4	F23 vs. M23	M2-3	GO:0048366	Development	Development	leaf development	P	AT4G18390
25716	4	F23 vs. M23	M2-3	GO:0048366	Development	Development	leaf development	P	AT5G02410
25717	4	F23 vs. M23	M2-3	GO:0009965	Development	Development	leaf morphogenesis	P	AT4G18390
25718	4	F23 vs. M23	M2-3	GO:0010358	Development	Development	leaf shaping	P	AT3G50660
25719	4	F23 vs. M23	M2-3	GO:0016020	Development	Development	membrane	C	AT1G53140
25720	4	F23 vs. M23	M2-3	GO:0016020	Development	Development	membrane	C	AT2G07680
25721	4	F23 vs. M23	M2-3	GO:0016020	Development	Development	membrane	C	AT3G06960
25722	4	F23 vs. M23	M2-3	GO:0016020	Development	Development	membrane	C	AT5G65020
25723	4	F23 vs. M23	M2-3	GO:0061025	Development	Development	membrane fusion	P	AT4G22150
25724	4	F23 vs. M23	M2-3	GO:0048507	Development	Development	meristem development	P	AT4G17460
25725	4	F23 vs. M23	M2-3	GO:0007275	Development	Development	multicellular organism development	P	AT1G24260
25726	4	F23 vs. M23	M2-3	GO:0007275	Development	Development	multicellular organism development	P	AT2G42830
25727	4	F23 vs. M23	M2-3	GO:0007275	Development	Development	multicellular organism development	P	AT3G50660
25728	4	F23 vs. M23	M2-3	GO:0007275	Development	Development	multicellular organism development	P	AT3G58780
25729	4	F23 vs. M23	M2-3	GO:0007275	Development	Development	multicellular organism development	P	AT4G09960
25730	4	F23 vs. M23	M2-3	GO:0007275	Development	Development	multicellular organism development	P	AT4G14110
25731	4	F23 vs. M23	M2-3	GO:0005771	Development	Development	multivesicular body	C	AT1G73030
25732	4	F23 vs. M23	M2-3	GO:0005846	Development	Development	nuclear cap binding complex	C	AT2G13540
25733	4	F23 vs. M23	M2-3	GO:0000790	Development	Development	nuclear chromatin	C	AT3G44530
25734	4	F23 vs. M23	M2-3	GO:0000790	Development	Development	nuclear chromatin	C	AT5G64610
25735	4	F23 vs. M23	M2-3	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT5G61000
25736	4	F23 vs. M23	M2-3	GO:0005656	Development	Development	nuclear pre-replicative complex	C	AT3G25100
25737	4	F23 vs. M23	M2-3	GO:0005654	Development	Development	nucleoplasm	C	AT2G47900
25738	4	F23 vs. M23	M2-3	GO:0005654	Development	Development	nucleoplasm	C	AT4G12080
25739	4	F23 vs. M23	M2-3	GO:0005654	Development	Development	nucleoplasm	C	AT5G16970
25740	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G04020
25741	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G07370
25742	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G08130
25743	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G09815
25744	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G12200
25745	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G12830
25746	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G14510
25747	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G16500
25748	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G19120
25749	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G20650
25750	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G20930
25751	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G24260
25752	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G26470
25753	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G27770
25754	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G34190
25755	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G45145
25756	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G47250
25757	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G48830

25758	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G50490
25759	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G52340
25760	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G60060
25761	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G72040
25762	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT1G75710
25763	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G03870
25764	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G04890
25765	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G13540
25766	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G15400
25767	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G27970
25768	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G28840
25769	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G33735
25770	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G38620
25771	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G39840
25772	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G42830
25773	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G45590
25774	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G45850
25775	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G47320
25776	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT2G47900
25777	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G02550
25778	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G02920
25779	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G06960
25780	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G08710
25781	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G10260
25782	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G10500
25783	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G11690
25784	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G13445
25785	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G14010
25786	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G15095
25787	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G16410
25788	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G17160
25789	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G18130
25790	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G19910
25791	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G21175
25792	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G22630
25793	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G24010
25794	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G26750
25795	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G44530
25796	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G47160
25797	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G48440
25798	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G49810
25799	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G51280
25800	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G52610
25801	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G52940
25802	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G55320
25803	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G55660
25804	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G58780
25805	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT3G61610
25806	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G01090
25807	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G02390
25808	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G02440
25809	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G02730
25810	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G09960
25811	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G10270
25812	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G10620
25813	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G10925

25814	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G10970
25815	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G12080
25816	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G12720
25817	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G14110
25818	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G15770
25819	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G17460
25820	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G18390
25821	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G22150
25822	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G22360
25823	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G26610
25824	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G27450
25825	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G27900
25826	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G30220
25827	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G30480
25828	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G33400
25829	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G35910
25830	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT4G39910
25831	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G10400
25832	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G14710
25833	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G16970
25834	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G17800
25835	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G20570
25836	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G35560
25837	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G36230
25838	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G40820
25839	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G42630
25840	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G43080
25841	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G48340
25842	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G51230
25843	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G51660
25844	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G54930
25845	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G56600
25846	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G61000
25847	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G63670
25848	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G64610
25849	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G65020
25850	4	F23 vs. M23	M2-3	GO:0005634	Development	Development	nucleus	C	AT5G65950
25851	4	F23 vs. M23	M2-3	GO:0019866	Development	Development	organelle inner membrane	C	AT5G20520
25852	4	F23 vs. M23	M2-3	GO:0080172	Development	Development	petal epidermis patterning	P	AT1G51460
25853	4	F23 vs. M23	M2-3	GO:0009524	Development	Development	phragmoplast	C	AT5G17620
25854	4	F23 vs. M23	M2-3	GO:0009524	Development	Development	phragmoplast	C	AT5G56580
25855	4	F23 vs. M23	M2-3	GO:0048481	Development	Development	plant ovule development	P	AT1G24260
25856	4	F23 vs. M23	M2-3	GO:0048481	Development	Development	plant ovule development	P	AT2G42830
25857	4	F23 vs. M23	M2-3	GO:0048481	Development	Development	plant ovule development	P	AT3G58780
25858	4	F23 vs. M23	M2-3	GO:0048481	Development	Development	plant ovule development	P	AT4G09960
25859	4	F23 vs. M23	M2-3	GO:0048481	Development	Development	plant ovule development	P	AT5G42630
25860	4	F23 vs. M23	M2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT1G05260
25861	4	F23 vs. M23	M2-3	GO:0009505	Development	Development	plant-type cell wall	C	AT1G35140
25862	4	F23 vs. M23	M2-3	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT3G29810
25863	4	F23 vs. M23	M2-3	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29810
25864	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G04760
25865	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G08860
25866	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G20650
25867	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G27770
25868	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G45145
25869	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G47250

25870	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G48830
25871	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G51460
25872	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G69840
25873	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT1G75630
25874	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G02370
25875	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G27060
25876	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G40980
25877	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G45590
25878	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G45850
25879	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT2G47900
25880	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G08710
25881	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G10500
25882	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G16180
25883	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G16780
25884	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G22630
25885	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G27870
25886	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G29810
25887	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G46180
25888	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G55320
25889	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT3G62220
25890	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G12720
25891	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G26610
25892	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G27450
25893	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G28770
25894	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G30220
25895	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G33400
25896	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G33430
25897	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT4G39150
25898	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G08050
25899	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G10400
25900	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G11020
25901	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G20520
25902	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G25100
25903	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G40770
25904	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G56590
25905	4	F23 vs. M23	M2-3	GO:0005886	Development	Development	plasma membrane	C	AT5G64870
25906	4	F23 vs. M23	M2-3	GO:0080022	Development	Development	primary root development	P	AT5G65020
25907	4	F23 vs. M23	M2-3	GO:1904961	Development	Development	quiescent center organization	P	AT5G17800
25908	4	F23 vs. M23	M2-3	GO:0048364	Development	Development	root development	P	AT3G18130
25909	4	F23 vs. M23	M2-3	GO:0048364	Development	Development	root development	P	AT5G20520
25910	4	F23 vs. M23	M2-3	GO:0010214	Development	Development	seed coat development	P	AT3G29810
25911	4	F23 vs. M23	M2-3	GO:0010214	Development	Development	seed coat development	P	AT4G09960
25912	4	F23 vs. M23	M2-3	GO:0048316	Development	Development	seed development	P	AT3G29810
25913	4	F23 vs. M23	M2-3	GO:0048316	Development	Development	seed development	P	AT4G09960
25914	4	F23 vs. M23	M2-3	GO:0009845	Development	Development	seed germination	P	AT3G18130
25915	4	F23 vs. M23	M2-3	GO:0009845	Development	Development	seed germination	P	AT5G56600
25916	4	F23 vs. M23	M2-3	GO:0090351	Development	Development	seedling development	P	AT1G73030
25917	4	F23 vs. M23	M2-3	GO:0090351	Development	Development	seedling development	P	AT5G56600
25918	4	F23 vs. M23	M2-3	GO:0048367	Development	Development	shoot system development	P	AT3G18130
25919	4	F23 vs. M23	M2-3	GO:0010093	Development	Development	specification of floral organ identity	P	AT1G24260
25920	4	F23 vs. M23	M2-3	GO:0048833	Development	Development	specification of floral organ number	P	AT1G24260
25921	4	F23 vs. M23	M2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G02580
25922	4	F23 vs. M23	M2-3	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G50660
25923	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G69840
25924	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75630
25925	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G07680

25926	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT2G20740
25927	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G06960
25928	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT3G22630
25929	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT4G28770
25930	4	F23 vs. M23	M2-3	GO:0005774	Development	Development	vacuolar membrane	C	AT5G40770
25931	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT1G69840
25932	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT1G75630
25933	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT2G41290
25934	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT3G22630
25935	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT4G28770
25936	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT5G40770
25937	4	F23 vs. M23	M2-3	GO:0005773	Development	Development	vacuole	C	AT5G64870
25938	4	F23 vs. M23	M2-3	GO:0032440	Metabolism	Bioenergetics	2-alkenal reductase [NAD(P)+] activity	F	AT5G16970
25939	4	F23 vs. M23	M2-3	GO:0080042	Metabolism	Bioenergetics	ADP-glucose pyrophosphohydrolase activity	F	AT4G12720
25940	4	F23 vs. M23	M2-3	GO:0047631	Metabolism	Bioenergetics	ADP-ribose diphosphatase activity	F	AT4G12720
25941	4	F23 vs. M23	M2-3	GO:0080041	Metabolism	Bioenergetics	ADP-ribose pyrophosphohydrolase activity	F	AT4G12720
25942	4	F23 vs. M23	M2-3	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT1G12830
25943	4	F23 vs. M23	M2-3	GO:0004022	Metabolism	Bioenergetics	alcohol dehydrogenase (NAD+) activity	F	AT1G52340
25944	4	F23 vs. M23	M2-3	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATMG00410
25945	4	F23 vs. M23	M2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G51460
25946	4	F23 vs. M23	M2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G75630
25947	4	F23 vs. M23	M2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07680
25948	4	F23 vs. M23	M2-3	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G55320
25949	4	F23 vs. M23	M2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G27120
25950	4	F23 vs. M23	M2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G52030
25951	4	F23 vs. M23	M2-3	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16410
25952	4	F23 vs. M23	M2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G48530
25953	4	F23 vs. M23	M2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G61610
25954	4	F23 vs. M23	M2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G41870
25955	4	F23 vs. M23	M2-3	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G56590
25956	4	F23 vs. M23	M2-3	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	ATMG00410
25957	4	F23 vs. M23	M2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G02850
25958	4	F23 vs. M23	M2-3	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G21090
25959	4	F23 vs. M23	M2-3	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT2G44620
25960	4	F23 vs. M23	M2-3	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT3G48530
25961	4	F23 vs. M23	M2-3	GO:0047938	Metabolism	Bioenergetics	glucose-6-phosphate 1-epimerase activity	F	AT3G61610
25962	4	F23 vs. M23	M2-3	GO:0042776	Metabolism	Bioenergetics	mitochondrial ATP synthesis coupled proton transport	P	ATMG00410
25963	4	F23 vs. M23	M2-3	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT1G12830
25964	4	F23 vs. M23	M2-3	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT3G20240
25965	4	F23 vs. M23	M2-3	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	ATMG00410
25966	4	F23 vs. M23	M2-3	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G44620
25967	4	F23 vs. M23	M2-3	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	ATMG01370
25968	4	F23 vs. M23	M2-3	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	ATMG00410
25969	4	F23 vs. M23	M2-3	GO:0033615	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex assembly	P	AT2G34050
25970	4	F23 vs. M23	M2-3	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT5G40770
25971	4	F23 vs. M23	M2-3	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT1G12830
25972	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G08130
25973	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20230
25974	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G54120
25975	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69840
25976	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71260
25977	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73030

25978	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79490
25979	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80270
25980	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G04900
25981	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G13540
25982	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G34050
25983	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40720
25984	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G43350
25985	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G44620
25986	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47320
25987	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G06960
25988	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G10260
25989	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G27870
25990	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G61070
25991	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G62220
25992	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G10970
25993	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12080
25994	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G21090
25995	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G11020
25996	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G25100
25997	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40660
25998	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40770
25999	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43080
26000	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G48340
26001	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00410
26002	4	F23 vs. M23	M2-3	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01370
26003	4	F23 vs. M23	M2-3	GO:0007005	Metabolism	Bioenergetics	mitochondrion organization	P	AT5G40770
26004	4	F23 vs. M23	M2-3	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT4G12720
26005	4	F23 vs. M23	M2-3	GO:0003950	Metabolism	Bioenergetics	NAD+ ADP-ribosyltransferase activity	F	AT4G02390
26006	4	F23 vs. M23	M2-3	GO:0000210	Metabolism	Bioenergetics	NAD+ diphosphatase activity	F	AT4G12720
26007	4	F23 vs. M23	M2-3	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G12720
26008	4	F23 vs. M23	M2-3	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G12200
26009	4	F23 vs. M23	M2-3	GO:0016671	Metabolism	Bioenergetics	oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor	F	AT1G45145
26010	4	F23 vs. M23	M2-3	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT2G26710
26011	4	F23 vs. M23	M2-3	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G50660
26012	4	F23 vs. M23	M2-3	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G37400
26013	4	F23 vs. M23	M2-3	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G75630
26014	4	F23 vs. M23	M2-3	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATMG00410
26015	4	F23 vs. M23	M2-3	GO:0045259	Metabolism	Bioenergetics	proton-transporting ATP synthase complex	C	ATMG00410
26016	4	F23 vs. M23	M2-3	GO:0043461	Metabolism	Bioenergetics	proton-transporting ATP synthase complex assembly	P	AT5G40660
26017	4	F23 vs. M23	M2-3	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATMG00410
26018	4	F23 vs. M23	M2-3	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT1G75630
26019	4	F23 vs. M23	M2-3	GO:0033179	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V0 domain	C	AT1G75630
26020	4	F23 vs. M23	M2-3	GO:0010581	Metabolism	Bioenergetics	regulation of starch biosynthetic process	P	AT4G12720
26021	4	F23 vs. M23	M2-3	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT2G44620
26022	4	F23 vs. M23	M2-3	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT1G12830
26023	4	F23 vs. M23	M2-3	GO:0000045	Metabolism	Catabolism	autophagosome assembly	P	AT4G22150

26024	4	F23 vs. M23	M2-3	GO:0008219	Metabolism	Catabolism	cell death	P	AT4G33430
26025	4	F23 vs. M23	M2-3	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G70710
26026	4	F23 vs. M23	M2-3	GO:0031462	Metabolism	Catabolism	Cul2-RING ubiquitin ligase complex	C	AT5G20570
26027	4	F23 vs. M23	M2-3	GO:0031463	Metabolism	Catabolism	Cul3-RING ubiquitin ligase complex	C	AT5G20570
26028	4	F23 vs. M23	M2-3	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT4G02730
26029	4	F23 vs. M23	M2-3	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G20570
26030	4	F23 vs. M23	M2-3	GO:0031467	Metabolism	Catabolism	Cul7-RING ubiquitin ligase complex	C	AT5G20570
26031	4	F23 vs. M23	M2-3	GO:0031461	Metabolism	Catabolism	cullin-RING ubiquitin ligase complex	C	AT5G20570
26032	4	F23 vs. M23	M2-3	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G39910
26033	4	F23 vs. M23	M2-3	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G47250
26034	4	F23 vs. M23	M2-3	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G22630
26035	4	F23 vs. M23	M2-3	GO:0046294	Metabolism	Catabolism	formaldehyde catabolic process	P	AT5G42250
26036	4	F23 vs. M23	M2-3	GO:0010047	Metabolism	Catabolism	fruit dehiscence	P	AT3G58780
26037	4	F23 vs. M23	M2-3	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G16410
26038	4	F23 vs. M23	M2-3	GO:0005779	Metabolism	Catabolism	integral component of peroxisomal membrane	C	AT3G61070
26039	4	F23 vs. M23	M2-3	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G34190
26040	4	F23 vs. M23	M2-3	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G10500
26041	4	F23 vs. M23	M2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT2G15230
26042	4	F23 vs. M23	M2-3	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G26790
26043	4	F23 vs. M23	M2-3	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT4G14110
26044	4	F23 vs. M23	M2-3	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G19730
26045	4	F23 vs. M23	M2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G05260
26046	4	F23 vs. M23	M2-3	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G43350
26047	4	F23 vs. M23	M2-3	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT3G61070
26048	4	F23 vs. M23	M2-3	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G61070
26049	4	F23 vs. M23	M2-3	GO:0016559	Metabolism	Catabolism	peroxisome fission	P	AT3G61070
26050	4	F23 vs. M23	M2-3	GO:0007031	Metabolism	Catabolism	peroxisome organization	P	AT3G61070
26051	4	F23 vs. M23	M2-3	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT1G47250
26052	4	F23 vs. M23	M2-3	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT3G22630
26053	4	F23 vs. M23	M2-3	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT1G47250
26054	4	F23 vs. M23	M2-3	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT3G22630
26055	4	F23 vs. M23	M2-3	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G47250
26056	4	F23 vs. M23	M2-3	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT3G22630
26057	4	F23 vs. M23	M2-3	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT5G14710
26058	4	F23 vs. M23	M2-3	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT1G47250
26059	4	F23 vs. M23	M2-3	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT3G22630
26060	4	F23 vs. M23	M2-3	GO:0019773	Metabolism	Catabolism	proteasome core complex, alpha-subunit complex	C	AT1G47250
26061	4	F23 vs. M23	M2-3	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G47250
26062	4	F23 vs. M23	M2-3	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT3G22630
26063	4	F23 vs. M23	M2-3	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT3G26750
26064	4	F23 vs. M23	M2-3	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT4G22150
26065	4	F23 vs. M23	M2-3	GO:0051865	Metabolism	Catabolism	protein autoubiquitination	P	AT3G26750
26066	4	F23 vs. M23	M2-3	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G25510
26067	4	F23 vs. M23	M2-3	GO:0006513	Metabolism	Catabolism	protein monoubiquitination	P	AT3G26750
26068	4	F23 vs. M23	M2-3	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT3G26750
26069	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G50490
26070	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G28840
26071	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G49810
26072	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G02440
26073	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G10925

26074	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G20570
26075	4	F23 vs. M23	M2-3	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G55000
26076	4	F23 vs. M23	M2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G25510
26077	4	F23 vs. M23	M2-3	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G20520
26078	4	F23 vs. M23	M2-3	GO:0044375	Metabolism	Catabolism	regulation of peroxisome size	P	AT3G61070
26079	4	F23 vs. M23	M2-3	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G20570
26080	4	F23 vs. M23	M2-3	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT1G47250
26081	4	F23 vs. M23	M2-3	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT3G22630
26082	4	F23 vs. M23	M2-3	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G27970
26083	4	F23 vs. M23	M2-3	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT4G22150
26084	4	F23 vs. M23	M2-3	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G50490
26085	4	F23 vs. M23	M2-3	GO:0031624	Metabolism	Catabolism	ubiquitin conjugating enzyme binding	F	AT3G26750
26086	4	F23 vs. M23	M2-3	GO:0000151	Metabolism	Catabolism	ubiquitin ligase complex	C	AT3G26750
26087	4	F23 vs. M23	M2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G26750
26088	4	F23 vs. M23	M2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G49810
26089	4	F23 vs. M23	M2-3	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G20570
26090	4	F23 vs. M23	M2-3	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G47250
26091	4	F23 vs. M23	M2-3	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G22630
26092	4	F23 vs. M23	M2-3	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G39910
26093	4	F23 vs. M23	M2-3	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G20570
26094	4	F23 vs. M23	M2-3	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G50490
26095	4	F23 vs. M23	M2-3	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT4G02440
26096	4	F23 vs. M23	M2-3	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT4G21090
26097	4	F23 vs. M23	M2-3	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT1G50170
26098	4	F23 vs. M23	M2-3	GO:0030041	Metabolism	Metabolism	actin filament polymerization	P	AT5G56600
26099	4	F23 vs. M23	M2-3	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT5G56600
26100	4	F23 vs. M23	M2-3	GO:0000035	Metabolism	Metabolism	acyl binding	F	AT2G44620
26101	4	F23 vs. M23	M2-3	GO:0000036	Metabolism	Metabolism	acyl carrier activity	F	AT2G44620
26102	4	F23 vs. M23	M2-3	GO:0004024	Metabolism	Metabolism	alcohol dehydrogenase activity, zinc-dependent	F	AT5G42250
26103	4	F23 vs. M23	M2-3	GO:0004044	Metabolism	Metabolism	amidophosphoribosyltransferase activity	F	AT2G16570
26104	4	F23 vs. M23	M2-3	GO:0010405	Metabolism	Metabolism	arabinogalactan protein metabolic process	P	AT1G27120
26105	4	F23 vs. M23	M2-3	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G25510
26106	4	F23 vs. M23	M2-3	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G19730
26107	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G08130
26108	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G20650
26109	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G20930
26110	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G27770
26111	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50490
26112	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G51460
26113	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07680
26114	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G38620
26115	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G45590
26116	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07800
26117	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12670
26118	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G27870
26119	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G48530
26120	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55320
26121	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G62220
26122	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G26610
26123	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G33430
26124	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G40820
26125	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G56580
26126	4	F23 vs. M23	M2-3	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G61000
26127	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G16500
26128	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G27385

26129	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G54120
26130	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G61667
26131	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G69840
26132	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G02370
26133	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20740
26134	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G29020
26135	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G11690
26136	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G17160
26137	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G48440
26138	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G52610
26139	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G15830
26140	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G22360
26141	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G27900
26142	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28260
26143	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G29030
26144	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G14710
26145	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G35560
26146	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48340
26147	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G54930
26148	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64870
26149	4	F23 vs. M23	M2-3	GO:0008150	Metabolism	Metabolism	biological_process	P	ATMG01370
26150	4	F23 vs. M23	M2-3	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT2G41290
26151	4	F23 vs. M23	M2-3	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G70710
26152	4	F23 vs. M23	M2-3	GO:0010215	Metabolism	Metabolism	cellulose microfibril organization	P	AT3G29810
26153	4	F23 vs. M23	M2-3	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT3G25100
26154	4	F23 vs. M23	M2-3	GO:0009236	Metabolism	Metabolism	cobalamin biosynthetic process	P	AT1G50170
26155	4	F23 vs. M23	M2-3	GO:0006241	Metabolism	Metabolism	CTP biosynthetic process	P	AT3G12670
26156	4	F23 vs. M23	M2-3	GO:0003883	Metabolism	Metabolism	CTP synthase activity	F	AT3G12670
26157	4	F23 vs. M23	M2-3	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT5G20570
26158	4	F23 vs. M23	M2-3	GO:0044210	Metabolism	Metabolism	'de novo' CTP biosynthetic process	P	AT3G12670
26159	4	F23 vs. M23	M2-3	GO:0006189	Metabolism	Metabolism	'de novo' IMP biosynthetic process	P	AT2G16570
26160	4	F23 vs. M23	M2-3	GO:0050613	Metabolism	Metabolism	delta14-sterol reductase activity	F	AT3G52940
26161	4	F23 vs. M23	M2-3	GO:0019136	Metabolism	Metabolism	deoxynucleoside kinase activity	F	AT1G72040
26162	4	F23 vs. M23	M2-3	GO:0009157	Metabolism	Metabolism	deoxyribonucleoside monophosphate biosynthetic process	P	AT1G72040
26163	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G04020
26164	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G07370
26165	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G08130
26166	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G24260
26167	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G71260
26168	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G15400
26169	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G44530
26170	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G48440
26171	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G58780
26172	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G02390
26173	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G09960
26174	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G12080
26175	4	F23 vs. M23	M2-3	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G51230
26176	4	F23 vs. M23	M2-3	GO:0006259	Metabolism	Metabolism	DNA metabolic process	P	AT3G07800
26177	4	F23 vs. M23	M2-3	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT5G02410
26178	4	F23 vs. M23	M2-3	GO:0106073	Metabolism	Metabolism	dolichyl pyrophosphate Glc2Man9GlcNAc2 alpha-1,2-glucosyltransferase activity	F	AT5G02410
26179	4	F23 vs. M23	M2-3	GO:0004583	Metabolism	Metabolism	dolichyl-phosphate-glucose-glycolipid alpha-glucosyltransferase activity	F	AT5G02410
26180	4	F23 vs. M23	M2-3	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT3G18130

26181	4	F23 vs. M23	M2-3	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G20740
26182	4	F23 vs. M23	M2-3	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G56090
26183	4	F23 vs. M23	M2-3	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G56090
26184	4	F23 vs. M23	M2-3	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G56090
26185	4	F23 vs. M23	M2-3	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G12200
26186	4	F23 vs. M23	M2-3	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT1G32930
26187	4	F23 vs. M23	M2-3	GO:0046527	Metabolism	Metabolism	glucosyltransferase activity	F	AT5G02410
26188	4	F23 vs. M23	M2-3	GO:0006541	Metabolism	Metabolism	glutamine metabolic process	P	AT2G16570
26189	4	F23 vs. M23	M2-3	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT1G45145
26190	4	F23 vs. M23	M2-3	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT3G08710
26191	4	F23 vs. M23	M2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G04170
26192	4	F23 vs. M23	M2-3	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G10620
26193	4	F23 vs. M23	M2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G04170
26194	4	F23 vs. M23	M2-3	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G53140
26195	4	F23 vs. M23	M2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G05260
26196	4	F23 vs. M23	M2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G26710
26197	4	F23 vs. M23	M2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G50660
26198	4	F23 vs. M23	M2-3	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37400
26199	4	F23 vs. M23	M2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G72040
26200	4	F23 vs. M23	M2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G10620
26201	4	F23 vs. M23	M2-3	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G36610
26202	4	F23 vs. M23	M2-3	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G26790
26203	4	F23 vs. M23	M2-3	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G23730
26204	4	F23 vs. M23	M2-3	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT4G03210
26205	4	F23 vs. M23	M2-3	GO:1990714	Metabolism	Metabolism	hydroxyproline O-galactosyltransferase activity	F	AT1G27120
26206	4	F23 vs. M23	M2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G50170
26207	4	F23 vs. M23	M2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G07800
26208	4	F23 vs. M23	M2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G12670
26209	4	F23 vs. M23	M2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G56090
26210	4	F23 vs. M23	M2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G61070
26211	4	F23 vs. M23	M2-3	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G33430
26212	4	F23 vs. M23	M2-3	GO:0042343	Metabolism	Metabolism	indole glucosinolate metabolic process	P	AT4G37400
26213	4	F23 vs. M23	M2-3	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G56090
26214	4	F23 vs. M23	M2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G26710
26215	4	F23 vs. M23	M2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G02580
26216	4	F23 vs. M23	M2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G50660
26217	4	F23 vs. M23	M2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G56090
26218	4	F23 vs. M23	M2-3	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G37400
26219	4	F23 vs. M23	M2-3	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT1G50170
26220	4	F23 vs. M23	M2-3	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT2G16570
26221	4	F23 vs. M23	M2-3	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G41870
26222	4	F23 vs. M23	M2-3	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G27870
26223	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G05260
26224	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G08130
26225	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27770
26226	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G50170
26227	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G02850
26228	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G16570
26229	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G28840
26230	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G39840
26231	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G07800
26232	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G19910
26233	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24010
26234	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24450

26235	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G48440
26236	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12720
26237	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G21090
26238	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G61000
26239	4	F23 vs. M23	M2-3	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G64610
26240	4	F23 vs. M23	M2-3	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT1G53140
26241	4	F23 vs. M23	M2-3	GO:0051011	Metabolism	Metabolism	microtubule minus-end binding	F	AT5G17620
26242	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G16500
26243	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G26470
26244	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G27385
26245	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G35140
26246	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G54120
26247	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G61667
26248	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70900
26249	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G02370
26250	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G04900
26251	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20740
26252	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G29020
26253	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G11690
26254	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17160
26255	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G29810
26256	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G52610
26257	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10270
26258	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10925
26259	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G27900
26260	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28770
26261	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29030
26262	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G33400
26263	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G02140
26264	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G08050
26265	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G14710
26266	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G35560
26267	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G48340
26268	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G64870
26269	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G65950
26270	4	F23 vs. M23	M2-3	GO:0003674	Metabolism	Metabolism	molecular_function	F	ATMG01370
26271	4	F23 vs. M23	M2-3	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G50660
26272	4	F23 vs. M23	M2-3	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G37400
26273	4	F23 vs. M23	M2-3	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT3G29810
26274	4	F23 vs. M23	M2-3	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G12200
26275	4	F23 vs. M23	M2-3	GO:0019788	Metabolism	Metabolism	NEDD8 transferase activity	F	AT5G20570
26276	4	F23 vs. M23	M2-3	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT3G48530
26277	4	F23 vs. M23	M2-3	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT3G16410
26278	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G05260
26279	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G12200
26280	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G45145
26281	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G52340
26282	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G26710
26283	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G43350
26284	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G44620
26285	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G02580
26286	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G08710
26287	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50660
26288	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G52940
26289	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G56090

26290	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37400
26291	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G16970
26292	4	F23 vs. M23	M2-3	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42250
26293	4	F23 vs. M23	M2-3	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G19730
26294	4	F23 vs. M23	M2-3	GO:0070300	Metabolism	Metabolism	phosphatidic acid binding	F	AT3G06960
26295	4	F23 vs. M23	M2-3	GO:0006646	Metabolism	Metabolism	phosphatidylethanolamine biosynthetic process	P	AT4G25970
26296	4	F23 vs. M23	M2-3	GO:0004609	Metabolism	Metabolism	phosphatidylserine decarboxylase activity	F	AT4G25970
26297	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G60060
26298	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G72040
26299	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G40980
26300	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G07800
26301	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G15095
26302	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G62220
26303	4	F23 vs. M23	M2-3	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G11020
26304	4	F23 vs. M23	M2-3	GO:0052324	Metabolism	Metabolism	plant-type cell wall cellulose biosynthetic process	P	AT3G29810
26305	4	F23 vs. M23	M2-3	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT5G41870
26306	4	F23 vs. M23	M2-3	GO:0006561	Metabolism	Metabolism	proline biosynthetic process	P	AT1G52340
26307	4	F23 vs. M23	M2-3	GO:1990404	Metabolism	Metabolism	protein ADP-ribosylase activity	F	AT4G02390
26308	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07370
26309	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19120
26310	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20930
26311	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G24260
26312	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32930
26313	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G69840
26314	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G73030
26315	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G75630
26316	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G04890
26317	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G13540
26318	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G15400
26319	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27970
26320	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G33735
26321	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38620
26322	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G39840
26323	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G42830
26324	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G47900
26325	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02920
26326	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13445
26327	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G14010
26328	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G21175
26329	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G44530
26330	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G58780
26331	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G61070
26332	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G01090
26333	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G02440
26334	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G09960
26335	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G10970
26336	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12720
26337	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G14110
26338	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G17460
26339	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G18390
26340	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26610
26341	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27450
26342	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33430
26343	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G17620
26344	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G17800
26345	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G20570

26346	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G39850
26347	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G40770
26348	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G43080
26349	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51230
26350	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51660
26351	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G55000
26352	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G56580
26353	4	F23 vs. M23	M2-3	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64610
26354	4	F23 vs. M23	M2-3	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT1G69840
26355	4	F23 vs. M23	M2-3	GO:0009113	Metabolism	Metabolism	purine nucleobase biosynthetic process	P	AT2G16570
26356	4	F23 vs. M23	M2-3	GO:0019856	Metabolism	Metabolism	pyrimidine nucleobase biosynthetic process	P	AT3G12670
26357	4	F23 vs. M23	M2-3	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT5G56600
26358	4	F23 vs. M23	M2-3	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT5G20520
26359	4	F23 vs. M23	M2-3	GO:0019354	Metabolism	Metabolism	siroheme biosynthetic process	P	AT1G50170
26360	4	F23 vs. M23	M2-3	GO:0016852	Metabolism	Metabolism	sirohydrochlorin cobaltochelatase activity	F	AT1G50170
26361	4	F23 vs. M23	M2-3	GO:0051266	Metabolism	Metabolism	sirohydrochlorin ferrochelatase activity	F	AT1G50170
26362	4	F23 vs. M23	M2-3	GO:0016783	Metabolism	Metabolism	sulfurtransferase activity	F	AT4G35910
26363	4	F23 vs. M23	M2-3	GO:0010180	Metabolism	Metabolism	thioglucosidase binding	F	AT1G52030
26364	4	F23 vs. M23	M2-3	GO:0010169	Metabolism	Metabolism	thioglucosidase complex	C	AT1G52030
26365	4	F23 vs. M23	M2-3	GO:0004797	Metabolism	Metabolism	thymidine kinase activity	F	AT3G07800
26366	4	F23 vs. M23	M2-3	GO:0046104	Metabolism	Metabolism	thymidine metabolic process	P	AT3G07800
26367	4	F23 vs. M23	M2-3	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT2G28840
26368	4	F23 vs. M23	M2-3	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT4G28260
26369	4	F23 vs. M23	M2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G27120
26370	4	F23 vs. M23	M2-3	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G32930
26371	4	F23 vs. M23	M2-3	GO:0019985	Metabolism	Metabolism	translesion synthesis	P	AT1G07370
26372	4	F23 vs. M23	M2-3	GO:0004806	Metabolism	Metabolism	triglyceride lipase activity	F	AT2G15230
26373	4	F23 vs. M23	M2-3	GO:0010301	Metabolism	Metabolism	xanthoxin dehydrogenase activity	F	AT1G52340
26374	4	F23 vs. M23	M2-3	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G23730
26375	4	F23 vs. M23	M2-3	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT4G03210
26376	4	F23 vs. M23	M2-3	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G23730
26377	4	F23 vs. M23	M2-3	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT4G03210
26378	4	F23 vs. M23	M2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G11290
26379	4	F23 vs. M23	M2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G20230
26380	4	F23 vs. M23	M2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G20570
26381	4	F23 vs. M23	M2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G42250
26382	4	F23 vs. M23	M2-3	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G63670
26383	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11290
26384	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27770
26385	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50170
26386	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G61667
26387	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70710
26388	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G71260
26389	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G75630
26390	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80270
26391	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G16570
26392	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G27060
26393	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28840
26394	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31840
26395	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G40980
26396	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G43350
26397	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06960
26398	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15095
26399	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G20240
26400	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55320
26401	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56090

26402	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G09900
26403	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G08050
26404	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11020
26405	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19730
26406	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G20740
26407	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39850
26408	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G40770
26409	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42250
26410	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G56580
26411	4	F23 vs. M23	M2-3	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65020
26412	4	F23 vs. M23	M2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G80270
26413	4	F23 vs. M23	M2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G06960
26414	4	F23 vs. M23	M2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G56090
26415	4	F23 vs. M23	M2-3	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G40770
26416	4	F23 vs. M23	M2-3	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G27770
26417	4	F23 vs. M23	M2-3	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G31840
26418	4	F23 vs. M23	M2-3	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G08050
26419	4	F23 vs. M23	M2-3	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G06960
26420	4	F23 vs. M23	M2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G16570
26421	4	F23 vs. M23	M2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G31840
26422	4	F23 vs. M23	M2-3	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G56090
26423	4	F23 vs. M23	M2-3	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G08050
26424	4	F23 vs. M23	M2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45180
26425	4	F23 vs. M23	M2-3	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G08050
26426	4	F23 vs. M23	M2-3	GO:0009515	Metabolism	Photosynthesis	granal stacked thylakoid	C	AT5G08050
26427	4	F23 vs. M23	M2-3	GO:0110128	Metabolism	Photosynthesis	phloem sucrose unloading	P	AT5G65020
26428	4	F23 vs. M23	M2-3	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G56090
26429	4	F23 vs. M23	M2-3	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT3G15095
26430	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G16570
26431	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G47900
26432	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G06960
26433	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G08710
26434	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16970
26435	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25100
26436	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G39850
26437	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56590
26438	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56600
26439	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64870
26440	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65020
26441	4	F23 vs. M23	M2-3	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65950
26442	4	F23 vs. M23	M2-3	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT2G16570
26443	4	F23 vs. M23	M2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G08050
26444	4	F23 vs. M23	M2-3	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G65020
26445	4	F23 vs. M23	M2-3	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT5G08050
26446	4	F23 vs. M23	M2-3	GO:0046964	Metabolism	Transporters	3'-phosphoadenosine 5'-phosphosulfate transmembrane transporter activity	F	AT3G46180
26447	4	F23 vs. M23	M2-3	GO:0034196	Metabolism	Transporters	acylglycerol transport	P	AT3G06960
26448	4	F23 vs. M23	M2-3	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT3G46180
26449	4	F23 vs. M23	M2-3	GO:0140326	Metabolism	Transporters	ATPase-coupled intramembrane lipid transporter activity	F	AT3G27870
26450	4	F23 vs. M23	M2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G51460
26451	4	F23 vs. M23	M2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G07680
26452	4	F23 vs. M23	M2-3	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G55320

26453	4	F23 vs. M23	M2-3	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT2G07680
26454	4	F23 vs. M23	M2-3	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT1G27770
26455	4	F23 vs. M23	M2-3	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT1G27770
26456	4	F23 vs. M23	M2-3	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G46180
26457	4	F23 vs. M23	M2-3	GO:0080051	Metabolism	Transporters	cutin transport	P	AT1G51460
26458	4	F23 vs. M23	M2-3	GO:0031901	Metabolism	Transporters	early endosome membrane	C	AT1G04760
26459	4	F23 vs. M23	M2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT1G04760
26460	4	F23 vs. M23	M2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT2G43350
26461	4	F23 vs. M23	M2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT4G33430
26462	4	F23 vs. M23	M2-3	GO:0005768	Metabolism	Transporters	endosome	C	AT5G25100
26463	4	F23 vs. M23	M2-3	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT4G33430
26464	4	F23 vs. M23	M2-3	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G25100
26465	4	F23 vs. M23	M2-3	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT1G73030
26466	4	F23 vs. M23	M2-3	GO:1990052	Metabolism	Transporters	ER to chloroplast lipid transport	P	AT3G06960
26467	4	F23 vs. M23	M2-3	GO:0005354	Metabolism	Transporters	galactose transmembrane transporter activity	F	AT3G46180
26468	4	F23 vs. M23	M2-3	GO:0006895	Metabolism	Transporters	Golgi to endosome transport	P	AT5G65950
26469	4	F23 vs. M23	M2-3	GO:0015662	Metabolism	Transporters	ion transmembrane transporter activity, phosphorylative mechanism	F	AT3G27870
26470	4	F23 vs. M23	M2-3	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G56090
26471	4	F23 vs. M23	M2-3	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT1G73030
26472	4	F23 vs. M23	M2-3	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT3G16180
26473	4	F23 vs. M23	M2-3	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT3G24450
26474	4	F23 vs. M23	M2-3	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G16180
26475	4	F23 vs. M23	M2-3	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G16180
26476	4	F23 vs. M23	M2-3	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G16180
26477	4	F23 vs. M23	M2-3	GO:0045332	Metabolism	Transporters	phospholipid translocation	P	AT3G27870
26478	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G05260
26479	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G45145
26480	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G47250
26481	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G51460
26482	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69840
26483	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16410
26484	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G27450
26485	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G23400
26486	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25100
26487	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G39850
26488	4	F23 vs. M23	M2-3	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G40820
26489	4	F23 vs. M23	M2-3	GO:0015774	Metabolism	Transporters	polysaccharide transport	P	AT5G65020
26490	4	F23 vs. M23	M2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G04760
26491	4	F23 vs. M23	M2-3	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G73030
26492	4	F23 vs. M23	M2-3	GO:0015078	Metabolism	Transporters	proton transmembrane transporter activity	F	ATMG00410
26493	4	F23 vs. M23	M2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G02850
26494	4	F23 vs. M23	M2-3	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G22630
26495	4	F23 vs. M23	M2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G43350
26496	4	F23 vs. M23	M2-3	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G25100
26497	4	F23 vs. M23	M2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G51460
26498	4	F23 vs. M23	M2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G72820
26499	4	F23 vs. M23	M2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G07680
26500	4	F23 vs. M23	M2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G20240
26501	4	F23 vs. M23	M2-3	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G55320
26502	4	F23 vs. M23	M2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G72820
26503	4	F23 vs. M23	M2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G20240

26504	4	F23 vs. M23	M2-3	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G46180
26505	4	F23 vs. M23	M2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G04760
26506	4	F23 vs. M23	M2-3	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G73030
26507	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G05260
26508	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27770
26509	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G41290
26510	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G43350
26511	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G06960
26512	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G50660
26513	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G25970
26514	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G02410
26515	4	F23 vs. M23	M2-3	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G20520
26516	4	F23 vs. M23	M2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G34190
26517	4	F23 vs. M23	M2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G02580
26518	4	F23 vs. M23	M2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G10260
26519	4	F23 vs. M23	M2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G10500
26520	4	F23 vs. M23	M2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G25970
26521	4	F23 vs. M23	M2-3	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G02410
26522	4	F23 vs. M23	M2-3	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT3G16410
26523	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27120
26524	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G32930
26525	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G35140
26526	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G43350
26527	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47320
26528	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G29810
26529	4	F23 vs. M23	M2-3	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G25100
26530	4	F23 vs. M23	M2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G27120
26531	4	F23 vs. M23	M2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G32930
26532	4	F23 vs. M23	M2-3	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G25100
26533	4	F23 vs. M23	M2-3	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT3G46180
26534	4	F23 vs. M23	M2-3	GO:0032259	Regulation	Protein modification	methylation	P	AT1G54650
26535	4	F23 vs. M23	M2-3	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT4G33400
26536	4	F23 vs. M23	M2-3	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT4G39910
26537	4	F23 vs. M23	M2-3	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT2G47320
26538	4	F23 vs. M23	M2-3	GO:0000338	Regulation	Protein modification	protein deneddylation	P	AT4G14110
26539	4	F23 vs. M23	M2-3	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT4G39910
26540	4	F23 vs. M23	M2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G24260
26541	4	F23 vs. M23	M2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT2G15400
26542	4	F23 vs. M23	M2-3	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G09960
26543	4	F23 vs. M23	M2-3	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G45145
26544	4	F23 vs. M23	M2-3	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G08710
26545	4	F23 vs. M23	M2-3	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G32930
26546	4	F23 vs. M23	M2-3	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT4G33430
26547	4	F23 vs. M23	M2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G06960
26548	4	F23 vs. M23	M2-3	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G17800
26549	4	F23 vs. M23	M2-3	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT5G55000
26550	4	F23 vs. M23	M2-3	GO:0072657	Regulation	Protein modification	protein localization to membrane	P	AT5G25100
26551	4	F23 vs. M23	M2-3	GO:0045116	Regulation	Protein modification	protein neddylation	P	AT5G20570
26552	4	F23 vs. M23	M2-3	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT5G02410
26553	4	F23 vs. M23	M2-3	GO:0018258	Regulation	Protein modification	protein O-linked glycosylation via hydroxyproline	P	AT1G27120
26554	4	F23 vs. M23	M2-3	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT2G47320
26555	4	F23 vs. M23	M2-3	GO:0070212	Regulation	Protein modification	protein poly-ADP-ribosylation	P	AT4G02390
26556	4	F23 vs. M23	M2-3	GO:0070212	Regulation	Protein modification	protein poly-ADP-ribosylation	P	AT4G12720
26557	4	F23 vs. M23	M2-3	GO:0043621	Regulation	Protein modification	protein self-association	F	AT4G17460
26558	4	F23 vs. M23	M2-3	GO:0044877	Regulation	Protein modification	protein-containing complex binding	F	AT5G40770
26559	4	F23 vs. M23	M2-3	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G20740

26560	4	F23 vs. M23	M2-3	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT5G51230
26561	4	F23 vs. M23	M2-3	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT4G18390
26562	4	F23 vs. M23	M2-3	GO:1903338	Regulation	Regulation	regulation of cell wall organization or biogenesis	P	AT4G09960
26563	4	F23 vs. M23	M2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G26710
26564	4	F23 vs. M23	M2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G39840
26565	4	F23 vs. M23	M2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G42830
26566	4	F23 vs. M23	M2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G24010
26567	4	F23 vs. M23	M2-3	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G58780
26568	4	F23 vs. M23	M2-3	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G04020
26569	4	F23 vs. M23	M2-3	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G20930
26570	4	F23 vs. M23	M2-3	GO:0080113	Regulation	Regulation	regulation of seed growth	P	AT5G17800
26571	4	F23 vs. M23	M2-3	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT5G20740
26572	4	F23 vs. M23	M2-3	GO:2000037	Regulation	Regulation	regulation of stomatal complex patterning	P	AT2G38620
26573	4	F23 vs. M23	M2-3	GO:0051510	Regulation	Regulation	regulation of unidimensional cell growth	P	AT5G56600
26574	4	F23 vs. M23	M2-3	GO:0043138	Regulation	Transcription	3'-5' DNA helicase activity	F	AT3G25100
26575	4	F23 vs. M23	M2-3	GO:0006370	Regulation	Transcription	7-methylguanosine mRNA capping	P	AT2G13540
26576	4	F23 vs. M23	M2-3	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT2G45850
26577	4	F23 vs. M23	M2-3	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT4G12080
26578	4	F23 vs. M23	M2-3	GO:0031490	Regulation	Transcription	chromatin DNA binding	F	AT5G51230
26579	4	F23 vs. M23	M2-3	GO:0030702	Regulation	Transcription	chromatin silencing at centromere	P	AT3G44530
26580	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G24260
26581	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G34190
26582	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G75710
26583	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G04890
26584	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42830
26585	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G10500
26586	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G13445
26587	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G58780
26588	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G09960
26589	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G17460
26590	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G18390
26591	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G17800
26592	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G42630
26593	4	F23 vs. M23	M2-3	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G51230
26594	4	F23 vs. M23	M2-3	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT3G13445
26595	4	F23 vs. M23	M2-3	GO:0032044	Regulation	Transcription	DSIF complex	C	AT5G63670
26596	4	F23 vs. M23	M2-3	GO:0004386	Regulation	Transcription	helicase activity	F	AT5G61000
26597	4	F23 vs. M23	M2-3	GO:0016573	Regulation	Transcription	histone acetylation	P	AT1G26470
26598	4	F23 vs. M23	M2-3	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G64610
26599	4	F23 vs. M23	M2-3	GO:0043995	Regulation	Transcription	histone acetyltransferase activity (H4-K5 specific)	F	AT5G64610
26600	4	F23 vs. M23	M2-3	GO:0000123	Regulation	Transcription	histone acetyltransferase complex	C	AT5G64610
26601	4	F23 vs. M23	M2-3	GO:0042393	Regulation	Transcription	histone binding	F	AT2G27970
26602	4	F23 vs. M23	M2-3	GO:0042393	Regulation	Transcription	histone binding	F	AT5G64610
26603	4	F23 vs. M23	M2-3	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT1G14510
26604	4	F23 vs. M23	M2-3	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT3G24010
26605	4	F23 vs. M23	M2-3	GO:0006378	Regulation	Transcription	mRNA polyadenylation	P	AT5G51660
26606	4	F23 vs. M23	M2-3	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G11290
26607	4	F23 vs. M23	M2-3	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G19120
26608	4	F23 vs. M23	M2-3	GO:0045814	Regulation	Transcription	negative regulation of gene expression, epigenetic	P	AT3G44530
26609	4	F23 vs. M23	M2-3	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G64610
26610	4	F23 vs. M23	M2-3	GO:0035267	Regulation	Transcription	NuA4 histone acetyltransferase complex	C	AT1G26470
26611	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G07370
26612	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G08130
26613	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G18130
26614	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G44530
26615	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G02390

26616	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G10970
26617	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G12080
26618	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G15770
26619	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G30220
26620	4	F23 vs. M23	M2-3	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G40770
26621	4	F23 vs. M23	M2-3	GO:0000932	Regulation	Transcription	P-body	C	AT1G19120
26622	4	F23 vs. M23	M2-3	GO:0032786	Regulation	Transcription	positive regulation of DNA-templated transcription, elongation	P	AT5G63670
26623	4	F23 vs. M23	M2-3	GO:1903508	Regulation	Transcription	positive regulation of nucleic acid-templated transcription	P	AT4G18390
26624	4	F23 vs. M23	M2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G24260
26625	4	F23 vs. M23	M2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT2G42830
26626	4	F23 vs. M23	M2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G58780
26627	4	F23 vs. M23	M2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT4G09960
26628	4	F23 vs. M23	M2-3	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G64610
26629	4	F23 vs. M23	M2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G34190
26630	4	F23 vs. M23	M2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G10500
26631	4	F23 vs. M23	M2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G08050
26632	4	F23 vs. M23	M2-3	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G17800
26633	4	F23 vs. M23	M2-3	GO:0031935	Regulation	Transcription	regulation of chromatin silencing	P	AT3G44530
26634	4	F23 vs. M23	M2-3	GO:0031938	Regulation	Transcription	regulation of chromatin silencing at telomere	P	AT3G25100
26635	4	F23 vs. M23	M2-3	GO:0006349	Regulation	Transcription	regulation of gene expression by genetic imprinting	P	AT5G51230
26636	4	F23 vs. M23	M2-3	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT1G26470
26637	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G14510
26638	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G71260
26639	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G75710
26640	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G04890
26641	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31840
26642	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G47900
26643	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G02550
26644	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21175
26645	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G09960
26646	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G17460
26647	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G18390
26648	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G17800
26649	4	F23 vs. M23	M2-3	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G42630
26650	4	F23 vs. M23	M2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G19120
26651	4	F23 vs. M23	M2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G03870
26652	4	F23 vs. M23	M2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G15770
26653	4	F23 vs. M23	M2-3	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G51660
26654	4	F23 vs. M23	M2-3	GO:0009451	Regulation	Transcription	RNA modification	P	AT1G11290
26655	4	F23 vs. M23	M2-3	GO:0009451	Regulation	Transcription	RNA modification	P	AT1G20230
26656	4	F23 vs. M23	M2-3	GO:0009451	Regulation	Transcription	RNA modification	P	AT2G40720
26657	4	F23 vs. M23	M2-3	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT2G15400
26658	4	F23 vs. M23	M2-3	GO:0000993	Regulation	Transcription	RNA polymerase II complex binding	F	AT5G63670
26659	4	F23 vs. M23	M2-3	GO:0000979	Regulation	Transcription	RNA polymerase II core promoter sequence-specific DNA binding	F	AT3G13445
26660	4	F23 vs. M23	M2-3	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G20930
26661	4	F23 vs. M23	M2-3	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT2G38620

26662	4	F23 vs. M23	M2-3	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT3G13445
26663	4	F23 vs. M23	M2-3	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT5G17800
26664	4	F23 vs. M23	M2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G24260
26665	4	F23 vs. M23	M2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT2G42830
26666	4	F23 vs. M23	M2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G58780
26667	4	F23 vs. M23	M2-3	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT4G09960
26668	4	F23 vs. M23	M2-3	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT2G15400
26669	4	F23 vs. M23	M2-3	GO:0000418	Regulation	Transcription	RNA polymerase IV complex	C	AT2G15400
26670	4	F23 vs. M23	M2-3	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT2G15400
26671	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G24260
26672	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G04890
26673	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G42830
26674	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G10500
26675	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G58780
26676	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G09960
26677	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G12080
26678	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G18390
26679	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G17800
26680	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G54930
26681	4	F23 vs. M23	M2-3	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G61000
26682	4	F23 vs. M23	M2-3	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT3G13445
26683	4	F23 vs. M23	M2-3	GO:0003714	Regulation	Transcription	transcription corepressor activity	F	AT3G44530
26684	4	F23 vs. M23	M2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G24260
26685	4	F23 vs. M23	M2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT2G42830
26686	4	F23 vs. M23	M2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G13445
26687	4	F23 vs. M23	M2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G58780
26688	4	F23 vs. M23	M2-3	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT4G09960
26689	4	F23 vs. M23	M2-3	GO:0005667	Regulation	Transcription	transcription factor complex	C	AT3G13445
26690	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G14510
26691	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G24260
26692	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G34190
26693	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G75710
26694	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G42830
26695	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G47900
26696	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G10500
26697	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21175
26698	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G58780
26699	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G09960
26700	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G17460
26701	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G17800
26702	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G42630
26703	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G51230
26704	4	F23 vs. M23	M2-3	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G54930
26705	4	F23 vs. M23	M2-3	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT3G44530
26706	4	F23 vs. M23	M2-3	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G04170
26707	4	F23 vs. M23	M2-3	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G03870
26708	4	F23 vs. M23	M2-3	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G13580
26709	4	F23 vs. M23	M2-3	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G16780
26710	4	F23 vs. M23	M2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G48830
26711	4	F23 vs. M23	M2-3	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G13580

26712	4	F23 vs. M23	M2-3	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G48830
26713	4	F23 vs. M23	M2-3	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G18130
26714	4	F23 vs. M23	M2-3	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G39850
26715	4	F23 vs. M23	M2-3	GO:0000290	Regulation	Translation	deadenylation-dependent decapping of nuclear-transcribed mRNA	P	AT1G19120
26716	4	F23 vs. M23	M2-3	GO:0005850	Regulation	Translation	eukaryotic translation initiation factor 2 complex	C	AT1G04170
26717	4	F23 vs. M23	M2-3	GO:0001731	Regulation	Translation	formation of translation preinitiation complex	P	AT1G04170
26718	4	F23 vs. M23	M2-3	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT1G19120
26719	4	F23 vs. M23	M2-3	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT2G03870
26720	4	F23 vs. M23	M2-3	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G13580
26721	4	F23 vs. M23	M2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G48830
26722	4	F23 vs. M23	M2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G71260
26723	4	F23 vs. M23	M2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G13540
26724	4	F23 vs. M23	M2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G13580
26725	4	F23 vs. M23	M2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G14010
26726	4	F23 vs. M23	M2-3	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G16780
26727	4	F23 vs. M23	M2-3	GO:0005845	Regulation	Translation	mRNA cap binding complex	C	AT2G13540
26728	4	F23 vs. M23	M2-3	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT2G13540
26729	4	F23 vs. M23	M2-3	GO:0006406	Regulation	Translation	mRNA export from nucleus	P	AT4G10970
26730	4	F23 vs. M23	M2-3	GO:0016556	Regulation	Translation	mRNA modification	P	AT1G11290
26731	4	F23 vs. M23	M2-3	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT2G03870
26732	4	F23 vs. M23	M2-3	GO:0051028	Regulation	Translation	mRNA transport	P	AT2G13540
26733	4	F23 vs. M23	M2-3	GO:0000956	Regulation	Translation	nuclear-transcribed mRNA catabolic process	P	AT2G03870
26734	4	F23 vs. M23	M2-3	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT2G13540
26735	4	F23 vs. M23	M2-3	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT1G04170
26736	4	F23 vs. M23	M2-3	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT5G39850
26737	4	F23 vs. M23	M2-3	GO:0030687	Regulation	Translation	preribosome, large subunit precursor	C	AT4G15770
26738	4	F23 vs. M23	M2-3	GO:0031053	Regulation	Translation	primary miRNA processing	P	AT2G13540
26739	4	F23 vs. M23	M2-3	GO:0030875	Regulation	Translation	rDNA protrusion	C	AT3G44530
26740	4	F23 vs. M23	M2-3	GO:0010603	Regulation	Translation	regulation of cytoplasmic mRNA processing body assembly	P	AT3G14010
26741	4	F23 vs. M23	M2-3	GO:0072344	Regulation	Translation	rescue of stalled ribosome	P	AT3G18130
26742	4	F23 vs. M23	M2-3	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT4G15770
26743	4	F23 vs. M23	M2-3	GO:0042274	Regulation	Translation	ribosomal small subunit biogenesis	P	AT1G48830
26744	4	F23 vs. M23	M2-3	GO:0042255	Regulation	translation	ribosome assembly	P	AT4G15770
26745	4	F23 vs. M23	M2-3	GO:0043022	Regulation	Translation	ribosome binding	F	AT3G18130
26746	4	F23 vs. M23	M2-3	GO:0000339	Regulation	Translation	RNA cap binding	F	AT1G19120
26747	4	F23 vs. M23	M2-3	GO:0000339	Regulation	Translation	RNA cap binding	F	AT2G13540
26748	4	F23 vs. M23	M2-3	GO:0000394	Regulation	Translation	RNA splicing, via endonucleolytic cleavage and ligation	P	AT2G13540
26749	4	F23 vs. M23	M2-3	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G39850
26750	4	F23 vs. M23	M2-3	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G48830
26751	4	F23 vs. M23	M2-3	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT4G10970
26752	4	F23 vs. M23	M2-3	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT5G63670
26753	4	F23 vs. M23	M2-3	GO:0005732	Regulation	Translation	small nucleolar ribonucleoprotein complex	C	AT4G30220
26754	4	F23 vs. M23	M2-3	GO:0032040	Regulation	Translation	small-subunit processome	C	AT1G48830
26755	4	F23 vs. M23	M2-3	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT4G30220
26756	4	F23 vs. M23	M2-3	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G13580
26757	4	F23 vs. M23	M2-3	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G16780
26758	4	F23 vs. M23	M2-3	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G39850
26759	4	F23 vs. M23	M2-3	GO:0006412	Regulation	Translation	translation	P	AT1G48830
26760	4	F23 vs. M23	M2-3	GO:0006412	Regulation	Translation	translation	P	AT3G16780
26761	4	F23 vs. M23	M2-3	GO:0006412	Regulation	Translation	translation	P	AT5G39850
26762	4	F23 vs. M23	M2-3	GO:0000049	Regulation	Translation	tRNA binding	F	AT1G04170

26763	4	F23 vs. M23	M2-3	GO:0000049	Regulation	Translation	tRNA binding	F	AT4G35910
26764	4	F23 vs. M23	M2-3	GO:0034227	Regulation	Translation	tRNA thio-modification	P	AT4G35910
26765	4	F23 vs. M23	M2-3	GO:0002143	Regulation	Translation	tRNA wobble position uridine thiolation	P	AT4G35910
26766	4	F23 vs. M23	M2-3	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G03870
26767	4	F23 vs. M23	M2-3	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G03870
26768	4	F23 vs. M23	M2-3	GO:0005688	Regulation	Translation	U6 snRNP	C	AT2G03870
26769	4	F23 vs. M23	M2-3	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT5G56580
26770	4	F23 vs. M23	M2-3	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G26610
26771	4	F23 vs. M23	M2-3	GO:0010540	Signaling and response	Signaling	basipetal auxin transport	P	AT4G26610
26772	4	F23 vs. M23	M2-3	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT3G02580
26773	4	F23 vs. M23	M2-3	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT3G50660
26774	4	F23 vs. M23	M2-3	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G33430
26775	4	F23 vs. M23	M2-3	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT5G17800
26776	4	F23 vs. M23	M2-3	GO:0016131	Signaling and response	Signaling	brassinosteroid metabolic process	P	AT2G26710
26777	4	F23 vs. M23	M2-3	GO:0000248	Signaling and response	Signaling	C-5 sterol desaturase activity	F	AT3G02580
26778	4	F23 vs. M23	M2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G25970
26779	4	F23 vs. M23	M2-3	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G65020
26780	4	F23 vs. M23	M2-3	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G27770
26781	4	F23 vs. M23	M2-3	GO:0007154	Signaling and response	Signaling	cell communication	P	AT3G08710
26782	4	F23 vs. M23	M2-3	GO:0071367	Signaling and response	Signaling	cellular response to brassinosteroid stimulus	P	AT5G17800
26783	4	F23 vs. M23	M2-3	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT1G08860
26784	4	F23 vs. M23	M2-3	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G61070
26785	4	F23 vs. M23	M2-3	GO:0008180	Signaling and response	Signaling	COP9 signalosome	C	AT4G14110
26786	4	F23 vs. M23	M2-3	GO:0010387	Signaling and response	Signaling	COP9 signalosome assembly	P	AT4G14110
26787	4	F23 vs. M23	M2-3	GO:0009755	Signaling and response	Signaling	hormone-mediated signaling pathway	P	AT1G20930
26788	4	F23 vs. M23	M2-3	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G50660
26789	4	F23 vs. M23	M2-3	GO:0009694	Signaling and response	Signaling	jasmonic acid metabolic process	P	AT4G09900
26790	4	F23 vs. M23	M2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G60060
26791	4	F23 vs. M23	M2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G40980
26792	4	F23 vs. M23	M2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G15095
26793	4	F23 vs. M23	M2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G26610
26794	4	F23 vs. M23	M2-3	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G33430
26795	4	F23 vs. M23	M2-3	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT2G13540
26796	4	F23 vs. M23	M2-3	GO:0004708	Signaling and response	Signaling	MAP kinase kinase activity	F	AT5G56580
26797	4	F23 vs. M23	M2-3	GO:0005078	Signaling and response	Signaling	MAP-kinase scaffold activity	F	AT3G18130
26798	4	F23 vs. M23	M2-3	GO:0080030	Signaling and response	Signaling	methyl indole-3-acetate esterase activity	F	AT4G09900
26799	4	F23 vs. M23	M2-3	GO:0080032	Signaling and response	Signaling	methyl jasmonate esterase activity	F	AT4G09900
26800	4	F23 vs. M23	M2-3	GO:0080031	Signaling and response	Signaling	methyl salicylate esterase activity	F	AT4G09900
26801	4	F23 vs. M23	M2-3	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT1G34190
26802	4	F23 vs. M23	M2-3	GO:0051019	Signaling and response	Signaling	mitogen-activated protein kinase binding	F	AT5G56580
26803	4	F23 vs. M23	M2-3	GO:0031435	Signaling and response	Signaling	mitogen-activated protein kinase kinase kinase binding	F	AT5G56580
26804	4	F23 vs. M23	M2-3	GO:0048579	Signaling and response	Signaling	negative regulation of long-day photoperiodism, flowering	P	AT5G17800
26805	4	F23 vs. M23	M2-3	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT4G14110
26806	4	F23 vs. M23	M2-3	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT4G02440
26807	4	F23 vs. M23	M2-3	GO:0009638	Signaling and response	Signaling	phototropism	P	AT4G26610
26808	4	F23 vs. M23	M2-3	GO:2000306	Signaling and response	Signaling	positive regulation of photomorphogenesis	P	AT4G18390
26809	4	F23 vs. M23	M2-3	GO:0001934	Signaling and response	Signaling	positive regulation of protein phosphorylation	P	AT3G18130
26810	4	F23 vs. M23	M2-3	GO:0009967	Signaling and response	Signaling	positive regulation of signal transduction	P	AT3G18130
26811	4	F23 vs. M23	M2-3	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G20930
26812	4	F23 vs. M23	M2-3	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G39840
26813	4	F23 vs. M23	M2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G26610
26814	4	F23 vs. M23	M2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G33430
26815	4	F23 vs. M23	M2-3	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G43080
26816	4	F23 vs. M23	M2-3	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G27970

26817	4	F23 vs. M23	M2-3	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT5G43080
26818	4	F23 vs. M23	M2-3	GO:0005080	Signaling and response	Signaling	protein kinase C binding	F	AT3G18130
26819	4	F23 vs. M23	M2-3	GO:0019887	Signaling and response	Signaling	protein kinase regulator activity	F	AT3G48530
26820	4	F23 vs. M23	M2-3	GO:0000164	Signaling and response	Signaling	protein phosphatase type 1 complex	C	AT2G39840
26821	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G20650
26822	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G20930
26823	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G38620
26824	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G39840
26825	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G45590
26826	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G62220
26827	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G26610
26828	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G33430
26829	4	F23 vs. M23	M2-3	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G11020
26830	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G20930
26831	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G38620
26832	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G45590
26833	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G26610
26834	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G33430
26835	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G40820
26836	4	F23 vs. M23	M2-3	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G56580
26837	4	F23 vs. M23	M2-3	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G39840
26838	4	F23 vs. M23	M2-3	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT4G33430
26839	4	F23 vs. M23	M2-3	GO:0010161	Signaling and response	Signaling	red light signaling pathway	P	AT2G39840
26840	4	F23 vs. M23	M2-3	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G02440
26841	4	F23 vs. M23	M2-3	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G14110
26842	4	F23 vs. M23	M2-3	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT5G43080
26843	4	F23 vs. M23	M2-3	GO:0010099	Signaling and response	Signaling	regulation of photomorphogenesis	P	AT4G02440
26844	4	F23 vs. M23	M2-3	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT5G64610
26845	4	F23 vs. M23	M2-3	GO:0010044	Signaling and response	Signaling	response to aluminum ion	P	AT5G40820
26846	4	F23 vs. M23	M2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G20570
26847	4	F23 vs. M23	M2-3	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G40770
26848	4	F23 vs. M23	M2-3	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT4G18390
26849	4	F23 vs. M23	M2-3	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT2G26710
26850	4	F23 vs. M23	M2-3	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT3G50660
26851	4	F23 vs. M23	M2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G45145
26852	4	F23 vs. M23	M2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12670
26853	4	F23 vs. M23	M2-3	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G16970
26854	4	F23 vs. M23	M2-3	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT1G52340
26855	4	F23 vs. M23	M2-3	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G56090
26856	4	F23 vs. M23	M2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G50660
26857	4	F23 vs. M23	M2-3	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G14110
26858	4	F23 vs. M23	M2-3	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G08050
26859	4	F23 vs. M23	M2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G26710
26860	4	F23 vs. M23	M2-3	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G14110
26861	4	F23 vs. M23	M2-3	GO:0010225	Signaling and response	Signaling	response to UV-C	P	AT3G07800
26862	4	F23 vs. M23	M2-3	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT5G40770
26863	4	F23 vs. M23	M2-3	GO:0009696	Signaling and response	Signaling	salicylic acid metabolic process	P	AT4G09900
26864	4	F23 vs. M23	M2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G18130
26865	4	F23 vs. M23	M2-3	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G23400
26866	4	F23 vs. M23	M2-3	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT5G56580
26867	4	F23 vs. M23	M2-3	GO:0005102	Signaling and response	Signaling	signaling receptor binding	F	AT4G33430
26868	4	F23 vs. M23	M2-3	GO:0010012	Signaling and response	Signaling	steroid 22-alpha hydroxylase activity	F	AT3G50660
26869	4	F23 vs. M23	M2-3	GO:0008395	Signaling and response	Signaling	steroid hydroxylase activity	F	AT2G26710
26870	4	F23 vs. M23	M2-3	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT3G02580
26871	4	F23 vs. M23	M2-3	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT3G52940

26872	4	F23 vs. M23	M2-3	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT3G50660
26873	4	F23 vs. M23	M2-3	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT1G52340
26874	4	F23 vs. M23	M2-3	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT4G33430
26875	4	F23 vs. M23	M2-3	GO:0009688	Signaling and response	Stress	abscisic acid biosynthetic process	P	AT1G52340
26876	4	F23 vs. M23	M2-3	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G43350
26877	4	F23 vs. M23	M2-3	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT2G26710
26878	4	F23 vs. M23	M2-3	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT3G50660
26879	4	F23 vs. M23	M2-3	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT1G27770
26880	4	F23 vs. M23	M2-3	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT1G08860
26881	4	F23 vs. M23	M2-3	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT5G65020
26882	4	F23 vs. M23	M2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G45145
26883	4	F23 vs. M23	M2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G03860
26884	4	F23 vs. M23	M2-3	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G08710
26885	4	F23 vs. M23	M2-3	GO:0019725	Signaling and response	Stress	cellular homeostasis	P	AT1G08860
26886	4	F23 vs. M23	M2-3	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT3G18130
26887	4	F23 vs. M23	M2-3	GO:0070301	Signaling and response	Stress	cellular response to hydrogen peroxide	P	AT1G34190
26888	4	F23 vs. M23	M2-3	GO:0071470	Signaling and response	Stress	cellular response to osmotic stress	P	AT2G47900
26889	4	F23 vs. M23	M2-3	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT3G49810
26890	4	F23 vs. M23	M2-3	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT2G43350
26891	4	F23 vs. M23	M2-3	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G19120
26892	4	F23 vs. M23	M2-3	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT3G14010
26893	4	F23 vs. M23	M2-3	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT5G61000
26894	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G08860
26895	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G18250
26896	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G20650
26897	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G52030
26898	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT1G71260
26899	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT4G33430
26900	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT5G02140
26901	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT5G40820
26902	4	F23 vs. M23	M2-3	GO:0006952	Signaling and response	Stress	defense response	P	AT5G56590
26903	4	F23 vs. M23	M2-3	GO:0009870	Signaling and response	Stress	defense response signaling pathway, resistance gene-dependent	P	AT4G12720
26904	4	F23 vs. M23	M2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G12720
26905	4	F23 vs. M23	M2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G33430
26906	4	F23 vs. M23	M2-3	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G40770
26907	4	F23 vs. M23	M2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G12200
26908	4	F23 vs. M23	M2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G45145
26909	4	F23 vs. M23	M2-3	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G33430
26910	4	F23 vs. M23	M2-3	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT4G33430
26911	4	F23 vs. M23	M2-3	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G56580
26912	4	F23 vs. M23	M2-3	GO:0009819	Signaling and response	Stress	drought recovery	P	AT3G10500
26913	4	F23 vs. M23	M2-3	GO:0042973	Signaling and response	Stress	glucan endo-1,3-beta-D-glucosidase activity	F	AT5G56590
26914	4	F23 vs. M23	M2-3	GO:0004602	Signaling and response	Stress	glutathione peroxidase activity	F	AT2G43350
26915	4	F23 vs. M23	M2-3	GO:0051879	Signaling and response	Stress	Hsp90 protein binding	F	AT4G30480
26916	4	F23 vs. M23	M2-3	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G05260
26917	4	F23 vs. M23	M2-3	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G05260
26918	4	F23 vs. M23	M2-3	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G19120
26919	4	F23 vs. M23	M2-3	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G56090
26920	4	F23 vs. M23	M2-3	GO:0060548	Signaling and response	Stress	negative regulation of cell death	P	AT1G08860
26921	4	F23 vs. M23	M2-3	GO:1901001	Signaling and response	Stress	negative regulation of response to salt stress	P	AT3G49810
26922	4	F23 vs. M23	M2-3	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT5G08050
26923	4	F23 vs. M23	M2-3	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G12720
26924	4	F23 vs. M23	M2-3	GO:0010186	Signaling and response	Stress	positive regulation of cellular defense response	P	AT1G08860
26925	4	F23 vs. M23	M2-3	GO:0010115	Signaling and response	Stress	regulation of abscisic acid biosynthetic process	P	AT1G52340

26926	4	F23 vs. M23	M2-3	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT5G40820
26927	4	F23 vs. M23	M2-3	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT3G10500
26928	4	F23 vs. M23	M2-3	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G13540
26929	4	F23 vs. M23	M2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G05260
26930	4	F23 vs. M23	M2-3	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G65020
26931	4	F23 vs. M23	M2-3	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G70710
26932	4	F23 vs. M23	M2-3	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G05260
26933	4	F23 vs. M23	M2-3	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G40770
26934	4	F23 vs. M23	M2-3	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G47900
26935	4	F23 vs. M23	M2-3	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT5G40820
26936	4	F23 vs. M23	M2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G52340
26937	4	F23 vs. M23	M2-3	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G65020
26938	4	F23 vs. M23	M2-3	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT2G43350
26939	4	F23 vs. M23	M2-3	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT2G47900
26940	4	F23 vs. M23	M2-3	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G35140
26941	4	F23 vs. M23	M2-3	GO:0010188	Signaling and response	Stress	response to microbial phytotoxin	P	AT1G45145
26942	4	F23 vs. M23	M2-3	GO:0071731	Signaling and response	Stress	response to nitric oxide	P	AT5G40770
26943	4	F23 vs. M23	M2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G05260
26944	4	F23 vs. M23	M2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G45145
26945	4	F23 vs. M23	M2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G50170
26946	4	F23 vs. M23	M2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G12720
26947	4	F23 vs. M23	M2-3	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G16970
26948	4	F23 vs. M23	M2-3	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G12720
26949	4	F23 vs. M23	M2-3	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G56090
26950	4	F23 vs. M23	M2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G51460
26951	4	F23 vs. M23	M2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G47900
26952	4	F23 vs. M23	M2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G12720
26953	4	F23 vs. M23	M2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G02410
26954	4	F23 vs. M23	M2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G40770
26955	4	F23 vs. M23	M2-3	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G65020
26956	4	F23 vs. M23	M2-3	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G64610
26957	4	F23 vs. M23	M2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G19120
26958	4	F23 vs. M23	M2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G52340
26959	4	F23 vs. M23	M2-3	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65020
26960	4	F23 vs. M23	M2-3	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G52030
26961	4	F23 vs. M23	M2-3	GO:0005089	Signaling and response	Stress	Rho guanyl-nucleotide exchange factor activity	F	AT3G55660
26962	4	F23 vs. M23	M2-3	GO:0051903	Signaling and response	Stress	S-(hydroxymethyl)glutathione dehydrogenase activity	F	AT5G42250
26963	4	F23 vs. M23	M2-3	GO:0090332	Signaling and response	Stress	stomatal closure	P	AT1G08860
26964	4	F23 vs. M23	M2-3	GO:0034063	Signaling and response	Stress	stress granule assembly	P	AT3G14010
26965	4	F23 vs. M23	M2-3	GO:0043247	Signaling and response	Stress	telomere maintenance in response to DNA damage	P	AT5G40820
26966	4	F23 vs. M23	M2-3	GO:0004843	Signaling and response	Stress	thiol-dependent ubiquitin-specific protease activity	F	AT4G39910
26967	4	F23 vs. M23	M2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G20650
26968	4	F23 vs. M23	M2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G62220
26969	4	F23 vs. M23	M2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT4G33430
26970	4	F23 vs. M23	M2-3	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G11020
26971	5	L23 vs. S23	L2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G64610
26972	5	L23 vs. S23	L2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G12620
26973	5	L23 vs. S23	L2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G12620
26974	5	L23 vs. S23	L2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G12620

26975	5	L23 vs. S23	L2-3 up	GO:0010385	Development	Cell division	double-stranded methylated DNA binding	F	AT4G12620
26976	5	L23 vs. S23	L2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT1G23190
26977	5	L23 vs. S23	L2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G12620
26978	5	L23 vs. S23	L2-3 up	GO:0033314	Development	Cell division	mitotic DNA replication checkpoint	P	AT4G12620
26979	5	L23 vs. S23	L2-3 up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT4G12620
26980	5	L23 vs. S23	L2-3 up	GO:0000808	Development	Cell division	origin recognition complex	C	AT4G12620
26981	5	L23 vs. S23	L2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G33100
26982	5	L23 vs. S23	L2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G67250
26983	5	L23 vs. S23	L2-3 up	GO:0009943	Development	Development	adaxial/abaxial axis specification	P	AT1G79440
26984	5	L23 vs. S23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G23740
26985	5	L23 vs. S23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G78370
26986	5	L23 vs. S23	L2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G54050
26987	5	L23 vs. S23	L2-3 up	GO:0005901	Development	Development	caveola	C	AT5G64870
26988	5	L23 vs. S23	L2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT3G25140
26989	5	L23 vs. S23	L2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G23920
26990	5	L23 vs. S23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G33100
26991	5	L23 vs. S23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G23920
26992	5	L23 vs. S23	L2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G16510
26993	5	L23 vs. S23	L2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT1G79440
26994	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12230
26995	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23190
26996	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G30090
26997	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G49670
26998	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G66680
26999	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78370
27000	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22910
27001	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G33410
27002	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35840
27003	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G13580
27004	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14130
27005	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54050
27006	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G66658
27007	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25660
27008	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20700
27009	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58430
27010	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64870
27011	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67250
27012	5	L23 vs. S23	L2-3 up	GO:0005737	Development	Development	cytoplasm	C	ATCG00670
27013	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G23190
27014	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G66680
27015	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78370
27016	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79440
27017	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G26740
27018	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35840
27019	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12050
27020	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13580
27021	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51000
27022	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54050
27023	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23920
27024	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27440
27025	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G36810
27026	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G16510
27027	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58410
27028	5	L23 vs. S23	L2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58430
27029	5	L23 vs. S23	L2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G12620

27030	5	L23 vs. S23	L2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G36810
27031	5	L23 vs. S23	L2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G58430
27032	5	L23 vs. S23	L2-3 up	GO:0009513	Development	Development	etioplast	C	AT4G36810
27033	5	L23 vs. S23	L2-3 up	GO:0034426	Development	Development	etioplast membrane	C	AT2G28900
27034	5	L23 vs. S23	L2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G58430
27035	5	L23 vs. S23	L2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT5G58430
27036	5	L23 vs. S23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12230
27037	5	L23 vs. S23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G25940
27038	5	L23 vs. S23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G66658
27039	5	L23 vs. S23	L2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G20940
27040	5	L23 vs. S23	L2-3 up	GO:0000137	Development	Development	Golgi cis cisterna	C	AT2G47320
27041	5	L23 vs. S23	L2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G25140
27042	5	L23 vs. S23	L2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G60800
27043	5	L23 vs. S23	L2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT4G04860
27044	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G10750
27045	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G58030
27046	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01720
27047	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24220
27048	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33100
27049	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33260
27050	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G16180
27051	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G17420
27052	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22840
27053	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25140
27054	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50660
27055	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G60800
27056	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24040
27057	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G03140
27058	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46800
27059	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46850
27060	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G51350
27061	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53130
27062	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00140
27063	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00270
27064	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00560
27065	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00680
27066	5	L23 vs. S23	L2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01050
27067	5	L23 vs. S23	L2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G16480
27068	5	L23 vs. S23	L2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G64500
27069	5	L23 vs. S23	L2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G18570
27070	5	L23 vs. S23	L2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT5G45130
27071	5	L23 vs. S23	L2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT5G64500
27072	5	L23 vs. S23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT1G79440
27073	5	L23 vs. S23	L2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G50660
27074	5	L23 vs. S23	L2-3 up	GO:0010358	Development	Development	leaf shaping	P	AT3G50660
27075	5	L23 vs. S23	L2-3 up	GO:0005765	Development	Development	lysosomal membrane	C	AT5G64500
27076	5	L23 vs. S23	L2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT1G79440
27077	5	L23 vs. S23	L2-3 up	GO:0016020	Development	Development	membrane	C	AT2G24220
27078	5	L23 vs. S23	L2-3 up	GO:0005874	Development	Development	microtubule	C	AT1G17480
27079	5	L23 vs. S23	L2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G50660
27080	5	L23 vs. S23	L2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT5G64610
27081	5	L23 vs. S23	L2-3 up	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT4G12620
27082	5	L23 vs. S23	L2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT1G17480
27083	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15430
27084	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17480

27085	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23190
27086	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23740
27087	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26610
27088	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49670
27089	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G66680
27090	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78370
27091	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G24220
27092	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G24550
27093	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26740
27094	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G33410
27095	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35840
27096	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47320
27097	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12050
27098	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21175
27099	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21270
27100	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48510
27101	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51000
27102	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G11570
27103	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12620
27104	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G22360
27105	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35500
27106	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20700
27107	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G46850
27108	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53130
27109	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G56880
27110	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64610
27111	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65140
27112	5	L23 vs. S23	L2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67250
27113	5	L23 vs. S23	L2-3 up	GO:0045335	Development	Development	phagocytic vesicle	C	AT5G58430
27114	5	L23 vs. S23	L2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G01720
27115	5	L23 vs. S23	L2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G16510
27116	5	L23 vs. S23	L2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT2G33100
27117	5	L23 vs. S23	L2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G58030
27118	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11600
27119	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G23190
27120	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01490
27121	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01720
27122	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33100
27123	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16180
27124	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17420
27125	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G16480
27126	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24040
27127	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34030
27128	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G03140
27129	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10730
27130	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45370
27131	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47960
27132	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G51350
27133	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53130
27134	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58430
27135	5	L23 vs. S23	L2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64870
27136	5	L23 vs. S23	L2-3 up	GO:0010319	Development	Development	stromule	C	AT1G23740
27137	5	L23 vs. S23	L2-3 up	GO:0010319	Development	Development	stromule	C	AT3G54050
27138	5	L23 vs. S23	L2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G50660
27139	5	L23 vs. S23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G58030
27140	5	L23 vs. S23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G01720

27141	5	L23 vs. S23	L2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G45130
27142	5	L23 vs. S23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G58030
27143	5	L23 vs. S23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G25940
27144	5	L23 vs. S23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G28900
27145	5	L23 vs. S23	L2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G64870
27146	5	L23 vs. S23	L2-3 up	GO:0035798	Metabolism	Bioenergetics	2-alkenal reductase (NADP+) activity	F	AT1G23740
27147	5	L23 vs. S23	L2-3 up	GO:0016207	Metabolism	Bioenergetics	4-coumarate-CoA ligase activity	F	AT5G63380
27148	5	L23 vs. S23	L2-3 up	GO:0004042	Metabolism	Bioenergetics	acetyl-CoA:L-glutamate N-acetyltransferase activity	F	AT2G22910
27149	5	L23 vs. S23	L2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG01050
27150	5	L23 vs. S23	L2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G66658
27151	5	L23 vs. S23	L2-3 up	GO:0004555	Metabolism	Bioenergetics	alpha,alpha-trehalase activity	F	AT4G24040
27152	5	L23 vs. S23	L2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATCG01050
27153	5	L23 vs. S23	L2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATCG00140
27154	5	L23 vs. S23	L2-3 up	GO:0001671	Metabolism	Bioenergetics	ATPase activator activity	F	AT3G12050
27155	5	L23 vs. S23	L2-3 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	ATCG00670
27156	5	L23 vs. S23	L2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G03140
27157	5	L23 vs. S23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G12230
27158	5	L23 vs. S23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G23190
27159	5	L23 vs. S23	L2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G20940
27160	5	L23 vs. S23	L2-3 up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATCG01050
27161	5	L23 vs. S23	L2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT2G01490
27162	5	L23 vs. S23	L2-3 up	GO:0004321	Metabolism	Bioenergetics	fatty-acyl-CoA synthase activity	F	AT5G63380
27163	5	L23 vs. S23	L2-3 up	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT3G54050
27164	5	L23 vs. S23	L2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G54050
27165	5	L23 vs. S23	L2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G23190
27166	5	L23 vs. S23	L2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G66658
27167	5	L23 vs. S23	L2-3 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT3G14130
27168	5	L23 vs. S23	L2-3 up	GO:0004485	Metabolism	Bioenergetics	methylcrotonoyl-CoA carboxylase activity	F	AT4G34030
27169	5	L23 vs. S23	L2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G46800
27170	5	L23 vs. S23	L2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G79440
27171	5	L23 vs. S23	L2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT4G34030
27172	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G10750
27173	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G49670
27174	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G66680
27175	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78370
27176	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79440
27177	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01720
27178	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07708
27179	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47320
27180	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02490
27181	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G25140
27182	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G34030
27183	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G46800
27184	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G63380
27185	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64500
27186	5	L23 vs. S23	L2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATCG00270
27187	5	L23 vs. S23	L2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G79440
27188	5	L23 vs. S23	L2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00420
27189	5	L23 vs. S23	L2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG01050
27190	5	L23 vs. S23	L2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT5G10730
27191	5	L23 vs. S23	L2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG01050
27192	5	L23 vs. S23	L2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G49670
27193	5	L23 vs. S23	L2-3 up	GO:0016651	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H	F	ATCG01050

27194	5	L23 vs. S23	L2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G50660
27195	5	L23 vs. S23	L2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT1G11600
27196	5	L23 vs. S23	L2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT1G12230
27197	5	L23 vs. S23	L2-3 up	GO:0048244	Metabolism	Bioenergetics	phytanoyl-CoA dioxygenase activity	F	AT2G01490
27198	5	L23 vs. S23	L2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATCG00140
27199	5	L23 vs. S23	L2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATCG00140
27200	5	L23 vs. S23	L2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G54050
27201	5	L23 vs. S23	L2-3 up	GO:0004777	Metabolism	Bioenergetics	succinate-semialdehyde dehydrogenase (NAD+) activity	F	AT1G79440
27202	5	L23 vs. S23	L2-3 up	GO:0009013	Metabolism	Bioenergetics	succinate-semialdehyde dehydrogenase [NAD(P)+] activity	F	AT1G79440
27203	5	L23 vs. S23	L2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT2G35840
27204	5	L23 vs. S23	L2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G54050
27205	5	L23 vs. S23	L2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT3G54050
27206	5	L23 vs. S23	L2-3 up	GO:0005992	Metabolism	Bioenergetics	trehalose biosynthetic process	P	AT5G65140
27207	5	L23 vs. S23	L2-3 up	GO:0005993	Metabolism	Bioenergetics	trehalose catabolic process	P	AT4G24040
27208	5	L23 vs. S23	L2-3 up	GO:0004805	Metabolism	Bioenergetics	trehalose-phosphatase activity	F	AT5G65140
27209	5	L23 vs. S23	L2-3 up	GO:0048039	Metabolism	Bioenergetics	ubiquinone binding	F	ATCG01050
27210	5	L23 vs. S23	L2-3 up	GO:1901006	Metabolism	Bioenergetics	ubiquinone-6 biosynthetic process	P	AT5G10730
27211	5	L23 vs. S23	L2-3 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14130
27212	5	L23 vs. S23	L2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT2G25940
27213	5	L23 vs. S23	L2-3 up	GO:0030139	Metabolism	Catabolism	endocytic vesicle	C	AT5G45130
27214	5	L23 vs. S23	L2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G23190
27215	5	L23 vs. S23	L2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT4G23920
27216	5	L23 vs. S23	L2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT4G23920
27217	5	L23 vs. S23	L2-3 up	GO:0009450	Metabolism	Catabolism	gamma-aminobutyric acid catabolic process	P	AT1G79440
27218	5	L23 vs. S23	L2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G60800
27219	5	L23 vs. S23	L2-3 up	GO:0006552	Metabolism	Catabolism	leucine catabolic process	P	AT4G34030
27220	5	L23 vs. S23	L2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT2G39220
27221	5	L23 vs. S23	L2-3 up	GO:1905202	Metabolism	Catabolism	methylcrotonoyl-CoA carboxylase complex	C	AT4G34030
27222	5	L23 vs. S23	L2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT4G17486
27223	5	L23 vs. S23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G49670
27224	5	L23 vs. S23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26740
27225	5	L23 vs. S23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G28900
27226	5	L23 vs. S23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G14130
27227	5	L23 vs. S23	L2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G63380
27228	5	L23 vs. S23	L2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT5G58410
27229	5	L23 vs. S23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G58410
27230	5	L23 vs. S23	L2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G67250
27231	5	L23 vs. S23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G17486
27232	5	L23 vs. S23	L2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	ATCG00670
27233	5	L23 vs. S23	L2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT2G25940
27234	5	L23 vs. S23	L2-3 up	GO:1900055	Metabolism	Catabolism	regulation of leaf senescence	P	AT3G60800
27235	5	L23 vs. S23	L2-3 up	GO:1990116	Metabolism	Catabolism	ribosome-associated ubiquitin-dependent protein catabolic process	P	AT5G58410
27236	5	L23 vs. S23	L2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G67250
27237	5	L23 vs. S23	L2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	ATCG00670

27238	5	L23 vs. S23	L2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G58410
27239	5	L23 vs. S23	L2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G67250
27240	5	L23 vs. S23	L2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G67250
27241	5	L23 vs. S23	L2-3 up	GO:1990381	Metabolism	Catabolism	ubiquitin-specific protease binding	F	AT4G04860
27242	5	L23 vs. S23	L2-3 up	GO:0006526	Metabolism	Metabolism	arginine biosynthetic process	P	AT2G22910
27243	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G17420
27244	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G12620
27245	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G34030
27246	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G35500
27247	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G03140
27248	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G51350
27249	5	L23 vs. S23	L2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G63380
27250	5	L23 vs. S23	L2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	ATCG00670
27251	5	L23 vs. S23	L2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G20940
27252	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G15430
27253	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G17480
27254	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G30090
27255	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G07708
27256	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G24550
27257	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G48060
27258	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G02490
27259	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G22360
27260	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G25660
27261	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G56880
27262	5	L23 vs. S23	L2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64870
27263	5	L23 vs. S23	L2-3 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G53130
27264	5	L23 vs. S23	L2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G33100
27265	5	L23 vs. S23	L2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT2G33100
27266	5	L23 vs. S23	L2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT2G33100
27267	5	L23 vs. S23	L2-3 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G53130
27268	5	L23 vs. S23	L2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G12620
27269	5	L23 vs. S23	L2-3 up	GO:0033961	Metabolism	Metabolism	cis-stilbene-oxide hydrolase activity	F	AT2G26740
27270	5	L23 vs. S23	L2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G79440
27271	5	L23 vs. S23	L2-3 up	GO:0004161	Metabolism	Metabolism	dimethylallyltranstransferase activity	F	AT4G36810
27272	5	L23 vs. S23	L2-3 up	GO:0004579	Metabolism	Metabolism	dolichyl-diphosphooligosaccharide-protein glycotransferase activity	F	AT2G01720
27273	5	L23 vs. S23	L2-3 up	GO:0035671	Metabolism	Metabolism	enone reductase activity	F	AT1G23740
27274	5	L23 vs. S23	L2-3 up	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT1G78370
27275	5	L23 vs. S23	L2-3 up	GO:0004301	Metabolism	Metabolism	epoxide hydrolase activity	F	AT2G26740
27276	5	L23 vs. S23	L2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G58430
27277	5	L23 vs. S23	L2-3 up	GO:0045337	Metabolism	Metabolism	farnesyl diphosphate biosynthetic process	P	AT4G36810
27278	5	L23 vs. S23	L2-3 up	GO:0004311	Metabolism	Metabolism	farnesyltranstransferase activity	F	AT4G36810
27279	5	L23 vs. S23	L2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G14130
27280	5	L23 vs. S23	L2-3 up	GO:0033384	Metabolism	Metabolism	geranyl diphosphate biosynthetic process	P	AT4G36810
27281	5	L23 vs. S23	L2-3 up	GO:0033386	Metabolism	Metabolism	geranylgeranyl diphosphate biosynthetic process	P	AT4G36810
27282	5	L23 vs. S23	L2-3 up	GO:0004337	Metabolism	Metabolism	geranyltranstransferase activity	F	AT4G36810
27283	5	L23 vs. S23	L2-3 up	GO:0006540	Metabolism	Metabolism	glutamate decarboxylation to succinate	P	AT1G79440
27284	5	L23 vs. S23	L2-3 up	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT1G23190
27285	5	L23 vs. S23	L2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT5G46850
27286	5	L23 vs. S23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G45130
27287	5	L23 vs. S23	L2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G47960
27288	5	L23 vs. S23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G45130
27289	5	L23 vs. S23	L2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G47960
27290	5	L23 vs. S23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G11600
27291	5	L23 vs. S23	L2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G50660
27292	5	L23 vs. S23	L2-3 up	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT3G25140

27293	5	L23 vs. S23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G39220
27294	5	L23 vs. S23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G51000
27295	5	L23 vs. S23	L2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G11570
27296	5	L23 vs. S23	L2-3 up	GO:0005242	Metabolism	Metabolism	inward rectifier potassium channel activity	F	AT5G53130
27297	5	L23 vs. S23	L2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G11600
27298	5	L23 vs. S23	L2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G50660
27299	5	L23 vs. S23	L2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT4G36810
27300	5	L23 vs. S23	L2-3 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT3G14130
27301	5	L23 vs. S23	L2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT5G63380
27302	5	L23 vs. S23	L2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	ATCG00140
27303	5	L23 vs. S23	L2-3 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT3G14130
27304	5	L23 vs. S23	L2-3 up	GO:0006564	Metabolism	Metabolism	L-serine biosynthetic process	P	AT2G17630
27305	5	L23 vs. S23	L2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G26600
27306	5	L23 vs. S23	L2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G23190
27307	5	L23 vs. S23	L2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G35840
27308	5	L23 vs. S23	L2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT2G33100
27309	5	L23 vs. S23	L2-3 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14130
27310	5	L23 vs. S23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G01490
27311	5	L23 vs. S23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G54050
27312	5	L23 vs. S23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12620
27313	5	L23 vs. S23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G36810
27314	5	L23 vs. S23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G20700
27315	5	L23 vs. S23	L2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G64610
27316	5	L23 vs. S23	L2-3 up	GO:0103045	Metabolism	Metabolism	methione N-acyltransferase activity	F	AT2G22910
27317	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G15430
27318	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G30090
27319	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G07708
27320	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G24550
27321	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G02490
27322	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G48510
27323	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G25660
27324	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46850
27325	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G56880
27326	5	L23 vs. S23	L2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G64870
27327	5	L23 vs. S23	L2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G50660
27328	5	L23 vs. S23	L2-3 up	GO:0043693	Metabolism	Metabolism	monoterpene biosynthetic process	P	AT4G36810
27329	5	L23 vs. S23	L2-3 up	GO:0004648	Metabolism	Metabolism	O-phospho-L-serine:2-oxoglutarate aminotransferase activity	F	AT2G17630
27330	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G11600
27331	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G23740
27332	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G49670
27333	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G79440
27334	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G01490
27335	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G50660
27336	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G66658
27337	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G27440
27338	5	L23 vs. S23	L2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG00420
27339	5	L23 vs. S23	L2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT5G63380
27340	5	L23 vs. S23	L2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G25140
27341	5	L23 vs. S23	L2-3 up	GO:0004614	Metabolism	Metabolism	phosphoglucomutase activity	F	AT1G23190
27342	5	L23 vs. S23	L2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G35500
27343	5	L23 vs. S23	L2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G25140
27344	5	L23 vs. S23	L2-3 up	GO:0015288	Metabolism	Metabolism	porin activity	F	AT2G28900
27345	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G01720
27346	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G28900

27347	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G21175
27348	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12620
27349	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27440
27350	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36810
27351	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16510
27352	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45130
27353	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G58430
27354	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64610
27355	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67250
27356	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00270
27357	5	L23 vs. S23	L2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00680
27358	5	L23 vs. S23	L2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00420
27359	5	L23 vs. S23	L2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01050
27360	5	L23 vs. S23	L2-3 up	GO:0009231	Metabolism	Metabolism	riboflavin biosynthetic process	P	AT4G11570
27361	5	L23 vs. S23	L2-3 up	GO:0004801	Metabolism	Metabolism	sedoheptulose-7-phosphate:D-glyceraldehyde-3-phosphate glyceronetransferase activity	F	AT1G12230
27362	5	L23 vs. S23	L2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	ATCG00670
27363	5	L23 vs. S23	L2-3 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT2G35840
27364	5	L23 vs. S23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G18570
27365	5	L23 vs. S23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G33100
27366	5	L23 vs. S23	L2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G25140
27367	5	L23 vs. S23	L2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT2G18570
27368	5	L23 vs. S23	L2-3 up	GO:0052691	Metabolism	Metabolism	UDP-arabinopyranose mutase activity	F	AT5G16510
27369	5	L23 vs. S23	L2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT4G23920
27370	5	L23 vs. S23	L2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G18570
27371	5	L23 vs. S23	L2-3 up	GO:0033356	Metabolism	Metabolism	UDP-L-arabinose metabolic process	P	AT5G16510
27372	5	L23 vs. S23	L2-3 up	GO:0006624	Metabolism	Metabolism	vacuolar protein processing	P	AT2G25940
27373	5	L23 vs. S23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G12230
27374	5	L23 vs. S23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G23740
27375	5	L23 vs. S23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G49670
27376	5	L23 vs. S23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G34030
27377	5	L23 vs. S23	L2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G58410
27378	5	L23 vs. S23	L2-3 up	GO:0016117	Metabolism	Photosynthesis	carotenoid biosynthetic process	P	AT4G36810
27379	5	L23 vs. S23	L2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00680
27380	5	L23 vs. S23	L2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT4G27440
27381	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12230
27382	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23740
27383	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78370
27384	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G79440
27385	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17630
27386	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18570
27387	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G22910
27388	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28900
27389	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G33260
27390	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G48060
27391	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22840
27392	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54050
27393	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G60800
27394	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11570
27395	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17486
27396	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G27440
27397	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36810
27398	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G03140
27399	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G26600
27400	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45370
27401	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G46800

27402	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58410
27403	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65140
27404	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00140
27405	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00270
27406	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00420
27407	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00560
27408	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00590
27409	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00670
27410	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00680
27411	5	L23 vs. S23	L2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01050
27412	5	L23 vs. S23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G12230
27413	5	L23 vs. S23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G23740
27414	5	L23 vs. S23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G28900
27415	5	L23 vs. S23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G27440
27416	5	L23 vs. S23	L2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00670
27417	5	L23 vs. S23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT2G28900
27418	5	L23 vs. S23	L2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT4G27440
27419	5	L23 vs. S23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G12230
27420	5	L23 vs. S23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G23740
27421	5	L23 vs. S23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G79440
27422	5	L23 vs. S23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G17630
27423	5	L23 vs. S23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54050
27424	5	L23 vs. S23	L2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00670
27425	5	L23 vs. S23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G17630
27426	5	L23 vs. S23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G27440
27427	5	L23 vs. S23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00140
27428	5	L23 vs. S23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00270
27429	5	L23 vs. S23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00560
27430	5	L23 vs. S23	L2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00680
27431	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G22840
27432	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G27440
27433	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00140
27434	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00270
27435	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00420
27436	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00560
27437	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00670
27438	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00680
27439	5	L23 vs. S23	L2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01050
27440	5	L23 vs. S23	L2-3 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	ATCG00670
27441	5	L23 vs. S23	L2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00270
27442	5	L23 vs. S23	L2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00680
27443	5	L23 vs. S23	L2-3 up	GO:0045157	Metabolism	Photosynthesis	electron transporter, transferring electrons within the noncyclic electron transport pathway of photosynthesis activity	F	ATCG00270
27444	5	L23 vs. S23	L2-3 up	GO:0042132	Metabolism	Photosynthesis	fructose 1,6-bisphosphate 1-phosphatase activity	F	AT3G54050
27445	5	L23 vs. S23	L2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT3G54050
27446	5	L23 vs. S23	L2-3 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT3G54050
27447	5	L23 vs. S23	L2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT3G14130
27448	5	L23 vs. S23	L2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G22840
27449	5	L23 vs. S23	L2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G54050
27450	5	L23 vs. S23	L2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G27440
27451	5	L23 vs. S23	L2-3 up	GO:0009769	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem II	P	ATCG00270

27452	5	L23 vs. S23	L2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00680
27453	5	L23 vs. S23	L2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT3G54050
27454	5	L23 vs. S23	L2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00270
27455	5	L23 vs. S23	L2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00680
27456	5	L23 vs. S23	L2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G22840
27457	5	L23 vs. S23	L2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G22840
27458	5	L23 vs. S23	L2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00270
27459	5	L23 vs. S23	L2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00680
27460	5	L23 vs. S23	L2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	ATCG00680
27461	5	L23 vs. S23	L2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00560
27462	5	L23 vs. S23	L2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00680
27463	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G28900
27464	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G36810
27465	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16510
27466	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G46800
27467	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47960
27468	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64870
27469	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00270
27470	5	L23 vs. S23	L2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00680
27471	5	L23 vs. S23	L2-3 up	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT2G28900
27472	5	L23 vs. S23	L2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	ATCG00670
27473	5	L23 vs. S23	L2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00270
27474	5	L23 vs. S23	L2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00680
27475	5	L23 vs. S23	L2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT2G28900
27476	5	L23 vs. S23	L2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00270
27477	5	L23 vs. S23	L2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00680
27478	5	L23 vs. S23	L2-3 up	GO:0016630	Metabolism	Photosynthesis	protochlorophyllide reductase activity	F	AT4G27440
27479	5	L23 vs. S23	L2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT3G22840
27480	5	L23 vs. S23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G23740
27481	5	L23 vs. S23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00270
27482	5	L23 vs. S23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00560
27483	5	L23 vs. S23	L2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00680
27484	5	L23 vs. S23	L2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G33260
27485	5	L23 vs. S23	L2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G28900
27486	5	L23 vs. S23	L2-3 up	GO:0006865	Metabolism	Transporters	amino acid transport	P	AT1G58030
27487	5	L23 vs. S23	L2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT5G53130
27488	5	L23 vs. S23	L2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT4G16480
27489	5	L23 vs. S23	L2-3 up	GO:0005769	Metabolism	Transporters	early endosome	C	AT3G60800
27490	5	L23 vs. S23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G25140
27491	5	L23 vs. S23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G45130
27492	5	L23 vs. S23	L2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G47960
27493	5	L23 vs. S23	L2-3 up	GO:0005221	Metabolism	Transporters	intracellular cyclic nucleotide activated cation channel activity	F	AT5G53130
27494	5	L23 vs. S23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G45130
27495	5	L23 vs. S23	L2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G47960
27496	5	L23 vs. S23	L2-3 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G53130
27497	5	L23 vs. S23	L2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G64500
27498	5	L23 vs. S23	L2-3 up	GO:0000064	Metabolism	Transporters	L-ornithine transmembrane transporter activity	F	AT5G46800
27499	5	L23 vs. S23	L2-3 up	GO:0080054	Metabolism	Transporters	low-affinity nitrate transmembrane transporter activity	F	AT3G16180
27500	5	L23 vs. S23	L2-3 up	GO:0005302	Metabolism	Transporters	L-tyrosine transmembrane transporter activity	F	AT2G33260
27501	5	L23 vs. S23	L2-3 up	GO:1990575	Metabolism	Transporters	mitochondrial L-ornithine transmembrane transport	P	AT5G46800
27502	5	L23 vs. S23	L2-3 up	GO:0006839	Metabolism	Transporters	mitochondrial transport	P	AT5G46800
27503	5	L23 vs. S23	L2-3 up	GO:0005366	Metabolism	Transporters	myo-inositol:proton symporter activity	F	AT4G16480
27504	5	L23 vs. S23	L2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G16180
27505	5	L23 vs. S23	L2-3 up	GO:0015822	Metabolism	Transporters	ornithine transport	P	AT5G46800

27506	5	L23 vs. S23	L2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G16180
27507	5	L23 vs. S23	L2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G16180
27508	5	L23 vs. S23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35840
27509	5	L23 vs. S23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G17420
27510	5	L23 vs. S23	L2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G16510
27511	5	L23 vs. S23	L2-3 up	GO:0046930	Metabolism	Transporters	pore complex	C	AT2G28900
27512	5	L23 vs. S23	L2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G53130
27513	5	L23 vs. S23	L2-3 up	GO:0005345	Metabolism	Transporters	purine nucleobase transmembrane transporter activity	F	AT2G24220
27514	5	L23 vs. S23	L2-3 up	GO:0006863	Metabolism	Transporters	purine nucleobase transport	P	AT2G24220
27515	5	L23 vs. S23	L2-3 up	GO:0015211	Metabolism	Transporters	purine nucleoside transmembrane transporter activity	F	AT2G24220
27516	5	L23 vs. S23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G33100
27517	5	L23 vs. S23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G25140
27518	5	L23 vs. S23	L2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G60800
27519	5	L23 vs. S23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G58030
27520	5	L23 vs. S23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G16480
27521	5	L23 vs. S23	L2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G64500
27522	5	L23 vs. S23	L2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G58030
27523	5	L23 vs. S23	L2-3 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT5G45130
27524	5	L23 vs. S23	L2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT3G12050
27525	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G01720
27526	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33410
27527	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35840
27528	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G50660
27529	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G60800
27530	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G66658
27531	5	L23 vs. S23	L2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G45130
27532	5	L23 vs. S23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G01720
27533	5	L23 vs. S23	L2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G46850
27534	5	L23 vs. S23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G33100
27535	5	L23 vs. S23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47320
27536	5	L23 vs. S23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G25140
27537	5	L23 vs. S23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G60800
27538	5	L23 vs. S23	L2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16510
27539	5	L23 vs. S23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G33100
27540	5	L23 vs. S23	L2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G25140
27541	5	L23 vs. S23	L2-3 up	GO:0018230	Regulation	Protein modification	peptidyl-L-cysteine S-palmitoylation	P	AT3G60800
27542	5	L23 vs. S23	L2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT2G47320
27543	5	L23 vs. S23	L2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G23920
27544	5	L23 vs. S23	L2-3 up	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT2G01720
27545	5	L23 vs. S23	L2-3 up	GO:0018279	Regulation	Protein modification	protein N-linked glycosylation via asparagine	P	AT2G01720
27546	5	L23 vs. S23	L2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT2G47320
27547	5	L23 vs. S23	L2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT4G11570
27548	5	L23 vs. S23	L2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT3G60800
27549	5	L23 vs. S23	L2-3 up	GO:0019707	Regulation	Protein modification	protein-cysteine S-acyltransferase activity	F	AT3G60800
27550	5	L23 vs. S23	L2-3 up	GO:0019706	Regulation	Protein modification	protein-cysteine S-palmitoyltransferase activity	F	AT3G60800
27551	5	L23 vs. S23	L2-3 up	GO:0016279	Regulation	Protein modification	protein-lysine N-methyltransferase activity	F	AT1G66680
27552	5	L23 vs. S23	L2-3 up	GO:2000604	Regulation	Regulation	negative regulation of secondary growth	P	AT5G51350
27553	5	L23 vs. S23	L2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT3G22840
27554	5	L23 vs. S23	L2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G78370
27555	5	L23 vs. S23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G26610
27556	5	L23 vs. S23	L2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G21270
27557	5	L23 vs. S23	L2-3 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G64610
27558	5	L23 vs. S23	L2-3 up	GO:0043995	Regulation	Transcription	histone acetyltransferase activity (H4-K5 specific)	F	AT5G64610
27559	5	L23 vs. S23	L2-3 up	GO:0000123	Regulation	Transcription	histone acetyltransferase complex	C	AT5G64610

27560	5	L23 vs. S23	L2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G12620
27561	5	L23 vs. S23	L2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT5G64610
27562	5	L23 vs. S23	L2-3 up	GO:2000143	Regulation	Transcription	negative regulation of DNA-templated transcription, initiation	P	AT3G48510
27563	5	L23 vs. S23	L2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G64610
27564	5	L23 vs. S23	L2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G65140
27565	5	L23 vs. S23	L2-3 up	GO:0018027	Regulation	Transcription	peptidyl-lysine dimethylation	P	AT1G66680
27566	5	L23 vs. S23	L2-3 up	GO:0018026	Regulation	Transcription	peptidyl-lysine monomethylation	P	AT1G66680
27567	5	L23 vs. S23	L2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G64610
27568	5	L23 vs. S23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G26610
27569	5	L23 vs. S23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21175
27570	5	L23 vs. S23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21270
27571	5	L23 vs. S23	L2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G12620
27572	5	L23 vs. S23	L2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G33410
27573	5	L23 vs. S23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G26610
27574	5	L23 vs. S23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21175
27575	5	L23 vs. S23	L2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21270
27576	5	L23 vs. S23	L2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G44770
27577	5	L23 vs. S23	L2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G13580
27578	5	L23 vs. S23	L2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G13580
27579	5	L23 vs. S23	L2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G13580
27580	5	L23 vs. S23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G33410
27581	5	L23 vs. S23	L2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G13580
27582	5	L23 vs. S23	L2-3 up	GO:0072344	Regulation	Translation	rescue of stalled ribosome	P	AT5G58410
27583	5	L23 vs. S23	L2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT2G33410
27584	5	L23 vs. S23	L2-3 up	GO:0043023	Regulation	Translation	ribosomal large subunit binding	F	AT5G58410
27585	5	L23 vs. S23	L2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G13580
27586	5	L23 vs. S23	L2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT1G44770
27587	5	L23 vs. S23	L2-3 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT3G50660
27588	5	L23 vs. S23	L2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G53130
27589	5	L23 vs. S23	L2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT3G22840
27590	5	L23 vs. S23	L2-3 up	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT3G22840
27591	5	L23 vs. S23	L2-3 up	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT3G22840
27592	5	L23 vs. S23	L2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G34030
27593	5	L23 vs. S23	L2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT5G63380
27594	5	L23 vs. S23	L2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G50660
27595	5	L23 vs. S23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G03140
27596	5	L23 vs. S23	L2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G51350
27597	5	L23 vs. S23	L2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G51350
27598	5	L23 vs. S23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G17420
27599	5	L23 vs. S23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G11570
27600	5	L23 vs. S23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G35500
27601	5	L23 vs. S23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G03140
27602	5	L23 vs. S23	L2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G51350
27603	5	L23 vs. S23	L2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G35500
27604	5	L23 vs. S23	L2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT5G45130
27605	5	L23 vs. S23	L2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT5G47960
27606	5	L23 vs. S23	L2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT5G64610
27607	5	L23 vs. S23	L2-3 up	GO:2000030	Signaling and response	Signaling	regulation of response to red or far red light	P	AT1G78370
27608	5	L23 vs. S23	L2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G26740
27609	5	L23 vs. S23	L2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT3G50660
27610	5	L23 vs. S23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G23190
27611	5	L23 vs. S23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G17630
27612	5	L23 vs. S23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G35840

27613	5	L23 vs. S23	L2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G65140
27614	5	L23 vs. S23	L2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT2G28900
27615	5	L23 vs. S23	L2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G20700
27616	5	L23 vs. S23	L2-3 up	GO:0009629	Signaling and response	Signaling	response to gravity	P	AT1G78370
27617	5	L23 vs. S23	L2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G28900
27618	5	L23 vs. S23	L2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G50660
27619	5	L23 vs. S23	L2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G22840
27620	5	L23 vs. S23	L2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G79440
27621	5	L23 vs. S23	L2-3 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G20700
27622	5	L23 vs. S23	L2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT2G28900
27623	5	L23 vs. S23	L2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20700
27624	5	L23 vs. S23	L2-3 up	GO:0010012	Signaling and response	Signaling	steroid 22-alpha hydroxylase activity	F	AT3G50660
27625	5	L23 vs. S23	L2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT3G50660
27626	5	L23 vs. S23	L2-3 up	GO:0080144	Signaling and response	Stress	amino acid homeostasis	P	AT1G58030
27627	5	L23 vs. S23	L2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT3G50660
27628	5	L23 vs. S23	L2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G22840
27629	5	L23 vs. S23	L2-3 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT3G22840
27630	5	L23 vs. S23	L2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	ATCG00420
27631	5	L23 vs. S23	L2-3 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT3G22840
27632	5	L23 vs. S23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G39220
27633	5	L23 vs. S23	L2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G03140
27634	5	L23 vs. S23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G14130
27635	5	L23 vs. S23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G03140
27636	5	L23 vs. S23	L2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G58430
27637	5	L23 vs. S23	L2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G58430
27638	5	L23 vs. S23	L2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G03140
27639	5	L23 vs. S23	L2-3 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	ATCG00670
27640	5	L23 vs. S23	L2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT4G04860
27641	5	L23 vs. S23	L2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT1G78370
27642	5	L23 vs. S23	L2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78370
27643	5	L23 vs. S23	L2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78370
27644	5	L23 vs. S23	L2-3 up	GO:0000839	Signaling and response	Stress	Hrd1p ubiquitin ligase ERAD-L complex	C	AT4G04860
27645	5	L23 vs. S23	L2-3 up	GO:0051879	Signaling and response	Stress	Hsp90 protein binding	F	AT3G12050
27646	5	L23 vs. S23	L2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT3G14130
27647	5	L23 vs. S23	L2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT2G01490
27648	5	L23 vs. S23	L2-3 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT4G04860
27649	5	L23 vs. S23	L2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT3G22840
27650	5	L23 vs. S23	L2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT5G58430
27651	5	L23 vs. S23	L2-3 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	ATCG00670
27652	5	L23 vs. S23	L2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT1G79440
27653	5	L23 vs. S23	L2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT3G60800
27654	5	L23 vs. S23	L2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G58430
27655	5	L23 vs. S23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G23740
27656	5	L23 vs. S23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G79440
27657	5	L23 vs. S23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G28900
27658	5	L23 vs. S23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22840
27659	5	L23 vs. S23	L2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G54050
27660	5	L23 vs. S23	L2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G27440
27661	5	L23 vs. S23	L2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G79440
27662	5	L23 vs. S23	L2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G49670
27663	5	L23 vs. S23	L2-3 up	GO:1902074	Signaling and response	Stress	response to salt	P	AT1G79440
27664	5	L23 vs. S23	L2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G20700
27665	5	L23 vs. S23	L2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G64610

27666	5	L23 vs. S23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G26740
27667	5	L23 vs. S23	L2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G58430
27668	5	L23 vs. S23	L2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G28900
27669	5	L23 vs. S23	L2-3 up	GO:1990112	Signaling and response	Stress	RQC complex	C	AT5G58410
27670	5	L23 vs. S23	L2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78370
27671	5	L23 vs. S23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G17420
27672	5	L23 vs. S23	L2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G03140
27673	5	L23 vs. S23	L2-3 up	GO:0030433	Signaling and response	Stress	ubiquitin-dependent ERAD pathway	P	AT4G04860
27674	5	L23 vs. S23	S2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12710
27675	5	L23 vs. S23	S2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT5G04560
27676	5	L23 vs. S23	S2-3 up	GO:0007059	Development	Cell division	chromosome segregation	P	AT5G42190
27677	5	L23 vs. S23	S2-3 up	GO:0006310	Development	Cell division	DNA recombination	P	AT1G79050
27678	5	L23 vs. S23	S2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT1G79050
27679	5	L23 vs. S23	S2-3 up	GO:0000076	Development	Cell division	DNA replication checkpoint	P	AT3G02820
27680	5	L23 vs. S23	S2-3 up	GO:0003906	Development	Cell division	DNA-(apurinic or apyrimidinic site) endonuclease activity	F	AT5G04560
27681	5	L23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G20150
27682	5	L23 vs. S23	S2-3 up	GO:0009116	Development	Cell division	nucleoside metabolic process	P	AT4G24350
27683	5	L23 vs. S23	S2-3 up	GO:0043186	Development	Cell division	P granule	C	AT2G23930
27684	5	L23 vs. S23	S2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT3G10380
27685	5	L23 vs. S23	S2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G10380
27686	5	L23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT2G03680
27687	5	L23 vs. S23	S2-3 up	GO:0048478	Development	Cell division	replication fork protection	P	AT3G02820
27688	5	L23 vs. S23	S2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G42190
27689	5	L23 vs. S23	S2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT2G20750
27690	5	L23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT1G79050
27691	5	L23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT2G03680
27692	5	L23 vs. S23	S2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G19800
27693	5	L23 vs. S23	S2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G20750
27694	5	L23 vs. S23	S2-3 up	GO:0010158	Development	Development	abaxial cell fate specification	P	AT2G45190
27695	5	L23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G47930
27696	5	L23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G44100
27697	5	L23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G08000
27698	5	L23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G08000
27699	5	L23 vs. S23	S2-3 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT2G03680
27700	5	L23 vs. S23	S2-3 up	GO:0048653	Development	Development	anther development	P	AT2G42200
27701	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G50480
27702	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G10940
27703	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G39730
27704	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G04120
27705	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G39640
27706	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G39160
27707	5	L23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G65730
27708	5	L23 vs. S23	S2-3 up	GO:0048440	Development	Development	carpel development	P	AT1G62360
27709	5	L23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT4G24920
27710	5	L23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	ATCG01130
27711	5	L23 vs. S23	S2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT1G52030
27712	5	L23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G31070
27713	5	L23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G60910
27714	5	L23 vs. S23	S2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT2G45190
27715	5	L23 vs. S23	S2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT4G08150
27716	5	L23 vs. S23	S2-3 up	GO:0001708	Development	Development	cell fate specification	P	AT1G24260
27717	5	L23 vs. S23	S2-3 up	GO:0001708	Development	Development	cell fate specification	P	AT4G08150
27718	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02100

27719	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02130
27720	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G20750
27721	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G39730
27722	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G02080
27723	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G10380
27724	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G29030
27725	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G44100
27726	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G11310
27727	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G24890
27728	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G28060
27729	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G39160
27730	5	L23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G65730
27731	5	L23 vs. S23	S2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G65730
27732	5	L23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G75500
27733	5	L23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G20750
27734	5	L23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G65730
27735	5	L23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G43760
27736	5	L23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G47813
27737	5	L23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT2G24980
27738	5	L23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT3G44380
27739	5	L23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT4G08410
27740	5	L23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G06630
27741	5	L23 vs. S23	S2-3 up	GO:0042807	Development	Development	central vacuole	C	AT2G36830
27742	5	L23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT2G03680
27743	5	L23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT2G03680
27744	5	L23 vs. S23	S2-3 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT2G03680
27745	5	L23 vs. S23	S2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT3G07050
27746	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G21840
27747	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G42680
27748	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G50480
27749	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52030
27750	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52300
27751	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G57860
27752	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G62360
27753	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68570
27754	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79690
27755	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80280
27756	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19800
27757	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19830
27758	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31830
27759	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G32220
27760	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36620
27761	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36830
27762	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40010
27763	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42200
27764	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G43460
27765	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44120
27766	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02070
27767	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03190
27768	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04120
27769	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04840
27770	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04920
27771	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09500
27772	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G15270
27773	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16410
27774	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19980

27775	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G21260
27776	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22230
27777	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54090
27778	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56150
27779	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G12140
27780	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G27130
27781	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33040
27782	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G34555
27783	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02610
27784	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05440
27785	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G13930
27786	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G17060
27787	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18670
27788	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23900
27789	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24420
27790	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24530
27791	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G27700
27792	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G28060
27793	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G42190
27794	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G62360
27795	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G63400
27796	5	L23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64130
27797	5	L23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G10380
27798	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G01320
27799	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G15120
27800	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G15270
27801	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G47970
27802	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G50480
27803	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79690
27804	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G03680
27805	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G23930
27806	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35370
27807	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36620
27808	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G43460
27809	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44120
27810	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46540
27811	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G48020
27812	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02080
27813	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02190
27814	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03190
27815	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04120
27816	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04840
27817	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04920
27818	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09500
27819	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10380
27820	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10860
27821	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16410
27822	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21260
27823	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G22230
27824	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G44100
27825	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45030
27826	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46430
27827	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56150
27828	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04840
27829	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G05150
27830	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13770

27831	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G22380
27832	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24350
27833	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24920
27834	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24930
27835	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27130
27836	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G24420
27837	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G27700
27838	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G42190
27839	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G57290
27840	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58700
27841	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G59140
27842	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G63400
27843	5	L23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64130
27844	5	L23 vs. S23	S2-3 up	GO:0060560	Development	Development	developmental growth involved in morphogenesis	P	AT5G60910
27845	5	L23 vs. S23	S2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT3G21180
27846	5	L23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34870
27847	5	L23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G19980
27848	5	L23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G04560
27849	5	L23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G42190
27850	5	L23 vs. S23	S2-3 up	GO:0071782	Development	Development	endoplasmic reticulum tubular network	C	AT2G24330
27851	5	L23 vs. S23	S2-3 up	GO:0071786	Development	Development	endoplasmic reticulum tubular network organization	P	AT2G24330
27852	5	L23 vs. S23	S2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT2G19830
27853	5	L23 vs. S23	S2-3 up	GO:0000145	Development	Development	exocyst	C	AT3G10380
27854	5	L23 vs. S23	S2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT3G10380
27855	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01170
27856	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01320
27857	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14450
27858	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G15120
27859	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G52910
27860	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G58430
27861	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02100
27862	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02130
27863	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G20750
27864	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G35620
27865	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G45180
27866	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13662
27867	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G29030
27868	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G44100
27869	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G11310
27870	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24890
27871	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39640
27872	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39730
27873	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G08260
27874	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G18670
27875	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G39160
27876	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G47020
27877	5	L23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G65730
27878	5	L23 vs. S23	S2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G11310
27879	5	L23 vs. S23	S2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT1G62360
27880	5	L23 vs. S23	S2-3 up	GO:0048444	Development	Development	floral organ morphogenesis	P	AT3G07050
27881	5	L23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G24260
27882	5	L23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G30330
27883	5	L23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G52030
27884	5	L23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G37020

27885	5	L23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G60910
27886	5	L23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT2G45190
27887	5	L23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G04120
27888	5	L23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G37020
27889	5	L23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G60910
27890	5	L23 vs. S23	S2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G27930
27891	5	L23 vs. S23	S2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G27720
27892	5	L23 vs. S23	S2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT3G47620
27893	5	L23 vs. S23	S2-3 up	GO:0010450	Development	Development	inflorescence meristem growth	P	AT2G45190
27894	5	L23 vs. S23	S2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G74340
27895	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01170
27896	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06350
27897	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14260
27898	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14450
27899	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21930
27900	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G26440
27901	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27390
27902	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27930
27903	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G52910
27904	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G53440
27905	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68570
27906	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G69640
27907	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G69700
27908	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G72020
27909	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75500
27910	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80280
27911	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80700
27912	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01320
27913	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G02510
27914	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26110
27915	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G29980
27916	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34585
27917	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G35620
27918	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G36830
27919	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G01980
27920	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G12870
27921	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21180
27922	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G56590
27923	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13770
27924	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G15920
27925	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27720
27926	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G30650
27927	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01430
27928	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G20885
27929	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G37300
27930	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G41685
27931	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61790
27932	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G66440
27933	5	L23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01130
27934	5	L23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G48020
27935	5	L23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G24920
27936	5	L23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	ATCG01130
27937	5	L23 vs. S23	S2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G36970
27938	5	L23 vs. S23	S2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61790
27939	5	L23 vs. S23	S2-3 up	GO:0097708	Development	Development	intracellular vesicle	C	AT1G68570

27940	5	L23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G31070
27941	5	L23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G42200
27942	5	L23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G23760
27943	5	L23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G31070
27944	5	L23 vs. S23	S2-3 up	GO:0010077	Development	Development	maintenance of inflorescence meristem identity	P	AT3G07050
27945	5	L23 vs. S23	S2-3 up	GO:0010077	Development	Development	maintenance of inflorescence meristem identity	P	AT5G60910
27946	5	L23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G14260
27947	5	L23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G26440
27948	5	L23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT2G20750
27949	5	L23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G21180
27950	5	L23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G29030
27951	5	L23 vs. S23	S2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT2G45190
27952	5	L23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G20150
27953	5	L23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G62580
27954	5	L23 vs. S23	S2-3 up	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT1G62360
27955	5	L23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G20150
27956	5	L23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G07090
27957	5	L23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G24260
27958	5	L23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G60910
27959	5	L23 vs. S23	S2-3 up	GO:0009295	Development	Development	nucleoid	C	AT3G54090
27960	5	L23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT5G41560
27961	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01320
27962	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G02870
27963	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G05205
27964	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07090
27965	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G24260
27966	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27390
27967	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27930
27968	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G30330
27969	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G33810
27970	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47970
27971	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48110
27972	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49750
27973	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50480
27974	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G52300
27975	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G57860
27976	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62360
27977	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64405
27978	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G69700
27979	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17240
27980	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23760
27981	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23930
27982	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G24330
27983	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31070
27984	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35370
27985	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G36620
27986	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39730
27987	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42200
27988	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45190
27989	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G01670
27990	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G02080
27991	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G02820
27992	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04120
27993	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07050
27994	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G10380
27995	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15270

27996	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16410
27997	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17100
27998	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19980
27999	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22550
28000	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G26932
28001	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G27810
28002	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G47620
28003	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54090
28004	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56150
28005	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56590
28006	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56880
28007	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57080
28008	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G04630
28009	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G05150
28010	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G08150
28011	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17900
28012	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G20300
28013	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G22380
28014	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28300
28015	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G04560
28016	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G05440
28017	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06710
28018	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13460
28019	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13930
28020	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24890
28021	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G25570
28022	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G27700
28023	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G28300
28024	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G37020
28025	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G37300
28026	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41560
28027	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42190
28028	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G49550
28029	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54970
28030	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G57290
28031	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59140
28032	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60910
28033	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62170
28034	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62580
28035	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64130
28036	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65670
28037	5	L23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G66440
28038	5	L23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G03680
28039	5	L23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G10380
28040	5	L23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G24260
28041	5	L23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G02100
28042	5	L23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G61790
28043	5	L23 vs. S23	S2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT2G20750
28044	5	L23 vs. S23	S2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT3G29030
28045	5	L23 vs. S23	S2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT1G27930
28046	5	L23 vs. S23	S2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT5G62360
28047	5	L23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G24980
28048	5	L23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G35620
28049	5	L23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29030
28050	5	L23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT4G08410
28051	5	L23 vs. S23	S2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT1G27930

28052	5	L23 vs. S23	S2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT1G75500
28053	5	L23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G75500
28054	5	L23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G36830
28055	5	L23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G48020
28056	5	L23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT4G15920
28057	5	L23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G13930
28058	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G15270
28059	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G50480
28060	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G51940
28061	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G53440
28062	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G62360
28063	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G68570
28064	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G75500
28065	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01320
28066	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02100
28067	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G10940
28068	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G19830
28069	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G35620
28070	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36620
28071	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47930
28072	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04120
28073	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04840
28074	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04920
28075	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G10380
28076	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G21180
28077	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24350
28078	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27720
28079	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28300
28080	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28660
28081	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31985
28082	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32470
28083	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34555
28084	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39640
28085	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39730
28086	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01430
28087	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02610
28088	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04080
28089	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05310
28090	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05370
28091	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05440
28092	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08000
28093	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G13460
28094	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37300
28095	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G43680
28096	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58700
28097	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G61790
28098	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62360
28099	5	L23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64130
28100	5	L23 vs. S23	S2-3 up	GO:0043078	Development	Development	polar nucleus	C	AT5G04560
28101	5	L23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G45190
28102	5	L23 vs. S23	S2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G21180
28103	5	L23 vs. S23	S2-3 up	GO:0080022	Development	Development	primary root development	P	AT3G29030
28104	5	L23 vs. S23	S2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT2G36830
28105	5	L23 vs. S23	S2-3 up	GO:0048316	Development	Development	seed development	P	AT3G04120
28106	5	L23 vs. S23	S2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT1G24260
28107	5	L23 vs. S23	S2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT2G45190

28108	5	L23 vs. S23	S2-3 up	GO:0048833	Development	Development	specification of floral organ number	P	AT1G24260
28109	5	L23 vs. S23	S2-3 up	GO:0090706	Development	Development	specification of plant organ position	P	AT2G45190
28110	5	L23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT3G27810
28111	5	L23 vs. S23	S2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT3G27810
28112	5	L23 vs. S23	S2-3 up	GO:0019827	Development	Development	stem cell population maintenance	P	AT1G62360
28113	5	L23 vs. S23	S2-3 up	GO:0010319	Development	Development	stromule	C	AT2G39730
28114	5	L23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT2G24980
28115	5	L23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT4G08410
28116	5	L23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G75500
28117	5	L23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G03680
28118	5	L23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G20750
28119	5	L23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G35620
28120	5	L23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G29030
28121	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75500
28122	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G34585
28123	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36830
28124	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G48020
28125	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04120
28126	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04920
28127	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G32470
28128	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G39730
28129	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G02610
28130	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G61790
28131	5	L23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G63400
28132	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G79690
28133	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G23930
28134	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G34585
28135	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G36830
28136	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G44120
28137	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G48020
28138	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G44100
28139	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G39730
28140	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G08260
28141	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G24780
28142	5	L23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G61790
28143	5	L23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G42200
28144	5	L23 vs. S23	S2-3 up	GO:0090522	Development	Development	vesicle tethering involved in exocytosis	P	AT3G10380
28145	5	L23 vs. S23	S2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT4G08150
28146	5	L23 vs. S23	S2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT2G39730
28147	5	L23 vs. S23	S2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT4G32470
28148	5	L23 vs. S23	S2-3 up	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G37300
28149	5	L23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G01320
28150	5	L23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G20150
28151	5	L23 vs. S23	S2-3 up	GO:0008574	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, plus-end-directed	F	AT3G20150
28152	5	L23 vs. S23	S2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT5G18670
28153	5	L23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G52030
28154	5	L23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16410
28155	5	L23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G61790
28156	5	L23 vs. S23	S2-3 up	GO:0019200	Metabolism	Bioenergetics	carbohydrate kinase activity	F	AT3G54090
28157	5	L23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G24420
28158	5	L23 vs. S23	S2-3 up	GO:0008094	Metabolism	Bioenergetics	DNA-dependent ATPase activity	F	AT1G79050
28159	5	L23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G33040
28160	5	L23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT1G14450

28161	5	L23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT2G02510
28162	5	L23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT3G10860
28163	5	L23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT5G05370
28164	5	L23 vs. S23	S2-3 up	GO:1902334	Metabolism	Bioenergetics	fructose export from vacuole to cytoplasm	P	AT4G15920
28165	5	L23 vs. S23	S2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G04120
28166	5	L23 vs. S23	S2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G04120
28167	5	L23 vs. S23	S2-3 up	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT3G04120
28168	5	L23 vs. S23	S2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G04120
28169	5	L23 vs. S23	S2-3 up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT4G05590
28170	5	L23 vs. S23	S2-3 up	GO:0031304	Metabolism	Bioenergetics	intrinsic component of mitochondrial inner membrane	C	AT1G07180
28171	5	L23 vs. S23	S2-3 up	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G37300
28172	5	L23 vs. S23	S2-3 up	GO:0004488	Metabolism	Bioenergetics	methylenetetrahydrofolate dehydrogenase (NADP+) activity	F	AT1G50480
28173	5	L23 vs. S23	S2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT1G15120
28174	5	L23 vs. S23	S2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT4G32470
28175	5	L23 vs. S23	S2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT3G04120
28176	5	L23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G15120
28177	5	L23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G27390
28178	5	L23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT1G14450
28179	5	L23 vs. S23	S2-3 up	GO:0005741	Metabolism	Bioenergetics	mitochondrial outer membrane	C	AT1G27390
28180	5	L23 vs. S23	S2-3 up	GO:0005742	Metabolism	Bioenergetics	mitochondrial outer membrane translocase complex	C	AT1G27390
28181	5	L23 vs. S23	S2-3 up	GO:0005742	Metabolism	Bioenergetics	mitochondrial outer membrane translocase complex	C	AT5G41685
28182	5	L23 vs. S23	S2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT3G46430
28183	5	L23 vs. S23	S2-3 up	GO:0006850	Metabolism	Bioenergetics	mitochondrial pyruvate transmembrane transport	P	AT4G05590
28184	5	L23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G14450
28185	5	L23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT2G02510
28186	5	L23 vs. S23	S2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT1G14450
28187	5	L23 vs. S23	S2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT2G02510
28188	5	L23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT3G10860
28189	5	L23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT3G46430
28190	5	L23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT4G32470
28191	5	L23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT5G05370
28192	5	L23 vs. S23	S2-3 up	GO:0034551	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III assembly	P	AT4G32470
28193	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01170
28194	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02160
28195	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G06350
28196	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G07180
28197	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14450
28198	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G15120
28199	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G17970
28200	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G26440
28201	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G27390
28202	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75500
28203	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79690
28204	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80700
28205	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01320

28206	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02100
28207	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02130
28208	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02510
28209	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G03680
28210	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G04039
28211	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07725
28212	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G10940
28213	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G26970
28214	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G34870
28215	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35370
28216	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G46540
28217	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01980
28218	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03840
28219	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G04120
28220	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G10860
28221	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G12870
28222	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G46430
28223	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G04840
28224	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05590
28225	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G17900
28226	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24920
28227	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G32470
28228	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35490
28229	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G05370
28230	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G26030
28231	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G37300
28232	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58700
28233	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G61790
28234	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G63400
28235	5	L23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64130
28236	5	L23 vs. S23	S2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G04120
28237	5	L23 vs. S23	S2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT1G07180
28238	5	L23 vs. S23	S2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G04120
28239	5	L23 vs. S23	S2-3 up	GO:0042389	Metabolism	Bioenergetics	omega-3 fatty acid desaturase activity	F	AT2G29980
28240	5	L23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G69640
28241	5	L23 vs. S23	S2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G13770
28242	5	L23 vs. S23	S2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G37320
28243	5	L23 vs. S23	S2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT1G06350
28244	5	L23 vs. S23	S2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT2G29980
28245	5	L23 vs. S23	S2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT5G24420
28246	5	L23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G14450
28247	5	L23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G35370
28248	5	L23 vs. S23	S2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT1G15120
28249	5	L23 vs. S23	S2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	AT1G14450

28250	5	L23 vs. S23	S2-3 up	GO:0005744	Metabolism	Bioenergetics	TIM23 mitochondrial import inner membrane translocase complex	C	AT1G27390
28251	5	L23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT1G15120
28252	5	L23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT3G10860
28253	5	L23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT4G32470
28254	5	L23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT5G05370
28255	5	L23 vs. S23	S2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT1G06350
28256	5	L23 vs. S23	S2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT2G29980
28257	5	L23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G41560
28258	5	L23 vs. S23	S2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G11310
28259	5	L23 vs. S23	S2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT1G64405
28260	5	L23 vs. S23	S2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G16410
28261	5	L23 vs. S23	S2-3 up	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G39640
28262	5	L23 vs. S23	S2-3 up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT2G19800
28263	5	L23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G31070
28264	5	L23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G39730
28265	5	L23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G24530
28266	5	L23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G58430
28267	5	L23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G58700
28268	5	L23 vs. S23	S2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G11310
28269	5	L23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G07180
28270	5	L23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G01980
28271	5	L23 vs. S23	S2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT5G18670
28272	5	L23 vs. S23	S2-3 up	GO:0032436	Metabolism	Catabolism	positive regulation of proteasomal ubiquitin-dependent protein catabolic process	P	AT5G41560
28273	5	L23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G14260
28274	5	L23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G42190
28275	5	L23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G02070
28276	5	L23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G11310
28277	5	L23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G08260
28278	5	L23 vs. S23	S2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G42190
28279	5	L23 vs. S23	S2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT5G08260
28280	5	L23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G17970
28281	5	L23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G42190
28282	5	L23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G42190
28283	5	L23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G59140
28284	5	L23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G14260
28285	5	L23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G59140
28286	5	L23 vs. S23	S2-3 up	GO:0034768	Metabolism	Metabolism	(E)-beta-ocimene synthase activity	F	AT2G24210
28287	5	L23 vs. S23	S2-3 up	GO:0009257	Metabolism	Metabolism	10-formyltetrahydrofolate biosynthetic process	P	AT1G50480
28288	5	L23 vs. S23	S2-3 up	GO:0009979	Metabolism	Metabolism	16:0 monogalactosyldiacylglycerol desaturase activity	F	AT1G06350
28289	5	L23 vs. S23	S2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT2G26970
28290	5	L23 vs. S23	S2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G04560
28291	5	L23 vs. S23	S2-3 up	GO:0017057	Metabolism	Metabolism	6-phosphogluconolactonase activity	F	AT5G24420
28292	5	L23 vs. S23	S2-3 up	GO:0004017	Metabolism	Metabolism	adenylate kinase activity	F	AT5G63400
28293	5	L23 vs. S23	S2-3 up	GO:0047769	Metabolism	Metabolism	arogenate dehydratase activity	F	AT5G22630
28294	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G26440
28295	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50480
28296	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G53440
28297	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G79050
28298	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01320
28299	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G35620

28300	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G39730
28301	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21180
28302	5	L23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G63400
28303	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G02160
28304	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21930
28305	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G33810
28306	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G43760
28307	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47813
28308	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47970
28309	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G48110
28310	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G52910
28311	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G72020
28312	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G80700
28313	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G17240
28314	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G34585
28315	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G26932
28316	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G44280
28317	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G46430
28318	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G56590
28319	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G04630
28320	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G13070
28321	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G17900
28322	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24930
28323	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28300
28324	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G04080
28325	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G06630
28326	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G13460
28327	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G20885
28328	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G24570
28329	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G24890
28330	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G25360
28331	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G25570
28332	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G47020
28333	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G49550
28334	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G54970
28335	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G62170
28336	5	L23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G62580
28337	5	L23 vs. S23	S2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT4G24350
28338	5	L23 vs. S23	S2-3 up	GO:1902387	Metabolism	Metabolism	ceramide 1-phosphate binding	F	AT3G21260
28339	5	L23 vs. S23	S2-3 up	GO:1902388	Metabolism	Metabolism	ceramide 1-phosphate transfer activity	F	AT3G21260
28340	5	L23 vs. S23	S2-3 up	GO:0009715	Metabolism	Metabolism	chalcone biosynthetic process	P	AT5G13930
28341	5	L23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G50480
28342	5	L23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G04120
28343	5	L23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G63400
28344	5	L23 vs. S23	S2-3 up	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT5G42190
28345	5	L23 vs. S23	S2-3 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT5G37300
28346	5	L23 vs. S23	S2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G24530
28347	5	L23 vs. S23	S2-3 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT1G79690
28348	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G07090
28349	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G24260
28350	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G30330
28351	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G23760
28352	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G42200
28353	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G45190
28354	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G04120
28355	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G15270

28356	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G57080
28357	5	L23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G04560
28358	5	L23 vs. S23	S2-3 up	GO:0019104	Metabolism	Metabolism	DNA N-glycosylase activity	F	AT5G04560
28359	5	L23 vs. S23	S2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12710
28360	5	L23 vs. S23	S2-3 up	GO:0019348	Metabolism	Metabolism	dolichol metabolic process	P	AT1G74340
28361	5	L23 vs. S23	S2-3 up	GO:0004582	Metabolism	Metabolism	dolichyl-phosphate beta-D-mannosyltransferase activity	F	AT1G74340
28362	5	L23 vs. S23	S2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62350
28363	5	L23 vs. S23	S2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62360
28364	5	L23 vs. S23	S2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT3G10380
28365	5	L23 vs. S23	S2-3 up	GO:0004325	Metabolism	Metabolism	ferrochelatase activity	F	AT5G26030
28366	5	L23 vs. S23	S2-3 up	GO:0033759	Metabolism	Metabolism	flavone synthase activity	F	AT5G24530
28367	5	L23 vs. S23	S2-3 up	GO:0004329	Metabolism	Metabolism	formate-tetrahydrofolate ligase activity	F	AT1G50480
28368	5	L23 vs. S23	S2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G13770
28369	5	L23 vs. S23	S2-3 up	GO:0030775	Metabolism	Metabolism	glucuronoxylan 4-O-methyltransferase activity	F	AT1G27930
28370	5	L23 vs. S23	S2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT2G35370
28371	5	L23 vs. S23	S2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT2G35370
28372	5	L23 vs. S23	S2-3 up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT2G35370
28373	5	L23 vs. S23	S2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT1G74340
28374	5	L23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G07050
28375	5	L23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G17060
28376	5	L23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G13770
28377	5	L23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37320
28378	5	L23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39730
28379	5	L23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G69080
28380	5	L23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G80280
28381	5	L23 vs. S23	S2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G58430
28382	5	L23 vs. S23	S2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT5G65730
28383	5	L23 vs. S23	S2-3 up	GO:0102953	Metabolism	Metabolism	hypoglycin A gamma-glutamyl transpeptidase activity	F	AT4G39640
28384	5	L23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G69640
28385	5	L23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G19800
28386	5	L23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G13770
28387	5	L23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G37320
28388	5	L23 vs. S23	S2-3 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT3G44280
28389	5	L23 vs. S23	S2-3 up	GO:0103068	Metabolism	Metabolism	leukotriene C4 gamma-glutamyl transferase activity	F	AT4G39640
28390	5	L23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G21260
28391	5	L23 vs. S23	S2-3 up	GO:0009094	Metabolism	Metabolism	L-phenylalanine biosynthetic process	P	AT5G22630
28392	5	L23 vs. S23	S2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G24210
28393	5	L23 vs. S23	S2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT5G39160
28394	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27390
28395	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G52300
28396	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G79690
28397	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G31830
28398	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42200
28399	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45190
28400	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G15270
28401	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G19980
28402	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G21180
28403	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22550
28404	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G04840
28405	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24890
28406	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04560
28407	5	L23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24530
28408	5	L23 vs. S23	S2-3 up	GO:0004477	Metabolism	Metabolism	methenyltetrahydrofolate cyclohydrolase activity	F	AT1G50480

28409	5	L23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G27930
28410	5	L23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G66440
28411	5	L23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G20150
28412	5	L23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G62580
28413	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G01170
28414	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G02160
28415	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G02870
28416	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G15270
28417	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21930
28418	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G33810
28419	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G43760
28420	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47813
28421	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47970
28422	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G52910
28423	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G64405
28424	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G69700
28425	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G72020
28426	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80700
28427	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G03680
28428	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G04039
28429	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17240
28430	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20930
28431	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G24330
28432	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G26110
28433	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G34585
28434	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G34870
28435	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46540
28436	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G47930
28437	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03840
28438	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G44380
28439	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G46430
28440	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G56590
28441	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G04630
28442	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24930
28443	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28300
28444	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28660
28445	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G01430
28446	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G04080
28447	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G06630
28448	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G24570
28449	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G24890
28450	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25360
28451	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25570
28452	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G47020
28453	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G54970
28454	5	L23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G62170
28455	5	L23 vs. S23	S2-3 up	GO:0016099	Metabolism	Metabolism	monoterpenoid biosynthetic process	P	AT2G24210
28456	5	L23 vs. S23	S2-3 up	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT2G35620
28457	5	L23 vs. S23	S2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT2G35620
28458	5	L23 vs. S23	S2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT3G10380
28459	5	L23 vs. S23	S2-3 up	GO:0050551	Metabolism	Metabolism	myrcene synthase activity	F	AT2G24210
28460	5	L23 vs. S23	S2-3 up	GO:0016210	Metabolism	Metabolism	naringenin-chalcone synthase activity	F	AT5G13930
28461	5	L23 vs. S23	S2-3 up	GO:0016151	Metabolism	Metabolism	nickel cation binding	F	AT1G21840
28462	5	L23 vs. S23	S2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G68570

28463	5	L23 vs. S23	S2-3 up	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT3G16410
28464	5	L23 vs. S23	S2-3 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT1G21840
28465	5	L23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT2G26970
28466	5	L23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT3G02820
28467	5	L23 vs. S23	S2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G24780
28468	5	L23 vs. S23	S2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G39160
28469	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06350
28470	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G69640
28471	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G19800
28472	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G29980
28473	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G04120
28474	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G04840
28475	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G13770
28476	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37320
28477	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39730
28478	5	L23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24530
28479	5	L23 vs. S23	S2-3 up	GO:0000048	Metabolism	Metabolism	peptidyltransferase activity	F	AT4G39640
28480	5	L23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G05205
28481	5	L23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G20300
28482	5	L23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G63400
28483	5	L23 vs. S23	S2-3 up	GO:0016773	Metabolism	Metabolism	phosphotransferase activity, alcohol group as acceptor	F	AT3G54090
28484	5	L23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G08000
28485	5	L23 vs. S23	S2-3 up	GO:0090358	Metabolism	Metabolism	positive regulation of tryptophan metabolic process	P	AT1G75500
28486	5	L23 vs. S23	S2-3 up	GO:0004664	Metabolism	Metabolism	prephenate dehydratase activity	F	AT5G22630
28487	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G24260
28488	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G27930
28489	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G30330
28490	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G62360
28491	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G79690
28492	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G19830
28493	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G23760
28494	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31070
28495	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G35620
28496	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36620
28497	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40010
28498	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45190
28499	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G04120
28500	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G07050
28501	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G19980
28502	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26932
28503	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G27810
28504	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G47620
28505	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G54090
28506	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56150
28507	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57080
28508	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G05590
28509	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G08150
28510	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G15920
28511	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33040
28512	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G05440
28513	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13930
28514	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G37020
28515	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G41560
28516	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42190
28517	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G60910

28518	5	L23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG01130
28519	5	L23 vs. S23	S2-3 up	GO:0009113	Metabolism	Metabolism	purine nucleobase biosynthetic process	P	AT1G50480
28520	5	L23 vs. S23	S2-3 up	GO:0034785	Metabolism	Metabolism	salicylate 5-hydroxylase activity	F	AT5G24530
28521	5	L23 vs. S23	S2-3 up	GO:0046520	Metabolism	Metabolism	sphingoid biosynthetic process	P	AT1G69640
28522	5	L23 vs. S23	S2-3 up	GO:0000170	Metabolism	Metabolism	sphingosine hydroxylase activity	F	AT1G69640
28523	5	L23 vs. S23	S2-3 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT1G50480
28524	5	L23 vs. S23	S2-3 up	GO:0033014	Metabolism	Metabolism	tetrapyrrole biosynthetic process	P	AT5G26030
28525	5	L23 vs. S23	S2-3 up	GO:0010180	Metabolism	Metabolism	thioglucosidase binding	F	AT1G52030
28526	5	L23 vs. S23	S2-3 up	GO:0010169	Metabolism	Metabolism	thioglucosidase complex	C	AT1G52030
28527	5	L23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G36970
28528	5	L23 vs. S23	S2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT2G36970
28529	5	L23 vs. S23	S2-3 up	GO:0102701	Metabolism	Metabolism	tricyclene synthase activity	F	AT2G24210
28530	5	L23 vs. S23	S2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT5G37300
28531	5	L23 vs. S23	S2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT1G75500
28532	5	L23 vs. S23	S2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G36970
28533	5	L23 vs. S23	S2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT5G37300
28534	5	L23 vs. S23	S2-3 up	GO:0045492	Metabolism	Metabolism	xylan biosynthetic process	P	AT1G27930
28535	5	L23 vs. S23	S2-3 up	GO:0045491	Metabolism	Metabolism	xylan metabolic process	P	AT1G27930
28536	5	L23 vs. S23	S2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT4G08150
28537	5	L23 vs. S23	S2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT5G65730
28538	5	L23 vs. S23	S2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT5G65730
28539	5	L23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G14260
28540	5	L23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02820
28541	5	L23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G12140
28542	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G33810
28543	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G49750
28544	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50480
28545	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51940
28546	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58430
28547	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74340
28548	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G79050
28549	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01320
28550	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G04039
28551	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G07725
28552	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G10940
28553	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17240
28554	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20750
28555	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24210
28556	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26110
28557	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G29980
28558	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39730
28559	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44120
28560	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01670
28561	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04120
28562	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04920
28563	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G20150
28564	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26932
28565	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45030
28566	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G50770
28567	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G05590
28568	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13070
28569	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15920
28570	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24890
28571	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24930
28572	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G28660
28573	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05310

28574	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15760
28575	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22630
28576	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24780
28577	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25570
28578	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G26030
28579	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61790
28580	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00380
28581	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00790
28582	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00820
28583	5	L23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01130
28584	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G33810
28585	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G01320
28586	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G36830
28587	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G39730
28588	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00790
28589	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00820
28590	5	L23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG01130
28591	5	L23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	ATCG01130
28592	5	L23 vs. S23	S2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G26030
28593	5	L23 vs. S23	S2-3 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT3G54090
28594	5	L23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G54090
28595	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G79050
28596	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G39730
28597	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G28660
28598	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G22630
28599	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00380
28600	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00790
28601	5	L23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00820
28602	5	L23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G24930
28603	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G33810
28604	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G10940
28605	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G39730
28606	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45180
28607	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G28660
28608	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G39730
28609	5	L23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G26030
28610	5	L23 vs. S23	S2-3 up	GO:0006783	Metabolism	Photosynthesis	heme biosynthetic process	P	AT5G26030
28611	5	L23 vs. S23	S2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G28660
28612	5	L23 vs. S23	S2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT4G28660
28613	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G33810
28614	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G32470
28615	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15760
28616	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23900
28617	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G26030
28618	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27700
28619	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G28060
28620	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G42190
28621	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57290
28622	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G62350
28623	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63400
28624	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64130
28625	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00380
28626	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00790
28627	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00820
28628	5	L23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01130
28629	5	L23 vs. S23	S2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00790

28630	5	L23 vs. S23	S2-3 up	GO:0009547	Metabolism	Photosynthesis	plastid ribosome	C	ATCG00820
28631	5	L23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00380
28632	5	L23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00820
28633	5	L23 vs. S23	S2-3 up	GO:0042793	Metabolism	Photosynthesis	plastid transcription	P	AT3G54090
28634	5	L23 vs. S23	S2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G39730
28635	5	L23 vs. S23	S2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G39730
28636	5	L23 vs. S23	S2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	ATCG01130
28637	5	L23 vs. S23	S2-3 up	GO:0031540	Metabolism	Photosynthesis	regulation of anthocyanin biosynthetic process	P	AT5G13930
28638	5	L23 vs. S23	S2-3 up	GO:0046863	Metabolism	Photosynthesis	ribulose-1,5-bisphosphate carboxylase/oxygenase activator activity	F	AT2G39730
28639	5	L23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G04039
28640	5	L23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G35370
28641	5	L23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G39730
28642	5	L23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G24930
28643	5	L23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G28660
28644	5	L23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G39730
28645	5	L23 vs. S23	S2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G24930
28646	5	L23 vs. S23	S2-3 up	GO:0031897	Metabolism	Photosynthesis	Tic complex	C	ATCG01130
28647	5	L23 vs. S23	S2-3 up	GO:0015720	Metabolism	Transporters	allantoin transport	P	AT1G26440
28648	5	L23 vs. S23	S2-3 up	GO:0005274	Metabolism	Transporters	allantoin:proton symporter activity	F	AT1G26440
28649	5	L23 vs. S23	S2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G01320
28650	5	L23 vs. S23	S2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G21180
28651	5	L23 vs. S23	S2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G21180
28652	5	L23 vs. S23	S2-3 up	GO:0033231	Metabolism	Transporters	carbohydrate export	P	AT4G15920
28653	5	L23 vs. S23	S2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT2G48020
28654	5	L23 vs. S23	S2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT4G15920
28655	5	L23 vs. S23	S2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT2G48020
28656	5	L23 vs. S23	S2-3 up	GO:0035627	Metabolism	Transporters	ceramide transport	P	AT3G21260
28657	5	L23 vs. S23	S2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT2G20930
28658	5	L23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G27930
28659	5	L23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G62360
28660	5	L23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G27720
28661	5	L23 vs. S23	S2-3 up	GO:0015755	Metabolism	Transporters	fructose transmembrane transport	P	AT4G15920
28662	5	L23 vs. S23	S2-3 up	GO:0005353	Metabolism	Transporters	fructose transmembrane transporter activity	F	AT4G15920
28663	5	L23 vs. S23	S2-3 up	GO:0015284	Metabolism	Transporters	fructose uniporter activity	F	AT4G15920
28664	5	L23 vs. S23	S2-3 up	GO:0006893	Metabolism	Transporters	Golgi to plasma membrane transport	P	AT3G10380
28665	5	L23 vs. S23	S2-3 up	GO:0120009	Metabolism	Transporters	intermembrane lipid transfer	P	AT3G21260
28666	5	L23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G17060
28667	5	L23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G20150
28668	5	L23 vs. S23	S2-3 up	GO:0015098	Metabolism	Transporters	molybdate ion transmembrane transporter activity	F	AT4G27720
28669	5	L23 vs. S23	S2-3 up	GO:0015689	Metabolism	Transporters	molybdate ion transport	P	AT4G27720
28670	5	L23 vs. S23	S2-3 up	GO:0010360	Metabolism	Transporters	negative regulation of anion channel activity	P	AT4G05590
28671	5	L23 vs. S23	S2-3 up	GO:1901017	Metabolism	Transporters	negative regulation of potassium ion transmembrane transporter activity	P	AT4G05590
28672	5	L23 vs. S23	S2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G68570
28673	5	L23 vs. S23	S2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G68570
28674	5	L23 vs. S23	S2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G68570
28675	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G62360
28676	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69700
28677	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G02130
28678	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G10940
28679	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G20750
28680	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44120

28681	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G02080
28682	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G04840
28683	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G07050
28684	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09500
28685	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G10380
28686	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G12870
28687	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16410
28688	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39640
28689	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G02610
28690	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G08000
28691	5	L23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G61790
28692	5	L23 vs. S23	S2-3 up	GO:0015450	Metabolism	Transporters	P-P-bond-hydrolysis-driven protein transmembrane transporter activity	F	AT1G27390
28693	5	L23 vs. S23	S2-3 up	GO:0030150	Metabolism	Transporters	protein import into mitochondrial matrix	P	AT5G41685
28694	5	L23 vs. S23	S2-3 up	GO:0045040	Metabolism	Transporters	protein insertion into mitochondrial outer membrane	P	AT1G27390
28695	5	L23 vs. S23	S2-3 up	GO:0006626	Metabolism	Transporters	protein targeting to mitochondrion	P	AT1G27390
28696	5	L23 vs. S23	S2-3 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	ATCG01130
28697	5	L23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G19830
28698	5	L23 vs. S23	S2-3 up	GO:0050833	Metabolism	Transporters	pyruvate transmembrane transporter activity	F	AT4G05590
28699	5	L23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G10940
28700	5	L23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G44100
28701	5	L23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G39730
28702	5	L23 vs. S23	S2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT4G15920
28703	5	L23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G27930
28704	5	L23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G27720
28705	5	L23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G01320
28706	5	L23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G36830
28707	5	L23 vs. S23	S2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G75500
28708	5	L23 vs. S23	S2-3 up	GO:0015210	Metabolism	Transporters	uracil transmembrane transporter activity	F	AT1G26440
28709	5	L23 vs. S23	S2-3 up	GO:0015857	Metabolism	Transporters	uracil transport	P	AT1G26440
28710	5	L23 vs. S23	S2-3 up	GO:0015505	Metabolism	Transporters	uracil:cation symporter activity	F	AT1G26440
28711	5	L23 vs. S23	S2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT2G36830
28712	5	L23 vs. S23	S2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT2G36830
28713	5	L23 vs. S23	S2-3 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT2G19830
28714	5	L23 vs. S23	S2-3 up	GO:0006904	Metabolism	Transporters	vesicle docking involved in exocytosis	P	AT3G10380
28715	5	L23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT2G19830
28716	5	L23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G01430
28717	5	L23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G17060
28718	5	L23 vs. S23	S2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G36830
28719	5	L23 vs. S23	S2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT2G36830
28720	5	L23 vs. S23	S2-3 up	GO:0042907	Metabolism	Transporters	xanthine transmembrane transporter activity	F	AT1G26440
28721	5	L23 vs. S23	S2-3 up	GO:0042906	Metabolism	Transporters	xanthine transport	P	AT1G26440
28722	5	L23 vs. S23	S2-3 up	GO:0022883	Metabolism	Transporters	zinc efflux transmembrane transporter activity	F	AT2G48020
28723	5	L23 vs. S23	S2-3 up	GO:0006829	Metabolism	Transporters	zinc ion transport	P	AT2G48020
28724	5	L23 vs. S23	S2-3 up	GO:0033185	Regulation	Protein modification	dolichol-phosphate-mannose synthase complex	C	AT1G74340
28725	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G69640
28726	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G74340
28727	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G24330
28728	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G29980
28729	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G32220
28730	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34585
28731	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35370
28732	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36620
28733	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G39730
28734	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G13930

28735	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G37300
28736	5	L23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G61790
28737	5	L23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G06350
28738	5	L23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G69640
28739	5	L23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G29980
28740	5	L23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G13770
28741	5	L23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G37300
28742	5	L23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G61790
28743	5	L23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT1G74340
28744	5	L23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT2G39730
28745	5	L23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT3G16410
28746	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27930
28747	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G69640
28748	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G20930
28749	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39730
28750	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G40010
28751	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G27720
28752	5	L23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G17060
28753	5	L23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G27930
28754	5	L23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G27930
28755	5	L23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G66440
28756	5	L23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G17060
28757	5	L23 vs. S23	S2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT3G02070
28758	5	L23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G24260
28759	5	L23 vs. S23	S2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT4G33040
28760	5	L23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G61790
28761	5	L23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G74340
28762	5	L23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G62360
28763	5	L23 vs. S23	S2-3 up	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT4G15920
28764	5	L23 vs. S23	S2-3 up	GO:0006479	Regulation	Protein modification	protein methylation	P	AT1G27930
28765	5	L23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G01670
28766	5	L23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G54090
28767	5	L23 vs. S23	S2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT3G10380
28768	5	L23 vs. S23	S2-3 up	GO:0033743	Regulation	Protein modification	peptide-methionine (R)-S-oxide reductase activity	F	AT4G04840
28769	5	L23 vs. S23	S2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62350
28770	5	L23 vs. S23	S2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62360
28771	5	L23 vs. S23	S2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT3G19980
28772	5	L23 vs. S23	S2-3 up	GO:0035308	Regulation	Regulation	negative regulation of protein dephosphorylation	P	AT5G64130
28773	5	L23 vs. S23	S2-3 up	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT2G31070
28774	5	L23 vs. S23	S2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G60910
28775	5	L23 vs. S23	S2-3 up	GO:1905182	Regulation	Regulation	positive regulation of urease activity	P	AT1G21840
28776	5	L23 vs. S23	S2-3 up	GO:0045995	Regulation	Regulation	regulation of embryonic development	P	AT3G07050
28777	5	L23 vs. S23	S2-3 up	GO:0045604	Regulation	Regulation	regulation of epidermal cell differentiation	P	AT3G07050
28778	5	L23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT2G45190
28779	5	L23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT4G39730
28780	5	L23 vs. S23	S2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT2G45190
28781	5	L23 vs. S23	S2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT3G07050
28782	5	L23 vs. S23	S2-3 up	GO:2000025	Regulation	Regulation	regulation of leaf formation	P	AT2G42200
28783	5	L23 vs. S23	S2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G62360
28784	5	L23 vs. S23	S2-3 up	GO:2000032	Regulation	Regulation	regulation of secondary shoot formation	P	AT2G31070
28785	5	L23 vs. S23	S2-3 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT2G45190
28786	5	L23 vs. S23	S2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT2G31070
28787	5	L23 vs. S23	S2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT5G04560
28788	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G24260
28789	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G30330
28790	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G62360

28791	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G23760
28792	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G31070
28793	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42200
28794	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G45190
28795	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G15270
28796	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G17100
28797	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G47620
28798	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G08150
28799	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G06710
28800	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G28300
28801	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G37020
28802	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G60910
28803	5	L23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G65670
28804	5	L23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT3G57080
28805	5	L23 vs. S23	S2-3 up	GO:0070449	Regulation	Transcription	elongin complex	C	AT5G59140
28806	5	L23 vs. S23	S2-3 up	GO:0001158	Regulation	Transcription	enhancer sequence-specific DNA binding	F	AT5G28300
28807	5	L23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT3G07050
28808	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G02870
28809	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G36620
28810	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G44120
28811	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G04920
28812	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G07050
28813	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G09500
28814	5	L23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G22380
28815	5	L23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G24260
28816	5	L23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G60910
28817	5	L23 vs. S23	S2-3 up	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT5G59140
28818	5	L23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G28300
28819	5	L23 vs. S23	S2-3 up	GO:0006349	Regulation	Transcription	regulation of gene expression by genetic imprinting	P	AT5G04560
28820	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G30330
28821	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G62360
28822	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G23760
28823	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31070
28824	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G42200
28825	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G15270
28826	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G17100
28827	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G47620
28828	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G08150
28829	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G06710
28830	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G28300
28831	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G37020
28832	5	L23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G65670
28833	5	L23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G62360
28834	5	L23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G23930
28835	5	L23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G36620
28836	5	L23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G26932
28837	5	L23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G22380
28838	5	L23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G27130
28839	5	L23 vs. S23	S2-3 up	GO:0001054	Regulation	Transcription	RNA polymerase I activity	F	AT3G57080
28840	5	L23 vs. S23	S2-3 up	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT3G57080
28841	5	L23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G24260

28842	5	L23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT5G60910
28843	5	L23 vs. S23	S2-3 up	GO:0001056	Regulation	Transcription	RNA polymerase III activity	F	AT3G57080
28844	5	L23 vs. S23	S2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT3G57080
28845	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G24260
28846	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G62360
28847	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G31070
28848	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G27810
28849	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G47620
28850	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G08150
28851	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G37020
28852	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G60910
28853	5	L23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G65670
28854	5	L23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G24260
28855	5	L23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G24780
28856	5	L23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G60910
28857	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G24260
28858	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G17100
28859	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G47620
28860	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G06710
28861	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G37020
28862	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G60910
28863	5	L23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G65670
28864	5	L23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT3G56150
28865	5	L23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G27130
28866	5	L23 vs. S23	S2-3 up	GO:1902626	Regulation	Translation	assembly of large subunit precursor of preribosome	P	AT2G36620
28867	5	L23 vs. S23	S2-3 up	GO:0031428	Regulation	Translation	box C/D snoRNP complex	C	AT4G22380
28868	5	L23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G23930
28869	5	L23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G15270
28870	5	L23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT2G40010
28871	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G52300
28872	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G57860
28873	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G07725
28874	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G32220
28875	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G36620
28876	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G40010
28877	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G43460
28878	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G44120
28879	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G02190
28880	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G09500
28881	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G22230
28882	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT4G31985
28883	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G02610
28884	5	L23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G23900
28885	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G27390
28886	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G52300
28887	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G40010
28888	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G43460
28889	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G44120
28890	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G02080
28891	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G04840
28892	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G04920
28893	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G22230
28894	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G02610
28895	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G23900

28896	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G28060
28897	5	L23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G57290
28898	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G02080
28899	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G04840
28900	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G04920
28901	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G45030
28902	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G34555
28903	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G27700
28904	5	L23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G28060
28905	5	L23 vs. S23	S2-3 up	GO:0000447	Regulation	Translation	endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G27700
28906	5	L23 vs. S23	S2-3 up	GO:0000461	Regulation	Translation	endonucleolytic cleavage to generate mature 3'-end of SSU-rRNA from (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G27700
28907	5	L23 vs. S23	S2-3 up	GO:0071784	Regulation	Translation	endoplasmic reticulum cisternal network assembly	P	AT2G24330
28908	5	L23 vs. S23	S2-3 up	GO:0005852	Regulation	Translation	eukaryotic translation initiation factor 3 complex	C	AT3G56150
28909	5	L23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT4G35490
28910	5	L23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT2G40010
28911	5	L23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT4G35490
28912	5	L23 vs. S23	S2-3 up	GO:0000470	Regulation	Translation	maturation of LSU-rRNA	P	AT4G22380
28913	5	L23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G44120
28914	5	L23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G09500
28915	5	L23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G02610
28916	5	L23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	ATCG00790
28917	5	L23 vs. S23	S2-3 up	GO:0005763	Regulation	Translation	mitochondrial small ribosomal subunit	C	ATCG00820
28918	5	L23 vs. S23	S2-3 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	ATCG00790
28919	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G48110
28920	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G23930
28921	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G44120
28922	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G04840
28923	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G04920
28924	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G09500
28925	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G56150
28926	5	L23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G02610
28927	5	L23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT4G22380
28928	5	L23 vs. S23	S2-3 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	ATCG00380
28929	5	L23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT4G27130
28930	5	L23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G07725
28931	5	L23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G36620
28932	5	L23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G40010
28933	5	L23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT4G35490
28934	5	L23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT1G02870
28935	5	L23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G02080
28936	5	L23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	ATCG00820
28937	5	L23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT4G22380
28938	5	L23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G15760
28939	5	L23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G52300
28940	5	L23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT4G35490
28941	5	L23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00380
28942	5	L23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00790
28943	5	L23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00380

28944	5	L23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00820
28945	5	L23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT4G22380
28946	5	L23 vs. S23	S2-3 up	GO:0034719	Regulation	Translation	SMN-Sm protein complex	C	AT2G23930
28947	5	L23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT2G23930
28948	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G52300
28949	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G07725
28950	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G32220
28951	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G36620
28952	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G40010
28953	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G43460
28954	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G44120
28955	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G02080
28956	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G22230
28957	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G45030
28958	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G34555
28959	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G35490
28960	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G02610
28961	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G15760
28962	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G27700
28963	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00380
28964	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00790
28965	5	L23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00820
28966	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G52300
28967	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G57860
28968	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G32220
28969	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G36620
28970	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G02080
28971	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G02190
28972	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G04920
28973	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G09500
28974	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G22230
28975	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G31985
28976	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G35490
28977	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G02610
28978	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G15760
28979	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G23900
28980	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G27700
28981	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G28060
28982	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00380
28983	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00790
28984	5	L23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00820
28985	5	L23 vs. S23	S2-3 up	GO:0031369	Regulation	Translation	translation initiation factor binding	F	AT3G56150
28986	5	L23 vs. S23	S2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT5G57290
28987	5	L23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT3G56150
28988	5	L23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT4G27130
28989	5	L23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT2G23930
28990	5	L23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G23930
28991	5	L23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT2G23930
28992	5	L23 vs. S23	S2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G23930
28993	5	L23 vs. S23	S2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT2G23930
28994	5	L23 vs. S23	S2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT4G22380
28995	5	L23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT2G23930
28996	5	L23 vs. S23	S2-3 up	GO:0060321	Signaling and response	Signaling	acceptance of pollen	P	AT3G10380
28997	5	L23 vs. S23	S2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G24890
28998	5	L23 vs. S23	S2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT5G24780
28999	5	L23 vs. S23	S2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT1G75500

29000	5	L23 vs. S23	S2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G75500
29001	5	L23 vs. S23	S2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT5G13930
29002	5	L23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G30330
29003	5	L23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G75500
29004	5	L23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G37020
29005	5	L23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G42190
29006	5	L23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G65670
29007	5	L23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G50770
29008	5	L23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G61790
29009	5	L23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G21180
29010	5	L23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G56880
29011	5	L23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G28300
29012	5	L23 vs. S23	S2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT4G15920
29013	5	L23 vs. S23	S2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G07180
29014	5	L23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G15920
29015	5	L23 vs. S23	S2-3 up	GO:0009691	Signaling and response	Signaling	cytokinin biosynthetic process	P	AT1G62360
29016	5	L23 vs. S23	S2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT2G31830
29017	5	L23 vs. S23	S2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT4G24890
29018	5	L23 vs. S23	S2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G24780
29019	5	L23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G36830
29020	5	L23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT3G27810
29021	5	L23 vs. S23	S2-3 up	GO:0046855	Signaling and response	Signaling	inositol phosphate dephosphorylation	P	AT2G31830
29022	5	L23 vs. S23	S2-3 up	GO:0032366	Signaling and response	Signaling	intracellular sterol transport	P	AT3G44100
29023	5	L23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G27810
29024	5	L23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G05205
29025	5	L23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G51940
29026	5	L23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G53440
29027	5	L23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G35620
29028	5	L23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G20300
29029	5	L23 vs. S23	S2-3 up	GO:0046856	Signaling and response	Signaling	phosphatidylinositol dephosphorylation	P	AT2G31830
29030	5	L23 vs. S23	S2-3 up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT5G58700
29031	5	L23 vs. S23	S2-3 up	GO:0034485	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase activity	F	AT2G31830
29032	5	L23 vs. S23	S2-3 up	GO:0004439	Signaling and response	Signaling	phosphatidylinositol-4,5-bisphosphate 5-phosphatase activity	F	AT2G31830
29033	5	L23 vs. S23	S2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT3G19980
29034	5	L23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT1G69640
29035	5	L23 vs. S23	S2-3 up	GO:0090355	Signaling and response	Signaling	positive regulation of auxin metabolic process	P	AT1G75500
29036	5	L23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G53440
29037	5	L23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G35620
29038	5	L23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G05150
29039	5	L23 vs. S23	S2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G19980
29040	5	L23 vs. S23	S2-3 up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT5G05440
29041	5	L23 vs. S23	S2-3 up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT5G64130
29042	5	L23 vs. S23	S2-3 up	GO:0000159	Signaling and response	Signaling	protein phosphatase type 2A complex	C	AT3G19980
29043	5	L23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G53440
29044	5	L23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G35620
29045	5	L23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G19980
29046	5	L23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G05150
29047	5	L23 vs. S23	S2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT3G27810
29048	5	L23 vs. S23	S2-3 up	GO:0080163	Signaling and response	Signaling	regulation of protein serine/threonine phosphatase activity	P	AT5G05440
29049	5	L23 vs. S23	S2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT3G47620
29050	5	L23 vs. S23	S2-3 up	GO:0010321	Signaling and response	Signaling	regulation of vegetative phase change	P	AT3G15270
29051	5	L23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G30330
29052	5	L23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G03840

29053	5	L23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G13930
29054	5	L23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G37020
29055	5	L23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G65670
29056	5	L23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G24530
29057	5	L23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G50480
29058	5	L23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G04120
29059	5	L23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G63400
29060	5	L23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT3G47620
29061	5	L23 vs. S23	S2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT4G15920
29062	5	L23 vs. S23	S2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT3G47620
29063	5	L23 vs. S23	S2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT3G22550
29064	5	L23 vs. S23	S2-3 up	GO:0009629	Signaling and response	Signaling	response to gravity	P	AT5G13930
29065	5	L23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G24210
29066	5	L23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39730
29067	5	L23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G27810
29068	5	L23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G13930
29069	5	L23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G24780
29070	5	L23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G29980
29071	5	L23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G47930
29072	5	L23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G07090
29073	5	L23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G39730
29074	5	L23 vs. S23	S2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G24530
29075	5	L23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G04120
29076	5	L23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G22550
29077	5	L23 vs. S23	S2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT4G13770
29078	5	L23 vs. S23	S2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT5G05440
29079	5	L23 vs. S23	S2-3 up	GO:0032934	Signaling and response	Signaling	sterol binding	F	AT3G44100
29080	5	L23 vs. S23	S2-3 up	GO:0015918	Signaling and response	Signaling	sterol transport	P	AT3G44100
29081	5	L23 vs. S23	S2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT5G08000
29082	5	L23 vs. S23	S2-3 up	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT5G05440
29083	5	L23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G51940
29084	5	L23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G05440
29085	5	L23 vs. S23	S2-3 up	GO:0004096	Signaling and response	Stress	catalase activity	F	AT4G39730
29086	5	L23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G33040
29087	5	L23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT1G79050
29088	5	L23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT3G02820
29089	5	L23 vs. S23	S2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT4G15920
29090	5	L23 vs. S23	S2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G03680
29091	5	L23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G51940
29092	5	L23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G52030
29093	5	L23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G75500
29094	5	L23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02100
29095	5	L23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02130
29096	5	L23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G24780
29097	5	L23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39730
29098	5	L23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G24530
29099	5	L23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G51940
29100	5	L23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02100
29101	5	L23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02130
29102	5	L23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G30650
29103	5	L23 vs. S23	S2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G24530
29104	5	L23 vs. S23	S2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT5G61790
29105	5	L23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G42190
29106	5	L23 vs. S23	S2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G13930
29107	5	L23 vs. S23	S2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G24530
29108	5	L23 vs. S23	S2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G68570

29109	5	L23 vs. S23	S2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT3G03190
29110	5	L23 vs. S23	S2-3 up	GO:0016756	Signaling and response	Stress	glutathione gamma-glutamylcysteinyltransferase activity	F	AT4G39640
29111	5	L23 vs. S23	S2-3 up	GO:0036374	Signaling and response	Stress	glutathione hydrolase activity	F	AT4G39640
29112	5	L23 vs. S23	S2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G03190
29113	5	L23 vs. S23	S2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT3G03190
29114	5	L23 vs. S23	S2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT2G36830
29115	5	L23 vs. S23	S2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G69700
29116	5	L23 vs. S23	S2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT1G51940
29117	5	L23 vs. S23	S2-3 up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT2G19800
29118	5	L23 vs. S23	S2-3 up	GO:0052658	Signaling and response	Stress	inositol-1,4,5-trisphosphate 5-phosphatase activity	F	AT2G31830
29119	5	L23 vs. S23	S2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02100
29120	5	L23 vs. S23	S2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02130
29121	5	L23 vs. S23	S2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT2G19800
29122	5	L23 vs. S23	S2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT5G41560
29123	5	L23 vs. S23	S2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT1G51940
29124	5	L23 vs. S23	S2-3 up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT5G58700
29125	5	L23 vs. S23	S2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT1G51940
29126	5	L23 vs. S23	S2-3 up	GO:0030091	Signaling and response	Stress	protein repair	P	AT4G04840
29127	5	L23 vs. S23	S2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT3G47620
29128	5	L23 vs. S23	S2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT4G05590
29129	5	L23 vs. S23	S2-3 up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT5G58700
29130	5	L23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G51940
29131	5	L23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G69700
29132	5	L23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G26110
29133	5	L23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G47620
29134	5	L23 vs. S23	S2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT4G15920
29135	5	L23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G39730
29136	5	L23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G39730
29137	5	L23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G65670
29138	5	L23 vs. S23	S2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT3G44380
29139	5	L23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G24530
29140	5	L23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G04120
29141	5	L23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G08000
29142	5	L23 vs. S23	S2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT2G24210
29143	5	L23 vs. S23	S2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G04120
29144	5	L23 vs. S23	S2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G13770
29145	5	L23 vs. S23	S2-3 up	GO:0002239	Signaling and response	Stress	response to oomycetes	P	AT5G24530
29146	5	L23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G03190
29147	5	L23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G04120
29148	5	L23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G04840
29149	5	L23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G39640
29150	5	L23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G13930
29151	5	L23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G26030
29152	5	L23 vs. S23	S2-3 up	GO:0051775	Signaling and response	Stress	response to redox state	P	AT3G04120
29153	5	L23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G36830
29154	5	L23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G56880
29155	5	L23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G39730
29156	5	L23 vs. S23	S2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT3G22550
29157	5	L23 vs. S23	S2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G13930
29158	5	L23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G69700
29159	5	L23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G56880
29160	5	L23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G39730
29161	5	L23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65730

29162	5	L23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G52030
29163	5	L23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G24210
29164	5	L23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G24350
29165	5	L23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G13930
29166	5	L23 vs. S23	S2-3 up	GO:0004843	Signaling and response	Stress	thiol-dependent ubiquitin-specific protease activity	F	AT3G02070
29167	5	L23 vs. S23	S2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT3G03190
29168	5	L23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G61790
29169	5	L23 vs. S23	S2-3 up	GO:0016032	Signaling and response	Stress	viral process	P	AT5G42190
29170	6	M23 vs. S23	M2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT1G07500
29171	6	M23 vs. S23	M2-3 up	GO:0000077	Development	Cell division	DNA damage checkpoint	P	AT5G40820
29172	6	M23 vs. S23	M2-3 up	GO:0030337	Development	Cell division	DNA polymerase processivity factor activity	F	AT1G07370
29173	6	M23 vs. S23	M2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G40820
29174	6	M23 vs. S23	M2-3 up	GO:0006303	Development	Cell division	double-strand break repair via nonhomologous end joining	P	AT5G40820
29175	6	M23 vs. S23	M2-3 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT1G11290
29176	6	M23 vs. S23	M2-3 up	GO:0006272	Development	Cell division	leading strand elongation	P	AT1G07370
29177	6	M23 vs. S23	M2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G40820
29178	6	M23 vs. S23	M2-3 up	GO:0006298	Development	Cell division	mismatch repair	P	AT1G07370
29179	6	M23 vs. S23	M2-3 up	GO:0032504	Development	Cell division	multicellular organism reproduction	P	AT5G40820
29180	6	M23 vs. S23	M2-3 up	GO:0045786	Development	Cell division	negative regulation of cell cycle	P	AT1G07500
29181	6	M23 vs. S23	M2-3 up	GO:0045839	Development	Cell division	negative regulation of mitotic nuclear division	P	AT1G07500
29182	6	M23 vs. S23	M2-3 up	GO:0017110	Development	Cell division	nucleoside-diphosphatase activity	F	AT4G12720
29183	6	M23 vs. S23	M2-3 up	GO:0043626	Development	Cell division	PCNA complex	C	AT1G07370
29184	6	M23 vs. S23	M2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT1G29760
29185	6	M23 vs. S23	M2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT1G07370
29186	6	M23 vs. S23	M2-3 up	GO:0033044	Development	Cell division	regulation of chromosome organization	P	AT5G40820
29187	6	M23 vs. S23	M2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT1G07500
29188	6	M23 vs. S23	M2-3 up	GO:0006282	Development	Cell division	regulation of DNA repair	P	AT5G40820
29189	6	M23 vs. S23	M2-3 up	GO:0006275	Development	Cell division	regulation of DNA replication	P	AT1G07370
29190	6	M23 vs. S23	M2-3 up	GO:0080155	Development	Cell division	regulation of double fertilization forming a zygote and endosperm	P	AT1G29760
29191	6	M23 vs. S23	M2-3 up	GO:0032204	Development	Cell division	regulation of telomere maintenance	P	AT5G40820
29192	6	M23 vs. S23	M2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G67250
29193	6	M23 vs. S23	M2-3 up	GO:0000723	Development	Cell division	telomere maintenance	P	AT5G40820
29194	6	M23 vs. S23	M2-3 up	GO:0007004	Development	Cell division	telomere maintenance via telomerase	P	AT5G40820
29195	6	M23 vs. S23	M2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G23740
29196	6	M23 vs. S23	M2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G78370
29197	6	M23 vs. S23	M2-3 up	GO:0005901	Development	Development	caveola	C	AT5G64870
29198	6	M23 vs. S23	M2-3 up	GO:0009504	Development	Development	cell plate	C	AT3G46830
29199	6	M23 vs. S23	M2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G12580
29200	6	M23 vs. S23	M2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G16510
29201	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01050
29202	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G07370
29203	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12230
29204	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G54650
29205	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78370
29206	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35840
29207	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39840
29208	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12580
29209	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G13580
29210	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16050
29211	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G47940
29212	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G11100
29213	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G12720
29214	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25970
29215	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G27890

29216	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G34230
29217	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20700
29218	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24760
29219	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G53120
29220	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64870
29221	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67150
29222	6	M23 vs. S23	M2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67250
29223	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G01050
29224	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G07370
29225	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G52340
29226	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78370
29227	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16500
29228	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G26740
29229	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35840
29230	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12580
29231	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13580
29232	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16050
29233	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46830
29234	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G47940
29235	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54250
29236	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G57020
29237	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04020
29238	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G12720
29239	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13670
29240	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15210
29241	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G25890
29242	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G25970
29243	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G32320
29244	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34230
29245	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G16510
29246	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G24760
29247	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G42250
29248	6	M23 vs. S23	M2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G67150
29249	6	M23 vs. S23	M2-3 up	GO:0032502	Development	Development	developmental process	P	AT4G27890
29250	6	M23 vs. S23	M2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G02590
29251	6	M23 vs. S23	M2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G08050
29252	6	M23 vs. S23	M2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12230
29253	6	M23 vs. S23	M2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G41290
29254	6	M23 vs. S23	M2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52780
29255	6	M23 vs. S23	M2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G15210
29256	6	M23 vs. S23	M2-3 up	GO:0000137	Development	Development	Golgi cis cisterna	C	AT2G47320
29257	6	M23 vs. S23	M2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT4G34960
29258	6	M23 vs. S23	M2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G29760
29259	6	M23 vs. S23	M2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT4G04860
29260	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21070
29261	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01720
29262	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G07674
29263	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G45590
29264	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22840
29265	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50685
29266	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G04500
29267	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G35460
29268	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53130

29269	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00140
29270	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00560
29271	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00680
29272	6	M23 vs. S23	M2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00410
29273	6	M23 vs. S23	M2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G16480
29274	6	M23 vs. S23	M2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G64500
29275	6	M23 vs. S23	M2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT5G64500
29276	6	M23 vs. S23	M2-3 up	GO:0005765	Development	Development	lysosomal membrane	C	AT5G64500
29277	6	M23 vs. S23	M2-3 up	GO:0016020	Development	Development	membrane	C	AT1G47290
29278	6	M23 vs. S23	M2-3 up	GO:0016020	Development	Development	membrane	C	AT4G30600
29279	6	M23 vs. S23	M2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G02590
29280	6	M23 vs. S23	M2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G27890
29281	6	M23 vs. S23	M2-3 up	GO:0009295	Development	Development	nucleoid	C	AT4G13670
29282	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01050
29283	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07370
29284	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07500
29285	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G12200
29286	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23740
29287	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29760
29288	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G52340
29289	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75510
29290	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75710
29291	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78370
29292	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G16650
29293	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26740
29294	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35840
29295	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39840
29296	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45590
29297	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47320
29298	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12580
29299	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21175
29300	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21270
29301	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G49810
29302	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54250
29303	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02590
29304	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G04020
29305	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12720
29306	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25890
29307	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20700
29308	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G35460
29309	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40820
29310	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G50230
29311	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53120
29312	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53130
29313	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54930
29314	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G58003
29315	6	M23 vs. S23	M2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67250
29316	6	M23 vs. S23	M2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G01720
29317	6	M23 vs. S23	M2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G16510
29318	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G08050
29319	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G21070
29320	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01720
29321	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G45590
29322	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12580
29323	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G46830
29324	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G12720

29325	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G16480
29326	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25890
29327	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10730
29328	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53130
29329	6	M23 vs. S23	M2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64870
29330	6	M23 vs. S23	M2-3 up	GO:0048316	Development	Development	seed development	P	AT2G16500
29331	6	M23 vs. S23	M2-3 up	GO:0010162	Development	Development	seed dormancy process	P	AT1G29760
29332	6	M23 vs. S23	M2-3 up	GO:0009845	Development	Development	seed germination	P	AT4G32320
29333	6	M23 vs. S23	M2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G04500
29334	6	M23 vs. S23	M2-3 up	GO:0010431	Development	Development	seed maturation	P	AT4G32320
29335	6	M23 vs. S23	M2-3 up	GO:0010319	Development	Development	stromule	C	AT1G23740
29336	6	M23 vs. S23	M2-3 up	GO:0010319	Development	Development	stromule	C	AT4G04020
29337	6	M23 vs. S23	M2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G01720
29338	6	M23 vs. S23	M2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G12580
29339	6	M23 vs. S23	M2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G41290
29340	6	M23 vs. S23	M2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57020
29341	6	M23 vs. S23	M2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G64870
29342	6	M23 vs. S23	M2-3 up	GO:0035798	Metabolism	Bioenergetics	2-alkenal reductase (NADP+) activity	F	AT1G23740
29343	6	M23 vs. S23	M2-3 up	GO:0080042	Metabolism	Bioenergetics	ADP-glucose pyrophosphohydrolase activity	F	AT4G12720
29344	6	M23 vs. S23	M2-3 up	GO:0047631	Metabolism	Bioenergetics	ADP-ribose diphosphatase activity	F	AT4G12720
29345	6	M23 vs. S23	M2-3 up	GO:0080041	Metabolism	Bioenergetics	ADP-ribose pyrophosphohydrolase activity	F	AT4G12720
29346	6	M23 vs. S23	M2-3 up	GO:0004022	Metabolism	Bioenergetics	alcohol dehydrogenase (NAD+) activity	F	AT1G52340
29347	6	M23 vs. S23	M2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATCG00140
29348	6	M23 vs. S23	M2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATMG00410
29349	6	M23 vs. S23	M2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G12580
29350	6	M23 vs. S23	M2-3 up	GO:0042623	Metabolism	Bioenergetics	ATPase activity, coupled	F	AT3G12580
29351	6	M23 vs. S23	M2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT4G15210
29352	6	M23 vs. S23	M2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G12230
29353	6	M23 vs. S23	M2-3 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	ATMG00410
29354	6	M23 vs. S23	M2-3 up	GO:0008891	Metabolism	Bioenergetics	glycolate oxidase activity	F	AT4G18360
29355	6	M23 vs. S23	M2-3 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT4G18360
29356	6	M23 vs. S23	M2-3 up	GO:0042776	Metabolism	Bioenergetics	mitochondrial ATP synthesis coupled proton transport	P	ATMG00410
29357	6	M23 vs. S23	M2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	ATMG00410
29358	6	M23 vs. S23	M2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	ATMG00410
29359	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75510
29360	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78370
29361	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01720
29362	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07674
29363	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07708
29364	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G45930
29365	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47320
29366	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G12580
29367	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G50685
29368	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64500
29369	6	M23 vs. S23	M2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00410
29370	6	M23 vs. S23	M2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT4G12720
29371	6	M23 vs. S23	M2-3 up	GO:0000210	Metabolism	Bioenergetics	NAD+ diphosphatase activity	F	AT4G12720
29372	6	M23 vs. S23	M2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT5G10730
29373	6	M23 vs. S23	M2-3 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G12720
29374	6	M23 vs. S23	M2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G12200
29375	6	M23 vs. S23	M2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G47290
29376	6	M23 vs. S23	M2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G47290

29377	6	M23 vs. S23	M2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G34230
29378	6	M23 vs. S23	M2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT1G12230
29379	6	M23 vs. S23	M2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATCG00140
29380	6	M23 vs. S23	M2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATMG00410
29381	6	M23 vs. S23	M2-3 up	GO:0045259	Metabolism	Bioenergetics	proton-transporting ATP synthase complex	C	ATMG00410
29382	6	M23 vs. S23	M2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATCG00140
29383	6	M23 vs. S23	M2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATMG00410
29384	6	M23 vs. S23	M2-3 up	GO:0010581	Metabolism	Bioenergetics	regulation of starch biosynthetic process	P	AT4G12720
29385	6	M23 vs. S23	M2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT4G15210
29386	6	M23 vs. S23	M2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT2G35840
29387	6	M23 vs. S23	M2-3 up	GO:1901006	Metabolism	Bioenergetics	ubiquinone-6 biosynthetic process	P	AT5G10730
29388	6	M23 vs. S23	M2-3 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT4G18360
29389	6	M23 vs. S23	M2-3 up	GO:0006527	Metabolism	Catabolism	arginine catabolic process	P	AT2G16500
29390	6	M23 vs. S23	M2-3 up	GO:0000045	Metabolism	Catabolism	autophagosome assembly	P	AT5G50230
29391	6	M23 vs. S23	M2-3 up	GO:0000421	Metabolism	Catabolism	autophagosome membrane	C	AT5G50230
29392	6	M23 vs. S23	M2-3 up	GO:0046294	Metabolism	Catabolism	formaldehyde catabolic process	P	AT5G24760
29393	6	M23 vs. S23	M2-3 up	GO:0046294	Metabolism	Catabolism	formaldehyde catabolic process	P	AT5G42250
29394	6	M23 vs. S23	M2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT2G39220
29395	6	M23 vs. S23	M2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT4G32320
29396	6	M23 vs. S23	M2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26740
29397	6	M23 vs. S23	M2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G18360
29398	6	M23 vs. S23	M2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G12580
29399	6	M23 vs. S23	M2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G49810
29400	6	M23 vs. S23	M2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G67250
29401	6	M23 vs. S23	M2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G67250
29402	6	M23 vs. S23	M2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G49810
29403	6	M23 vs. S23	M2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT3G12580
29404	6	M23 vs. S23	M2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G43190
29405	6	M23 vs. S23	M2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G67250
29406	6	M23 vs. S23	M2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G67250
29407	6	M23 vs. S23	M2-3 up	GO:1990381	Metabolism	Catabolism	ubiquitin-specific protease binding	F	AT4G04860
29408	6	M23 vs. S23	M2-3 up	GO:0044715	Metabolism	Metabolism	8-oxo-dGDP phosphatase activity	F	AT5G19460
29409	6	M23 vs. S23	M2-3 up	GO:0004024	Metabolism	Metabolism	alcohol dehydrogenase activity, zinc-dependent	F	AT5G24760
29410	6	M23 vs. S23	M2-3 up	GO:0004024	Metabolism	Metabolism	alcohol dehydrogenase activity, zinc-dependent	F	AT5G42250
29411	6	M23 vs. S23	M2-3 up	GO:0016843	Metabolism	Metabolism	amine-lyase activity	F	AT3G16050
29412	6	M23 vs. S23	M2-3 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT4G15210
29413	6	M23 vs. S23	M2-3 up	GO:0008792	Metabolism	Metabolism	arginine decarboxylase activity	F	AT2G16500
29414	6	M23 vs. S23	M2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G45590
29415	6	M23 vs. S23	M2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12580
29416	6	M23 vs. S23	M2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G40820
29417	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G07674
29418	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G07708
29419	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G45930
29420	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G48060
29421	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G06150
29422	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50685
29423	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G11100
29424	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G54930
29425	6	M23 vs. S23	M2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64870
29426	6	M23 vs. S23	M2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT2G41290

29427	6	M23 vs. S23	M2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G57020
29428	6	M23 vs. S23	M2-3 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G53130
29429	6	M23 vs. S23	M2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT3G16050
29430	6	M23 vs. S23	M2-3 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G53130
29431	6	M23 vs. S23	M2-3 up	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT4G34230
29432	6	M23 vs. S23	M2-3 up	GO:0033961	Metabolism	Metabolism	cis-stilbene-oxide hydrolase activity	F	AT2G26740
29433	6	M23 vs. S23	M2-3 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT4G34960
29434	6	M23 vs. S23	M2-3 up	GO:0004163	Metabolism	Metabolism	diphosphomevalonate decarboxylase activity	F	AT3G54250
29435	6	M23 vs. S23	M2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G07370
29436	6	M23 vs. S23	M2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G02590
29437	6	M23 vs. S23	M2-3 up	GO:0004579	Metabolism	Metabolism	dolichyl-diphosphooligosaccharide-protein glycotransferase activity	F	AT2G01720
29438	6	M23 vs. S23	M2-3 up	GO:0035671	Metabolism	Metabolism	enone reductase activity	F	AT1G23740
29439	6	M23 vs. S23	M2-3 up	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT1G78370
29440	6	M23 vs. S23	M2-3 up	GO:0004301	Metabolism	Metabolism	epoxide hydrolase activity	F	AT2G26740
29441	6	M23 vs. S23	M2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G12200
29442	6	M23 vs. S23	M2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT4G18360
29443	6	M23 vs. S23	M2-3 up	GO:0004359	Metabolism	Metabolism	glutaminase activity	F	AT3G16050
29444	6	M23 vs. S23	M2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G46830
29445	6	M23 vs. S23	M2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G30600
29446	6	M23 vs. S23	M2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G46830
29447	6	M23 vs. S23	M2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G30600
29448	6	M23 vs. S23	M2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G32320
29449	6	M23 vs. S23	M2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G39220
29450	6	M23 vs. S23	M2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT1G01050
29451	6	M23 vs. S23	M2-3 up	GO:0005242	Metabolism	Metabolism	inward rectifier potassium channel activity	F	AT5G53130
29452	6	M23 vs. S23	M2-3 up	GO:0019287	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, mevalonate pathway	P	AT3G54250
29453	6	M23 vs. S23	M2-3 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT4G18360
29454	6	M23 vs. S23	M2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G34230
29455	6	M23 vs. S23	M2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	ATCG00140
29456	6	M23 vs. S23	M2-3 up	GO:0140042	Metabolism	Metabolism	lipid droplet formation	P	AT1G29760
29457	6	M23 vs. S23	M2-3 up	GO:0034389	Metabolism	Metabolism	lipid droplet organization	P	AT1G29760
29458	6	M23 vs. S23	M2-3 up	GO:0030259	Metabolism	Metabolism	lipid glycosylation	P	AT5G04500
29459	6	M23 vs. S23	M2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT1G01050
29460	6	M23 vs. S23	M2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT1G29760
29461	6	M23 vs. S23	M2-3 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT4G18360
29462	6	M23 vs. S23	M2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G01050
29463	6	M23 vs. S23	M2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G35840
29464	6	M23 vs. S23	M2-3 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT4G18360
29465	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G16650
29466	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G39840
29467	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G52780
29468	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G12720
29469	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G13670
29470	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32320
29471	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04500
29472	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G19460
29473	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G20700
29474	6	M23 vs. S23	M2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G58003
29475	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G29760
29476	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G07674
29477	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G07708
29478	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G45930
29479	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G06150
29480	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50685

29481	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G57990
29482	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G11100
29483	6	M23 vs. S23	M2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G64870
29484	6	M23 vs. S23	M2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT1G21070
29485	6	M23 vs. S23	M2-3 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G12200
29486	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G12200
29487	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G23740
29488	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G47290
29489	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G52340
29490	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G32320
29491	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G34230
29492	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24760
29493	6	M23 vs. S23	M2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42250
29494	6	M23 vs. S23	M2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT1G01050
29495	6	M23 vs. S23	M2-3 up	GO:0006656	Metabolism	Metabolism	phosphatidylcholine biosynthetic process	P	AT5G35460
29496	6	M23 vs. S23	M2-3 up	GO:0006646	Metabolism	Metabolism	phosphatidylethanolamine biosynthetic process	P	AT4G25970
29497	6	M23 vs. S23	M2-3 up	GO:0004609	Metabolism	Metabolism	phosphatidylserine decarboxylase activity	F	AT4G25970
29498	6	M23 vs. S23	M2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT2G16500
29499	6	M23 vs. S23	M2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT5G53120
29500	6	M23 vs. S23	M2-3 up	GO:0006561	Metabolism	Metabolism	proline biosynthetic process	P	AT1G52340
29501	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07370
29502	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07500
29503	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G01720
29504	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G16500
29505	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G39840
29506	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16050
29507	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G21175
29508	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G04020
29509	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G12720
29510	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13670
29511	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16510
29512	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G53120
29513	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67250
29514	6	M23 vs. S23	M2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00680
29515	6	M23 vs. S23	M2-3 up	GO:0008022	Metabolism	Metabolism	protein C-terminus binding	F	AT5G58003
29516	6	M23 vs. S23	M2-3 up	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT2G16500
29517	6	M23 vs. S23	M2-3 up	GO:0042823	Metabolism	Metabolism	pyridoxal phosphate biosynthetic process	P	AT3G16050
29518	6	M23 vs. S23	M2-3 up	GO:0008615	Metabolism	Metabolism	pyridoxine biosynthetic process	P	AT3G16050
29519	6	M23 vs. S23	M2-3 up	GO:0004801	Metabolism	Metabolism	sedoheptulose-7-phosphate:D-glyceraldehyde-3-phosphate glyceronetransferase activity	F	AT1G12230
29520	6	M23 vs. S23	M2-3 up	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT4G34230
29521	6	M23 vs. S23	M2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT2G16500
29522	6	M23 vs. S23	M2-3 up	GO:0004766	Metabolism	Metabolism	spermidine synthase activity	F	AT5G53120
29523	6	M23 vs. S23	M2-3 up	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT5G53120
29524	6	M23 vs. S23	M2-3 up	GO:0016768	Metabolism	Metabolism	spermine synthase activity	F	AT5G53120
29525	6	M23 vs. S23	M2-3 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT2G35840
29526	6	M23 vs. S23	M2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT5G67150
29527	6	M23 vs. S23	M2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G04500
29528	6	M23 vs. S23	M2-3 up	GO:0019985	Metabolism	Metabolism	translesion synthesis	P	AT1G07370
29529	6	M23 vs. S23	M2-3 up	GO:0052691	Metabolism	Metabolism	UDP-arabinopyranose mutase activity	F	AT5G16510
29530	6	M23 vs. S23	M2-3 up	GO:0033356	Metabolism	Metabolism	UDP-L-arabinose metabolic process	P	AT5G16510
29531	6	M23 vs. S23	M2-3 up	GO:0010301	Metabolism	Metabolism	xanthoxin dehydrogenase activity	F	AT1G52340
29532	6	M23 vs. S23	M2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G11290

29533	6	M23 vs. S23	M2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G12230
29534	6	M23 vs. S23	M2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G23740
29535	6	M23 vs. S23	M2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G34230
29536	6	M23 vs. S23	M2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G24760
29537	6	M23 vs. S23	M2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G42250
29538	6	M23 vs. S23	M2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00680
29539	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11290
29540	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12230
29541	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23740
29542	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78370
29543	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G16500
29544	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G16650
29545	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G48060
29546	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G12580
29547	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22840
29548	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57020
29549	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G04020
29550	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13670
29551	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32320
29552	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34960
29553	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19460
29554	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24760
29555	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42250
29556	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00140
29557	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00560
29558	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00590
29559	6	M23 vs. S23	M2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00680
29560	6	M23 vs. S23	M2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G12230
29561	6	M23 vs. S23	M2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G23740
29562	6	M23 vs. S23	M2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G13670
29563	6	M23 vs. S23	M2-3 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT4G13670
29564	6	M23 vs. S23	M2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT4G13670
29565	6	M23 vs. S23	M2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G12230
29566	6	M23 vs. S23	M2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G23740
29567	6	M23 vs. S23	M2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G04020
29568	6	M23 vs. S23	M2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G04020
29569	6	M23 vs. S23	M2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G13670
29570	6	M23 vs. S23	M2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00140
29571	6	M23 vs. S23	M2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00560
29572	6	M23 vs. S23	M2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00680
29573	6	M23 vs. S23	M2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G22840
29574	6	M23 vs. S23	M2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G04020
29575	6	M23 vs. S23	M2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G13670
29576	6	M23 vs. S23	M2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00140
29577	6	M23 vs. S23	M2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00560
29578	6	M23 vs. S23	M2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00680
29579	6	M23 vs. S23	M2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00680
29580	6	M23 vs. S23	M2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT4G18360
29581	6	M23 vs. S23	M2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G22840
29582	6	M23 vs. S23	M2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00680
29583	6	M23 vs. S23	M2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00680
29584	6	M23 vs. S23	M2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G22840
29585	6	M23 vs. S23	M2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G22840
29586	6	M23 vs. S23	M2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00680

29587	6	M23 vs. S23	M2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	ATCG00680
29588	6	M23 vs. S23	M2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00560
29589	6	M23 vs. S23	M2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00680
29590	6	M23 vs. S23	M2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16510
29591	6	M23 vs. S23	M2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G35460
29592	6	M23 vs. S23	M2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64870
29593	6	M23 vs. S23	M2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00680
29594	6	M23 vs. S23	M2-3 up	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT4G13670
29595	6	M23 vs. S23	M2-3 up	GO:0042793	Metabolism	Photosynthesis	plastid transcription	P	AT4G13670
29596	6	M23 vs. S23	M2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G04020
29597	6	M23 vs. S23	M2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00680
29598	6	M23 vs. S23	M2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00680
29599	6	M23 vs. S23	M2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT3G22840
29600	6	M23 vs. S23	M2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G23740
29601	6	M23 vs. S23	M2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G04020
29602	6	M23 vs. S23	M2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00560
29603	6	M23 vs. S23	M2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00680
29604	6	M23 vs. S23	M2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G04020
29605	6	M23 vs. S23	M2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G21070
29606	6	M23 vs. S23	M2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT5G53130
29607	6	M23 vs. S23	M2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT4G16480
29608	6	M23 vs. S23	M2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G21070
29609	6	M23 vs. S23	M2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G46830
29610	6	M23 vs. S23	M2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G34960
29611	6	M23 vs. S23	M2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT3G46830
29612	6	M23 vs. S23	M2-3 up	GO:1904659	Metabolism	Transporters	glucose transmembrane transport	P	AT3G57990
29613	6	M23 vs. S23	M2-3 up	GO:0005221	Metabolism	Transporters	intracellular cyclic nucleotide activated cation channel activity	F	AT5G53130
29614	6	M23 vs. S23	M2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G46830
29615	6	M23 vs. S23	M2-3 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G53130
29616	6	M23 vs. S23	M2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G64500
29617	6	M23 vs. S23	M2-3 up	GO:0005366	Metabolism	Transporters	myo-inositol:proton symporter activity	F	AT4G16480
29618	6	M23 vs. S23	M2-3 up	GO:0005338	Metabolism	Transporters	nucleotide-sugar transmembrane transporter activity	F	AT1G21070
29619	6	M23 vs. S23	M2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35840
29620	6	M23 vs. S23	M2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G46830
29621	6	M23 vs. S23	M2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G16510
29622	6	M23 vs. S23	M2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G40820
29623	6	M23 vs. S23	M2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G53130
29624	6	M23 vs. S23	M2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G50230
29625	6	M23 vs. S23	M2-3 up	GO:0015078	Metabolism	Transporters	proton transmembrane transporter activity	F	ATMG00410
29626	6	M23 vs. S23	M2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G15210
29627	6	M23 vs. S23	M2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G34960
29628	6	M23 vs. S23	M2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G72820
29629	6	M23 vs. S23	M2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G16480
29630	6	M23 vs. S23	M2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G64500
29631	6	M23 vs. S23	M2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G21070
29632	6	M23 vs. S23	M2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G72820
29633	6	M23 vs. S23	M2-3 up	GO:0005459	Metabolism	Transporters	UDP-galactose transmembrane transporter activity	F	AT1G21070
29634	6	M23 vs. S23	M2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT3G47940
29635	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G29760
29636	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G01720
29637	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35840
29638	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G41290
29639	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G57020
29640	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G25970

29641	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G30600
29642	6	M23 vs. S23	M2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G34960
29643	6	M23 vs. S23	M2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G01720
29644	6	M23 vs. S23	M2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G25970
29645	6	M23 vs. S23	M2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G30600
29646	6	M23 vs. S23	M2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G21070
29647	6	M23 vs. S23	M2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47320
29648	6	M23 vs. S23	M2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G12580
29649	6	M23 vs. S23	M2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G46830
29650	6	M23 vs. S23	M2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G34960
29651	6	M23 vs. S23	M2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16510
29652	6	M23 vs. S23	M2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G21070
29653	6	M23 vs. S23	M2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G54650
29654	6	M23 vs. S23	M2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT2G47320
29655	6	M23 vs. S23	M2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G34960
29656	6	M23 vs. S23	M2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G02590
29657	6	M23 vs. S23	M2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT4G13670
29658	6	M23 vs. S23	M2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G12580
29659	6	M23 vs. S23	M2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT4G27890
29660	6	M23 vs. S23	M2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT5G04500
29661	6	M23 vs. S23	M2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT3G16050
29662	6	M23 vs. S23	M2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G16500
29663	6	M23 vs. S23	M2-3 up	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT2G01720
29664	6	M23 vs. S23	M2-3 up	GO:0018279	Regulation	Protein modification	protein N-linked glycosylation via asparagine	P	AT2G01720
29665	6	M23 vs. S23	M2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT2G47320
29666	6	M23 vs. S23	M2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT4G34960
29667	6	M23 vs. S23	M2-3 up	GO:0070212	Regulation	Protein modification	protein poly-ADP-ribosylation	P	AT4G12720
29668	6	M23 vs. S23	M2-3 up	GO:0006605	Regulation	Protein modification	protein targeting	P	AT4G30600
29669	6	M23 vs. S23	M2-3 up	GO:0045047	Regulation	Protein modification	protein targeting to ER	P	AT4G30600
29670	6	M23 vs. S23	M2-3 up	GO:0006614	Regulation	Protein modification	SRP-dependent cotranslational protein targeting to membrane	P	AT4G30600
29671	6	M23 vs. S23	M2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT3G22840
29672	6	M23 vs. S23	M2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G78370
29673	6	M23 vs. S23	M2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G39840
29674	6	M23 vs. S23	M2-3 up	GO:0070940	Regulation	Transcription	dephosphorylation of RNA polymerase II C-terminal domain	P	AT5G58003
29675	6	M23 vs. S23	M2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT4G02590
29676	6	M23 vs. S23	M2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G75710
29677	6	M23 vs. S23	M2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G21270
29678	6	M23 vs. S23	M2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G02590
29679	6	M23 vs. S23	M2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G11290
29680	6	M23 vs. S23	M2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT2G16650
29681	6	M23 vs. S23	M2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G07370
29682	6	M23 vs. S23	M2-3 up	GO:0000427	Regulation	Transcription	plastid-encoded plastid RNA polymerase complex	C	AT4G13670
29683	6	M23 vs. S23	M2-3 up	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT1G75510
29684	6	M23 vs. S23	M2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G75710
29685	6	M23 vs. S23	M2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21175
29686	6	M23 vs. S23	M2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21270
29687	6	M23 vs. S23	M2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G02590
29688	6	M23 vs. S23	M2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G13670
29689	6	M23 vs. S23	M2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G58003
29690	6	M23 vs. S23	M2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT1G11290
29691	6	M23 vs. S23	M2-3 up	GO:0008420	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat phosphatase activity	F	AT5G58003

29692	6	M23 vs. S23	M2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G54930
29693	6	M23 vs. S23	M2-3 up	GO:0005674	Regulation	Transcription	transcription factor TFIIF complex	C	AT1G75510
29694	6	M23 vs. S23	M2-3 up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT1G75510
29695	6	M23 vs. S23	M2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G75710
29696	6	M23 vs. S23	M2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21175
29697	6	M23 vs. S23	M2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21270
29698	6	M23 vs. S23	M2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G54930
29699	6	M23 vs. S23	M2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G44770
29700	6	M23 vs. S23	M2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G75510
29701	6	M23 vs. S23	M2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G13580
29702	6	M23 vs. S23	M2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G13580
29703	6	M23 vs. S23	M2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G25890
29704	6	M23 vs. S23	M2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G13580
29705	6	M23 vs. S23	M2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G13580
29706	6	M23 vs. S23	M2-3 up	GO:0016556	Regulation	Translation	mRNA modification	P	AT1G11290
29707	6	M23 vs. S23	M2-3 up	GO:0004526	Regulation	Translation	ribonuclease P activity	F	AT2G16650
29708	6	M23 vs. S23	M2-3 up	GO:0043144	Regulation	Translation	snoRNA processing	P	AT2G16650
29709	6	M23 vs. S23	M2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G13580
29710	6	M23 vs. S23	M2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT1G44770
29711	6	M23 vs. S23	M2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT4G25890
29712	6	M23 vs. S23	M2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G75510
29713	6	M23 vs. S23	M2-3 up	GO:0001682	Regulation	Translation	tRNA 5'-leader removal	P	AT2G16650
29714	6	M23 vs. S23	M2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G52780
29715	6	M23 vs. S23	M2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G25970
29716	6	M23 vs. S23	M2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G53130
29717	6	M23 vs. S23	M2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT3G22840
29718	6	M23 vs. S23	M2-3 up	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT3G22840
29719	6	M23 vs. S23	M2-3 up	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT3G22840
29720	6	M23 vs. S23	M2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G52780
29721	6	M23 vs. S23	M2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT4G04020
29722	6	M23 vs. S23	M2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G39840
29723	6	M23 vs. S23	M2-3 up	GO:0004860	Signaling and response	Signaling	protein kinase inhibitor activity	F	AT1G07500
29724	6	M23 vs. S23	M2-3 up	GO:0000164	Signaling and response	Signaling	protein phosphatase type 1 complex	C	AT2G39840
29725	6	M23 vs. S23	M2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G39840
29726	6	M23 vs. S23	M2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G45590
29727	6	M23 vs. S23	M2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G45590
29728	6	M23 vs. S23	M2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G40820
29729	6	M23 vs. S23	M2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G39840
29730	6	M23 vs. S23	M2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G46830
29731	6	M23 vs. S23	M2-3 up	GO:0010161	Signaling and response	Signaling	red light signaling pathway	P	AT2G39840
29732	6	M23 vs. S23	M2-3 up	GO:2000030	Signaling and response	Signaling	regulation of response to red or far red light	P	AT1G78370
29733	6	M23 vs. S23	M2-3 up	GO:0010044	Signaling and response	Signaling	response to aluminum ion	P	AT5G40820
29734	6	M23 vs. S23	M2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G26740
29735	6	M23 vs. S23	M2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G12580
29736	6	M23 vs. S23	M2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G35840
29737	6	M23 vs. S23	M2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12580
29738	6	M23 vs. S23	M2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT1G52340
29739	6	M23 vs. S23	M2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G20700
29740	6	M23 vs. S23	M2-3 up	GO:0009629	Signaling and response	Signaling	response to gravity	P	AT1G78370
29741	6	M23 vs. S23	M2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G22840
29742	6	M23 vs. S23	M2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G13670
29743	6	M23 vs. S23	M2-3 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G20700
29744	6	M23 vs. S23	M2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20700
29745	6	M23 vs. S23	M2-3 up	GO:0009266	Signaling and response	Signaling	response to temperature stimulus	P	AT3G12580

29746	6	M23 vs. S23	M2-3 up	GO:0005047	Signaling and response	Signaling	signal recognition particle binding	F	AT4G30600
29747	6	M23 vs. S23	M2-3 up	GO:0005785	Signaling and response	Signaling	signal recognition particle receptor complex	C	AT4G30600
29748	6	M23 vs. S23	M2-3 up	GO:0047012	Signaling and response	Signaling	sterol-4-alpha-carboxylate 3-dehydrogenase (decarboxylating) activity	F	AT1G47290
29749	6	M23 vs. S23	M2-3 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT1G52340
29750	6	M23 vs. S23	M2-3 up	GO:0009688	Signaling and response	Stress	abscisic acid biosynthetic process	P	AT1G52340
29751	6	M23 vs. S23	M2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT1G07500
29752	6	M23 vs. S23	M2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G12580
29753	6	M23 vs. S23	M2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G22840
29754	6	M23 vs. S23	M2-3 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT3G22840
29755	6	M23 vs. S23	M2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT4G32320
29756	6	M23 vs. S23	M2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT3G49810
29757	6	M23 vs. S23	M2-3 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT3G12580
29758	6	M23 vs. S23	M2-3 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT3G22840
29759	6	M23 vs. S23	M2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G12580
29760	6	M23 vs. S23	M2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G47940
29761	6	M23 vs. S23	M2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G39220
29762	6	M23 vs. S23	M2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G40820
29763	6	M23 vs. S23	M2-3 up	GO:0009870	Signaling and response	Stress	defense response signaling pathway, resistance gene-dependent	P	AT4G12720
29764	6	M23 vs. S23	M2-3 up	GO:0010204	Signaling and response	Stress	defense response signaling pathway, resistance gene-independent	P	AT4G18360
29765	6	M23 vs. S23	M2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G12720
29766	6	M23 vs. S23	M2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G18360
29767	6	M23 vs. S23	M2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G53120
29768	6	M23 vs. S23	M2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G12200
29769	6	M23 vs. S23	M2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT4G04860
29770	6	M23 vs. S23	M2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT1G78370
29771	6	M23 vs. S23	M2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78370
29772	6	M23 vs. S23	M2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78370
29773	6	M23 vs. S23	M2-3 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT3G12580
29774	6	M23 vs. S23	M2-3 up	GO:0000839	Signaling and response	Stress	Hrd1p ubiquitin ligase ERAD-L complex	C	AT4G04860
29775	6	M23 vs. S23	M2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT4G18360
29776	6	M23 vs. S23	M2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT4G32320
29777	6	M23 vs. S23	M2-3 up	GO:0016688	Signaling and response	Stress	L-ascorbate peroxidase activity	F	AT4G32320
29778	6	M23 vs. S23	M2-3 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT3G12580
29779	6	M23 vs. S23	M2-3 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT4G04860
29780	6	M23 vs. S23	M2-3 up	GO:1901001	Signaling and response	Stress	negative regulation of response to salt stress	P	AT3G49810
29781	6	M23 vs. S23	M2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT3G22840
29782	6	M23 vs. S23	M2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G12720
29783	6	M23 vs. S23	M2-3 up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT3G12580
29784	6	M23 vs. S23	M2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT3G12580
29785	6	M23 vs. S23	M2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT4G34960
29786	6	M23 vs. S23	M2-3 up	GO:0010115	Signaling and response	Stress	regulation of abscisic acid biosynthetic process	P	AT1G52340
29787	6	M23 vs. S23	M2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT4G02590
29788	6	M23 vs. S23	M2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT5G40820
29789	6	M23 vs. S23	M2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G04020
29790	6	M23 vs. S23	M2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G04500
29791	6	M23 vs. S23	M2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G23740
29792	6	M23 vs. S23	M2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G16500
29793	6	M23 vs. S23	M2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22840
29794	6	M23 vs. S23	M2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G04020
29795	6	M23 vs. S23	M2-3 up	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT5G40820
29796	6	M23 vs. S23	M2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G52340
29797	6	M23 vs. S23	M2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G12580
29798	6	M23 vs. S23	M2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G13670

29799	6	M23 vs. S23	M2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT4G15210
29800	6	M23 vs. S23	M2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G16500
29801	6	M23 vs. S23	M2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G12720
29802	6	M23 vs. S23	M2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G12720
29803	6	M23 vs. S23	M2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G32320
29804	6	M23 vs. S23	M2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G16500
29805	6	M23 vs. S23	M2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G12720
29806	6	M23 vs. S23	M2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G04500
29807	6	M23 vs. S23	M2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G58003
29808	6	M23 vs. S23	M2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G20700
29809	6	M23 vs. S23	M2-3 up	GO:0006986	Signaling and response	Stress	response to unfolded protein	P	AT3G12580
29810	6	M23 vs. S23	M2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G12580
29811	6	M23 vs. S23	M2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G52340
29812	6	M23 vs. S23	M2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G26740
29813	6	M23 vs. S23	M2-3 up	GO:0051903	Signaling and response	Stress	S-(hydroxymethyl)glutathione dehydrogenase activity	F	AT5G24760
29814	6	M23 vs. S23	M2-3 up	GO:0051903	Signaling and response	Stress	S-(hydroxymethyl)glutathione dehydrogenase activity	F	AT5G42250
29815	6	M23 vs. S23	M2-3 up	GO:0043247	Signaling and response	Stress	telomere maintenance in response to DNA damage	P	AT5G40820
29816	6	M23 vs. S23	M2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78370
29817	6	M23 vs. S23	M2-3 up	GO:0030433	Signaling and response	Stress	ubiquitin-dependent ERAD pathway	P	AT4G04860
29818	6	M23 vs. S23	M2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G12580
29819	6	M23 vs. S23	M2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G47940
29820	6	M23 vs. S23	M2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G27890
29821	6	M23 vs. S23	M2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G34960
29822	6	M23 vs. S23	S2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12710
29823	6	M23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G09810
29824	6	M23 vs. S23	S2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT4G09550
29825	6	M23 vs. S23	S2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT3G23670
29826	6	M23 vs. S23	S2-3 up	GO:0055046	Development	Cell division	microgametogenesis	P	AT3G23670
29827	6	M23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G20150
29828	6	M23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G23670
29829	6	M23 vs. S23	S2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G20890
29830	6	M23 vs. S23	S2-3 up	GO:0072686	Development	Cell division	mitotic spindle	C	AT4G09550
29831	6	M23 vs. S23	S2-3 up	GO:0090307	Development	Cell division	mitotic spindle assembly	P	AT4G09550
29832	6	M23 vs. S23	S2-3 up	GO:0007052	Development	Cell division	mitotic spindle organization	P	AT4G09550
29833	6	M23 vs. S23	S2-3 up	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT5G62000
29834	6	M23 vs. S23	S2-3 up	GO:0009116	Development	Cell division	nucleoside metabolic process	P	AT4G24350
29835	6	M23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G65360
29836	6	M23 vs. S23	S2-3 up	GO:0000166	Development	Cell division	nucleotide binding	F	AT3G56490
29837	6	M23 vs. S23	S2-3 up	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT1G79650
29838	6	M23 vs. S23	S2-3 up	GO:0000914	Development	Cell division	phragmoplast assembly	P	AT3G23670
29839	6	M23 vs. S23	S2-3 up	GO:0080175	Development	Cell division	phragmoplast microtubule organization	P	AT3G23670
29840	6	M23 vs. S23	S2-3 up	GO:0045787	Development	Cell division	positive regulation of cell cycle	P	AT3G50410
29841	6	M23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT2G03680
29842	6	M23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT4G09550
29843	6	M23 vs. S23	S2-3 up	GO:2000779	Development	Cell division	regulation of double-strand break repair	P	AT4G26630
29844	6	M23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G09550
29845	6	M23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT2G03680
29846	6	M23 vs. S23	S2-3 up	GO:0010158	Development	Development	abaxial cell fate specification	P	AT2G45190
29847	6	M23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G47930
29848	6	M23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G08000
29849	6	M23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G08000
29850	6	M23 vs. S23	S2-3 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT2G03680
29851	6	M23 vs. S23	S2-3 up	GO:0048653	Development	Development	anther development	P	AT2G42200

29852	6	M23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G05180
29853	6	M23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G06030
29854	6	M23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G39640
29855	6	M23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G65730
29856	6	M23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT4G24920
29857	6	M23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G31070
29858	6	M23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G60910
29859	6	M23 vs. S23	S2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT2G45190
29860	6	M23 vs. S23	S2-3 up	GO:0001708	Development	Development	cell fate specification	P	AT1G24260
29861	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02100
29862	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02130
29863	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G18080
29864	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G29030
29865	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G11310
29866	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G24890
29867	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G09810
29868	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G10450
29869	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G28060
29870	6	M23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G65730
29871	6	M23 vs. S23	S2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G65730
29872	6	M23 vs. S23	S2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G50410
29873	6	M23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G75500
29874	6	M23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G46930
29875	6	M23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G65730
29876	6	M23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT4G08410
29877	6	M23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G51960
29878	6	M23 vs. S23	S2-3 up	GO:0042807	Development	Development	central vacuole	C	AT2G36830
29879	6	M23 vs. S23	S2-3 up	GO:0034508	Development	Development	centromere complex assembly	P	AT4G09550
29880	6	M23 vs. S23	S2-3 up	GO:0005813	Development	Development	centrosome	C	AT4G09550
29881	6	M23 vs. S23	S2-3 up	GO:0000785	Development	Development	chromatin	C	AT1G20693
29882	6	M23 vs. S23	S2-3 up	GO:0006333	Development	Development	chromatin assembly or disassembly	P	AT1G20693
29883	6	M23 vs. S23	S2-3 up	GO:0010369	Development	Development	chromocenter	C	AT5G65360
29884	6	M23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT2G03680
29885	6	M23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT2G03680
29886	6	M23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT3G06030
29887	6	M23 vs. S23	S2-3 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT2G03680
29888	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G07400
29889	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G10070
29890	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12310
29891	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G31500
29892	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G47530
29893	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G62450
29894	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68570
29895	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G74090
29896	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79650
29897	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36830
29898	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42200
29899	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44120
29900	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44670
29901	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G47110
29902	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G06030
29903	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07760
29904	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09500
29905	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16410
29906	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G21260
29907	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G49360

29908	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53020
29909	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54660
29910	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G12140
29911	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G20890
29912	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G22570
29913	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33040
29914	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33950
29915	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02610
29916	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05440
29917	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09810
29918	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G10450
29919	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G19450
29920	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G21170
29921	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24420
29922	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24530
29923	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G25620
29924	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G27700
29925	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G28060
29926	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G37380
29927	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47930
29928	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54160
29929	6	M23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G62360
29930	6	M23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G09810
29931	6	M23 vs. S23	S2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G09810
29932	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G12310
29933	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20693
29934	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G47970
29935	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G62450
29936	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64230
29937	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79650
29938	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G01520
29939	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G03680
29940	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35370
29941	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44120
29942	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44670
29943	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G47110
29944	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G48020
29945	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09500
29946	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16410
29947	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21055
29948	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21260
29949	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23490
29950	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26570
29951	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45030
29952	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G49360
29953	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G49910
29954	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53020
29955	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54660
29956	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55760
29957	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56490
29958	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04840
29959	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20890
29960	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G21280
29961	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G22570
29962	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24350
29963	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24920

29964	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24930
29965	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G26630
29966	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33950
29967	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34150
29968	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37300
29969	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G09810
29970	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G10450
29971	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G24420
29972	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G27700
29973	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G54160
29974	6	M23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G61170
29975	6	M23 vs. S23	S2-3 up	GO:0060560	Development	Development	developmental growth involved in morphogenesis	P	AT5G60910
29976	6	M23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34870
29977	6	M23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G37300
29978	6	M23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G55940
29979	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01170
29980	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12310
29981	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14450
29982	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G58430
29983	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G66850
29984	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G01610
29985	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02100
29986	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02130
29987	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G45180
29988	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G46930
29989	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13662
29990	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G18080
29991	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G29030
29992	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G56490
29993	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G11310
29994	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24890
29995	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39640
29996	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G08260
29997	6	M23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G65730
29998	6	M23 vs. S23	S2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G11310
29999	6	M23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G24260
30000	6	M23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G30330
30001	6	M23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G37020
30002	6	M23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G60910
30003	6	M23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT2G45190
30004	6	M23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G37020
30005	6	M23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G60910
30006	6	M23 vs. S23	S2-3 up	GO:0000930	Development	Development	gamma-tubulin complex	C	AT4G09550
30007	6	M23 vs. S23	S2-3 up	GO:0033566	Development	Development	gamma-tubulin complex localization	P	AT4G09550
30008	6	M23 vs. S23	S2-3 up	GO:0008274	Development	Development	gamma-tubulin ring complex	C	AT4G09550
30009	6	M23 vs. S23	S2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G27720
30010	6	M23 vs. S23	S2-3 up	GO:0048467	Development	Development	gynoecium development	P	AT3G53020
30011	6	M23 vs. S23	S2-3 up	GO:0010450	Development	Development	inflorescence meristem growth	P	AT2G45190
30012	6	M23 vs. S23	S2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G74340
30013	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01170
30014	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14450
30015	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21930
30016	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G33170
30017	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G47530
30018	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68570

30019	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75500
30020	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80700
30021	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01320
30022	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G02510
30023	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26110
30024	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34585
30025	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G36830
30026	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G47380
30027	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G61460
30028	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13800
30029	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G19230
30030	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27720
30031	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G32260
30032	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G19875
30033	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G41685
30034	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52240
30035	6	M23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01070
30036	6	M23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G48020
30037	6	M23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G26570
30038	6	M23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G02700
30039	6	M23 vs. S23	S2-3 up	GO:0031021	Development	Development	interphase microtubule organizing center	C	AT4G09550
30040	6	M23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT2G47110
30041	6	M23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G24920
30042	6	M23 vs. S23	S2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G31790
30043	6	M23 vs. S23	S2-3 up	GO:0097708	Development	Development	intracellular vesicle	C	AT1G68570
30044	6	M23 vs. S23	S2-3 up	GO:0005828	Development	Development	kinetochore microtubule	C	AT4G09550
30045	6	M23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G31070
30046	6	M23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G42200
30047	6	M23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G33950
30048	6	M23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G23760
30049	6	M23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G31070
30050	6	M23 vs. S23	S2-3 up	GO:0010077	Development	Development	maintenance of inflorescence meristem identity	P	AT5G60910
30051	6	M23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G47530
30052	6	M23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G62450
30053	6	M23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G29030
30054	6	M23 vs. S23	S2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT2G45190
30055	6	M23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G06030
30056	6	M23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G20150
30057	6	M23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G23670
30058	6	M23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G20890
30059	6	M23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G62580
30060	6	M23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT4G09550
30061	6	M23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT4G20890
30062	6	M23 vs. S23	S2-3 up	GO:0051415	Development	Development	microtubule nucleation by interphase microtubule organizing center	P	AT4G09550
30063	6	M23 vs. S23	S2-3 up	GO:0051418	Development	Development	microtubule nucleation by microtubule organizing center	P	AT4G09550
30064	6	M23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G20150
30065	6	M23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G23670
30066	6	M23 vs. S23	S2-3 up	GO:0007017	Development	Development	microtubule-based process	P	AT4G20890
30067	6	M23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G07090
30068	6	M23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G24260
30069	6	M23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G60910
30070	6	M23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT4G09550
30071	6	M23 vs. S23	S2-3 up	GO:0005640	Development	Development	nuclear outer membrane	C	AT4G09550
30072	6	M23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT1G79650

30073	6	M23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT5G41560
30074	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G05205
30075	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07090
30076	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G08060
30077	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G12310
30078	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19550
30079	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20693
30080	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G24260
30081	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G30330
30082	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G31500
30083	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G33170
30084	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47530
30085	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47970
30086	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48110
30087	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G61660
30088	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64050
30089	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64230
30090	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G76580
30091	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G79650
30092	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01520
30093	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G12290
30094	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17240
30095	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23760
30096	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G28510
30097	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31070
30098	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35370
30099	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42200
30100	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G44670
30101	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45190
30102	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47110
30103	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G01670
30104	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G01690
30105	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16410
30106	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16500
30107	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G27810
30108	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G49910
30109	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50410
30110	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G53020
30111	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57080
30112	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60320
30113	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61460
30114	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61690
30115	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G00480
30116	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G04630
30117	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14250
30118	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17900
30119	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26480
30120	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26630
30121	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33950
30122	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37300
30123	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37790
30124	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G38930
30125	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G05440
30126	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06710
30127	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G09960
30128	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10450

30129	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G11500
30130	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G19450
30131	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24580
30132	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G25570
30133	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G27700
30134	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G37020
30135	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41560
30136	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G46780
30137	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G49550
30138	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54160
30139	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54970
30140	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60910
30141	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61170
30142	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62000
30143	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62580
30144	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65360
30145	6	M23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65670
30146	6	M23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G03680
30147	6	M23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G23670
30148	6	M23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT4G09550
30149	6	M23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G24260
30150	6	M23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT5G62000
30151	6	M23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G02100
30152	6	M23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G46930
30153	6	M23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G18080
30154	6	M23 vs. S23	S2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT3G29030
30155	6	M23 vs. S23	S2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT5G62360
30156	6	M23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29030
30157	6	M23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT4G08410
30158	6	M23 vs. S23	S2-3 up	GO:0071669	Development	Development	plant-type cell wall organization or biogenesis	P	AT1G10070
30159	6	M23 vs. S23	S2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT1G75500
30160	6	M23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G75500
30161	6	M23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G36830
30162	6	M23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G48020
30163	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12310
30164	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G47530
30165	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64230
30166	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G68570
30167	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G75500
30168	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G76580
30169	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01320
30170	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02100
30171	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47930
30172	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G06030
30173	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G49910
30174	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G56490
30175	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G13800
30176	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G14730
30177	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G20890
30178	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24350
30179	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27720
30180	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32260
30181	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33950
30182	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34150
30183	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G37300
30184	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39640

30185	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02610
30186	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05440
30187	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08000
30188	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09810
30189	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09960
30190	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10450
30191	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G19450
30192	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G21170
30193	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47930
30194	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G52240
30195	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54160
30196	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58640
30197	6	M23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62360
30198	6	M23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G45190
30199	6	M23 vs. S23	S2-3 up	GO:0080022	Development	Development	primary root development	P	AT3G29030
30200	6	M23 vs. S23	S2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT2G36830
30201	6	M23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT5G09810
30202	6	M23 vs. S23	S2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT5G09810
30203	6	M23 vs. S23	S2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT5G09810
30204	6	M23 vs. S23	S2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G09810
30205	6	M23 vs. S23	S2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT1G24260
30206	6	M23 vs. S23	S2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT2G45190
30207	6	M23 vs. S23	S2-3 up	GO:0048833	Development	Development	specification of floral organ number	P	AT1G24260
30208	6	M23 vs. S23	S2-3 up	GO:0090706	Development	Development	specification of plant organ position	P	AT2G45190
30209	6	M23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT3G27810
30210	6	M23 vs. S23	S2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT3G27810
30211	6	M23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT4G08410
30212	6	M23 vs. S23	S2-3 up	GO:0030527	Development	Development	structural constituent of chromatin	F	AT1G20693
30213	6	M23 vs. S23	S2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT4G20890
30214	6	M23 vs. S23	S2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G09810
30215	6	M23 vs. S23	S2-3 up	GO:0048629	Development	Development	trichome patterning	P	AT4G00480
30216	6	M23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G75500
30217	6	M23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G03680
30218	6	M23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G29030
30219	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G47530
30220	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75500
30221	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G34585
30222	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36830
30223	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G48020
30224	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G49360
30225	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G49910
30226	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G20890
30227	6	M23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G02610
30228	6	M23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G34585
30229	6	M23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G36830
30230	6	M23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G44120
30231	6	M23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G48020
30232	6	M23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G08260
30233	6	M23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G61170
30234	6	M23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G01520
30235	6	M23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G42200
30236	6	M23 vs. S23	S2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT2G01090
30237	6	M23 vs. S23	S2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATCG01070
30238	6	M23 vs. S23	S2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	AT4G32260

30239	6	M23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G01320
30240	6	M23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G20150
30241	6	M23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G23670
30242	6	M23 vs. S23	S2-3 up	GO:0008574	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, plus-end-directed	F	AT3G20150
30243	6	M23 vs. S23	S2-3 up	GO:0008574	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, plus-end-directed	F	AT3G23670
30244	6	M23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16410
30245	6	M23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G18080
30246	6	M23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G49360
30247	6	M23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G21170
30248	6	M23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G24420
30249	6	M23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G54660
30250	6	M23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G33040
30251	6	M23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT1G14450
30252	6	M23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT2G02510
30253	6	M23 vs. S23	S2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT5G21170
30254	6	M23 vs. S23	S2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G15440
30255	6	M23 vs. S23	S2-3 up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT4G05590
30256	6	M23 vs. S23	S2-3 up	GO:0006120	Metabolism	Bioenergetics	mitochondrial electron transport, NADH to ubiquinone	P	AT3G03070
30257	6	M23 vs. S23	S2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT2G01090
30258	6	M23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT1G14450
30259	6	M23 vs. S23	S2-3 up	GO:0005742	Metabolism	Bioenergetics	mitochondrial outer membrane translocase complex	C	AT5G41685
30260	6	M23 vs. S23	S2-3 up	GO:0006850	Metabolism	Bioenergetics	mitochondrial pyruvate transmembrane transport	P	AT4G05590
30261	6	M23 vs. S23	S2-3 up	GO:0005746	Metabolism	Bioenergetics	mitochondrial respirasome	C	AT2G47380
30262	6	M23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G14450
30263	6	M23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT2G02510
30264	6	M23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT3G03070
30265	6	M23 vs. S23	S2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT1G14450
30266	6	M23 vs. S23	S2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT2G02510
30267	6	M23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT2G01090
30268	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01170
30269	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02160
30270	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14450
30271	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75500
30272	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80700
30273	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01090
30274	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01320
30275	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01520
30276	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02100
30277	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02130
30278	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02510
30279	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G03680
30280	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G34870
30281	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35370
30282	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G47380
30283	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03070
30284	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03840
30285	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G06040
30286	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G07760
30287	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G54660
30288	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G04840

30289	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05590
30290	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G09550
30291	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G14730
30292	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G17900
30293	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24920
30294	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G09810
30295	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G19875
30296	6	M23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G65685
30297	6	M23 vs. S23	S2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG01070
30298	6	M23 vs. S23	S2-3 up	GO:0030964	Metabolism	Bioenergetics	NADH dehydrogenase complex	C	ATCG01070
30299	6	M23 vs. S23	S2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G54660
30300	6	M23 vs. S23	S2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT5G25620
30301	6	M23 vs. S23	S2-3 up	GO:0003959	Metabolism	Bioenergetics	NADPH dehydrogenase activity	F	ATCG01070
30302	6	M23 vs. S23	S2-3 up	GO:0031588	Metabolism	Bioenergetics	nucleotide-activated protein kinase complex	C	AT5G21170
30303	6	M23 vs. S23	S2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G15440
30304	6	M23 vs. S23	S2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT3G49360
30305	6	M23 vs. S23	S2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT5G24420
30306	6	M23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G14450
30307	6	M23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G35370
30308	6	M23 vs. S23	S2-3 up	GO:0045272	Metabolism	Bioenergetics	plasma membrane respiratory chain complex I	C	ATCG01070
30309	6	M23 vs. S23	S2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	AT4G32260
30310	6	M23 vs. S23	S2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT4G32260
30311	6	M23 vs. S23	S2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	AT1G14450
30312	6	M23 vs. S23	S2-3 up	GO:2001070	Metabolism	Bioenergetics	starch binding	F	AT3G55760
30313	6	M23 vs. S23	S2-3 up	GO:0043036	Metabolism	Bioenergetics	starch grain	C	AT3G55760
30314	6	M23 vs. S23	S2-3 up	GO:0005982	Metabolism	Bioenergetics	starch metabolic process	P	AT3G55760
30315	6	M23 vs. S23	S2-3 up	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT5G65685
30316	6	M23 vs. S23	S2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT4G33950
30317	6	M23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT2G01090
30318	6	M23 vs. S23	S2-3 up	GO:0006744	Metabolism	Bioenergetics	ubiquinone biosynthetic process	P	ATCG01070
30319	6	M23 vs. S23	S2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT4G33950
30320	6	M23 vs. S23	S2-3 up	GO:0006168	Metabolism	Catabolism	adenine salvage	P	AT4G22570
30321	6	M23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G41560
30322	6	M23 vs. S23	S2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT3G23490
30323	6	M23 vs. S23	S2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G11310
30324	6	M23 vs. S23	S2-3 up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT4G21280
30325	6	M23 vs. S23	S2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT5G62000
30326	6	M23 vs. S23	S2-3 up	GO:0010047	Metabolism	Catabolism	fruit dehiscence	P	AT5G62000
30327	6	M23 vs. S23	S2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G16410
30328	6	M23 vs. S23	S2-3 up	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G39640
30329	6	M23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G31070
30330	6	M23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G24530
30331	6	M23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G62000
30332	6	M23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G58430
30333	6	M23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G05180
30334	6	M23 vs. S23	S2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G11310
30335	6	M23 vs. S23	S2-3 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT2G47110
30336	6	M23 vs. S23	S2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT3G06040
30337	6	M23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31790
30338	6	M23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G56490
30339	6	M23 vs. S23	S2-3 up	GO:0031593	Metabolism	Catabolism	polyubiquitin modification-dependent protein binding	F	AT1G79650

30340	6	M23 vs. S23	S2-3 up	GO:0032436	Metabolism	Catabolism	positive regulation of proteasomal ubiquitin-dependent protein catabolic process	P	AT5G41560
30341	6	M23 vs. S23	S2-3 up	GO:0045732	Metabolism	Catabolism	positive regulation of protein catabolic process	P	AT5G10450
30342	6	M23 vs. S23	S2-3 up	GO:0070628	Metabolism	Catabolism	proteasome binding	F	AT1G79650
30343	6	M23 vs. S23	S2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G79650
30344	6	M23 vs. S23	S2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G79650
30345	6	M23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G64230
30346	6	M23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G47110
30347	6	M23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G06040
30348	6	M23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G11310
30349	6	M23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G08260
30350	6	M23 vs. S23	S2-3 up	GO:0006166	Metabolism	Catabolism	purine ribonucleoside salvage	P	AT4G22570
30351	6	M23 vs. S23	S2-3 up	GO:0043067	Metabolism	Catabolism	regulation of programmed cell death	P	AT2G12290
30352	6	M23 vs. S23	S2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT5G08260
30353	6	M23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT1G79650
30354	6	M23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G64230
30355	6	M23 vs. S23	S2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT2G47110
30356	6	M23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G64230
30357	6	M23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G47110
30358	6	M23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G38930
30359	6	M23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G64230
30360	6	M23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT2G12290
30361	6	M23 vs. S23	S2-3 up	GO:0034768	Metabolism	Metabolism	(E)-beta-ocimene synthase activity	F	AT2G24210
30362	6	M23 vs. S23	S2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G08060
30363	6	M23 vs. S23	S2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT1G31500
30364	6	M23 vs. S23	S2-3 up	GO:0080066	Metabolism	Metabolism	3-methylthiopropyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30365	6	M23 vs. S23	S2-3 up	GO:0080067	Metabolism	Metabolism	4-methylthiobutyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30366	6	M23 vs. S23	S2-3 up	GO:0080081	Metabolism	Metabolism	4-methylumbelliferyl-beta-D-glucopyranoside beta-glucosidase activity	F	AT3G18080
30367	6	M23 vs. S23	S2-3 up	GO:0080068	Metabolism	Metabolism	5-methylthiopentyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30368	6	M23 vs. S23	S2-3 up	GO:0017057	Metabolism	Metabolism	6-phosphogluconolactonase activity	F	AT3G49360
30369	6	M23 vs. S23	S2-3 up	GO:0017057	Metabolism	Metabolism	6-phosphogluconolactonase activity	F	AT5G24420
30370	6	M23 vs. S23	S2-3 up	GO:0080069	Metabolism	Metabolism	7-methylthioheptyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30371	6	M23 vs. S23	S2-3 up	GO:0080070	Metabolism	Metabolism	8-methylthiooctyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30372	6	M23 vs. S23	S2-3 up	GO:0017096	Metabolism	Metabolism	acetylserotonin O-methyltransferase activity	F	AT5G54160
30373	6	M23 vs. S23	S2-3 up	GO:0003999	Metabolism	Metabolism	adenine phosphoribosyltransferase activity	F	AT4G22570
30374	6	M23 vs. S23	S2-3 up	GO:0047627	Metabolism	Metabolism	adenylylsulfatase activity	F	AT3G56490
30375	6	M23 vs. S23	S2-3 up	GO:0044209	Metabolism	Metabolism	AMP salvage	P	AT4G22570
30376	6	M23 vs. S23	S2-3 up	GO:0047668	Metabolism	Metabolism	amygdalin beta-glucosidase activity	F	AT3G18080
30377	6	M23 vs. S23	S2-3 up	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT5G54160
30378	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G08060
30379	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G64230
30380	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01320
30381	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G06030
30382	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G23670
30383	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54660
30384	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G33950
30385	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G09810

30386	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G19450
30387	6	M23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G21170
30388	6	M23 vs. S23	S2-3 up	GO:0080083	Metabolism	Metabolism	beta-gentiobiose beta-glucosidase activity	F	AT3G18080
30389	6	M23 vs. S23	S2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G18080
30390	6	M23 vs. S23	S2-3 up	GO:0004567	Metabolism	Metabolism	beta-mannosidase activity	F	AT3G18080
30391	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G02160
30392	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21930
30393	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47970
30394	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G48110
30395	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G64050
30396	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G80700
30397	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G17240
30398	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G34585
30399	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G07760
30400	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G44280
30401	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G04630
30402	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G13070
30403	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G17900
30404	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24930
30405	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G09960
30406	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11500
30407	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G16110
30408	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19940
30409	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G24570
30410	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G25570
30411	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G46780
30412	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G49550
30413	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G51960
30414	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G54970
30415	6	M23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G62580
30416	6	M23 vs. S23	S2-3 up	GO:0004084	Metabolism	Metabolism	branched-chain-amino-acid transaminase activity	F	AT1G10070
30417	6	M23 vs. S23	S2-3 up	GO:0047763	Metabolism	Metabolism	caffeate O-methyltransferase activity	F	AT5G54160
30418	6	M23 vs. S23	S2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT4G24350
30419	6	M23 vs. S23	S2-3 up	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G18080
30420	6	M23 vs. S23	S2-3 up	GO:0034080	Metabolism	Metabolism	CENP-A containing nucleosome assembly	P	AT4G09550
30421	6	M23 vs. S23	S2-3 up	GO:1902387	Metabolism	Metabolism	ceramide 1-phosphate binding	F	AT3G21260
30422	6	M23 vs. S23	S2-3 up	GO:1902388	Metabolism	Metabolism	ceramide 1-phosphate transfer activity	F	AT3G21260
30423	6	M23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT1G20693
30424	6	M23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G26630
30425	6	M23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G01520
30426	6	M23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G33740
30427	6	M23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G54660
30428	6	M23 vs. S23	S2-3 up	GO:0008824	Metabolism	Metabolism	cyanate hydratase activity	F	AT3G23490
30429	6	M23 vs. S23	S2-3 up	GO:0047364	Metabolism	Metabolism	desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30430	6	M23 vs. S23	S2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G24530
30431	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G07090
30432	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G20693
30433	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G24260
30434	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G30330
30435	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G23760
30436	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G42200
30437	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G45190
30438	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G23490
30439	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G50410
30440	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G57080
30441	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G60320

30442	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G00480
30443	6	M23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G65360
30444	6	M23 vs. S23	S2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12710
30445	6	M23 vs. S23	S2-3 up	GO:0019348	Metabolism	Metabolism	dolichol metabolic process	P	AT1G74340
30446	6	M23 vs. S23	S2-3 up	GO:0004582	Metabolism	Metabolism	dolichyl-phosphate beta-D-mannosyltransferase activity	F	AT1G74340
30447	6	M23 vs. S23	S2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G01610
30448	6	M23 vs. S23	S2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62350
30449	6	M23 vs. S23	S2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62360
30450	6	M23 vs. S23	S2-3 up	GO:0080082	Metabolism	Metabolism	esculin beta-glucosidase activity	F	AT3G18080
30451	6	M23 vs. S23	S2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G54660
30452	6	M23 vs. S23	S2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G25620
30453	6	M23 vs. S23	S2-3 up	GO:0033759	Metabolism	Metabolism	flavone synthase activity	F	AT5G24530
30454	6	M23 vs. S23	S2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G74090
30455	6	M23 vs. S23	S2-3 up	GO:0016595	Metabolism	Metabolism	glutamate binding	F	AT4G14730
30456	6	M23 vs. S23	S2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT2G35370
30457	6	M23 vs. S23	S2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT2G35370
30458	6	M23 vs. S23	S2-3 up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT2G35370
30459	6	M23 vs. S23	S2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT1G74340
30460	6	M23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G20890
30461	6	M23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G20890
30462	6	M23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G15440
30463	6	M23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G19230
30464	6	M23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G01690
30465	6	M23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G32260
30466	6	M23 vs. S23	S2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G58430
30467	6	M23 vs. S23	S2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT3G05180
30468	6	M23 vs. S23	S2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT5G65730
30469	6	M23 vs. S23	S2-3 up	GO:0102953	Metabolism	Metabolism	hypoglycin A gamma-glutamyl transpeptidase activity	F	AT4G39640
30470	6	M23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G23490
30471	6	M23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G33950
30472	6	M23 vs. S23	S2-3 up	GO:0080071	Metabolism	Metabolism	indol-3-yl-methyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
30473	6	M23 vs. S23	S2-3 up	GO:0103075	Metabolism	Metabolism	indole-3-pyruvate monooxygenase activity	F	AT5G25620
30474	6	M23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G15440
30475	6	M23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G19230
30476	6	M23 vs. S23	S2-3 up	GO:0009097	Metabolism	Metabolism	isoleucine biosynthetic process	P	AT1G10070
30477	6	M23 vs. S23	S2-3 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT3G44280
30478	6	M23 vs. S23	S2-3 up	GO:0009098	Metabolism	Metabolism	leucine biosynthetic process	P	AT1G10070
30479	6	M23 vs. S23	S2-3 up	GO:0103068	Metabolism	Metabolism	leukotriene C4 gamma-glutamyl transferase activity	F	AT4G39640
30480	6	M23 vs. S23	S2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G54160
30481	6	M23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G21260
30482	6	M23 vs. S23	S2-3 up	GO:0052656	Metabolism	Metabolism	L-isoleucine transaminase activity	F	AT1G10070
30483	6	M23 vs. S23	S2-3 up	GO:0052654	Metabolism	Metabolism	L-leucine transaminase activity	F	AT1G10070
30484	6	M23 vs. S23	S2-3 up	GO:0030744	Metabolism	Metabolism	luteolin O-methyltransferase activity	F	AT5G54160
30485	6	M23 vs. S23	S2-3 up	GO:0052655	Metabolism	Metabolism	L-valine transaminase activity	F	AT1G10070
30486	6	M23 vs. S23	S2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G24210
30487	6	M23 vs. S23	S2-3 up	GO:1901982	Metabolism	Metabolism	maltose binding	F	AT5G21170
30488	6	M23 vs. S23	S2-3 up	GO:0030187	Metabolism	Metabolism	melatonin biosynthetic process	P	AT5G54160
30489	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G08060
30490	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G31500
30491	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G76580
30492	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42200
30493	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G44670

30494	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45190
30495	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G47110
30496	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G18080
30497	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G26730
30498	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G04840
30499	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24890
30500	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24530
30501	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24580
30502	6	M23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47930
30503	6	M23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G33170
30504	6	M23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G20150
30505	6	M23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G23670
30506	6	M23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G62580
30507	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G01170
30508	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G02160
30509	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21930
30510	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47970
30511	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80700
30512	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G03680
30513	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17240
30514	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G26110
30515	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G34585
30516	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G34870
30517	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G47930
30518	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03840
30519	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07760
30520	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G21055
30521	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G04630
30522	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24930
30523	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G37300
30524	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G38930
30525	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G09960
30526	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11500
30527	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G16110
30528	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19875
30529	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G24570
30530	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25570
30531	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46780
30532	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G51960
30533	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G54970
30534	6	M23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G55940
30535	6	M23 vs. S23	S2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G15440
30536	6	M23 vs. S23	S2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G19230
30537	6	M23 vs. S23	S2-3 up	GO:0016099	Metabolism	Metabolism	monoterpenoid biosynthetic process	P	AT2G24210
30538	6	M23 vs. S23	S2-3 up	GO:0050551	Metabolism	Metabolism	myrcene synthase activity	F	AT2G24210
30539	6	M23 vs. S23	S2-3 up	GO:0033799	Metabolism	Metabolism	myricetin 3'-O-methyltransferase activity	F	AT5G54160
30540	6	M23 vs. S23	S2-3 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT5G25620
30541	6	M23 vs. S23	S2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G68570
30542	6	M23 vs. S23	S2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G21170
30543	6	M23 vs. S23	S2-3 up	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT3G16410
30544	6	M23 vs. S23	S2-3 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT5G54160
30545	6	M23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G19550
30546	6	M23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G04840
30547	6	M23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G15440
30548	6	M23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G19230
30549	6	M23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24530

30550	6	M23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G25620
30551	6	M23 vs. S23	S2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT2G46930
30552	6	M23 vs. S23	S2-3 up	GO:0000048	Metabolism	Metabolism	peptidyltransferase activity	F	AT4G39640
30553	6	M23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G05205
30554	6	M23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G10450
30555	6	M23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G08000
30556	6	M23 vs. S23	S2-3 up	GO:0090358	Metabolism	Metabolism	positive regulation of tryptophan metabolic process	P	AT1G75500
30557	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07400
30558	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G24260
30559	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G30330
30560	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G61660
30561	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G23760
30562	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31070
30563	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45190
30564	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16500
30565	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23670
30566	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G27810
30567	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50410
30568	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G53020
30569	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57080
30570	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G60320
30571	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00480
30572	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G05590
30573	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G09550
30574	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G14730
30575	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20890
30576	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26630
30577	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33040
30578	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33950
30579	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37790
30580	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G05440
30581	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09810
30582	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G10450
30583	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G21170
30584	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G37020
30585	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G41560
30586	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G52240
30587	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G60910
30588	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G62000
30589	6	M23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65360
30590	6	M23 vs. S23	S2-3 up	GO:0009150	Metabolism	Metabolism	purine ribonucleotide metabolic process	P	AT3G56490
30591	6	M23 vs. S23	S2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G31790
30592	6	M23 vs. S23	S2-3 up	GO:0102822	Metabolism	Metabolism	quercetin 3'-O-methyltransferase activity	F	AT5G54160
30593	6	M23 vs. S23	S2-3 up	GO:0030755	Metabolism	Metabolism	quercetin 3-O-methyltransferase activity	F	AT5G54160
30594	6	M23 vs. S23	S2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G31790
30595	6	M23 vs. S23	S2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01070
30596	6	M23 vs. S23	S2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G54160
30597	6	M23 vs. S23	S2-3 up	GO:0034785	Metabolism	Metabolism	salicylate 5-hydroxylase activity	F	AT5G24530
30598	6	M23 vs. S23	S2-3 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT3G18080
30599	6	M23 vs. S23	S2-3 up	GO:0006790	Metabolism	Metabolism	sulfur compound metabolic process	P	AT3G56490
30600	6	M23 vs. S23	S2-3 up	GO:0004791	Metabolism	Metabolism	thioredoxin-disulfide reductase activity	F	AT3G54660
30601	6	M23 vs. S23	S2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G19550
30602	6	M23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G31790
30603	6	M23 vs. S23	S2-3 up	GO:0102701	Metabolism	Metabolism	tricyclene synthase activity	F	AT2G24210
30604	6	M23 vs. S23	S2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT4G33950

30605	6	M23 vs. S23	S2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT1G75500
30606	6	M23 vs. S23	S2-3 up	GO:0045298	Metabolism	Metabolism	tubulin complex	C	AT4G20890
30607	6	M23 vs. S23	S2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G31790
30608	6	M23 vs. S23	S2-3 up	GO:0009099	Metabolism	Metabolism	valine biosynthetic process	P	AT1G10070
30609	6	M23 vs. S23	S2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT5G65730
30610	6	M23 vs. S23	S2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT5G65730
30611	6	M23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G28510
30612	6	M23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G50410
30613	6	M23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G61460
30614	6	M23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G12140
30615	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G10070
30616	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19550
30617	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31500
30618	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58430
30619	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74340
30620	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01320
30621	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17240
30622	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G19720
30623	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24210
30624	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26110
30625	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31790
30626	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G33740
30627	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44120
30628	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01670
30629	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G18080
30630	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G20150
30631	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G21055
30632	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23490
30633	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26570
30634	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26730
30635	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45030
30636	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54660
30637	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55760
30638	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56490
30639	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02700
30640	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G05590
30641	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13070
30642	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G19230
30643	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20890
30644	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G21280
30645	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24890
30646	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24930
30647	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32260
30648	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19940
30649	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G21170
30650	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25570
30651	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G52240
30652	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58640
30653	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65685
30654	6	M23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01070
30655	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G01320
30656	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G36830
30657	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G26570
30658	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G15440
30659	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G32260
30660	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09810

30661	6	M23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G19940
30662	6	M23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT3G26570
30663	6	M23 vs. S23	S2-3 up	GO:0031972	Metabolism	Photosynthesis	chloroplast intermembrane space	C	AT2G33740
30664	6	M23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54660
30665	6	M23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55760
30666	6	M23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G21280
30667	6	M23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G09810
30668	6	M23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G21280
30669	6	M23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G32260
30670	6	M23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G19940
30671	6	M23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG01070
30672	6	M23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G21280
30673	6	M23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G24930
30674	6	M23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45180
30675	6	M23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G21055
30676	6	M23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G21280
30677	6	M23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G32260
30678	6	M23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01070
30679	6	M23 vs. S23	S2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	AT4G21280
30680	6	M23 vs. S23	S2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G21055
30681	6	M23 vs. S23	S2-3 up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G21280
30682	6	M23 vs. S23	S2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G21055
30683	6	M23 vs. S23	S2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT4G21280
30684	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G19940
30685	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27700
30686	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G28060
30687	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47930
30688	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G52240
30689	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54160
30690	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55940
30691	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61170
30692	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G62350
30693	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65360
30694	6	M23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01070
30695	6	M23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G35370
30696	6	M23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G21280
30697	6	M23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G24930
30698	6	M23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G32260
30699	6	M23 vs. S23	S2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G21280
30700	6	M23 vs. S23	S2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G24930
30701	6	M23 vs. S23	S2-3 up	GO:0015301	Metabolism	Transporters	anion:anion antiporter activity	F	AT4G02700
30702	6	M23 vs. S23	S2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G47530
30703	6	M23 vs. S23	S2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G01320
30704	6	M23 vs. S23	S2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT2G48020
30705	6	M23 vs. S23	S2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT2G48020
30706	6	M23 vs. S23	S2-3 up	GO:0035627	Metabolism	Transporters	ceramide transport	P	AT3G21260
30707	6	M23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G33170
30708	6	M23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G27720
30709	6	M23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G52240
30710	6	M23 vs. S23	S2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT3G26570
30711	6	M23 vs. S23	S2-3 up	GO:0120009	Metabolism	Transporters	intermembrane lipid transfer	P	AT3G21260
30712	6	M23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G20150

30713	6	M23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G23670
30714	6	M23 vs. S23	S2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT1G66850
30715	6	M23 vs. S23	S2-3 up	GO:0009673	Metabolism	Transporters	low-affinity phosphate transmembrane transporter activity	F	AT3G26570
30716	6	M23 vs. S23	S2-3 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT4G13800
30717	6	M23 vs. S23	S2-3 up	GO:0015693	Metabolism	Transporters	magnesium ion transport	P	AT4G13800
30718	6	M23 vs. S23	S2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT5G24580
30719	6	M23 vs. S23	S2-3 up	GO:0015098	Metabolism	Transporters	molybdate ion transmembrane transporter activity	F	AT4G27720
30720	6	M23 vs. S23	S2-3 up	GO:0015689	Metabolism	Transporters	molybdate ion transport	P	AT4G27720
30721	6	M23 vs. S23	S2-3 up	GO:0010360	Metabolism	Transporters	negative regulation of anion channel activity	P	AT4G05590
30722	6	M23 vs. S23	S2-3 up	GO:1901017	Metabolism	Transporters	negative regulation of potassium ion transmembrane transporter activity	P	AT4G05590
30723	6	M23 vs. S23	S2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT3G60320
30724	6	M23 vs. S23	S2-3 up	GO:0071705	Metabolism	Transporters	nitrogen compound transport	P	AT3G60320
30725	6	M23 vs. S23	S2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G68570
30726	6	M23 vs. S23	S2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G68570
30727	6	M23 vs. S23	S2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G68570
30728	6	M23 vs. S23	S2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT3G26570
30729	6	M23 vs. S23	S2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G26570
30730	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G02130
30731	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44120
30732	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09500
30733	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16410
30734	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G20890
30735	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G34150
30736	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39640
30737	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G02610
30738	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G08000
30739	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09810
30740	6	M23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G54160
30741	6	M23 vs. S23	S2-3 up	GO:0030150	Metabolism	Transporters	protein import into mitochondrial matrix	P	AT5G41685
30742	6	M23 vs. S23	S2-3 up	GO:0050833	Metabolism	Transporters	pyruvate transmembrane transporter activity	F	AT4G05590
30743	6	M23 vs. S23	S2-3 up	GO:0008271	Metabolism	Transporters	secondary active sulfate transmembrane transporter activity	F	AT4G02700
30744	6	M23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G56490
30745	6	M23 vs. S23	S2-3 up	GO:0015116	Metabolism	Transporters	sulfate transmembrane transporter activity	F	AT4G02700
30746	6	M23 vs. S23	S2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G26570
30747	6	M23 vs. S23	S2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT4G02700
30748	6	M23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G33170
30749	6	M23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G27720
30750	6	M23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G01320
30751	6	M23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G36830
30752	6	M23 vs. S23	S2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G47530
30753	6	M23 vs. S23	S2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G75500
30754	6	M23 vs. S23	S2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT2G36830
30755	6	M23 vs. S23	S2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT2G36830
30756	6	M23 vs. S23	S2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G36830
30757	6	M23 vs. S23	S2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT2G36830
30758	6	M23 vs. S23	S2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT1G47530
30759	6	M23 vs. S23	S2-3 up	GO:0022883	Metabolism	Transporters	zinc efflux transmembrane transporter activity	F	AT2G48020
30760	6	M23 vs. S23	S2-3 up	GO:0006829	Metabolism	Transporters	zinc ion transport	P	AT2G48020
30761	6	M23 vs. S23	S2-3 up	GO:0033185	Regulation	Protein modification	dolichol-phosphate-mannose synthase complex	C	AT1G74340
30762	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G74340
30763	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34585
30764	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35370
30765	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G14730

30766	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G52240
30767	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G55940
30768	6	M23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G58640
30769	6	M23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G33170
30770	6	M23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT1G74340
30771	6	M23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT3G16410
30772	6	M23 vs. S23	S2-3 up	GO:0072546	Regulation	Protein modification	ER membrane protein complex	C	AT5G55940
30773	6	M23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G33170
30774	6	M23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47110
30775	6	M23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G20890
30776	6	M23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G27720
30777	6	M23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G52240
30778	6	M23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G33170
30779	6	M23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G54160
30780	6	M23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G21170
30781	6	M23 vs. S23	S2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT4G21280
30782	6	M23 vs. S23	S2-3 up	GO:0051259	Regulation	Protein modification	protein complex oligomerization	P	AT1G07400
30783	6	M23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G24260
30784	6	M23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G61660
30785	6	M23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G00480
30786	6	M23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G54160
30787	6	M23 vs. S23	S2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT4G33040
30788	6	M23 vs. S23	S2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT5G10450
30789	6	M23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT1G07400
30790	6	M23 vs. S23	S2-3 up	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT1G19550
30791	6	M23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G74340
30792	6	M23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G65360
30793	6	M23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G08060
30794	6	M23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT1G07400
30795	6	M23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT1G31500
30796	6	M23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G01670
30797	6	M23 vs. S23	S2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT2G47110
30798	6	M23 vs. S23	S2-3 up	GO:0033743	Regulation	Protein modification	peptide-methionine (R)-S-oxide reductase activity	F	AT4G04840
30799	6	M23 vs. S23	S2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G01610
30800	6	M23 vs. S23	S2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62350
30801	6	M23 vs. S23	S2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62360
30802	6	M23 vs. S23	S2-3 up	GO:0030308	Regulation	Regulation	negative regulation of cell growth	P	AT5G52240
30803	6	M23 vs. S23	S2-3 up	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT2G31070
30804	6	M23 vs. S23	S2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G60910
30805	6	M23 vs. S23	S2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G62000
30806	6	M23 vs. S23	S2-3 up	GO:1903288	Regulation	Regulation	positive regulation of potassium ion import across plasma membrane	P	AT5G62000
30807	6	M23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT2G45190
30808	6	M23 vs. S23	S2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT2G45190
30809	6	M23 vs. S23	S2-3 up	GO:2000025	Regulation	Regulation	regulation of leaf formation	P	AT2G42200
30810	6	M23 vs. S23	S2-3 up	GO:2000214	Regulation	Regulation	regulation of proline metabolic process	P	AT1G61660
30811	6	M23 vs. S23	S2-3 up	GO:2000032	Regulation	Regulation	regulation of secondary shoot formation	P	AT2G31070
30812	6	M23 vs. S23	S2-3 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT2G45190
30813	6	M23 vs. S23	S2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT2G31070
30814	6	M23 vs. S23	S2-3 up	GO:0006338	Regulation	Transcription	chromatin remodeling	P	AT4G26630
30815	6	M23 vs. S23	S2-3 up	GO:0006342	Regulation	Transcription	chromatin silencing	P	AT1G08060
30816	6	M23 vs. S23	S2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT1G61660
30817	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G20693
30818	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G24260
30819	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G30330

30820	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G61660
30821	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G76580
30822	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G23760
30823	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G28510
30824	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G31070
30825	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42200
30826	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G45190
30827	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G16500
30828	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G50410
30829	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G00480
30830	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G37790
30831	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G06710
30832	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G37020
30833	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G60910
30834	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G62000
30835	6	M23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G65670
30836	6	M23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT3G57080
30837	6	M23 vs. S23	S2-3 up	GO:0031047	Regulation	Transcription	gene silencing by RNA	P	AT1G08060
30838	6	M23 vs. S23	S2-3 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT1G08060
30839	6	M23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G09550
30840	6	M23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G26630
30841	6	M23 vs. S23	S2-3 up	GO:0006344	Regulation	Transcription	maintenance of chromatin silencing	P	AT1G08060
30842	6	M23 vs. S23	S2-3 up	GO:0045814	Regulation	Transcription	negative regulation of gene expression, epigenetic	P	AT1G08060
30843	6	M23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G26630
30844	6	M23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G62000
30845	6	M23 vs. S23	S2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT1G31500
30846	6	M23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G28510
30847	6	M23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G44120
30848	6	M23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G09500
30849	6	M23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G49910
30850	6	M23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G53020
30851	6	M23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G09810
30852	6	M23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G24260
30853	6	M23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G26730
30854	6	M23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G60910
30855	6	M23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G61660
30856	6	M23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G50410
30857	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G30330
30858	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G76580
30859	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G23760
30860	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G28510
30861	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31070
30862	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G42200
30863	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G16500
30864	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G00480
30865	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37790
30866	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G06710
30867	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G37020
30868	6	M23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G65670
30869	6	M23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G31500
30870	6	M23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G49910
30871	6	M23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G53020
30872	6	M23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G26480

30873	6	M23 vs. S23	S2-3 up	GO:0001054	Regulation	Transcription	RNA polymerase I activity	F	AT3G57080
30874	6	M23 vs. S23	S2-3 up	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT3G57080
30875	6	M23 vs. S23	S2-3 up	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT1G61660
30876	6	M23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G24260
30877	6	M23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT5G60910
30878	6	M23 vs. S23	S2-3 up	GO:0001056	Regulation	Transcription	RNA polymerase III activity	F	AT3G57080
30879	6	M23 vs. S23	S2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT3G57080
30880	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G24260
30881	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G61660
30882	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G31070
30883	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G27810
30884	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G37020
30885	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G60910
30886	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G62000
30887	6	M23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G65670
30888	6	M23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G24260
30889	6	M23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G60910
30890	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G24260
30891	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G76580
30892	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G28510
30893	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G26730
30894	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G50410
30895	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37790
30896	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G06710
30897	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G37020
30898	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G60910
30899	6	M23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G65670
30900	6	M23 vs. S23	S2-3 up	GO:1902626	Regulation	Translation	assembly of large subunit precursor of preribosome	P	AT3G53020
30901	6	M23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT3G49910
30902	6	M23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G44120
30903	6	M23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G09500
30904	6	M23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G49910
30905	6	M23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G53020
30906	6	M23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G02610
30907	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G44120
30908	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G18080
30909	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G49910
30910	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G02610
30911	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G28060
30912	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G47930
30913	6	M23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G61170
30914	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G19720
30915	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G47110
30916	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G45030
30917	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G27700
30918	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G28060
30919	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G47930
30920	6	M23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G61170
30921	6	M23 vs. S23	S2-3 up	GO:0000447	Regulation	Translation	endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G27700

30922	6	M23 vs. S23	S2-3 up	GO:0000461	Regulation	Translation	endonucleolytic cleavage to generate mature 3'-end of SSU-rRNA from (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G27700
30923	6	M23 vs. S23	S2-3 up	GO:0004532	Regulation	Translation	exoribonuclease activity	F	AT1G31500
30924	6	M23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G44120
30925	6	M23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G09500
30926	6	M23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G02610
30927	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G48110
30928	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G44120
30929	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G09500
30930	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G49910
30931	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G53020
30932	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G61690
30933	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G20890
30934	6	M23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G02610
30935	6	M23 vs. S23	S2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT1G31500
30936	6	M23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT3G53020
30937	6	M23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT3G49910
30938	6	M23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G47930
30939	6	M23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G61170
30940	6	M23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G06040
30941	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G19720
30942	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G44120
30943	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G06040
30944	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G45030
30945	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G49910
30946	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53020
30947	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G02610
30948	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G27700
30949	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G47930
30950	6	M23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G61170
30951	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G19720
30952	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G47110
30953	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G06040
30954	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G09500
30955	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G53020
30956	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G02610
30957	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G27700
30958	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G28060
30959	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G47930
30960	6	M23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G61170
30961	6	M23 vs. S23	S2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G24890
30962	6	M23 vs. S23	S2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT3G06030
30963	6	M23 vs. S23	S2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT1G75500
30964	6	M23 vs. S23	S2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT5G25620
30965	6	M23 vs. S23	S2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G75500
30966	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G30330
30967	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G75500
30968	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G16500
30969	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G53020
30970	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G37020
30971	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G62000
30972	6	M23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G65670

30973	6	M23 vs. S23	S2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT5G10450
30974	6	M23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G12310
30975	6	M23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G21280
30976	6	M23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G19450
30977	6	M23 vs. S23	S2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT4G33950
30978	6	M23 vs. S23	S2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT5G19450
30979	6	M23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G19450
30980	6	M23 vs. S23	S2-3 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT5G19450
30981	6	M23 vs. S23	S2-3 up	GO:0071244	Signaling and response	Signaling	cellular response to carbon dioxide	P	AT4G33950
30982	6	M23 vs. S23	S2-3 up	GO:0071249	Signaling and response	Signaling	cellular response to nitrate	P	AT3G60320
30983	6	M23 vs. S23	S2-3 up	GO:0043562	Signaling and response	Signaling	cellular response to nitrogen levels	P	AT5G21170
30984	6	M23 vs. S23	S2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT4G24890
30985	6	M23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G36830
30986	6	M23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT3G27810
30987	6	M23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT4G33950
30988	6	M23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT5G19450
30989	6	M23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G27810
30990	6	M23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G05205
30991	6	M23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G33950
30992	6	M23 vs. S23	S2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT2G44670
30993	6	M23 vs. S23	S2-3 up	GO:0004709	Signaling and response	Signaling	MAP kinase kinase kinase activity	F	AT3G06030
30994	6	M23 vs. S23	S2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT5G19450
30995	6	M23 vs. S23	S2-3 up	GO:0090355	Signaling and response	Signaling	positive regulation of auxin metabolic process	P	AT1G75500
30996	6	M23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G06030
30997	6	M23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G33950
30998	6	M23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G19450
30999	6	M23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G33950
31000	6	M23 vs. S23	S2-3 up	GO:0019887	Signaling and response	Signaling	protein kinase regulator activity	F	AT5G21170
31001	6	M23 vs. S23	S2-3 up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT5G05440
31002	6	M23 vs. S23	S2-3 up	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT5G10450
31003	6	M23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G33950
31004	6	M23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G19450
31005	6	M23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G06030
31006	6	M23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G33950
31007	6	M23 vs. S23	S2-3 up	GO:0047134	Signaling and response	Signaling	protein-disulfide reductase activity	F	AT5G25620
31008	6	M23 vs. S23	S2-3 up	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT1G62450
31009	6	M23 vs. S23	S2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT3G27810
31010	6	M23 vs. S23	S2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT1G31500
31011	6	M23 vs. S23	S2-3 up	GO:0080163	Signaling and response	Signaling	regulation of protein serine/threonine phosphatase activity	P	AT5G05440
31012	6	M23 vs. S23	S2-3 up	GO:0048838	Signaling and response	Signaling	release of seed from dormancy	P	AT4G19230
31013	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G30330
31014	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G03840
31015	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G16500
31016	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G50410
31017	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G09810
31018	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G37020
31019	6	M23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G65670
31020	6	M23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G24530
31021	6	M23 vs. S23	S2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT3G61460
31022	6	M23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G20890
31023	6	M23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G10450
31024	6	M23 vs. S23	S2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G61460
31025	6	M23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT4G37790

31026	6	M23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G24210
31027	6	M23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G27810
31028	6	M23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G47930
31029	6	M23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G07090
31030	6	M23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G09810
31031	6	M23 vs. S23	S2-3 up	GO:0010038	Signaling and response	Signaling	response to metal ion	P	AT2G33740
31032	6	M23 vs. S23	S2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT3G60320
31033	6	M23 vs. S23	S2-3 up	GO:1901698	Signaling and response	Signaling	response to nitrogen compound	P	AT3G60320
31034	6	M23 vs. S23	S2-3 up	GO:0080184	Signaling and response	Signaling	response to phenylpropanoid	P	AT2G01520
31035	6	M23 vs. S23	S2-3 up	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT4G19230
31036	6	M23 vs. S23	S2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT3G50410
31037	6	M23 vs. S23	S2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G24530
31038	6	M23 vs. S23	S2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT2G01520
31039	6	M23 vs. S23	S2-3 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT1G62450
31040	6	M23 vs. S23	S2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT3G06030
31041	6	M23 vs. S23	S2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT5G05440
31042	6	M23 vs. S23	S2-3 up	GO:0005496	Signaling and response	Signaling	steroid binding	F	AT5G52240
31043	6	M23 vs. S23	S2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G15440
31044	6	M23 vs. S23	S2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G19230
31045	6	M23 vs. S23	S2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT4G33950
31046	6	M23 vs. S23	S2-3 up	GO:0010295	Signaling and response	Stress	(+)-abscisic acid 8'-hydroxylase activity	F	AT4G19230
31047	6	M23 vs. S23	S2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT5G08000
31048	6	M23 vs. S23	S2-3 up	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT5G05440
31049	6	M23 vs. S23	S2-3 up	GO:0046345	Signaling and response	Stress	abscisic acid catabolic process	P	AT4G19230
31050	6	M23 vs. S23	S2-3 up	GO:0009687	Signaling and response	Stress	abscisic acid metabolic process	P	AT4G19230
31051	6	M23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT4G33950
31052	6	M23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT4G37790
31053	6	M23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G05440
31054	6	M23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G54660
31055	6	M23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G33040
31056	6	M23 vs. S23	S2-3 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT1G19550
31057	6	M23 vs. S23	S2-3 up	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT1G61660
31058	6	M23 vs. S23	S2-3 up	GO:0071485	Signaling and response	Stress	cellular response to absence of light	P	AT4G33950
31059	6	M23 vs. S23	S2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT1G61660
31060	6	M23 vs. S23	S2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G03680
31061	6	M23 vs. S23	S2-3 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT4G14730
31062	6	M23 vs. S23	S2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G61660
31063	6	M23 vs. S23	S2-3 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT1G79650
31064	6	M23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G75500
31065	6	M23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G01520
31066	6	M23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02100
31067	6	M23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02130
31068	6	M23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G08060
31069	6	M23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G32260
31070	6	M23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G33950
31071	6	M23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G10450
31072	6	M23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G24530
31073	6	M23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02100
31074	6	M23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02130
31075	6	M23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G19230
31076	6	M23 vs. S23	S2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G24530
31077	6	M23 vs. S23	S2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT5G25620
31078	6	M23 vs. S23	S2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G24530
31079	6	M23 vs. S23	S2-3 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT5G54160
31080	6	M23 vs. S23	S2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G68570
31081	6	M23 vs. S23	S2-3 up	GO:0045174	Signaling and response	Stress	glutathione dehydrogenase (ascorbate) activity	F	AT1G19550

31082	6	M23 vs. S23	S2-3 up	GO:0016756	Signaling and response	Stress	glutathione gamma-glutamylcysteinyltransferase activity	F	AT4G39640
31083	6	M23 vs. S23	S2-3 up	GO:0036374	Signaling and response	Stress	glutathione hydrolase activity	F	AT4G39640
31084	6	M23 vs. S23	S2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G54660
31085	6	M23 vs. S23	S2-3 up	GO:0004362	Signaling and response	Stress	glutathione-disulfide reductase activity	F	AT3G54660
31086	6	M23 vs. S23	S2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT2G36830
31087	6	M23 vs. S23	S2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02100
31088	6	M23 vs. S23	S2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02130
31089	6	M23 vs. S23	S2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT5G41560
31090	6	M23 vs. S23	S2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT4G33950
31091	6	M23 vs. S23	S2-3 up	GO:0030091	Signaling and response	Stress	protein repair	P	AT4G04840
31092	6	M23 vs. S23	S2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT1G61660
31093	6	M23 vs. S23	S2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT4G33950
31094	6	M23 vs. S23	S2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT4G05590
31095	6	M23 vs. S23	S2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT4G33950
31096	6	M23 vs. S23	S2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G33950
31097	6	M23 vs. S23	S2-3 up	GO:1902456	Signaling and response	Stress	regulation of stomatal opening	P	AT4G33950
31098	6	M23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G26110
31099	6	M23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G33950
31100	6	M23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G37790
31101	6	M23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G62000
31102	6	M23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G49910
31103	6	M23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G34150
31104	6	M23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G10450
31105	6	M23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G65670
31106	6	M23 vs. S23	S2-3 up	GO:0050826	Signaling and response	Stress	response to freezing	P	AT5G10450
31107	6	M23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G24530
31108	6	M23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G07400
31109	6	M23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G08000
31110	6	M23 vs. S23	S2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT2G24210
31111	6	M23 vs. S23	S2-3 up	GO:0002239	Signaling and response	Stress	response to oomycetes	P	AT5G24530
31112	6	M23 vs. S23	S2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G33950
31113	6	M23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G07400
31114	6	M23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G04840
31115	6	M23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G39640
31116	6	M23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G19875
31117	6	M23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G25620
31118	6	M23 vs. S23	S2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G07400
31119	6	M23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G07400
31120	6	M23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G36830
31121	6	M23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G23490
31122	6	M23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G26630
31123	6	M23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G33950
31124	6	M23 vs. S23	S2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT2G44670
31125	6	M23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G33950
31126	6	M23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G37790
31127	6	M23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G65730
31128	6	M23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G24210
31129	6	M23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G15440
31130	6	M23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G24350
31131	6	M23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G09810
31132	6	M23 vs. S23	S2-3 up	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT1G62450

31133	6	M23 vs. S23	S2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G05180
31134	6	M23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT1G07400
31135	7	F23 vs. S23	F2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT1G07500
31136	7	F23 vs. S23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G18780
31137	7	F23 vs. S23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G11280
31138	7	F23 vs. S23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G17500
31139	7	F23 vs. S23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G09810
31140	7	F23 vs. S23	F2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G50320
31141	7	F23 vs. S23	F2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT1G09600
31142	7	F23 vs. S23	F2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G09600
31143	7	F23 vs. S23	F2-3 up	GO:0000911	Development	Cell division	cytokinesis by cell plate formation	P	AT4G01370
31144	7	F23 vs. S23	F2-3 up	GO:0009294	Development	Cell division	DNA mediated transformation	P	AT1G43700
31145	7	F23 vs. S23	F2-3 up	GO:0009294	Development	Cell division	DNA mediated transformation	P	AT5G50320
31146	7	F23 vs. S23	F2-3 up	GO:0030337	Development	Cell division	DNA polymerase processivity factor activity	F	AT1G07370
31147	7	F23 vs. S23	F2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT3G50000
31148	7	F23 vs. S23	F2-3 up	GO:0008309	Development	Cell division	double-stranded DNA exodeoxyribonuclease activity	F	AT1G11190
31149	7	F23 vs. S23	F2-3 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT1G11190
31150	7	F23 vs. S23	F2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT1G23190
31151	7	F23 vs. S23	F2-3 up	GO:0006272	Development	Cell division	leading strand elongation	P	AT1G07370
31152	7	F23 vs. S23	F2-3 up	GO:0048232	Development	Cell division	male gamete generation	P	AT2G14750
31153	7	F23 vs. S23	F2-3 up	GO:0048232	Development	Cell division	male gamete generation	P	AT4G39940
31154	7	F23 vs. S23	F2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT4G01370
31155	7	F23 vs. S23	F2-3 up	GO:0009561	Development	Cell division	megagametogenesis	P	AT4G34200
31156	7	F23 vs. S23	F2-3 up	GO:0033206	Development	Cell division	meiotic cytokinesis	P	AT1G14920
31157	7	F23 vs. S23	F2-3 up	GO:0009556	Development	Cell division	microsporogenesis	P	AT2G13680
31158	7	F23 vs. S23	F2-3 up	GO:0009556	Development	Cell division	microsporogenesis	P	AT3G08510
31159	7	F23 vs. S23	F2-3 up	GO:0006298	Development	Cell division	mismatch repair	P	AT1G07370
31160	7	F23 vs. S23	F2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT1G64740
31161	7	F23 vs. S23	F2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT4G20890
31162	7	F23 vs. S23	F2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT5G01450
31163	7	F23 vs. S23	F2-3 up	GO:0045786	Development	Cell division	negative regulation of cell cycle	P	AT1G07500
31164	7	F23 vs. S23	F2-3 up	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT3G08730
31165	7	F23 vs. S23	F2-3 up	GO:0045839	Development	Cell division	negative regulation of mitotic nuclear division	P	AT1G07500
31166	7	F23 vs. S23	F2-3 up	GO:0004518	Development	Cell division	nuclease activity	F	AT1G19660
31167	7	F23 vs. S23	F2-3 up	GO:0009142	Development	Cell division	nucleoside triphosphate biosynthetic process	P	AT5G23250
31168	7	F23 vs. S23	F2-3 up	GO:0017110	Development	Cell division	nucleoside-diphosphatase activity	F	AT5G18280
31169	7	F23 vs. S23	F2-3 up	GO:0008252	Development	Cell division	nucleotidase activity	F	AT4G14930
31170	7	F23 vs. S23	F2-3 up	GO:0000166	Development	Cell division	nucleotide binding	F	AT5G23250
31171	7	F23 vs. S23	F2-3 up	GO:0009226	Development	Cell division	nucleotide-sugar biosynthetic process	P	AT2G27860
31172	7	F23 vs. S23	F2-3 up	GO:0016779	Development	Cell division	nucleotidyltransferase activity	F	AT3G13410
31173	7	F23 vs. S23	F2-3 up	GO:0043626	Development	Cell division	PCNA complex	C	AT1G07370
31174	7	F23 vs. S23	F2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT2G34790
31175	7	F23 vs. S23	F2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT2G35940
31176	7	F23 vs. S23	F2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT4G14040
31177	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT1G64980
31178	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G13680
31179	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G17420
31180	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G26490
31181	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT2G33100
31182	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT3G56960
31183	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT5G07410
31184	7	F23 vs. S23	F2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT5G18280
31185	7	F23 vs. S23	F2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT1G24520

31186	7	F23 vs. S23	F2-3 up	GO:0048235	Development	Cell division	pollen sperm cell differentiation	P	AT1G68610
31187	7	F23 vs. S23	F2-3 up	GO:0048868	Development	Cell division	pollen tube development	P	AT2G34850
31188	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G03050
31189	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G10770
31190	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G53000
31191	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G54280
31192	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G54560
31193	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G61290
31194	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G64980
31195	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G13680
31196	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G36880
31197	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G41970
31198	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G47040
31199	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G01700
31200	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G05580
31201	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G12690
31202	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G18000
31203	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G56960
31204	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT4G14880
31205	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT4G17530
31206	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G14380
31207	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G15470
31208	7	F23 vs. S23	F2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT5G52360
31209	7	F23 vs. S23	F2-3 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT3G18000
31210	7	F23 vs. S23	F2-3 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT5G45840
31211	7	F23 vs. S23	F2-3 up	GO:0051781	Development	Cell division	positive regulation of cell division	P	AT2G17420
31212	7	F23 vs. S23	F2-3 up	GO:0008284	Development	Cell division	positive regulation of cell population proliferation	P	AT3G07870
31213	7	F23 vs. S23	F2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT1G07370
31214	7	F23 vs. S23	F2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT3G50000
31215	7	F23 vs. S23	F2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT1G07500
31216	7	F23 vs. S23	F2-3 up	GO:0006275	Development	Cell division	regulation of DNA replication	P	AT1G07370
31217	7	F23 vs. S23	F2-3 up	GO:0004751	Development	Cell division	ribose-5-phosphate isomerase activity	F	AT2G01290
31218	7	F23 vs. S23	F2-3 up	GO:0004751	Development	Cell division	ribose-5-phosphate isomerase activity	F	AT3G04790
31219	7	F23 vs. S23	F2-3 up	GO:0004750	Development	Cell division	ribulose-phosphate 3-epimerase activity	F	AT5G61410
31220	7	F23 vs. S23	F2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT1G21760
31221	7	F23 vs. S23	F2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT1G77000
31222	7	F23 vs. S23	F2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G27920
31223	7	F23 vs. S23	F2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G67250
31224	7	F23 vs. S23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT3G60570
31225	7	F23 vs. S23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT4G17030
31226	7	F23 vs. S23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT4G38400
31227	7	F23 vs. S23	F2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT5G07550
31228	7	F23 vs. S23	F2-3 up	GO:0007338	Development	Cell division	single fertilization	P	AT1G64980
31229	7	F23 vs. S23	F2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G59180
31230	7	F23 vs. S23	F2-3 up	GO:0000014	Development	Cell division	single-stranded DNA endodeoxyribonuclease activity	F	AT1G11190
31231	7	F23 vs. S23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT1G26770
31232	7	F23 vs. S23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT1G69530
31233	7	F23 vs. S23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G39700
31234	7	F23 vs. S23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT4G26260
31235	7	F23 vs. S23	F2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT5G56640
31236	7	F23 vs. S23	F2-3 up	GO:0043765	Development	Cell division	T/G mismatch-specific endonuclease activity	F	AT1G11190
31237	7	F23 vs. S23	F2-3 up	GO:0019079	Development	Cell division	viral genome replication	P	AT3G02470
31238	7	F23 vs. S23	F2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT1G01780
31239	7	F23 vs. S23	F2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT2G45800
31240	7	F23 vs. S23	F2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT3G61230

31241	7	F23 vs. S23	F2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT2G19770
31242	7	F23 vs. S23	F2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT3G13870
31243	7	F23 vs. S23	F2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT4G34490
31244	7	F23 vs. S23	F2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT5G59370
31245	7	F23 vs. S23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT1G64500
31246	7	F23 vs. S23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT4G25590
31247	7	F23 vs. S23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT5G11710
31248	7	F23 vs. S23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT5G52360
31249	7	F23 vs. S23	F2-3 up	GO:0005884	Development	Development	actin filament	C	AT5G55400
31250	7	F23 vs. S23	F2-3 up	GO:0032432	Development	Development	actin filament bundle	C	AT5G55400
31251	7	F23 vs. S23	F2-3 up	GO:0009943	Development	Development	adaxial/abaxial axis specification	P	AT1G79440
31252	7	F23 vs. S23	F2-3 up	GO:0009501	Development	Development	amyloplast	C	AT3G01180
31253	7	F23 vs. S23	F2-3 up	GO:0009501	Development	Development	amyloplast	C	AT4G31990
31254	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G24520
31255	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G59970
31256	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G65240
31257	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G22470
31258	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G24450
31259	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G01700
31260	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20580
31261	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G20865
31262	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G57690
31263	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G14380
31264	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G22430
31265	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G40730
31266	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G53250
31267	7	F23 vs. S23	F2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G58050
31268	7	F23 vs. S23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT1G65240
31269	7	F23 vs. S23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G24450
31270	7	F23 vs. S23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT4G20260
31271	7	F23 vs. S23	F2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G06320
31272	7	F23 vs. S23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT1G72520
31273	7	F23 vs. S23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT4G25640
31274	7	F23 vs. S23	F2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT5G50800
31275	7	F23 vs. S23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT1G72520
31276	7	F23 vs. S23	F2-3 up	GO:0048653	Development	Development	anther development	P	AT3G48520
31277	7	F23 vs. S23	F2-3 up	GO:0048658	Development	Development	anther wall tapetum development	P	AT5G50260
31278	7	F23 vs. S23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT2G21480
31279	7	F23 vs. S23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT3G07960
31280	7	F23 vs. S23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT3G56960
31281	7	F23 vs. S23	F2-3 up	GO:0016324	Development	Development	apical plasma membrane	C	AT4G39110
31282	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G09310
31283	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G09340
31284	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G09560
31285	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G11860
31286	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G20020
31287	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G20620
31288	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G23310
31289	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G23740
31290	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G28270
31291	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G32060
31292	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G41830
31293	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G42970
31294	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G45130
31295	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G47128
31296	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G48030

31297	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G53310
31298	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G62750
31299	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G65930
31300	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G66200
31301	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G68010
31302	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G78370
31303	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G01850
31304	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G15620
31305	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G21330
31306	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G26080
31307	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G39730
31308	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G43570
31309	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT2G44450
31310	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G01500
31311	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G02970
31312	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G03780
31313	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G04120
31314	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G05930
31315	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G09440
31316	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G10740
31317	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G12780
31318	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G14310
31319	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G14420
31320	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G14940
31321	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G26650
31322	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G44990
31323	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G52880
31324	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G54050
31325	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G55440
31326	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G55800
31327	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G14880
31328	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G30270
31329	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G31990
31330	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G33010
31331	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G35010
31332	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G37930
31333	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G38740
31334	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G38970
31335	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G04140
31336	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G08370
31337	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G09550
31338	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G09660
31339	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G11670
31340	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G14740
31341	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G20010
31342	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G25980
31343	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G26700
31344	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G35630
31345	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G38420
31346	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G49360
31347	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G52360
31348	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G56870
31349	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G57560
31350	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G58330
31351	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G61410
31352	7	F23 vs. S23	F2-3 up	GO:0048046	Development	Development	apoplast	C	ATCG00490

31353	7	F23 vs. S23	F2-3 up	GO:0048226	Development	Development	Casparian strip	C	AT4G15620
31354	7	F23 vs. S23	F2-3 up	GO:0048226	Development	Development	Casparian strip	C	AT4G15630
31355	7	F23 vs. S23	F2-3 up	GO:0005623	Development	Development	cell	C	AT1G13900
31356	7	F23 vs. S23	F2-3 up	GO:0005623	Development	Development	cell	C	AT3G25690
31357	7	F23 vs. S23	F2-3 up	GO:0005623	Development	Development	cell	C	AT3G52850
31358	7	F23 vs. S23	F2-3 up	GO:0005623	Development	Development	cell	C	AT5G20010
31359	7	F23 vs. S23	F2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT1G78240
31360	7	F23 vs. S23	F2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT3G25140
31361	7	F23 vs. S23	F2-3 up	GO:0005938	Development	Development	cell cortex	C	AT2G19770
31362	7	F23 vs. S23	F2-3 up	GO:0005938	Development	Development	cell cortex	C	AT4G29340
31363	7	F23 vs. S23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT1G69120
31364	7	F23 vs. S23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G15030
31365	7	F23 vs. S23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G54340
31366	7	F23 vs. S23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G36710
31367	7	F23 vs. S23	F2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G20240
31368	7	F23 vs. S23	F2-3 up	GO:0000902	Development	Development	cell morphogenesis	P	AT4G34490
31369	7	F23 vs. S23	F2-3 up	GO:0009504	Development	Development	cell plate	C	AT3G46830
31370	7	F23 vs. S23	F2-3 up	GO:0009504	Development	Development	cell plate	C	AT4G01370
31371	7	F23 vs. S23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT1G70940
31372	7	F23 vs. S23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT2G38750
31373	7	F23 vs. S23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT3G17790
31374	7	F23 vs. S23	F2-3 up	GO:0009986	Development	Development	cell surface	C	AT3G45780
31375	7	F23 vs. S23	F2-3 up	GO:0009932	Development	Development	cell tip growth	P	AT3G13870
31376	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G02790
31377	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G03230
31378	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G09560
31379	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20190
31380	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20620
31381	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20630
31382	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G20850
31383	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G26770
31384	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G41830
31385	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G45130
31386	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G48100
31387	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G69530
31388	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G78900
31389	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G01850
31390	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02990
31391	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G05710
31392	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G16430
31393	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G20870
31394	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G21140
31395	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G34790
31396	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G37620
31397	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G39730
31398	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G43050
31399	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G44450
31400	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G47040
31401	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G47550
31402	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G02230
31403	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G05930
31404	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G07850
31405	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G09440
31406	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G12580
31407	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G12780
31408	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G14310

31409	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G15360
31410	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G17060
31411	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G17390
31412	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G18080
31413	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G29030
31414	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G43270
31415	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G44990
31416	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G51600
31417	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G55440
31418	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G60570
31419	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G62170
31420	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G00230
31421	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G01850
31422	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G13990
31423	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G19410
31424	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G19810
31425	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G30270
31426	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G33220
31427	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G35010
31428	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G38770
31429	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G07410
31430	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G07420
31431	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G07430
31432	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G09810
31433	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G11670
31434	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G14040
31435	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G20010
31436	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G22460
31437	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G26700
31438	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G37600
31439	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G56870
31440	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G57560
31441	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G66760
31442	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	ATCG00480
31443	7	F23 vs. S23	F2-3 up	GO:0005618	Development	Development	cell wall	C	ATCG00490
31444	7	F23 vs. S23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT2G01850
31445	7	F23 vs. S23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G44990
31446	7	F23 vs. S23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G23920
31447	7	F23 vs. S23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G30270
31448	7	F23 vs. S23	F2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G57560
31449	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT2G26450
31450	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT2G43050
31451	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT2G47040
31452	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT2G47550
31453	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G05610
31454	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G14310
31455	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G17060
31456	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G29090
31457	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G43270
31458	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT3G62170
31459	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT4G15620
31460	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT4G15630
31461	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT4G33220
31462	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G07410
31463	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G07420
31464	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G07430

31465	7	F23 vs. S23	F2-3 up	GO:0042545	Development	Development	cell wall modification	P	AT5G53370
31466	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G02790
31467	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G12780
31468	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G19940
31469	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G53000
31470	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G55850
31471	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G60590
31472	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G63180
31473	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G64390
31474	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G01850
31475	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G13680
31476	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G23900
31477	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G27860
31478	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G28110
31479	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G32530
31480	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G33100
31481	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G44500
31482	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G02230
31483	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G06260
31484	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07820
31485	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07830
31486	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07840
31487	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G07850
31488	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G28180
31489	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G44990
31490	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G60570
31491	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G13840
31492	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G16590
31493	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G19410
31494	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G19420
31495	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G23920
31496	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G24510
31497	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G32410
31498	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G39350
31499	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G05170
31500	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G08370
31501	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G16510
31502	7	F23 vs. S23	F2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G48140
31503	7	F23 vs. S23	F2-3 up	GO:0052546	Development	Development	cell wall pectin metabolic process	P	AT3G29360
31504	7	F23 vs. S23	F2-3 up	GO:0007043	Development	Development	cell-cell junction assembly	P	AT4G15620
31505	7	F23 vs. S23	F2-3 up	GO:0007043	Development	Development	cell-cell junction assembly	P	AT4G15630
31506	7	F23 vs. S23	F2-3 up	GO:0005575	Development	Development	cellular_component	C	AT2G05910
31507	7	F23 vs. S23	F2-3 up	GO:0005575	Development	Development	cellular_component	C	AT4G29780
31508	7	F23 vs. S23	F2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G55250
31509	7	F23 vs. S23	F2-3 up	GO:0000785	Development	Development	chromatin	C	AT5G63860
31510	7	F23 vs. S23	F2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT3G50000
31511	7	F23 vs. S23	F2-3 up	GO:0009661	Development	Development	chromoplast organization	P	AT5G61670
31512	7	F23 vs. S23	F2-3 up	GO:0005801	Development	Development	cis-Golgi network	C	AT1G15880
31513	7	F23 vs. S23	F2-3 up	GO:0048268	Development	Development	clathrin coat assembly	P	AT1G03050
31514	7	F23 vs. S23	F2-3 up	GO:0048268	Development	Development	clathrin coat assembly	P	AT1G25240
31515	7	F23 vs. S23	F2-3 up	GO:0032050	Development	Development	clathrin heavy chain binding	F	AT1G03050
31516	7	F23 vs. S23	F2-3 up	GO:0032050	Development	Development	clathrin heavy chain binding	F	AT1G25240
31517	7	F23 vs. S23	F2-3 up	GO:0045334	Development	Development	clathrin-coated endocytic vesicle	C	AT1G03050
31518	7	F23 vs. S23	F2-3 up	GO:0005905	Development	Development	clathrin-coated pit	C	AT1G03050
31519	7	F23 vs. S23	F2-3 up	GO:0005905	Development	Development	clathrin-coated pit	C	AT1G25240
31520	7	F23 vs. S23	F2-3 up	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT1G03050

31521	7	F23 vs. S23	F2-3 up	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT1G25240
31522	7	F23 vs. S23	F2-3 up	GO:0030136	Development	Development	clathrin-coated vesicle	C	AT5G11710
31523	7	F23 vs. S23	F2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT1G03050
31524	7	F23 vs. S23	F2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT1G25240
31525	7	F23 vs. S23	F2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT3G07960
31526	7	F23 vs. S23	F2-3 up	GO:0030864	Development	Development	cortical actin cytoskeleton	C	AT4G34490
31527	7	F23 vs. S23	F2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT4G01370
31528	7	F23 vs. S23	F2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT4G20260
31529	7	F23 vs. S23	F2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT1G79440
31530	7	F23 vs. S23	F2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT3G15030
31531	7	F23 vs. S23	F2-3 up	GO:0048826	Development	Development	cotyledon morphogenesis	P	AT3G15030
31532	7	F23 vs. S23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT1G01120
31533	7	F23 vs. S23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT1G02205
31534	7	F23 vs. S23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT1G68530
31535	7	F23 vs. S23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT2G26910
31536	7	F23 vs. S23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT2G46720
31537	7	F23 vs. S23	F2-3 up	GO:0042335	Development	Development	cuticle development	P	AT5G33370
31538	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01050
31539	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01120
31540	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G01780
31541	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G03495
31542	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G03850
31543	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04700
31544	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G05010
31545	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G06640
31546	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G06650
31547	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G07370
31548	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09430
31549	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09780
31550	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G11260
31551	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12010
31552	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12070
31553	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12230
31554	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G13060
31555	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G13890
31556	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G13900
31557	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15470
31558	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15500
31559	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G17430
31560	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18070
31561	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18150
31562	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18740
31563	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G20380
31564	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G21760
31565	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G22710
31566	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G22760
31567	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23190
31568	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23310
31569	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G25240
31570	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G26480
31571	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G27760
31572	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G28480
31573	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G28680
31574	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G29340
31575	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G30040
31576	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G30090

31577	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G31870
31578	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G32790
31579	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G35190
31580	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G48600
31581	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G49670
31582	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52360
31583	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G53310
31584	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G54290
31585	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G56500
31586	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G56580
31587	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G58180
31588	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G59730
31589	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G60440
31590	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G60810
31591	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G64190
31592	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G64740
31593	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G66200
31594	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G67480
31595	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68530
31596	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68570
31597	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G70580
31598	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G73500
31599	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G74090
31600	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78320
31601	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78370
31602	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78380
31603	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78900
31604	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80030
31605	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80360
31606	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80380
31607	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01290
31608	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G02390
31609	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G03410
31610	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G05710
31611	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G15310
31612	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17350
31613	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19770
31614	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G20560
31615	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G20860
31616	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G21250
31617	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G21820
31618	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22240
31619	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22470
31620	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22780
31621	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G23170
31622	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G23970
31623	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G24270
31624	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G24540
31625	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G25530
31626	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G26490
31627	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27450
31628	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27860
31629	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G29630
31630	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31500
31631	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G32260
31632	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G33410

31633	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35060
31634	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35840
31635	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35940
31636	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36460
31637	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36580
31638	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36880
31639	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37040
31640	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37110
31641	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37620
31642	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37760
31643	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37770
31644	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37790
31645	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37970
31646	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39400
31647	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39770
31648	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39890
31649	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40000
31650	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40230
31651	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G41970
31652	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G43920
31653	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44500
31654	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45530
31655	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45800
31656	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G46720
31657	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G46860
31658	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G47730
31659	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G01500
31660	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02360
31661	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02570
31662	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02770
31663	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02800
31664	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03190
31665	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03250
31666	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03430
31667	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G03780
31668	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04120
31669	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G05500
31670	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G05580
31671	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07090
31672	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07960
31673	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G08730
31674	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09440
31675	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11050
31676	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11930
31677	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12580
31678	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12690
31679	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12780
31680	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G13870
31681	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14130
31682	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14310
31683	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14420
31684	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14940
31685	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G15360
31686	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G15810
31687	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16050
31688	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16150

31689	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16800
31690	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G17390
31691	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G18000
31692	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G18780
31693	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G19710
31694	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G21560
31695	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22310
31696	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22400
31697	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22950
31698	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G23810
31699	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G24170
31700	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G24503
31701	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G26030
31702	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G26100
31703	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G29360
31704	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G44190
31705	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G44680
31706	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G45140
31707	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G45780
31708	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G46520
31709	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G46620
31710	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G47940
31711	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G48170
31712	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G51240
31713	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G52180
31714	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G52720
31715	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G52880
31716	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53620
31717	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53960
31718	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54050
31719	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54660
31720	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54700
31721	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55440
31722	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55610
31723	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55800
31724	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56240
31725	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G57050
31726	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61220
31727	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61230
31728	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62290
31729	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62960
31730	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G66658
31731	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G01370
31732	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G01480
31733	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G01850
31734	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02250
31735	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G04040
31736	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G11280
31737	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G13010
31738	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G13930
31739	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14880
31740	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14930
31741	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G15093
31742	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G16143
31743	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G16370
31744	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G16520

31745	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G17080
31746	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G18220
31747	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G20890
31748	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G21990
31749	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G22870
31750	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24120
31751	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24160
31752	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24380
31753	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25100
31754	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25420
31755	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25590
31756	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25640
31757	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25660
31758	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26080
31759	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26260
31760	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26470
31761	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G28680
31762	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G29340
31763	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G30270
31764	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G30550
31765	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G31290
31766	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G31300
31767	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33090
31768	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33150
31769	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G34230
31770	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G36250
31771	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G36750
31772	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G37990
31773	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G38740
31774	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39230
31775	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39800
31776	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39820
31777	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G40010
31778	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01410
31779	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01600
31780	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02270
31781	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02790
31782	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04180
31783	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04250
31784	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04710
31785	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G08100
31786	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G08640
31787	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09230
31788	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09550
31789	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09660
31790	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09810
31791	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G14740
31792	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G15450
31793	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G15740
31794	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16450
31795	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G17480
31796	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18280
31797	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18600
31798	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20010
31799	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20240
31800	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20620

31801	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20700
31802	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G22030
31803	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G22060
31804	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24760
31805	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G36160
31806	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G37600
31807	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G39320
31808	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G40690
31809	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G40780
31810	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G42050
31811	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G43380
31812	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G44110
31813	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47120
31814	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47540
31815	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47880
31816	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G48180
31817	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G49810
31818	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G50000
31819	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G50320
31820	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G50380
31821	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G51970
31822	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G52360
31823	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G53120
31824	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G53550
31825	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G53970
31826	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54080
31827	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54510
31828	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G54810
31829	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G55400
31830	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56640
31831	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56750
31832	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G57655
31833	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58330
31834	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58430
31835	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G59290
31836	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G59370
31837	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G61530
31838	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G63860
31839	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64050
31840	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G66420
31841	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67150
31842	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67160
31843	7	F23 vs. S23	F2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67250
31844	7	F23 vs. S23	F2-3 up	GO:0005881	Development	Development	cytoplasmic microtubule	C	AT4G20260
31845	7	F23 vs. S23	F2-3 up	GO:0009898	Development	Development	cytoplasmic side of plasma membrane	C	AT3G45780
31846	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT2G19770
31847	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT2G37620
31848	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G18780
31849	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G46520
31850	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT4G29340
31851	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G09810
31852	7	F23 vs. S23	F2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G59370
31853	7	F23 vs. S23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT2G37620
31854	7	F23 vs. S23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT3G46520
31855	7	F23 vs. S23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G09810
31856	7	F23 vs. S23	F2-3 up	GO:0007010	Development	Development	cytoskeleton organization	P	AT5G59370

31857	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G01050
31858	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G04700
31859	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G05010
31860	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G07370
31861	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09310
31862	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09340
31863	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09430
31864	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09780
31865	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G11840
31866	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G11910
31867	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G12010
31868	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G12070
31869	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G12780
31870	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G13060
31871	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G17745
31872	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G18070
31873	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20380
31874	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20620
31875	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20630
31876	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G22760
31877	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G23190
31878	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G23310
31879	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G31870
31880	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G43700
31881	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G48630
31882	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G52360
31883	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53000
31884	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53280
31885	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53310
31886	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53500
31887	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G54100
31888	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G54290
31889	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G60440
31890	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G60810
31891	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G63180
31892	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64190
31893	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64740
31894	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64980
31895	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G65930
31896	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G65960
31897	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G66200
31898	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G68010
31899	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G70310
31900	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G70580
31901	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G74450
31902	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G76130
31903	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G77090
31904	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78320
31905	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78370
31906	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78380
31907	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G78900
31908	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79440
31909	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G80360
31910	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G80460
31911	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G02390
31912	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G05710

31913	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16430
31914	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16500
31915	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G17420
31916	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G19570
31917	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G20560
31918	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G21250
31919	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G21330
31920	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G23970
31921	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G24270
31922	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G26080
31923	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G26740
31924	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G27860
31925	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G28305
31926	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G31390
31927	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G31750
31928	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G33210
31929	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G35840
31930	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36460
31931	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36580
31932	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36880
31933	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37130
31934	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37550
31935	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37620
31936	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37760
31937	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37770
31938	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37790
31939	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G39700
31940	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G39770
31941	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G40290
31942	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G40890
31943	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G41410
31944	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42490
31945	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42750
31946	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42790
31947	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G43820
31948	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G43920
31949	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44060
31950	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G45990
31951	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46500
31952	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46820
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31954	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G47730
31955	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G47910
31956	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G48020
31957	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G01500
31958	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02230
31959	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02360
31960	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02470
31961	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02570
31962	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02770
31963	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02780
31964	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03190
31965	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03250
31966	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03780
31967	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04120
31968	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04520

31969	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04790
31970	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G05580
31971	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G06510
31972	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09440
31973	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09810
31974	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11410
31975	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11930
31976	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12580
31977	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12780
31978	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13110
31979	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13870
31980	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14310
31981	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14420
31982	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14620
31983	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14940
31984	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G15090
31985	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G15360
31986	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G15810
31987	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16050
31988	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16100
31989	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16170
31990	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G17390
31991	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18000
31992	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18780
31993	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G19400
31994	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G19710
31995	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G19990
31996	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21250
31997	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21670
31998	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G22310
31999	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23810
32000	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23920
32001	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G24170
32002	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G24503
32003	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G25690
32004	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G25760
32005	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26030
32006	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26650
32007	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G27380
32008	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G29360
32009	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45140
32010	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45310
32011	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46520
32012	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46620
32013	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46780
32014	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46830
32015	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G47470
32016	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G47940
32017	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G47960
32018	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48000
32019	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48170
32020	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48420
32021	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G49110
32022	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G50000
32023	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G50820
32024	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51000

32025	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51600
32026	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51730
32027	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51820
32028	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51840
32029	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51920
32030	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52300
32031	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52850
32032	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52880
32033	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53620
32034	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54050
32035	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G54660
32036	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55440
32037	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55610
32038	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55800
32039	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56240
32040	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56960
32041	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G57020
32042	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G58180
32043	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G58730
32044	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60100
32045	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61160
32046	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61220
32047	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61990
32048	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G62290
32049	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G62410
32050	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01370
32051	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01480
32052	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01610
32053	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01850
32054	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G02500
32055	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G03280
32056	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G03560
32057	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04020
32058	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04040
32059	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10040
32060	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10120
32061	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G10440
32062	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G11960
32063	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13010
32064	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13230
32065	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13360
32066	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13560
32067	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13670
32068	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13770
32069	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13840
32070	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G13930
32071	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14040
32072	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14880
32073	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14930
32074	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15210
32075	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15530
32076	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G16143
32077	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G16370
32078	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G17530
32079	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20150
32080	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20260

32081	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20760
32082	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G20890
32083	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23100
32084	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23890
32085	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23920
32086	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24330
32087	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G25100
32088	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G26080
32089	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G26970
32090	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G30550
32091	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G31300
32092	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G32320
32093	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33010
32094	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33090
32095	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33150
32096	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34050
32097	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34230
32098	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34490
32099	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34710
32100	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G35150
32101	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G36810
32102	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37560
32103	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37930
32104	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G38740
32105	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G38970
32106	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G40010
32107	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G01410
32108	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G01520
32109	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G02270
32110	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G02790
32111	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G06760
32112	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G08100
32113	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G09810
32114	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G11670
32115	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G13990
32116	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14200
32117	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14740
32118	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G15950
32119	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G16510
32120	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G17990
32121	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G20010
32122	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G20980
32123	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G22060
32124	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G22950
32125	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G23250
32126	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G24760
32127	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G36160
32128	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G36880
32129	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G37600
32130	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G39320
32131	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G43060
32132	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G44110
32133	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G44720
32134	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G47880
32135	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G48180
32136	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G49810

32137	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G49970
32138	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G50320
32139	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G50380
32140	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G50950
32141	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G51720
32142	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G51970
32143	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G53970
32144	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G54080
32145	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58430
32146	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58690
32147	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G59290
32148	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G59730
32149	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G61410
32150	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G63860
32151	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64250
32152	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G65720
32153	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G66400
32154	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G66420
32155	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G67150
32156	7	F23 vs. S23	F2-3 up	GO:0005829	Development	Development	cytosol	C	ATCG00120
32157	7	F23 vs. S23	F2-3 up	GO:0048589	Development	Development	developmental growth	P	AT2G37620
32158	7	F23 vs. S23	F2-3 up	GO:0003006	Development	Development	developmental process involved in reproduction	P	AT4G24120
32159	7	F23 vs. S23	F2-3 up	GO:0003006	Development	Development	developmental process involved in reproduction	P	AT5G53550
32160	7	F23 vs. S23	F2-3 up	GO:0080186	Development	Development	developmental vegetative growth	P	AT3G05500
32161	7	F23 vs. S23	F2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G02590
32162	7	F23 vs. S23	F2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G13560
32163	7	F23 vs. S23	F2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT4G14880
32164	7	F23 vs. S23	F2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G67730
32165	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G22240
32166	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34790
32167	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34850
32168	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G02570
32169	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G04070
32170	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G15030
32171	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G48740
32172	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G51840
32173	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G55610
32174	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G04040
32175	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G13345
32176	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G34200
32177	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G36810
32178	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G39800
32179	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G06760
32180	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G13170
32181	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G13710
32182	7	F23 vs. S23	F2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G61410
32183	7	F23 vs. S23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT2G02810
32184	7	F23 vs. S23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT3G08510
32185	7	F23 vs. S23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT5G14200
32186	7	F23 vs. S23	F2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT5G24120
32187	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT1G28490
32188	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT1G54280
32189	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT1G61290

32190	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT1G79400
32191	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT3G17630
32192	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT4G25030
32193	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G01410
32194	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G45840
32195	7	F23 vs. S23	F2-3 up	GO:0012505	Development	Development	endomembrane system	C	AT5G58430
32196	7	F23 vs. S23	F2-3 up	GO:0010256	Development	Development	endomembrane system organization	P	AT3G21550
32197	7	F23 vs. S23	F2-3 up	GO:0016320	Development	Development	endoplasmic reticulum membrane fusion	P	AT3G13870
32198	7	F23 vs. S23	F2-3 up	GO:0090158	Development	Development	endoplasmic reticulum membrane organization	P	AT5G47180
32199	7	F23 vs. S23	F2-3 up	GO:0007029	Development	Development	endoplasmic reticulum organization	P	AT3G13870
32200	7	F23 vs. S23	F2-3 up	GO:0061817	Development	Development	endoplasmic reticulum-plasma membrane tethering	P	AT5G47180
32201	7	F23 vs. S23	F2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT5G22950
32202	7	F23 vs. S23	F2-3 up	GO:0007164	Development	Development	establishment of tissue polarity	P	AT3G56960
32203	7	F23 vs. S23	F2-3 up	GO:0007163	Development	Development	establishment or maintenance of cell polarity	P	AT4G34490
32204	7	F23 vs. S23	F2-3 up	GO:0009513	Development	Development	etioplast	C	AT4G36810
32205	7	F23 vs. S23	F2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G13150
32206	7	F23 vs. S23	F2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G13990
32207	7	F23 vs. S23	F2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G58430
32208	7	F23 vs. S23	F2-3 up	GO:0000145	Development	Development	exocyst	C	AT5G59730
32209	7	F23 vs. S23	F2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT4G01850
32210	7	F23 vs. S23	F2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT5G58430
32211	7	F23 vs. S23	F2-3 up	GO:0031012	Development	Development	extracellular matrix	C	AT1G59970
32212	7	F23 vs. S23	F2-3 up	GO:0031012	Development	Development	extracellular matrix	C	AT5G14380
32213	7	F23 vs. S23	F2-3 up	GO:0030198	Development	Development	extracellular matrix organization	P	AT1G59970
32214	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01980
32215	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G02305
32216	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G02790
32217	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G03230
32218	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04420
32219	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04530
32220	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G05010
32221	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G06430
32222	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G06650
32223	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09310
32224	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09340
32225	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09430
32226	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09560
32227	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09780
32228	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11190
32229	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11260
32230	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11840
32231	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11860
32232	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G11910
32233	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12230
32234	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12250
32235	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12800
32236	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G13060
32237	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G13270
32238	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G13900
32239	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14420
32240	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G15470
32241	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G19610
32242	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G19940
32243	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G20190
32244	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G21680

32245	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G22750
32246	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G23010
32247	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G26770
32248	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G26820
32249	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G28270
32250	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G29140
32251	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G34040
32252	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G41830
32253	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G45130
32254	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G47128
32255	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G47980
32256	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G48100
32257	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G55560
32258	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G55570
32259	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G58430
32260	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G59970
32261	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G60590
32262	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G61820
32263	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G64390
32264	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G66900
32265	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G67290
32266	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G69530
32267	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G73260
32268	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G74670
32269	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G75880
32270	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G75900
32271	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G76130
32272	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G01270
32273	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G01850
32274	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G01880
32275	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G01890
32276	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02140
32277	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02720
32278	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02990
32279	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G03200
32280	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G14900
32281	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G16430
32282	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G19000
32283	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G19980
32284	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G20870
32285	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G21140
32286	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G23810
32287	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G23900
32288	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G24800
32289	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G25940
32290	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G34790
32291	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G37130
32292	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G37240
32293	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G37870
32294	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G39700
32295	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G39850
32296	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G41290
32297	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G41640
32298	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G43050
32299	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G43570
32300	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G44210

32301	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G44450
32302	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G44890
32303	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G47040
32304	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G47550
32305	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G01270
32306	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G04360
32307	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G04720
32308	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G05930
32309	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07820
32310	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07830
32311	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07840
32312	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07850
32313	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G09590
32314	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G10740
32315	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13390
32316	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13400
32317	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G17060
32318	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G17790
32319	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G18080
32320	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G19390
32321	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G19400
32322	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G23920
32323	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G29030
32324	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G43270
32325	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G44990
32326	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G45010
32327	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G45310
32328	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G48460
32329	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G48520
32330	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G49110
32331	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G51070
32332	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G51600
32333	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52370
32334	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52780
32335	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52820
32336	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G52850
32337	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G53980
32338	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G57680
32339	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G60570
32340	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G61990
32341	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G62170
32342	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G62710
32343	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G66658
32344	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G00230
32345	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G00360
32346	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G01610
32347	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G02900
32348	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G04460
32349	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G11760
32350	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G15210
32351	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G16190
32352	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G17030
32353	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G19410
32354	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G19420
32355	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G19810
32356	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24330

32357	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G25780
32358	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G28780
32359	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G30270
32360	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G32940
32361	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G33220
32362	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G33530
32363	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G33550
32364	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G35010
32365	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G35350
32366	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G36190
32367	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G37310
32368	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G37530
32369	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G37760
32370	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G38400
32371	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G38770
32372	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G39480
32373	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G07410
32374	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G07420
32375	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G07430
32376	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G07550
32377	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G15110
32378	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G19580
32379	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G20940
32380	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G25610
32381	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G25980
32382	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G26060
32383	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G26700
32384	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G27150
32385	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G33370
32386	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G43060
32387	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G44530
32388	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G45880
32389	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G47000
32390	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G48140
32391	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G49360
32392	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G49970
32393	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G50260
32394	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G50800
32395	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G53370
32396	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G53550
32397	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G55720
32398	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G56870
32399	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G60360
32400	7	F23 vs. S23	F2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G63180
32401	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT1G02305
32402	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT1G20850
32403	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT1G47128
32404	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT2G01270
32405	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT2G19980
32406	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G02970
32407	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G09590
32408	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G19390
32409	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G19400
32410	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G20210
32411	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT3G45310
32412	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G01610

32413	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G16190
32414	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G25780
32415	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G35350
32416	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G43060
32417	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G45880
32418	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G45890
32419	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G50260
32420	7	F23 vs. S23	F2-3 up	GO:0005615	Development	Development	extracellular space	C	AT5G60360
32421	7	F23 vs. S23	F2-3 up	GO:0042406	Development	Development	extrinsic component of endoplasmic reticulum membrane	C	AT5G42800
32422	7	F23 vs. S23	F2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT1G69120
32423	7	F23 vs. S23	F2-3 up	GO:0048437	Development	Development	floral organ development	P	AT3G08510
32424	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT1G19180
32425	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT1G69120
32426	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT2G38110
32427	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT3G02780
32428	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT3G10570
32429	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT3G11050
32430	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT4G23100
32431	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT4G25420
32432	7	F23 vs. S23	F2-3 up	GO:0009908	Development	Development	flower development	P	AT5G01600
32433	7	F23 vs. S23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G04120
32434	7	F23 vs. S23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G48520
32435	7	F23 vs. S23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT3G61880
32436	7	F23 vs. S23	F2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G40010
32437	7	F23 vs. S23	F2-3 up	GO:0009835	Development	Development	fruit ripening	P	AT1G05010
32438	7	F23 vs. S23	F2-3 up	GO:0009835	Development	Development	fruit ripening	P	AT4G11280
32439	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G15880
32440	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT1G29470
32441	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT2G34300
32442	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT3G23300
32443	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT4G33910
32444	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT4G34960
32445	7	F23 vs. S23	F2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT5G18280
32446	7	F23 vs. S23	F2-3 up	GO:0007030	Development	Development	Golgi organization	P	AT1G78900
32447	7	F23 vs. S23	F2-3 up	GO:0005795	Development	Development	Golgi stack	C	AT3G02230
32448	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT1G30620
32449	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT1G74380
32450	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT1G78240
32451	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT2G01270
32452	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G02230
32453	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G25140
32454	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G27230
32455	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G28180
32456	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G47960
32457	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT3G60800
32458	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G02500
32459	7	F23 vs. S23	F2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G19120
32460	7	F23 vs. S23	F2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G12600
32461	7	F23 vs. S23	F2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT2G02810
32462	7	F23 vs. S23	F2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT2G37940
32463	7	F23 vs. S23	F2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT3G20920

32464	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01120
32465	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01600
32466	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01610
32467	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G03550
32468	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G05790
32469	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06090
32470	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06430
32471	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G11670
32472	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G15500
32473	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G15820
32474	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G15880
32475	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G16410
32476	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G17430
32477	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18720
32478	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18740
32479	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G19150
32480	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21070
32481	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G22750
32482	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24400
32483	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G24520
32484	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G28490
32485	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G29050
32486	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G29470
32487	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G29520
32488	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G29930
32489	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G30620
32490	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31130
32491	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31260
32492	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32080
32493	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32450
32494	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34040
32495	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G42990
32496	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G44575
32497	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G45474
32498	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G48460
32499	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G49470
32500	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G50250
32501	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G50610
32502	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G51260
32503	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G52580
32504	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G54280
32505	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G54320
32506	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G55850
32507	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G56500
32508	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G58030
32509	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G58360
32510	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61290
32511	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61520
32512	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G61800
32513	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G63060
32514	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G63440
32515	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G63710
32516	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G63900
32517	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G64060
32518	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G64150
32519	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G66950

32520	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G67730
32521	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68440
32522	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68530
32523	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68570
32524	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68610
32525	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G70940
32526	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G71960
32527	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G73220
32528	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74380
32529	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G74450
32530	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G76090
32531	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G78240
32532	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G79400
32533	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80510
32534	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80530
32535	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80660
32536	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80760
32537	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G05100
32538	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G07560
32539	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G13680
32540	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G16660
32541	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G17370
32542	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G18470
32543	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G18960
32544	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G19580
32545	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G19980
32546	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G20840
32547	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G20890
32548	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G21480
32549	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22500
32550	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G22950
32551	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G23810
32552	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24180
32553	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24820
32554	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26450
32555	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26690
32556	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26910
32557	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G28110
32558	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G29050
32559	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G30080
32560	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G32530
32561	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33100
32562	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34300
32563	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34660
32564	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34850
32565	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G35060
32566	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G37180
32567	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G37860
32568	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38110
32569	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G38500
32570	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G39890
32571	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G40100
32572	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G40460
32573	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G40890
32574	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G41190
32575	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G41640

32576	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G44500
32577	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G45530
32578	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46170
32579	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46210
32580	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46300
32581	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46720
32582	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G46820
32583	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G05610
32584	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G06170
32585	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G06260
32586	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G10570
32587	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G11900
32588	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G12120
32589	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G13410
32590	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G13870
32591	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G14620
32592	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G14770
32593	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G17430
32594	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G17611
32595	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G17630
32596	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G20190
32597	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G20300
32598	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21250
32599	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21550
32600	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G21670
32601	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22240
32602	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22370
32603	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G22840
32604	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G23300
32605	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25140
32606	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25290
32607	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G26580
32608	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G27230
32609	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G28007
32610	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G28150
32611	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G28180
32612	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G29060
32613	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G30180
32614	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G30390
32615	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G42640
32616	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G45870
32617	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47470
32618	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47950
32619	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47960
32620	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48520
32621	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48740
32622	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48780
32623	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50910
32624	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G51070
32625	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G51820
32626	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G51860
32627	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G52850
32628	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53420
32629	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G53960
32630	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G54700
32631	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G55100

32632	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G57330
32633	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G60330
32634	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G60800
32635	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G61880
32636	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G63310
32637	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G00360
32638	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G01470
32639	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G02500
32640	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G02900
32641	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G03280
32642	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G03560
32643	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G10440
32644	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G11960
32645	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13345
32646	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13770
32647	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G13990
32648	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G14690
32649	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G15620
32650	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G15630
32651	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G16370
32652	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G16590
32653	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G17080
32654	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18220
32655	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G18910
32656	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G19120
32657	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G19450
32658	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G20460
32659	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24040
32660	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24120
32661	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25030
32662	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25040
32663	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25230
32664	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G25720
32665	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27030
32666	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27630
32667	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G28490
32668	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G29680
32669	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G31330
32670	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G32410
32671	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G33530
32672	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G33910
32673	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G34720
32674	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G34950
32675	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G37430
32676	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G37760
32677	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39030
32678	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39110
32679	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39350
32680	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39480
32681	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G39510
32682	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01220
32683	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01240
32684	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01450
32685	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G01530
32686	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G04500
32687	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G04660

32688	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05170
32689	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G06320
32690	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G06530
32691	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G07250
32692	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G07550
32693	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G10290
32694	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G11650
32695	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G11960
32696	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G13170
32697	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G13490
32698	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G15470
32699	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G15740
32700	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G16010
32701	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G17400
32702	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G18280
32703	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G23060
32704	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G25120
32705	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G27150
32706	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G35460
32707	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G37300
32708	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G37810
32709	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G38660
32710	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40010
32711	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40780
32712	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G42090
32713	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G42270
32714	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G43260
32715	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G45840
32716	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46800
32717	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G47120
32718	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G47180
32719	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G47470
32720	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G47910
32721	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49130
32722	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49660
32723	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G49950
32724	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50800
32725	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G51710
32726	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52450
32727	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53130
32728	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53370
32729	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53550
32730	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G53890
32731	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G54250
32732	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G55340
32733	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G57100
32734	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G57350
32735	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G58050
32736	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G60660
32737	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61670
32738	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61700
32739	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61820
32740	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G62680
32741	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G63850
32742	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G64280
32743	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G64290

32744	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G64940
32745	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G65810
32746	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G66650
32747	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67370
32748	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00020
32749	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00140
32750	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00210
32751	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00270
32752	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00280
32753	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00340
32754	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00520
32755	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00530
32756	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00560
32757	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00680
32758	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00720
32759	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01050
32760	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01100
32761	7	F23 vs. S23	F2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00650
32762	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G08920
32763	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G11260
32764	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G22710
32765	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G50310
32766	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G63010
32767	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G64060
32768	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT1G75220
32769	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G30440
32770	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G37940
32771	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G39210
32772	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G41705
32773	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT2G48020
32774	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G05960
32775	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G14770
32776	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G19930
32777	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G28007
32778	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G47420
32779	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G48740
32780	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G51490
32781	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G16480
32782	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G17550
32783	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G13170
32784	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G50800
32785	7	F23 vs. S23	F2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G59250
32786	7	F23 vs. S23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT1G13900
32787	7	F23 vs. S23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT2G27050
32788	7	F23 vs. S23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT3G52850
32789	7	F23 vs. S23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G20010
32790	7	F23 vs. S23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G40890
32791	7	F23 vs. S23	F2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G49890
32792	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT1G07260
32793	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G17370
32794	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G18570
32795	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G31750
32796	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G31790
32797	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G36790
32798	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G40890
32799	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G43820

32800	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G21560
32801	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G21760
32802	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT3G46670
32803	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G01070
32804	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G15490
32805	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G27630
32806	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT4G34135
32807	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G03490
32808	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G40890
32809	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G49890
32810	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G53530
32811	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G54060
32812	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61690
32813	7	F23 vs. S23	F2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61700
32814	7	F23 vs. S23	F2-3 up	GO:0097708	Development	Development	intracellular vesicle	C	AT1G68570
32815	7	F23 vs. S23	F2-3 up	GO:0070676	Development	Development	intralumenal vesicle formation	P	AT5G22950
32816	7	F23 vs. S23	F2-3 up	GO:0005770	Development	Development	late endosome	C	AT3G17630
32817	7	F23 vs. S23	F2-3 up	GO:0005770	Development	Development	late endosome	C	AT3G52850
32818	7	F23 vs. S23	F2-3 up	GO:0005770	Development	Development	late endosome	C	AT5G11710
32819	7	F23 vs. S23	F2-3 up	GO:0005770	Development	Development	late endosome	C	AT5G22950
32820	7	F23 vs. S23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT1G28490
32821	7	F23 vs. S23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT1G54320
32822	7	F23 vs. S23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT2G17990
32823	7	F23 vs. S23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT3G52850
32824	7	F23 vs. S23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT5G45130
32825	7	F23 vs. S23	F2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT5G53530
32826	7	F23 vs. S23	F2-3 up	GO:0016328	Development	Development	lateral plasma membrane	C	AT1G70940
32827	7	F23 vs. S23	F2-3 up	GO:0048527	Development	Development	lateral root development	P	AT1G32080
32828	7	F23 vs. S23	F2-3 up	GO:0048527	Development	Development	lateral root development	P	AT3G50060
32829	7	F23 vs. S23	F2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT2G42490
32830	7	F23 vs. S23	F2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT3G22400
32831	7	F23 vs. S23	F2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G05730
32832	7	F23 vs. S23	F2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G49660
32833	7	F23 vs. S23	F2-3 up	GO:0010102	Development	Development	lateral root morphogenesis	P	AT4G28490
32834	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT1G53310
32835	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT1G79440
32836	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G37860
32837	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G11050
32838	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G14940
32839	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G15030
32840	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G25420
32841	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT5G01600
32842	7	F23 vs. S23	F2-3 up	GO:0048366	Development	Development	leaf development	P	AT5G27150
32843	7	F23 vs. S23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT3G15030
32844	7	F23 vs. S23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT5G08370
32845	7	F23 vs. S23	F2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT5G65810
32846	7	F23 vs. S23	F2-3 up	GO:0005811	Development	Development	lipid droplet	C	AT3G05500
32847	7	F23 vs. S23	F2-3 up	GO:0000323	Development	Development	lytic vacuole	C	AT4G16190
32848	7	F23 vs. S23	F2-3 up	GO:0000323	Development	Development	lytic vacuole	C	AT4G32940
32849	7	F23 vs. S23	F2-3 up	GO:0010076	Development	Development	maintenance of floral meristem identity	P	AT1G69120
32850	7	F23 vs. S23	F2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT1G79440
32851	7	F23 vs. S23	F2-3 up	GO:0080173	Development	Development	male-female gamete recognition during double fertilization forming a zygote and endosperm	P	AT3G02360
32852	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G01120
32853	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G01610
32854	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G07720

32855	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G11090
32856	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G11670
32857	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G12070
32858	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G20190
32859	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G22710
32860	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G26770
32861	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G61890
32862	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT1G69530
32863	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G18960
32864	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G34660
32865	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G38110
32866	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G39400
32867	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G39700
32868	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT2G46500
32869	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G11900
32870	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G20920
32871	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G21250
32872	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G29030
32873	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT3G60570
32874	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G00350
32875	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G03280
32876	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G13990
32877	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G16370
32878	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G29680
32879	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G30600
32880	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G32290
32881	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT4G35060
32882	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G11650
32883	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G17450
32884	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G49130
32885	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G52450
32886	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G53530
32887	7	F23 vs. S23	F2-3 up	GO:0016020	Development	Development	membrane	C	AT5G54250
32888	7	F23 vs. S23	F2-3 up	GO:0061025	Development	Development	membrane fusion	P	AT1G13890
32889	7	F23 vs. S23	F2-3 up	GO:0061025	Development	Development	membrane fusion	P	AT1G61290
32890	7	F23 vs. S23	F2-3 up	GO:0010073	Development	Development	meristem maintenance	P	AT1G23010
32891	7	F23 vs. S23	F2-3 up	GO:0010073	Development	Development	meristem maintenance	P	AT1G23380
32892	7	F23 vs. S23	F2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT1G69120
32893	7	F23 vs. S23	F2-3 up	GO:0042579	Development	Development	microbody	C	AT5G09660
32894	7	F23 vs. S23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT1G64740
32895	7	F23 vs. S23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G01370
32896	7	F23 vs. S23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G16520
32897	7	F23 vs. S23	F2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G20890
32898	7	F23 vs. S23	F2-3 up	GO:0015630	Development	Development	microtubule cytoskeleton	C	AT1G64740
32899	7	F23 vs. S23	F2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT1G64740
32900	7	F23 vs. S23	F2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT3G16800
32901	7	F23 vs. S23	F2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT4G20890
32902	7	F23 vs. S23	F2-3 up	GO:0007017	Development	Development	microtubule-based process	P	AT1G64740
32903	7	F23 vs. S23	F2-3 up	GO:0007017	Development	Development	microtubule-based process	P	AT4G20890
32904	7	F23 vs. S23	F2-3 up	GO:0012511	Development	Development	monolayer-surrounded lipid storage body	C	AT5G07550
32905	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G06430
32906	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G14920
32907	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G50250
32908	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G67290
32909	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G69120
32910	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G77980

32911	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G23290
32912	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G30180
32913	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G54340
32914	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G63310
32915	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G02590
32916	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G16370
32917	7	F23 vs. S23	F2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G42270
32918	7	F23 vs. S23	F2-3 up	GO:0035264	Development	Development	multicellular organism growth	P	AT1G27730
32919	7	F23 vs. S23	F2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT4G32410
32920	7	F23 vs. S23	F2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT5G22950
32921	7	F23 vs. S23	F2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT5G53530
32922	7	F23 vs. S23	F2-3 up	GO:0016459	Development	Development	myosin complex	C	AT1G54560
32923	7	F23 vs. S23	F2-3 up	GO:0071836	Development	Development	nectar secretion	P	AT5G11110
32924	7	F23 vs. S23	F2-3 up	GO:0016604	Development	Development	nuclear body	C	AT2G46340
32925	7	F23 vs. S23	F2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT1G09600
32926	7	F23 vs. S23	F2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT5G47120
32927	7	F23 vs. S23	F2-3 up	GO:0005719	Development	Development	nuclear euchromatin	C	AT5G50320
32928	7	F23 vs. S23	F2-3 up	GO:0016363	Development	Development	nuclear matrix	C	AT3G09440
32929	7	F23 vs. S23	F2-3 up	GO:0005643	Development	Development	nuclear pore	C	AT4G16143
32930	7	F23 vs. S23	F2-3 up	GO:0009295	Development	Development	nucleoid	C	AT2G46820
32931	7	F23 vs. S23	F2-3 up	GO:0009295	Development	Development	nucleoid	C	AT3G46780
32932	7	F23 vs. S23	F2-3 up	GO:0009295	Development	Development	nucleoid	C	AT4G13670
32933	7	F23 vs. S23	F2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT4G16143
32934	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01050
32935	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01720
32936	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03050
32937	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03850
32938	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G04530
32939	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G04700
32940	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07370
32941	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07500
32942	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09250
32943	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09310
32944	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09560
32945	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09600
32946	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G11090
32947	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G11260
32948	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G13060
32949	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G13890
32950	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14330
32951	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14790
32952	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14920
32953	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15430
32954	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15470
32955	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15820
32956	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G15980
32957	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16290
32958	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16410
32959	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16880
32960	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17220
32961	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17745
32962	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18070
32963	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18150
32964	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18720
32965	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18740
32966	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19180

32967	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19660
32968	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20020
32969	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20620
32970	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20630
32971	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21010
32972	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21680
32973	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21760
32974	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22710
32975	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22760
32976	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23190
32977	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23310
32978	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23380
32979	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23460
32980	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23710
32981	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23740
32982	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23780
32983	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G24360
32984	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26480
32985	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26610
32986	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27730
32987	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27760
32988	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G28480
32989	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29340
32990	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29470
32991	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29930
32992	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G31870
32993	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32060
32994	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32450
32995	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32640
32996	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32740
32997	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32790
32998	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G35490
32999	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G42970
33000	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G42990
33001	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G43700
33002	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G43890
33003	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G44575
33004	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G44820
33005	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G45130
33006	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47128
33007	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47570
33008	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48030
33009	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48630
33010	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49670
33011	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50250
33012	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50610
33013	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50940
33014	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G51090
33015	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G51110
33016	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53000
33017	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53280
33018	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53310
33019	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53500
33020	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54290
33021	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54320
33022	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54560

33023	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G55480
33024	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G55850
33025	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G56500
33026	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G59640
33027	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G60440
33028	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G61520
33029	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G61860
33030	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62570
33031	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G62750
33032	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63010
33033	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63940
33034	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64500
33035	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64740
33036	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64770
33037	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64800
33038	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64980
33039	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G65410
33040	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G65930
33041	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G65960
33042	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G67520
33043	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G68440
33044	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G68610
33045	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G69120
33046	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70310
33047	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70480
33048	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G71080
33049	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G73390
33050	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G73500
33051	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G74450
33052	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G74510
33053	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75160
33054	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75510
33055	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G77000
33056	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G77980
33057	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78240
33058	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78370
33059	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78940
33060	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G79270
33061	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80380
33062	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80530
33063	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80840
33064	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01890
33065	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G02710
33066	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G09970
33067	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G13570
33068	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G16750
33069	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17220
33070	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17370
33071	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18470
33072	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18960
33073	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G19570
33074	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G19770
33075	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G20470
33076	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23170
33077	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G24550
33078	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G25740

33079	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26490
33080	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26740
33081	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G27050
33082	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G28305
33083	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G30020
33084	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G30360
33085	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G31500
33086	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G32260
33087	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G33410
33088	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G34600
33089	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G35840
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33091	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G36460
33092	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G36880
33093	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G37550
33094	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G37790
33095	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G38670
33096	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39650
33097	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39730
33098	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G39770
33099	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G40140
33100	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G40290
33101	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G40750
33102	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G41190
33103	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G41970
33104	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42320
33105	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42760
33106	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G44060
33107	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G44500
33108	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45600
33109	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G45800
33110	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G46340
33111	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G46600
33112	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47730
33113	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G47910
33114	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G01680
33115	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G02230
33116	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G02800
33117	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04070
33118	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04120
33119	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G04520
33120	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G05580
33121	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G06980
33122	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07090
33123	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07870
33124	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07960
33125	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G08730
33126	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G11410
33127	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12120
33128	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12320
33129	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12580
33130	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12690
33131	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12780
33132	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13870
33133	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G14420
33134	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15030

33135	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15540
33136	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15790
33137	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16100
33138	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16170
33139	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16800
33140	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17800
33141	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G18780
33142	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19090
33143	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19990
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33145	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G20220
33146	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G20920
33147	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21270
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33151	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23290
33152	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23300
33153	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23920
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33155	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G25690
33156	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G26030
33157	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G28850
33158	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G28970
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33160	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G29360
33161	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G43120
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33165	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46600
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33174	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50910
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33177	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51250
33178	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51290
33179	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51470
33180	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51920
33181	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G53780
33182	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54340
33183	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57600
33184	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61160
33185	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G62960
33186	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G63390
33187	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G01370
33188	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02590
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33190	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10120

33191	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G11570
33192	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14880
33193	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15530
33194	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17500
33195	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G18920
33196	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G19120
33197	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G24510
33198	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25030
33199	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25490
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33201	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26080
33202	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G27410
33203	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28680
33204	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G29340
33205	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G29680
33206	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G30100
33207	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G30470
33208	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31230
33209	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31290
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33211	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32020
33212	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33090
33213	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33530
33214	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G34050
33215	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G34710
33216	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35060
33217	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35350
33218	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35500
33219	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G36710
33220	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G36740
33221	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37260
33222	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37930
33223	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G39800
33224	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G40010
33225	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G01520
33226	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G03490
33227	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G04760
33228	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G07240
33229	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G07250
33230	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G08640
33231	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G09230
33232	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10930
33233	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10960
33234	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G11110
33235	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G11710
33236	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G12000
33237	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G12010
33238	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G12310
33239	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13150
33240	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13180
33241	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13410
33242	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13990
33243	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G15950
33244	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G17450
33245	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20010
33246	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20240

33247	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20620
33248	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20700
33249	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G22030
33250	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G22250
33251	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G23490
33252	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24870
33253	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G35180
33254	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G35460
33255	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G37300
33256	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G39320
33257	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40010
33258	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40690
33259	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G40890
33260	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41810
33261	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42050
33262	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G43380
33263	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G44300
33264	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47910
33265	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G48180
33266	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G49610
33267	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G50230
33268	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G50320
33269	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51460
33270	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G52360
33271	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53120
33272	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53130
33273	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53370
33274	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54490
33275	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54510
33276	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G56140
33277	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G58003
33278	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59180
33279	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59730
33280	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60990
33281	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61670
33282	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G63860
33283	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64660
33284	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65140
33285	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65810
33286	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67250
33287	7	F23 vs. S23	F2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67300
33288	7	F23 vs. S23	F2-3 up	GO:0035265	Development	Development	organ growth	P	AT5G50320
33289	7	F23 vs. S23	F2-3 up	GO:0051640	Development	Development	organelle localization	P	AT1G54560
33290	7	F23 vs. S23	F2-3 up	GO:0031090	Development	Development	organelle membrane	C	AT4G33090
33291	7	F23 vs. S23	F2-3 up	GO:0006996	Development	Development	organelle organization	P	AT1G63900
33292	7	F23 vs. S23	F2-3 up	GO:0007389	Development	Development	pattern specification process	P	AT1G70940
33293	7	F23 vs. S23	F2-3 up	GO:0048446	Development	Development	petal morphogenesis	P	AT1G59640
33294	7	F23 vs. S23	F2-3 up	GO:0045335	Development	Development	phagocytic vesicle	C	AT5G58430
33295	7	F23 vs. S23	F2-3 up	GO:0010088	Development	Development	phloem development	P	AT3G01680
33296	7	F23 vs. S23	F2-3 up	GO:0090449	Development	Development	phloem glucosinolate loading	P	AT3G47960
33297	7	F23 vs. S23	F2-3 up	GO:0090449	Development	Development	phloem glucosinolate loading	P	AT5G62680
33298	7	F23 vs. S23	F2-3 up	GO:0010087	Development	Development	phloem or xylem histogenesis	P	AT2G01850
33299	7	F23 vs. S23	F2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G19770
33300	7	F23 vs. S23	F2-3 up	GO:0099402	Development	Development	plant organ development	P	AT2G37860
33301	7	F23 vs. S23	F2-3 up	GO:0099402	Development	Development	plant organ development	P	AT3G02470
33302	7	F23 vs. S23	F2-3 up	GO:0099402	Development	Development	plant organ development	P	AT5G24690

33303	7	F23 vs. S23	F2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT5G64050
33304	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G01980
33305	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G26770
33306	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G45130
33307	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G69530
33308	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G16430
33309	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G24800
33310	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G37130
33311	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G39700
33312	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G44450
33313	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G18080
33314	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G20210
33315	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G49110
33316	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G19410
33317	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G19420
33318	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G30270
33319	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G38400
33320	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G08370
33321	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G22460
33322	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G49360
33323	7	F23 vs. S23	F2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G50260
33324	7	F23 vs. S23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT1G30620
33325	7	F23 vs. S23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT3G02230
33326	7	F23 vs. S23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT3G13870
33327	7	F23 vs. S23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT4G32410
33328	7	F23 vs. S23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G16510
33329	7	F23 vs. S23	F2-3 up	GO:0009832	Development	Development	plant-type cell wall biogenesis	P	AT5G65810
33330	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G20190
33331	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G26770
33332	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT1G69530
33333	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT2G39700
33334	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT3G29030
33335	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT3G60570
33336	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT4G30270
33337	7	F23 vs. S23	F2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT4G38400
33338	7	F23 vs. S23	F2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT3G56960
33339	7	F23 vs. S23	F2-3 up	GO:0009831	Development	Development	plant-type cell wall modification involved in multidimensional cell growth	P	AT1G48100
33340	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G14420
33341	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G20190
33342	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G26770
33343	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G69530
33344	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G21140
33345	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G39700
33346	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G29030
33347	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G57560
33348	7	F23 vs. S23	F2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G65810
33349	7	F23 vs. S23	F2-3 up	GO:0071669	Development	Development	plant-type cell wall organization or biogenesis	P	AT3G02230
33350	7	F23 vs. S23	F2-3 up	GO:0071669	Development	Development	plant-type cell wall organization or biogenesis	P	AT4G30270
33351	7	F23 vs. S23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT1G55850
33352	7	F23 vs. S23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT2G32530
33353	7	F23 vs. S23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT2G33100
33354	7	F23 vs. S23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT4G32410
33355	7	F23 vs. S23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT4G39350
33356	7	F23 vs. S23	F2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT5G05170
33357	7	F23 vs. S23	F2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT2G28110

33358	7	F23 vs. S23	F2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT5G05170
33359	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT1G63010
33360	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT1G78900
33361	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT2G34660
33362	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT3G21250
33363	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT3G58730
33364	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT4G03560
33365	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT4G33530
33366	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT4G35350
33367	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT5G27150
33368	7	F23 vs. S23	F2-3 up	GO:0000325	Development	Development	plant-type vacuole	C	AT5G50260
33369	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G08920
33370	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G58030
33371	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G63010
33372	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G75220
33373	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G48020
33374	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G21550
33375	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G51490
33376	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G51860
33377	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G57330
33378	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G01450
33379	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G40890
33380	7	F23 vs. S23	F2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT5G49890
33381	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G01780
33382	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G01980
33383	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G03050
33384	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G03230
33385	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G03550
33386	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G05790
33387	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G06700
33388	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G09780
33389	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11260
33390	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11670
33391	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11840
33392	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12600
33393	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12780
33394	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G13890
33395	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G18150
33396	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20620
33397	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20850
33398	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G21070
33399	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G22710
33400	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G23190
33401	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G24400
33402	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G24520
33403	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G25240
33404	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G31260
33405	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G32450
33406	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G41830
33407	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G43890
33408	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G50610
33409	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G54280
33410	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G54320
33411	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G55560
33412	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G55570
33413	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G55850

33414	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G58360
33415	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G59970
33416	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G61290
33417	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G61860
33418	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G61890
33419	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G63010
33420	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G63440
33421	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64060
33422	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64740
33423	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G65240
33424	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G65930
33425	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G66950
33426	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G67520
33427	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G67940
33428	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G68570
33429	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70310
33430	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70940
33431	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G71960
33432	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G73220
33433	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G74880
33434	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G76030
33435	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G78380
33436	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G78900
33437	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G80510
33438	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G80660
33439	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G80760
33440	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01490
33441	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02990
33442	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G07560
33443	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G16750
33444	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17220
33445	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17990
33446	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G18470
33447	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G18960
33448	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G19580
33449	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G20840
33450	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G20870
33451	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G21480
33452	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G22470
33453	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G22950
33454	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G23810
33455	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G24180
33456	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G26910
33457	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30080
33458	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30440
33459	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G31390
33460	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G31500
33461	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G32530
33462	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33100
33463	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33210
33464	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G34300
33465	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G35060
33466	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36460
33467	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36580
33468	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36880
33469	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G37180

33470	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G37620
33471	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G37940
33472	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G37970
33473	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G39890
33474	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G40890
33475	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41190
33476	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41410
33477	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41705
33478	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41970
33479	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G44060
33480	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G45800
33481	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G46170
33482	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G46300
33483	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47040
33484	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G01500
33485	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G01700
33486	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G03250
33487	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G03780
33488	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04120
33489	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G06510
33490	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G08510
33491	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G09440
33492	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12580
33493	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12620
33494	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G12690
33495	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G13390
33496	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G13400
33497	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G13870
33498	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G14050
33499	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G14310
33500	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16100
33501	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16800
33502	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17390
33503	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17430
33504	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17611
33505	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G17810
33506	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G18780
33507	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G19930
33508	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20530
33509	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20580
33510	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20865
33511	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20920
33512	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G22240
33513	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G22890
33514	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G22950
33515	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G23810
33516	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G25290
33517	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G28007
33518	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G28180
33519	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G28850
33520	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G29060
33521	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G30390
33522	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G42640
33523	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G44990
33524	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G45780
33525	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G45870

33526	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G46830
33527	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G47950
33528	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G47960
33529	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G48740
33530	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G50000
33531	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G51250
33532	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G52850
33533	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G52880
33534	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53420
33535	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53780
33536	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G53960
33537	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54700
33538	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54950
33539	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55100
33540	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55440
33541	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55640
33542	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G56960
33543	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G57330
33544	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G57680
33545	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G57690
33546	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G58730
33547	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G60330
33548	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G61220
33549	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G61230
33550	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G02900
33551	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G03280
33552	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G03560
33553	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G10060
33554	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G10120
33555	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G13010
33556	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G13930
33557	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G14880
33558	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G15620
33559	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G15630
33560	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G16370
33561	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G16480
33562	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G17530
33563	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G18910
33564	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G20260
33565	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G20890
33566	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24040
33567	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24120
33568	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25040
33569	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25100
33570	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25230
33571	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25720
33572	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G25950
33573	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26080
33574	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26470
33575	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27630
33576	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28490
33577	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30270
33578	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30910
33579	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31300
33580	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31750
33581	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31990

33582	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32410
33583	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33010
33584	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33090
33585	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33510
33586	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33530
33587	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34030
33588	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34050
33589	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34200
33590	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34490
33591	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34950
33592	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35250
33593	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35260
33594	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35350
33595	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35985
33596	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36250
33597	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36490
33598	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36750
33599	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G37930
33600	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G37990
33601	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38510
33602	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38740
33603	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38970
33604	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39110
33605	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39350
33606	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39820
33607	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01220
33608	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01240
33609	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01410
33610	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01530
33611	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01600
33612	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02790
33613	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G03290
33614	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G03880
33615	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04140
33616	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04710
33617	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05170
33618	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05200
33619	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G06320
33620	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G06530
33621	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08100
33622	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08690
33623	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09660
33624	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09810
33625	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10290
33626	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10730
33627	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11110
33628	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11670
33629	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11960
33630	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G12010
33631	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G14380
33632	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G20010
33633	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G22060
33634	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G25120
33635	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G27150
33636	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G35180
33637	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37300

33638	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37600
33639	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G37810
33640	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G40230
33641	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G40730
33642	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G40780
33643	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G44110
33644	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45840
33645	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47120
33646	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47180
33647	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47470
33648	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47910
33649	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G49660
33650	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50000
33651	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50380
33652	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50800
33653	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G51970
33654	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53130
33655	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53250
33656	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53550
33657	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53890
33658	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54250
33659	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54770
33660	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G54810
33661	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G57100
33662	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G57350
33663	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58430
33664	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58690
33665	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G59290
33666	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60660
33667	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G60790
33668	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62680
33669	7	F23 vs. S23	F2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G63850
33670	7	F23 vs. S23	F2-3 up	GO:0016605	Development	Development	PML body	C	AT2G46340
33671	7	F23 vs. S23	F2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT5G55250
33672	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G09780
33673	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G19180
33674	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G53000
33675	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G63180
33676	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G72520
33677	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G74450
33678	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G77980
33679	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G78900
33680	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G02810
33681	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G22950
33682	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G35060
33683	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT2G37040
33684	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G02230
33685	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G03250
33686	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G18000
33687	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G20920
33688	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G48520
33689	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G48780
33690	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G55610
33691	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G01370
33692	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G17530
33693	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G24510

33694	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G25640
33695	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G34200
33696	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G01450
33697	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G14200
33698	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G15470
33699	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G39400
33700	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G50260
33701	7	F23 vs. S23	F2-3 up	GO:0009555	Development	Development	pollen development	P	AT5G50800
33702	7	F23 vs. S23	F2-3 up	GO:0010152	Development	Development	pollen maturation	P	AT1G77980
33703	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT1G03050
33704	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT1G21760
33705	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT2G47040
33706	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G03250
33707	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G06260
33708	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G07960
33709	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G56960
33710	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT3G62170
33711	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G07410
33712	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G13150
33713	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G13990
33714	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G15470
33715	7	F23 vs. S23	F2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G45840
33716	7	F23 vs. S23	F2-3 up	GO:0090404	Development	Development	pollen tube tip	C	AT1G03050
33717	7	F23 vs. S23	F2-3 up	GO:0090404	Development	Development	pollen tube tip	C	AT3G21700
33718	7	F23 vs. S23	F2-3 up	GO:0010208	Development	Development	pollen wall assembly	P	AT2G13680
33719	7	F23 vs. S23	F2-3 up	GO:0010208	Development	Development	pollen wall assembly	P	AT5G11110
33720	7	F23 vs. S23	F2-3 up	GO:0010208	Development	Development	pollen wall assembly	P	AT5G14380
33721	7	F23 vs. S23	F2-3 up	GO:0009791	Development	Development	post-embryonic development	P	AT1G62750
33722	7	F23 vs. S23	F2-3 up	GO:0009791	Development	Development	post-embryonic development	P	AT4G27630
33723	7	F23 vs. S23	F2-3 up	GO:0009791	Development	Development	post-embryonic development	P	AT4G39800
33724	7	F23 vs. S23	F2-3 up	GO:0090698	Development	Development	post-embryonic plant morphogenesis	P	AT3G23290
33725	7	F23 vs. S23	F2-3 up	GO:0048528	Development	Development	post-embryonic root development	P	AT3G18000
33726	7	F23 vs. S23	F2-3 up	GO:0080022	Development	Development	primary root development	P	AT1G80600
33727	7	F23 vs. S23	F2-3 up	GO:0080022	Development	Development	primary root development	P	AT3G29030
33728	7	F23 vs. S23	F2-3 up	GO:0055038	Development	Development	recycling endosome membrane	C	AT1G03550
33729	7	F23 vs. S23	F2-3 up	GO:0055038	Development	Development	recycling endosome membrane	C	AT2G20840
33730	7	F23 vs. S23	F2-3 up	GO:0048829	Development	Development	root cap development	P	AT5G01240
33731	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G32640
33732	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G48630
33733	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G70940
33734	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G78240
33735	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT1G80600
33736	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT2G18470
33737	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT3G22400
33738	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT5G09810
33739	7	F23 vs. S23	F2-3 up	GO:0048364	Development	Development	root development	P	AT5G17400
33740	7	F23 vs. S23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT3G13870
33741	7	F23 vs. S23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT3G18780
33742	7	F23 vs. S23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT4G31230
33743	7	F23 vs. S23	F2-3 up	GO:0010053	Development	Development	root epidermal cell differentiation	P	AT5G09810
33744	7	F23 vs. S23	F2-3 up	GO:0035618	Development	Development	root hair	C	AT1G48490
33745	7	F23 vs. S23	F2-3 up	GO:0048768	Development	Development	root hair cell tip growth	P	AT2G41970
33746	7	F23 vs. S23	F2-3 up	GO:0048768	Development	Development	root hair cell tip growth	P	AT3G05580
33747	7	F23 vs. S23	F2-3 up	GO:0048768	Development	Development	root hair cell tip growth	P	AT3G18780
33748	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT1G70940
33749	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT1G74380

33750	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT2G37620
33751	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT3G18780
33752	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT4G02500
33753	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT5G09810
33754	7	F23 vs. S23	F2-3 up	GO:0048767	Development	Development	root hair elongation	P	AT5G60660
33755	7	F23 vs. S23	F2-3 up	GO:0048766	Development	Development	root hair initiation	P	AT1G70940
33756	7	F23 vs. S23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT1G53500
33757	7	F23 vs. S23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT3G20210
33758	7	F23 vs. S23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT5G15740
33759	7	F23 vs. S23	F2-3 up	GO:0010214	Development	Development	seed coat development	P	AT5G49360
33760	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT2G16500
33761	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT2G17420
33762	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT3G04120
33763	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT3G61880
33764	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT4G24120
33765	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT4G34710
33766	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT5G06760
33767	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT5G17400
33768	7	F23 vs. S23	F2-3 up	GO:0048316	Development	Development	seed development	P	AT5G53550
33769	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT1G48630
33770	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT1G62750
33771	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT2G18470
33772	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT4G03560
33773	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT4G32320
33774	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G04500
33775	7	F23 vs. S23	F2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G09810
33776	7	F23 vs. S23	F2-3 up	GO:0080112	Development	Development	seed growth	P	AT5G50800
33777	7	F23 vs. S23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT3G48740
33778	7	F23 vs. S23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT4G32320
33779	7	F23 vs. S23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT5G13170
33780	7	F23 vs. S23	F2-3 up	GO:0010431	Development	Development	seed maturation	P	AT5G40010
33781	7	F23 vs. S23	F2-3 up	GO:0090351	Development	Development	seedling development	P	AT2G05710
33782	7	F23 vs. S23	F2-3 up	GO:0048367	Development	Development	shoot system development	P	AT1G48630
33783	7	F23 vs. S23	F2-3 up	GO:0048367	Development	Development	shoot system development	P	AT1G78240
33784	7	F23 vs. S23	F2-3 up	GO:0048367	Development	Development	shoot system development	P	AT5G17400
33785	7	F23 vs. S23	F2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT3G54340
33786	7	F23 vs. S23	F2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT5G20240
33787	7	F23 vs. S23	F2-3 up	GO:0090708	Development	Development	specification of plant organ axis polarity	P	AT5G50320
33788	7	F23 vs. S23	F2-3 up	GO:0048443	Development	Development	stamen development	P	AT3G54340
33789	7	F23 vs. S23	F2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT1G72520
33790	7	F23 vs. S23	F2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT3G15540
33791	7	F23 vs. S23	F2-3 up	GO:0048480	Development	Development	stigma development	P	AT3G48520
33792	7	F23 vs. S23	F2-3 up	GO:0010374	Development	Development	stomatal complex development	P	AT1G32640
33793	7	F23 vs. S23	F2-3 up	GO:1990069	Development	Development	stomatal opening	P	AT2G18960
33794	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G09340
33795	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G16880
33796	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G23740
33797	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G32060
33798	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G42970
33799	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G63940
33800	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT1G67280
33801	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT2G20890
33802	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT2G39730
33803	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT2G47730
33804	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G01500
33805	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G12780

33806	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G26650
33807	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT3G54050
33808	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT4G04020
33809	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT4G31990
33810	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT4G37930
33811	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT5G54770
33812	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	AT5G61410
33813	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	ATCG00120
33814	7	F23 vs. S23	F2-3 up	GO:0010319	Development	Development	stromule	C	ATCG00480
33815	7	F23 vs. S23	F2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT1G26770
33816	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT1G64740
33817	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT2G37620
33818	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G18780
33819	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G46520
33820	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT4G20890
33821	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G09810
33822	7	F23 vs. S23	F2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT5G59370
33823	7	F23 vs. S23	F2-3 up	GO:0005198	Development	Development	structural molecule activity	F	AT1G52360
33824	7	F23 vs. S23	F2-3 up	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT1G03550
33825	7	F23 vs. S23	F2-3 up	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT2G20840
33826	7	F23 vs. S23	F2-3 up	GO:0010148	Development	Development	transpiration	P	AT5G06530
33827	7	F23 vs. S23	F2-3 up	GO:0010091	Development	Development	trichome branching	P	AT2G46600
33828	7	F23 vs. S23	F2-3 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT1G56580
33829	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G20190
33830	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G26770
33831	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G68530
33832	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G69530
33833	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G39700
33834	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G12690
33835	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G18000
33836	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G29030
33837	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G49110
33838	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G60570
33839	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G63310
33840	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT4G25420
33841	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT4G34490
33842	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT4G38400
33843	7	F23 vs. S23	F2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G54510
33844	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G21680
33845	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G51420
33846	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G58030
33847	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G61800
33848	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G63010
33849	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G67940
33850	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75220
33851	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G76030
33852	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G78380
33853	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G78900
33854	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G80510
33855	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G80660
33856	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G05710
33857	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G33150
33858	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G33210
33859	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G34660
33860	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G41190
33861	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G47730

33862	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G48020
33863	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G02230
33864	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04120
33865	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G09440
33866	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G12580
33867	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G13870
33868	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16100
33869	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G21250
33870	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G23300
33871	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G30390
33872	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G51860
33873	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G52300
33874	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G55440
33875	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G57330
33876	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G58730
33877	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G01470
33878	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G03560
33879	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G14880
33880	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G17550
33881	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G20150
33882	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G20890
33883	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G25640
33884	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G31300
33885	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G33530
33886	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G38510
33887	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G06320
33888	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G11670
33889	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G12010
33890	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G13490
33891	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G14040
33892	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G27150
33893	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G45130
33894	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G49890
33895	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G50850
33896	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G52450
33897	7	F23 vs. S23	F2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G57655
33898	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G02305
33899	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G09340
33900	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G11260
33901	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G11840
33902	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G11910
33903	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G16290
33904	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G18070
33905	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G20620
33906	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G21680
33907	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G22710
33908	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G22750
33909	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G23310
33910	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G45130
33911	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G47128
33912	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G58030
33913	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G63010
33914	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G66200
33915	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G76030
33916	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G78900
33917	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G18960

33918	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G23810
33919	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24180
33920	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24270
33921	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24820
33922	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G25940
33923	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G26080
33924	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G34660
33925	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G37970
33926	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G41290
33927	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G48020
33928	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G05500
33929	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G09440
33930	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G10740
33931	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G23810
33932	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G30390
33933	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G45010
33934	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G45780
33935	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G49110
33936	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G51730
33937	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G51860
33938	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G53420
33939	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G55440
33940	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57010
33941	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57020
33942	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G57330
33943	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G58730
33944	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G62290
33945	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G01610
33946	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G03560
33947	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G10060
33948	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G13010
33949	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G16190
33950	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G17530
33951	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G20260
33952	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G24640
33953	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G25950
33954	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G29680
33955	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G31300
33956	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G32940
33957	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G34720
33958	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G35010
33959	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G36190
33960	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G38510
33961	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G09660
33962	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G13710
33963	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G22460
33964	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G24780
33965	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G25980
33966	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G27150
33967	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G43060
33968	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G55400
33969	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G56870
33970	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G57655
33971	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G60360
33972	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G61820
33973	7	F23 vs. S23	F2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G65760

33974	7	F23 vs. S23	F2-3 up	GO:0001944	Development	Development	vasculature development	P	AT4G11280
33975	7	F23 vs. S23	F2-3 up	GO:0001944	Development	Development	vasculature development	P	AT4G17500
33976	7	F23 vs. S23	F2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G01290
33977	7	F23 vs. S23	F2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT4G27630
33978	7	F23 vs. S23	F2-3 up	GO:0006900	Development	Development	vesicle budding from membrane	P	AT1G03050
33979	7	F23 vs. S23	F2-3 up	GO:0006900	Development	Development	vesicle budding from membrane	P	AT1G25240
33980	7	F23 vs. S23	F2-3 up	GO:0048278	Development	Development	vesicle docking	P	AT1G28490
33981	7	F23 vs. S23	F2-3 up	GO:0048278	Development	Development	vesicle docking	P	AT1G61290
33982	7	F23 vs. S23	F2-3 up	GO:0006906	Development	Development	vesicle fusion	P	AT1G15880
33983	7	F23 vs. S23	F2-3 up	GO:0006906	Development	Development	vesicle fusion	P	AT1G28490
33984	7	F23 vs. S23	F2-3 up	GO:0006906	Development	Development	vesicle fusion	P	AT1G61290
33985	7	F23 vs. S23	F2-3 up	GO:0012506	Development	Development	vesicle membrane	C	AT1G70940
33986	7	F23 vs. S23	F2-3 up	GO:0019034	Development	Development	viral replication complex	C	AT3G22310
33987	7	F23 vs. S23	F2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT5G49660
33988	7	F23 vs. S23	F2-3 up	GO:0035798	Metabolism	Bioenergetics	2-alkenal reductase (NADP+) activity	F	AT1G23740
33989	7	F23 vs. S23	F2-3 up	GO:0004316	Metabolism	Bioenergetics	3-oxoacyl-[acyl-carrier-protein] reductase (NADPH) activity	F	AT1G24360
33990	7	F23 vs. S23	F2-3 up	GO:0102339	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA reductase activity	F	AT1G67730
33991	7	F23 vs. S23	F2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT1G01120
33992	7	F23 vs. S23	F2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT1G07720
33993	7	F23 vs. S23	F2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT1G68530
33994	7	F23 vs. S23	F2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT2G46720
33995	7	F23 vs. S23	F2-3 up	GO:0102340	Metabolism	Bioenergetics	3-oxo-behenoyl-CoA reductase activity	F	AT1G67730
33996	7	F23 vs. S23	F2-3 up	GO:0102342	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA reductase activity	F	AT1G67730
33997	7	F23 vs. S23	F2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT1G01120
33998	7	F23 vs. S23	F2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT1G07720
33999	7	F23 vs. S23	F2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT1G68530
34000	7	F23 vs. S23	F2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT2G46720
34001	7	F23 vs. S23	F2-3 up	GO:0102131	Metabolism	Bioenergetics	3-oxo-glutaryl-[acp] methyl ester reductase activity	F	AT1G24360
34002	7	F23 vs. S23	F2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT1G01120
34003	7	F23 vs. S23	F2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT1G07720
34004	7	F23 vs. S23	F2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT1G68530
34005	7	F23 vs. S23	F2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT2G46720
34006	7	F23 vs. S23	F2-3 up	GO:0102341	Metabolism	Bioenergetics	3-oxo-lignoceroyl-CoA reductase activity	F	AT1G67730
34007	7	F23 vs. S23	F2-3 up	GO:0102132	Metabolism	Bioenergetics	3-oxo-pimeloyl-[acp] methyl ester reductase activity	F	AT1G24360
34008	7	F23 vs. S23	F2-3 up	GO:0016207	Metabolism	Bioenergetics	4-coumarate-CoA ligase activity	F	AT3G21230
34009	7	F23 vs. S23	F2-3 up	GO:0016207	Metabolism	Bioenergetics	4-coumarate-CoA ligase activity	F	AT5G63380
34010	7	F23 vs. S23	F2-3 up	GO:0003987	Metabolism	Bioenergetics	acetate-CoA ligase activity	F	AT5G36880
34011	7	F23 vs. S23	F2-3 up	GO:0018454	Metabolism	Bioenergetics	acetoacetyl-CoA reductase activity	F	AT1G67730
34012	7	F23 vs. S23	F2-3 up	GO:0010327	Metabolism	Bioenergetics	acetyl CoA:(Z)-3-hexen-1-ol acetyltransferase activity	F	AT3G03480
34013	7	F23 vs. S23	F2-3 up	GO:0006085	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process	P	AT1G09430
34014	7	F23 vs. S23	F2-3 up	GO:0006085	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process	P	AT1G60810
34015	7	F23 vs. S23	F2-3 up	GO:0019427	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process from acetate	P	AT5G36880
34016	7	F23 vs. S23	F2-3 up	GO:0006086	Metabolism	Bioenergetics	acetyl-CoA biosynthetic process from pyruvate	P	AT5G50850
34017	7	F23 vs. S23	F2-3 up	GO:0003988	Metabolism	Bioenergetics	acetyl-CoA C-acyltransferase activity	F	AT2G33150
34018	7	F23 vs. S23	F2-3 up	GO:0003995	Metabolism	Bioenergetics	acyl-CoA dehydrogenase activity	F	AT3G51840
34019	7	F23 vs. S23	F2-3 up	GO:0047617	Metabolism	Bioenergetics	acyl-CoA hydrolase activity	F	AT1G01710
34020	7	F23 vs. S23	F2-3 up	GO:0047617	Metabolism	Bioenergetics	acyl-CoA hydrolase activity	F	AT3G54950
34021	7	F23 vs. S23	F2-3 up	GO:0003996	Metabolism	Bioenergetics	acyl-CoA ligase activity	F	AT4G11030
34022	7	F23 vs. S23	F2-3 up	GO:0006637	Metabolism	Bioenergetics	acyl-CoA metabolic process	P	AT1G01710
34023	7	F23 vs. S23	F2-3 up	GO:0003997	Metabolism	Bioenergetics	acyl-CoA oxidase activity	F	AT3G51840
34024	7	F23 vs. S23	F2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT2G39730
34025	7	F23 vs. S23	F2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT3G12780

34026	7	F23 vs. S23	F2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT5G04720
34027	7	F23 vs. S23	F2-3 up	GO:0102502	Metabolism	Bioenergetics	ADP-glucose-starch glucosyltransferase activity	F	AT1G32900
34028	7	F23 vs. S23	F2-3 up	GO:0080041	Metabolism	Bioenergetics	ADP-ribose pyrophosphohydrolase activity	F	AT2G29630
34029	7	F23 vs. S23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT3G27380
34030	7	F23 vs. S23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT5G40650
34031	7	F23 vs. S23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG00430
34032	7	F23 vs. S23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG01050
34033	7	F23 vs. S23	F2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	ATCG01100
34034	7	F23 vs. S23	F2-3 up	GO:0004022	Metabolism	Bioenergetics	alcohol dehydrogenase (NAD+) activity	F	AT1G51410
34035	7	F23 vs. S23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G21250
34036	7	F23 vs. S23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37760
34037	7	F23 vs. S23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37770
34038	7	F23 vs. S23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT2G37790
34039	7	F23 vs. S23	F2-3 up	GO:0008106	Metabolism	Bioenergetics	alcohol dehydrogenase (NADP+) activity	F	AT3G61220
34040	7	F23 vs. S23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G24503
34041	7	F23 vs. S23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G48000
34042	7	F23 vs. S23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G48170
34043	7	F23 vs. S23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT3G66658
34044	7	F23 vs. S23	F2-3 up	GO:0004029	Metabolism	Bioenergetics	aldehyde dehydrogenase (NAD+) activity	F	AT4G36250
34045	7	F23 vs. S23	F2-3 up	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G21250
34046	7	F23 vs. S23	F2-3 up	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37760
34047	7	F23 vs. S23	F2-3 up	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37770
34048	7	F23 vs. S23	F2-3 up	GO:0004032	Metabolism	Bioenergetics	alditol:NADP+ 1-oxidoreductase activity	F	AT2G37790
34049	7	F23 vs. S23	F2-3 up	GO:0004033	Metabolism	Bioenergetics	aldo-keto reductase (NADP) activity	F	AT2G37760
34050	7	F23 vs. S23	F2-3 up	GO:0004033	Metabolism	Bioenergetics	aldo-keto reductase (NADP) activity	F	AT2G37770
34051	7	F23 vs. S23	F2-3 up	GO:0004555	Metabolism	Bioenergetics	alpha,alpha-trehalase activity	F	AT4G24040
34052	7	F23 vs. S23	F2-3 up	GO:0004556	Metabolism	Bioenergetics	alpha-amylase activity	F	AT1G76130
34053	7	F23 vs. S23	F2-3 up	GO:0103025	Metabolism	Bioenergetics	alpha-amylase activity (releasing maltohexaose)	F	AT1G76130
34054	7	F23 vs. S23	F2-3 up	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G37300
34055	7	F23 vs. S23	F2-3 up	GO:0102966	Metabolism	Bioenergetics	arachidoyl-CoA:1-dodecanol O-acyltransferase activity	F	AT5G55340
34056	7	F23 vs. S23	F2-3 up	GO:0047681	Metabolism	Bioenergetics	aryl-alcohol dehydrogenase (NADP+) activity	F	AT4G37990
34057	7	F23 vs. S23	F2-3 up	GO:0003878	Metabolism	Bioenergetics	ATP citrate synthase activity	F	AT1G09430
34058	7	F23 vs. S23	F2-3 up	GO:0003878	Metabolism	Bioenergetics	ATP citrate synthase activity	F	AT1G60810
34059	7	F23 vs. S23	F2-3 up	GO:0046034	Metabolism	Bioenergetics	ATP metabolic process	P	AT1G76030
34060	7	F23 vs. S23	F2-3 up	GO:0046034	Metabolism	Bioenergetics	ATP metabolic process	P	AT1G78900
34061	7	F23 vs. S23	F2-3 up	GO:0046034	Metabolism	Bioenergetics	ATP metabolic process	P	AT4G38510
34062	7	F23 vs. S23	F2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATCG01050
34063	7	F23 vs. S23	F2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATMG00650
34064	7	F23 vs. S23	F2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	AT3G52300
34065	7	F23 vs. S23	F2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATCG00140
34066	7	F23 vs. S23	F2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATCG00480
34067	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G65410
34068	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G66950
34069	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G67940
34070	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G70610
34071	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G71960
34072	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G07560
34073	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G18960
34074	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G25530
34075	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G26910
34076	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G34660
34077	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G09440
34078	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G12580
34079	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G21250

34080	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G24530
34081	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G42640
34082	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G47950
34083	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G55100
34084	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G34720
34085	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G02270
34086	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G06530
34087	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G08690
34088	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G18280
34089	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G40010
34090	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G42270
34091	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G44110
34092	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G57350
34093	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G60790
34094	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G61700
34095	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G64840
34096	7	F23 vs. S23	F2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	ATCG00480
34097	7	F23 vs. S23	F2-3 up	GO:0042623	Metabolism	Bioenergetics	ATPase activity, coupled	F	AT3G09440
34098	7	F23 vs. S23	F2-3 up	GO:0042623	Metabolism	Bioenergetics	ATPase activity, coupled	F	AT3G12580
34099	7	F23 vs. S23	F2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT3G23920
34100	7	F23 vs. S23	F2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT4G15210
34101	7	F23 vs. S23	F2-3 up	GO:0042409	Metabolism	Bioenergetics	caffeoyl-CoA O-methyltransferase activity	F	AT4G34050
34102	7	F23 vs. S23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G64390
34103	7	F23 vs. S23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G64770
34104	7	F23 vs. S23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G73040
34105	7	F23 vs. S23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G19840
34106	7	F23 vs. S23	F2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT4G35010
34107	7	F23 vs. S23	F2-3 up	GO:0016051	Metabolism	Bioenergetics	carbohydrate biosynthetic process	P	AT3G55800
34108	7	F23 vs. S23	F2-3 up	GO:1901135	Metabolism	Bioenergetics	carbohydrate derivative metabolic process	P	AT3G54690
34109	7	F23 vs. S23	F2-3 up	GO:0019200	Metabolism	Bioenergetics	carbohydrate kinase activity	F	AT2G31390
34110	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G02790
34111	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G12230
34112	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G23190
34113	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G45130
34114	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G48100
34115	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G60590
34116	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G61820
34117	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G64770
34118	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT1G76130
34119	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G23900
34120	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G42790
34121	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G44450
34122	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G02570
34123	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G03640
34124	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G06510
34125	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07820
34126	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07830
34127	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07840
34128	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G07850
34129	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G18080
34130	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G29360
34131	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G54690
34132	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G60100
34133	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G62710
34134	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G35010
34135	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G08370

34136	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G13420
34137	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G20940
34138	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G25980
34139	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G48140
34140	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G56870
34141	7	F23 vs. S23	F2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G58330
34142	7	F23 vs. S23	F2-3 up	GO:0019203	Metabolism	Bioenergetics	carbohydrate phosphatase activity	F	AT3G52180
34143	7	F23 vs. S23	F2-3 up	GO:0044262	Metabolism	Bioenergetics	cellular carbohydrate metabolic process	P	AT1G09780
34144	7	F23 vs. S23	F2-3 up	GO:0044262	Metabolism	Bioenergetics	cellular carbohydrate metabolic process	P	AT3G55440
34145	7	F23 vs. S23	F2-3 up	GO:0044262	Metabolism	Bioenergetics	cellular carbohydrate metabolic process	P	AT5G61410
34146	7	F23 vs. S23	F2-3 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	AT3G22370
34147	7	F23 vs. S23	F2-3 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	ATMG00060
34148	7	F23 vs. S23	F2-3 up	GO:0045333	Metabolism	Bioenergetics	cellular respiration	P	ATMG00650
34149	7	F23 vs. S23	F2-3 up	GO:0004108	Metabolism	Bioenergetics	citrate (Si)-synthase activity	F	AT2G42790
34150	7	F23 vs. S23	F2-3 up	GO:0004108	Metabolism	Bioenergetics	citrate (Si)-synthase activity	F	AT3G60100
34151	7	F23 vs. S23	F2-3 up	GO:0009346	Metabolism	Bioenergetics	citrate lyase complex	C	AT1G09430
34152	7	F23 vs. S23	F2-3 up	GO:0009346	Metabolism	Bioenergetics	citrate lyase complex	C	AT1G60810
34153	7	F23 vs. S23	F2-3 up	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT2G05710
34154	7	F23 vs. S23	F2-3 up	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT3G60100
34155	7	F23 vs. S23	F2-3 up	GO:0006101	Metabolism	Bioenergetics	citrate metabolic process	P	AT4G26970
34156	7	F23 vs. S23	F2-3 up	GO:0015937	Metabolism	Bioenergetics	coenzyme A biosynthetic process	P	AT1G60440
34157	7	F23 vs. S23	F2-3 up	GO:0015936	Metabolism	Bioenergetics	coenzyme A metabolic process	P	AT2G17370
34158	7	F23 vs. S23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G09340
34159	7	F23 vs. S23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT1G51410
34160	7	F23 vs. S23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT2G17370
34161	7	F23 vs. S23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT2G21280
34162	7	F23 vs. S23	F2-3 up	GO:0050662	Metabolism	Bioenergetics	coenzyme binding	F	AT5G42800
34163	7	F23 vs. S23	F2-3 up	GO:0006176	Metabolism	Bioenergetics	dATP biosynthetic process from ADP	P	ATCG00120
34164	7	F23 vs. S23	F2-3 up	GO:0102391	Metabolism	Bioenergetics	decanoate-CoA ligase activity	F	AT4G11030
34165	7	F23 vs. S23	F2-3 up	GO:0016720	Metabolism	Bioenergetics	delta12-fatty acid dehydrogenase activity	F	AT3G12120
34166	7	F23 vs. S23	F2-3 up	GO:0102985	Metabolism	Bioenergetics	Delta12-fatty-acid desaturase activity	F	AT3G12120
34167	7	F23 vs. S23	F2-3 up	GO:0017113	Metabolism	Bioenergetics	dihydropyrimidine dehydrogenase (NADP+) activity	F	AT3G17810
34168	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G03850
34169	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G10960
34170	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G28480
34171	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G48030
34172	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G50940
34173	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G64500
34174	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G42750
34175	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G24170
34176	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G27380
34177	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G28850
34178	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G54660
34179	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G62960
34180	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G10040
34181	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G03880
34182	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G18600
34183	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G40650
34184	7	F23 vs. S23	F2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G66760
34185	7	F23 vs. S23	F2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT1G10960
34186	7	F23 vs. S23	F2-3 up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATCG00430
34187	7	F23 vs. S23	F2-3 up	GO:0015990	Metabolism	Bioenergetics	electron transport coupled proton transport	P	ATCG01050
34188	7	F23 vs. S23	F2-3 up	GO:0004174	Metabolism	Bioenergetics	electron-transferring-flavoprotein dehydrogenase activity	F	AT3G44190
34189	7	F23 vs. S23	F2-3 up	GO:0031314	Metabolism	Bioenergetics	extrinsic component of mitochondrial inner membrane	C	AT3G03420

34190	7	F23 vs. S23	F2-3 up	GO:0031314	Metabolism	Bioenergetics	extrinsic component of mitochondrial inner membrane	C	AT4G05020
34191	7	F23 vs. S23	F2-3 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT2G33150
34192	7	F23 vs. S23	F2-3 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT2G42790
34193	7	F23 vs. S23	F2-3 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT3G51840
34194	7	F23 vs. S23	F2-3 up	GO:0033539	Metabolism	Bioenergetics	fatty acid beta-oxidation using acyl-CoA dehydrogenase	P	AT1G50940
34195	7	F23 vs. S23	F2-3 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT2G37870
34196	7	F23 vs. S23	F2-3 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT3G53980
34197	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G01120
34198	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G07720
34199	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G08510
34200	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT1G68530
34201	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT2G46720
34202	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT3G16170
34203	7	F23 vs. S23	F2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT4G11030
34204	7	F23 vs. S23	F2-3 up	GO:0009062	Metabolism	Bioenergetics	fatty acid catabolic process	P	AT1G01710
34205	7	F23 vs. S23	F2-3 up	GO:0009922	Metabolism	Bioenergetics	fatty acid elongase activity	F	AT1G01120
34206	7	F23 vs. S23	F2-3 up	GO:0030497	Metabolism	Bioenergetics	fatty acid elongation	P	AT1G01120
34207	7	F23 vs. S23	F2-3 up	GO:0030497	Metabolism	Bioenergetics	fatty acid elongation	P	AT1G24360
34208	7	F23 vs. S23	F2-3 up	GO:0030497	Metabolism	Bioenergetics	fatty acid elongation	P	AT2G46720
34209	7	F23 vs. S23	F2-3 up	GO:0052722	Metabolism	Bioenergetics	fatty acid in-chain hydroxylase activity	F	AT3G10570
34210	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G01600
34211	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G63710
34212	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT2G01490
34213	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT3G48460
34214	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G00360
34215	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT4G11030
34216	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT5G20410
34217	7	F23 vs. S23	F2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT5G36880
34218	7	F23 vs. S23	F2-3 up	GO:0019395	Metabolism	Bioenergetics	fatty acid oxidation	P	AT2G33150
34219	7	F23 vs. S23	F2-3 up	GO:0019395	Metabolism	Bioenergetics	fatty acid oxidation	P	AT5G04660
34220	7	F23 vs. S23	F2-3 up	GO:0004321	Metabolism	Bioenergetics	fatty-acyl-CoA synthase activity	F	AT5G63380
34221	7	F23 vs. S23	F2-3 up	GO:0008865	Metabolism	Bioenergetics	fructokinase activity	F	AT2G31390
34222	7	F23 vs. S23	F2-3 up	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT2G31390
34223	7	F23 vs. S23	F2-3 up	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT3G54050
34224	7	F23 vs. S23	F2-3 up	GO:0006000	Metabolism	Bioenergetics	fructose metabolic process	P	AT3G55800
34225	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT2G21330
34226	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT2G36460
34227	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G04120
34228	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G12780
34229	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G54050
34230	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G55440
34231	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT3G55800
34232	7	F23 vs. S23	F2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT4G38970
34233	7	F23 vs. S23	F2-3 up	GO:0006007	Metabolism	Bioenergetics	glucose catabolic process	P	AT1G09780
34234	7	F23 vs. S23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G23190
34235	7	F23 vs. S23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT1G42970
34236	7	F23 vs. S23	F2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT3G26650
34237	7	F23 vs. S23	F2-3 up	GO:0008878	Metabolism	Bioenergetics	glucose-1-phosphate adenylyltransferase activity	F	AT5G19220
34238	7	F23 vs. S23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT1G54100
34239	7	F23 vs. S23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G24503
34240	7	F23 vs. S23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G48000

34241	7	F23 vs. S23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT3G66658
34242	7	F23 vs. S23	F2-3 up	GO:0043878	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (non-phosphorylating) activity	F	AT4G36250
34243	7	F23 vs. S23	F2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT1G42970
34244	7	F23 vs. S23	F2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G04120
34245	7	F23 vs. S23	F2-3 up	GO:0004365	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NAD+) (phosphorylating) activity	F	AT3G26650
34246	7	F23 vs. S23	F2-3 up	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT2G24270
34247	7	F23 vs. S23	F2-3 up	GO:0008886	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (non-phosphorylating) activity	F	AT3G04120
34248	7	F23 vs. S23	F2-3 up	GO:0047100	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (phosphorylating) activity	F	AT1G42970
34249	7	F23 vs. S23	F2-3 up	GO:0047100	Metabolism	Bioenergetics	glyceraldehyde-3-phosphate dehydrogenase (NADP+) (phosphorylating) activity	F	AT3G26650
34250	7	F23 vs. S23	F2-3 up	GO:0004373	Metabolism	Bioenergetics	glycogen (starch) synthase activity	F	AT1G32900
34251	7	F23 vs. S23	F2-3 up	GO:0004373	Metabolism	Bioenergetics	glycogen (starch) synthase activity	F	AT3G01180
34252	7	F23 vs. S23	F2-3 up	GO:0008891	Metabolism	Bioenergetics	glycolate oxidase activity	F	AT3G14420
34253	7	F23 vs. S23	F2-3 up	GO:0008891	Metabolism	Bioenergetics	glycolate oxidase activity	F	AT4G18360
34254	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT1G09780
34255	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G21330
34256	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G36460
34257	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G36580
34258	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G04120
34259	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G12780
34260	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT3G55440
34261	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT4G38970
34262	7	F23 vs. S23	F2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT5G50850
34263	7	F23 vs. S23	F2-3 up	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT2G05710
34264	7	F23 vs. S23	F2-3 up	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT2G22780
34265	7	F23 vs. S23	F2-3 up	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT4G26970
34266	7	F23 vs. S23	F2-3 up	GO:0006097	Metabolism	Bioenergetics	glyoxylate cycle	P	AT5G09660
34267	7	F23 vs. S23	F2-3 up	GO:0030267	Metabolism	Bioenergetics	glyoxylate reductase (NADP) activity	F	AT1G68010
34268	7	F23 vs. S23	F2-3 up	GO:0009514	Metabolism	Bioenergetics	glyoxysome	C	AT2G33150
34269	7	F23 vs. S23	F2-3 up	GO:0009514	Metabolism	Bioenergetics	glyoxysome	C	AT3G51840
34270	7	F23 vs. S23	F2-3 up	GO:0009514	Metabolism	Bioenergetics	glyoxysome	C	AT5G36880
34271	7	F23 vs. S23	F2-3 up	GO:0010111	Metabolism	Bioenergetics	glyoxysome organization	P	AT2G33150
34272	7	F23 vs. S23	F2-3 up	GO:0050505	Metabolism	Bioenergetics	hydroquinone glucosyltransferase activity	F	AT4G01070
34273	7	F23 vs. S23	F2-3 up	GO:0004420	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase (NADPH) activity	F	AT2G17370
34274	7	F23 vs. S23	F2-3 up	GO:0042282	Metabolism	Bioenergetics	hydroxymethylglutaryl-CoA reductase activity	F	AT2G17370
34275	7	F23 vs. S23	F2-3 up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT5G14040
34276	7	F23 vs. S23	F2-3 up	GO:0031307	Metabolism	Bioenergetics	integral component of mitochondrial outer membrane	C	AT1G53000
34277	7	F23 vs. S23	F2-3 up	GO:0031307	Metabolism	Bioenergetics	integral component of mitochondrial outer membrane	C	AT2G38670
34278	7	F23 vs. S23	F2-3 up	GO:0031304	Metabolism	Bioenergetics	intrinsic component of mitochondrial inner membrane	C	AT2G29990
34279	7	F23 vs. S23	F2-3 up	GO:0004449	Metabolism	Bioenergetics	isocitrate dehydrogenase (NAD+) activity	F	AT3G09810
34280	7	F23 vs. S23	F2-3 up	GO:0004449	Metabolism	Bioenergetics	isocitrate dehydrogenase (NAD+) activity	F	AT4G35260
34281	7	F23 vs. S23	F2-3 up	GO:0004449	Metabolism	Bioenergetics	isocitrate dehydrogenase (NAD+) activity	F	AT5G03290
34282	7	F23 vs. S23	F2-3 up	GO:0004450	Metabolism	Bioenergetics	isocitrate dehydrogenase (NADP+) activity	F	AT1G65930

34283	7	F23 vs. S23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT1G65930
34284	7	F23 vs. S23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT2G05710
34285	7	F23 vs. S23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT3G09810
34286	7	F23 vs. S23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT4G26970
34287	7	F23 vs. S23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT4G35260
34288	7	F23 vs. S23	F2-3 up	GO:0006102	Metabolism	Bioenergetics	isocitrate metabolic process	P	AT5G03290
34289	7	F23 vs. S23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT1G72520
34290	7	F23 vs. S23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT3G22400
34291	7	F23 vs. S23	F2-3 up	GO:0034440	Metabolism	Bioenergetics	lipid oxidation	P	AT3G45140
34292	7	F23 vs. S23	F2-3 up	GO:0030060	Metabolism	Bioenergetics	L-malate dehydrogenase activity	F	AT2G22780
34293	7	F23 vs. S23	F2-3 up	GO:0030060	Metabolism	Bioenergetics	L-malate dehydrogenase activity	F	AT5G09660
34294	7	F23 vs. S23	F2-3 up	GO:0030060	Metabolism	Bioenergetics	L-malate dehydrogenase activity	F	AT5G58330
34295	7	F23 vs. S23	F2-3 up	GO:0004467	Metabolism	Bioenergetics	long-chain fatty acid-CoA ligase activity	F	AT4G11030
34296	7	F23 vs. S23	F2-3 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT3G14130
34297	7	F23 vs. S23	F2-3 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT3G14420
34298	7	F23 vs. S23	F2-3 up	GO:0052853	Metabolism	Bioenergetics	long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity	F	AT4G18360
34299	7	F23 vs. S23	F2-3 up	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G37300
34300	7	F23 vs. S23	F2-3 up	GO:0047196	Metabolism	Bioenergetics	long-chain-alcohol O-fatty-acyltransferase activity	F	AT5G55340
34301	7	F23 vs. S23	F2-3 up	GO:0004471	Metabolism	Bioenergetics	malate dehydrogenase (decarboxylating) (NAD+) activity	F	AT5G11670
34302	7	F23 vs. S23	F2-3 up	GO:0004473	Metabolism	Bioenergetics	malate dehydrogenase (decarboxylating) (NADP+) activity	F	AT5G11670
34303	7	F23 vs. S23	F2-3 up	GO:0046554	Metabolism	Bioenergetics	malate dehydrogenase (NADP+) activity	F	AT5G58330
34304	7	F23 vs. S23	F2-3 up	GO:0016615	Metabolism	Bioenergetics	malate dehydrogenase activity	F	AT5G09660
34305	7	F23 vs. S23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT2G22780
34306	7	F23 vs. S23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G09660
34307	7	F23 vs. S23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G11670
34308	7	F23 vs. S23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G50950
34309	7	F23 vs. S23	F2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT5G58330
34310	7	F23 vs. S23	F2-3 up	GO:0004470	Metabolism	Bioenergetics	malic enzyme activity	F	AT5G11670
34311	7	F23 vs. S23	F2-3 up	GO:0090409	Metabolism	Bioenergetics	malonyl-CoA synthetase activity	F	AT3G16170
34312	7	F23 vs. S23	F2-3 up	GO:0004485	Metabolism	Bioenergetics	methylcrotonoyl-CoA carboxylase activity	F	AT4G34030
34313	7	F23 vs. S23	F2-3 up	GO:0042776	Metabolism	Bioenergetics	mitochondrial ATP synthesis coupled proton transport	P	AT5G08690
34314	7	F23 vs. S23	F2-3 up	GO:0006123	Metabolism	Bioenergetics	mitochondrial electron transport, cytochrome c to oxygen	P	AT4G10040
34315	7	F23 vs. S23	F2-3 up	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT3G27380
34316	7	F23 vs. S23	F2-3 up	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT5G40650
34317	7	F23 vs. S23	F2-3 up	GO:0006121	Metabolism	Bioenergetics	mitochondrial electron transport, succinate to ubiquinone	P	AT5G66760
34318	7	F23 vs. S23	F2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT4G10040
34319	7	F23 vs. S23	F2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT1G09780
34320	7	F23 vs. S23	F2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT1G13900
34321	7	F23 vs. S23	F2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT3G04120
34322	7	F23 vs. S23	F2-3 up	GO:0005740	Metabolism	Bioenergetics	mitochondrial envelope	C	AT5G13490
34323	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT2G22500
34324	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT3G22370
34325	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT3G27380
34326	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT4G05020
34327	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G13490

34328	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G17400
34329	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G46800
34330	7	F23 vs. S23	F2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT5G66650
34331	7	F23 vs. S23	F2-3 up	GO:0005758	Metabolism	Bioenergetics	mitochondrial intermembrane space	C	AT4G10040
34332	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G48030
34333	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G50940
34334	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G79440
34335	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G17420
34336	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G20860
34337	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G42790
34338	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G48000
34339	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G60100
34340	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT4G34030
34341	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT4G37930
34342	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G04140
34343	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G09230
34344	7	F23 vs. S23	F2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G50850
34345	7	F23 vs. S23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT3G17611
34346	7	F23 vs. S23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT5G40010
34347	7	F23 vs. S23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT5G51970
34348	7	F23 vs. S23	F2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	ATMG00650
34349	7	F23 vs. S23	F2-3 up	GO:0034982	Metabolism	Bioenergetics	mitochondrial protein processing	P	AT3G03420
34350	7	F23 vs. S23	F2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT3G52300
34351	7	F23 vs. S23	F2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT5G08690
34352	7	F23 vs. S23	F2-3 up	GO:0033615	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex assembly	P	AT3G03420
34353	7	F23 vs. S23	F2-3 up	GO:0000275	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex, catalytic core F(1)	C	AT5G08690
34354	7	F23 vs. S23	F2-3 up	GO:0005754	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase, catalytic core	C	ATCG00480
34355	7	F23 vs. S23	F2-3 up	GO:0000274	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase, stator stalk	C	AT3G52300
34356	7	F23 vs. S23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G48030
34357	7	F23 vs. S23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT4G20150
34358	7	F23 vs. S23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT5G08690
34359	7	F23 vs. S23	F2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	ATMG00060
34360	7	F23 vs. S23	F2-3 up	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT5G40650
34361	7	F23 vs. S23	F2-3 up	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT5G66760
34362	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01600
34363	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02205
34364	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G06090
34365	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G10330
34366	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G11840
34367	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G11860
34368	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G13270
34369	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G13900
34370	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G13970
34371	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14560
34372	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G15500
34373	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20620
34374	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20630
34375	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G21760

34376	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G22750
34377	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G23780
34378	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G29470
34379	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G44000
34380	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G48030
34381	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G48460
34382	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G49670
34383	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G50940
34384	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G53000
34385	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G54280
34386	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G58180
34387	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G58265
34388	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G62250
34389	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G62750
34390	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G63060
34391	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G63900
34392	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G63940
34393	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G65930
34394	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G66200
34395	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G66950
34396	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G67280
34397	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G67730
34398	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68010
34399	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68530
34400	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69530
34401	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70310
34402	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70580
34403	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70610
34404	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70940
34405	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71500
34406	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72240
34407	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G72330
34408	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73260
34409	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73390
34410	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73500
34411	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G74880
34412	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75220
34413	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75510
34414	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G76030
34415	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G76080
34416	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G77090
34417	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78320
34418	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78370
34419	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78380
34420	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78900
34421	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79440
34422	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80360
34423	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80380
34424	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80460
34425	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80600
34426	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80660
34427	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G05100
34428	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G05710
34429	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07708
34430	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G15620
34431	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G17420

34432	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G17710
34433	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19330
34434	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19570
34435	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19770
34436	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20010
34437	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20470
34438	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20860
34439	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20890
34440	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21220
34441	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21250
34442	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21330
34443	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G22500
34444	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G24180
34445	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G25530
34446	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G26080
34447	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G29990
34448	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G33150
34449	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G33210
34450	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35660
34451	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G36460
34452	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G37860
34453	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G38110
34454	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G38400
34455	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G38670
34456	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40000
34457	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40890
34458	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G42790
34459	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G43020
34460	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02780
34461	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03420
34462	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03430
34463	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G04120
34464	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G08730
34465	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G09810
34466	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G10570
34467	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G12580
34468	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G12780
34469	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G13110
34470	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G16170
34471	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20190
34472	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20300
34473	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20530
34474	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G21700
34475	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G22310
34476	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G22370
34477	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G23290
34478	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G25140
34479	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G27380
34480	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G30180
34481	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G45870
34482	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G46520
34483	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48000
34484	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48170
34485	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G51860
34486	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G52300
34487	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G54660

34488	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55440
34489	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55610
34490	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55640
34491	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G60100
34492	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G61160
34493	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G02380
34494	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05020
34495	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G10040
34496	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12030
34497	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G12410
34498	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G13345
34499	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G13360
34500	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G13450
34501	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G15620
34502	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G19450
34503	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G20150
34504	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G20760
34505	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24380
34506	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G25100
34507	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G25720
34508	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G26970
34509	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G27630
34510	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G31330
34511	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G33010
34512	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G33150
34513	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G34030
34514	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G34200
34515	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35260
34516	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G37430
34517	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G37930
34518	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G39030
34519	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G01080
34520	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G01600
34521	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G03290
34522	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G04140
34523	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G06320
34524	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G06530
34525	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G08690
34526	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G09810
34527	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G11070
34528	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13420
34529	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13490
34530	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G14040
34531	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G15910
34532	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G17400
34533	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G17480
34534	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G23060
34535	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G23250
34536	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G24120
34537	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G24690
34538	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G35630
34539	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G37300
34540	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G38660
34541	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40010
34542	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40650
34543	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G42650

34544	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43150
34545	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G43380
34546	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G44720
34547	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G46800
34548	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G49970
34549	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G50850
34550	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G50950
34551	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G51720
34552	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G54770
34553	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G54780
34554	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G57785
34555	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58330
34556	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58690
34557	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G58770
34558	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G59370
34559	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G61710
34560	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G63380
34561	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64050
34562	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64250
34563	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G65720
34564	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G66760
34565	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATCG00120
34566	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATCG00270
34567	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00060
34568	7	F23 vs. S23	F2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00650
34569	7	F23 vs. S23	F2-3 up	GO:0007005	Metabolism	Bioenergetics	mitochondrion organization	P	AT5G64050
34570	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G17745
34571	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G24360
34572	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G42970
34573	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G65930
34574	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G68010
34575	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT1G79440
34576	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT2G27860
34577	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G04120
34578	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G09810
34579	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G26650
34580	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT3G29360
34581	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT4G34200
34582	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G03290
34583	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G11670
34584	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G14200
34585	7	F23 vs. S23	F2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT5G39320
34586	7	F23 vs. S23	F2-3 up	GO:0008746	Metabolism	Bioenergetics	NAD(P)+ transhydrogenase activity	F	AT5G58330
34587	7	F23 vs. S23	F2-3 up	GO:0003955	Metabolism	Bioenergetics	NAD(P)H dehydrogenase (quinone) activity	F	AT4G36750
34588	7	F23 vs. S23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT1G15980
34589	7	F23 vs. S23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT1G64770
34590	7	F23 vs. S23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT1G74880
34591	7	F23 vs. S23	F2-3 up	GO:0010598	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex (plastoquinone)	C	AT4G23890
34592	7	F23 vs. S23	F2-3 up	GO:0010275	Metabolism	Bioenergetics	NAD(P)H dehydrogenase complex assembly	P	AT2G47910
34593	7	F23 vs. S23	F2-3 up	GO:0016174	Metabolism	Bioenergetics	NAD(P)H oxidase activity	F	AT1G64060
34594	7	F23 vs. S23	F2-3 up	GO:0016174	Metabolism	Bioenergetics	NAD(P)H oxidase activity	F	AT5G47910
34595	7	F23 vs. S23	F2-3 up	GO:0070403	Metabolism	Bioenergetics	NAD+ binding	F	AT5G59290
34596	7	F23 vs. S23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00420
34597	7	F23 vs. S23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG00430
34598	7	F23 vs. S23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG01050
34599	7	F23 vs. S23	F2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATMG00650

34600	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT5G10730
34601	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	AT5G15910
34602	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG00430
34603	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG01050
34604	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATCG01100
34605	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATMG00060
34606	7	F23 vs. S23	F2-3 up	GO:0003954	Metabolism	Bioenergetics	NADH dehydrogenase activity	F	ATMG00650
34607	7	F23 vs. S23	F2-3 up	GO:0030964	Metabolism	Bioenergetics	NADH dehydrogenase complex	C	ATMG00650
34608	7	F23 vs. S23	F2-3 up	GO:0010258	Metabolism	Bioenergetics	NADH dehydrogenase complex (plastoquinone) assembly	P	AT1G74880
34609	7	F23 vs. S23	F2-3 up	GO:0006734	Metabolism	Bioenergetics	NADH metabolic process	P	AT5G49970
34610	7	F23 vs. S23	F2-3 up	GO:0006734	Metabolism	Bioenergetics	NADH metabolic process	P	AT5G58330
34611	7	F23 vs. S23	F2-3 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G29680
34612	7	F23 vs. S23	F2-3 up	GO:0052856	Metabolism	Bioenergetics	NADHX epimerase activity	F	AT5G49970
34613	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G42970
34614	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G58290
34615	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G62570
34616	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT1G64190
34617	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G02360
34618	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G04120
34619	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G17810
34620	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G24170
34621	7	F23 vs. S23	F2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT3G54660
34622	7	F23 vs. S23	F2-3 up	GO:0006739	Metabolism	Bioenergetics	NADP metabolic process	P	AT1G65930
34623	7	F23 vs. S23	F2-3 up	GO:0006739	Metabolism	Bioenergetics	NADP metabolic process	P	AT5G49970
34624	7	F23 vs. S23	F2-3 up	GO:0070401	Metabolism	Bioenergetics	NADP+ binding	F	AT2G37760
34625	7	F23 vs. S23	F2-3 up	GO:0070401	Metabolism	Bioenergetics	NADP+ binding	F	AT2G37770
34626	7	F23 vs. S23	F2-3 up	GO:0070402	Metabolism	Bioenergetics	NADPH binding	F	AT5G62790
34627	7	F23 vs. S23	F2-3 up	GO:0003959	Metabolism	Bioenergetics	NADPH dehydrogenase activity	F	AT1G20020
34628	7	F23 vs. S23	F2-3 up	GO:0052857	Metabolism	Bioenergetics	NADPHX epimerase activity	F	AT5G49970
34629	7	F23 vs. S23	F2-3 up	GO:0031999	Metabolism	Bioenergetics	negative regulation of fatty acid beta-oxidation	P	AT1G63900
34630	7	F23 vs. S23	F2-3 up	GO:0008942	Metabolism	Bioenergetics	nitrite reductase [NAD(P)H] activity	F	AT1G71500
34631	7	F23 vs. S23	F2-3 up	GO:0045485	Metabolism	Bioenergetics	omega-6 fatty acid desaturase activity	F	AT3G12120
34632	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G23010
34633	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G41830
34634	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G49670
34635	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G50940
34636	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G51410
34637	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G55560
34638	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G55570
34639	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G65840
34640	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G21250
34641	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G21280
34642	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37760
34643	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37770
34644	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G37790
34645	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT2G43020
34646	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13390
34647	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G13400
34648	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G15090
34649	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G13010
34650	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G22870
34651	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G30470
34652	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G16010
34653	7	F23 vs. S23	F2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G42800

34654	7	F23 vs. S23	F2-3 up	GO:0016671	Metabolism	Bioenergetics	oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor	F	AT3G15360
34655	7	F23 vs. S23	F2-3 up	GO:0016682	Metabolism	Bioenergetics	oxidoreductase activity, acting on diphenols and related substances as donors, oxygen as acceptor	F	AT1G23010
34656	7	F23 vs. S23	F2-3 up	GO:0016730	Metabolism	Bioenergetics	oxidoreductase activity, acting on iron-sulfur proteins as donors	F	AT4G11960
34657	7	F23 vs. S23	F2-3 up	GO:0016651	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H	F	ATCG01050
34658	7	F23 vs. S23	F2-3 up	GO:0016651	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H	F	ATCG01100
34659	7	F23 vs. S23	F2-3 up	GO:0050664	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H, oxygen as acceptor	F	AT4G39230
34660	7	F23 vs. S23	F2-3 up	GO:0016655	Metabolism	Bioenergetics	oxidoreductase activity, acting on NAD(P)H, quinone or similar compound as acceptor	F	AT1G74880
34661	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT1G58265
34662	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G14620
34663	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G30180
34664	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT3G48520
34665	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G39480
34666	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT4G39510
34667	7	F23 vs. S23	F2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT5G42650
34668	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT1G16410
34669	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G24180
34670	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT2G40890
34671	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT3G10570
34672	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT3G61880
34673	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G13770
34674	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G37310

34675	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G37430
34676	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT5G04660
34677	7	F23 vs. S23	F2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT5G25120
34678	7	F23 vs. S23	F2-3 up	GO:0016717	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water	F	AT1G06090
34679	7	F23 vs. S23	F2-3 up	GO:0016701	Metabolism	Bioenergetics	oxidoreductase activity, acting on single donors with incorporation of molecular oxygen	F	AT4G15093
34680	7	F23 vs. S23	F2-3 up	GO:0016627	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-CH group of donors	F	AT5G16010
34681	7	F23 vs. S23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G24360
34682	7	F23 vs. S23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT1G51410
34683	7	F23 vs. S23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G30470
34684	7	F23 vs. S23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G34230
34685	7	F23 vs. S23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT4G37990
34686	7	F23 vs. S23	F2-3 up	GO:0016616	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	F	AT5G42800
34687	7	F23 vs. S23	F2-3 up	GO:0016899	Metabolism	Bioenergetics	oxidoreductase activity, acting on the CH-OH group of donors, oxygen as acceptor	F	AT1G01980
34688	7	F23 vs. S23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT1G12230
34689	7	F23 vs. S23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT2G21330
34690	7	F23 vs. S23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT2G36460
34691	7	F23 vs. S23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT4G38970
34692	7	F23 vs. S23	F2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT5G13420
34693	7	F23 vs. S23	F2-3 up	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT2G01290
34694	7	F23 vs. S23	F2-3 up	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT3G04790
34695	7	F23 vs. S23	F2-3 up	GO:0009052	Metabolism	Bioenergetics	pentose-phosphate shunt, non-oxidative branch	P	AT5G61410
34696	7	F23 vs. S23	F2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT1G64190
34697	7	F23 vs. S23	F2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT3G02360
34698	7	F23 vs. S23	F2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT5G11670
34699	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G23310
34700	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G68010
34701	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G70580
34702	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G80380
34703	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G38400
34704	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT4G37930
34705	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT5G04140
34706	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT5G38420
34707	7	F23 vs. S23	F2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	ATCG00490
34708	7	F23 vs. S23	F2-3 up	GO:0048244	Metabolism	Bioenergetics	phytanoyl-CoA dioxygenase activity	F	AT2G01490
34709	7	F23 vs. S23	F2-3 up	GO:0045272	Metabolism	Bioenergetics	plasma membrane respiratory chain complex I	C	ATCG00430

34710	7	F23 vs. S23	F2-3 up	GO:0000271	Metabolism	Bioenergetics	polysaccharide biosynthetic process	P	AT4G02500
34711	7	F23 vs. S23	F2-3 up	GO:1903862	Metabolism	Bioenergetics	positive regulation of oxidative phosphorylation	P	AT3G12780
34712	7	F23 vs. S23	F2-3 up	GO:1903942	Metabolism	Bioenergetics	positive regulation of respiratory gaseous exchange	P	AT5G65810
34713	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G32450
34714	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G76030
34715	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G78900
34716	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT1G80660
34717	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G07560
34718	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G18960
34719	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT2G22500
34720	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G42640
34721	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G47950
34722	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT3G60330
34723	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT4G25950
34724	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT4G38510
34725	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT5G51710
34726	7	F23 vs. S23	F2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT5G57350
34727	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT1G80660
34728	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT2G07560
34729	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT2G18960
34730	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G42640
34731	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G47950
34732	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT3G60330
34733	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT4G25950
34734	7	F23 vs. S23	F2-3 up	GO:0008553	Metabolism	Bioenergetics	proton-exporting ATPase activity, phosphorylative mechanism	F	AT5G57350
34735	7	F23 vs. S23	F2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	AT3G52300
34736	7	F23 vs. S23	F2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	AT5G08690
34737	7	F23 vs. S23	F2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATCG00140
34738	7	F23 vs. S23	F2-3 up	GO:0045261	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, catalytic core F(1)	C	AT5G08690
34739	7	F23 vs. S23	F2-3 up	GO:0045261	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, catalytic core F(1)	C	ATCG00120
34740	7	F23 vs. S23	F2-3 up	GO:0045261	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, catalytic core F(1)	C	ATCG00480
34741	7	F23 vs. S23	F2-3 up	GO:0045263	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, coupling factor F(o)	C	ATCG00140
34742	7	F23 vs. S23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT1G78900
34743	7	F23 vs. S23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT3G58730
34744	7	F23 vs. S23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	AT4G34720
34745	7	F23 vs. S23	F2-3 up	GO:0046961	Metabolism	Bioenergetics	proton-transporting ATPase activity, rotational mechanism	F	ATCG00120

34746	7	F23 vs. S23	F2-3 up	GO:0033176	Metabolism	Bioenergetics	proton-transporting V-type ATPase complex	C	AT3G58730
34747	7	F23 vs. S23	F2-3 up	GO:0033180	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V1 domain	C	AT1G76030
34748	7	F23 vs. S23	F2-3 up	GO:0033180	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V1 domain	C	AT1G78900
34749	7	F23 vs. S23	F2-3 up	GO:0033180	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V1 domain	C	AT4G38510
34750	7	F23 vs. S23	F2-3 up	GO:0010318	Metabolism	Bioenergetics	pyrophosphate-dependent phosphofructokinase complex, beta-subunit complex	C	AT4G04040
34751	7	F23 vs. S23	F2-3 up	GO:0004739	Metabolism	Bioenergetics	pyruvate dehydrogenase (acetyl-transferring)	F	AT5G50850
34752	7	F23 vs. S23	F2-3 up	GO:0004743	Metabolism	Bioenergetics	pyruvate kinase activity	F	AT2G36580
34753	7	F23 vs. S23	F2-3 up	GO:0006090	Metabolism	Bioenergetics	pyruvate metabolic process	P	AT4G15530
34754	7	F23 vs. S23	F2-3 up	GO:0006090	Metabolism	Bioenergetics	pyruvate metabolic process	P	AT5G11670
34755	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT1G32060
34756	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT1G42970
34757	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G04790
34758	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G12780
34759	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G26650
34760	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G54050
34761	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G55800
34762	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT3G62410
34763	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	AT5G38420
34764	7	F23 vs. S23	F2-3 up	GO:0019253	Metabolism	Bioenergetics	reductive pentose-phosphate cycle	P	ATCG00490
34765	7	F23 vs. S23	F2-3 up	GO:0043255	Metabolism	Bioenergetics	regulation of carbohydrate biosynthetic process	P	AT5G05170
34766	7	F23 vs. S23	F2-3 up	GO:0006109	Metabolism	Bioenergetics	regulation of carbohydrate metabolic process	P	AT1G13900
34767	7	F23 vs. S23	F2-3 up	GO:0006109	Metabolism	Bioenergetics	regulation of carbohydrate metabolic process	P	AT3G15360
34768	7	F23 vs. S23	F2-3 up	GO:0031998	Metabolism	Bioenergetics	regulation of fatty acid beta-oxidation	P	AT2G22780
34769	7	F23 vs. S23	F2-3 up	GO:0031998	Metabolism	Bioenergetics	regulation of fatty acid beta-oxidation	P	AT5G09660
34770	7	F23 vs. S23	F2-3 up	GO:0080093	Metabolism	Bioenergetics	regulation of photorespiration	P	AT2G22780
34771	7	F23 vs. S23	F2-3 up	GO:0080093	Metabolism	Bioenergetics	regulation of photorespiration	P	AT5G09660
34772	7	F23 vs. S23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT3G22370
34773	7	F23 vs. S23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT4G10040
34774	7	F23 vs. S23	F2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	ATMG00650
34775	7	F23 vs. S23	F2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	ATCG00430
34776	7	F23 vs. S23	F2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	ATMG00650
34777	7	F23 vs. S23	F2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT3G27380
34778	7	F23 vs. S23	F2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT5G40650
34779	7	F23 vs. S23	F2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT5G66760
34780	7	F23 vs. S23	F2-3 up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	AT3G27380
34781	7	F23 vs. S23	F2-3 up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	AT5G40650
34782	7	F23 vs. S23	F2-3 up	GO:0022904	Metabolism	Bioenergetics	respiratory electron transport chain	P	ATCG00720
34783	7	F23 vs. S23	F2-3 up	GO:0047131	Metabolism	Bioenergetics	saccharopine dehydrogenase (NAD+, L-glutamate-forming) activity	F	AT4G33150
34784	7	F23 vs. S23	F2-3 up	GO:0047130	Metabolism	Bioenergetics	saccharopine dehydrogenase (NADP+, L-lysine-forming) activity	F	AT4G33150
34785	7	F23 vs. S23	F2-3 up	GO:0033587	Metabolism	Bioenergetics	shikimate biosynthetic process	P	AT5G13420
34786	7	F23 vs. S23	F2-3 up	GO:0046459	Metabolism	Bioenergetics	short-chain fatty acid metabolic process	P	AT3G51840
34787	7	F23 vs. S23	F2-3 up	GO:0102419	Metabolism	Bioenergetics	sn-2-glycerol-3-phosphate omega-OH-C22:0-CoA acyl transferase activity	F	AT1G01610
34788	7	F23 vs. S23	F2-3 up	GO:0102419	Metabolism	Bioenergetics	sn-2-glycerol-3-phosphate omega-OH-C22:0-CoA acyl transferase activity	F	AT2G38110
34789	7	F23 vs. S23	F2-3 up	GO:2001070	Metabolism	Bioenergetics	starch binding	F	AT3G52180
34790	7	F23 vs. S23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT1G32900
34791	7	F23 vs. S23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT2G31390
34792	7	F23 vs. S23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G01180
34793	7	F23 vs. S23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G55800
34794	7	F23 vs. S23	F2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT5G19220
34795	7	F23 vs. S23	F2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT3G23920
34796	7	F23 vs. S23	F2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT3G52180

34797	7	F23 vs. S23	F2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT4G15210
34798	7	F23 vs. S23	F2-3 up	GO:0005982	Metabolism	Bioenergetics	starch metabolic process	P	AT3G52180
34799	7	F23 vs. S23	F2-3 up	GO:0009011	Metabolism	Bioenergetics	starch synthase activity	F	AT3G01180
34800	7	F23 vs. S23	F2-3 up	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT3G27380
34801	7	F23 vs. S23	F2-3 up	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT5G40650
34802	7	F23 vs. S23	F2-3 up	GO:0008177	Metabolism	Bioenergetics	succinate dehydrogenase (ubiquinone) activity	F	AT5G66760
34803	7	F23 vs. S23	F2-3 up	GO:0045281	Metabolism	Bioenergetics	succinate dehydrogenase complex	C	AT3G27380
34804	7	F23 vs. S23	F2-3 up	GO:0045281	Metabolism	Bioenergetics	succinate dehydrogenase complex	C	AT5G40650
34805	7	F23 vs. S23	F2-3 up	GO:0004775	Metabolism	Bioenergetics	succinate-CoA ligase (ADP-forming) activity	F	AT5G23250
34806	7	F23 vs. S23	F2-3 up	GO:0004777	Metabolism	Bioenergetics	succinate-semialdehyde dehydrogenase (NAD+) activity	F	AT1G79440
34807	7	F23 vs. S23	F2-3 up	GO:0009013	Metabolism	Bioenergetics	succinate-semialdehyde dehydrogenase [NAD(P)+] activity	F	AT1G79440
34808	7	F23 vs. S23	F2-3 up	GO:0006104	Metabolism	Bioenergetics	succinyl-CoA metabolic process	P	AT5G23250
34809	7	F23 vs. S23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT1G51420
34810	7	F23 vs. S23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT2G35840
34811	7	F23 vs. S23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G54050
34812	7	F23 vs. S23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G55800
34813	7	F23 vs. S23	F2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT5G11110
34814	7	F23 vs. S23	F2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT1G22710
34815	7	F23 vs. S23	F2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT3G03250
34816	7	F23 vs. S23	F2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT3G54050
34817	7	F23 vs. S23	F2-3 up	GO:0016157	Metabolism	Bioenergetics	sucrose synthase activity	F	AT5G11110
34818	7	F23 vs. S23	F2-3 up	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT4G10120
34819	7	F23 vs. S23	F2-3 up	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT5G11110
34820	7	F23 vs. S23	F2-3 up	GO:0005992	Metabolism	Bioenergetics	trehalose biosynthetic process	P	AT5G51460
34821	7	F23 vs. S23	F2-3 up	GO:0005992	Metabolism	Bioenergetics	trehalose biosynthetic process	P	AT5G65140
34822	7	F23 vs. S23	F2-3 up	GO:0005993	Metabolism	Bioenergetics	trehalose catabolic process	P	AT4G24040
34823	7	F23 vs. S23	F2-3 up	GO:0004805	Metabolism	Bioenergetics	trehalose-phosphatase activity	F	AT5G51460
34824	7	F23 vs. S23	F2-3 up	GO:0004805	Metabolism	Bioenergetics	trehalose-phosphatase activity	F	AT5G65140
34825	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT1G53310
34826	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT1G65930
34827	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT2G05710
34828	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT2G22780
34829	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT2G42790
34830	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G09810
34831	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G14940
34832	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G27380
34833	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT3G60100
34834	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT4G26970
34835	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT4G35260
34836	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G03290
34837	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G09660
34838	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G23250
34839	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G40650
34840	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G50950
34841	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G58330
34842	7	F23 vs. S23	F2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G66760
34843	7	F23 vs. S23	F2-3 up	GO:0045239	Metabolism	Bioenergetics	tricarboxylic acid cycle enzyme complex	C	AT5G50950
34844	7	F23 vs. S23	F2-3 up	GO:0035436	Metabolism	Bioenergetics	triose phosphate transmembrane transport	P	AT1G61800
34845	7	F23 vs. S23	F2-3 up	GO:0102721	Metabolism	Bioenergetics	ubiquinol:oxygen oxidoreductase activity	F	AT3G22370
34846	7	F23 vs. S23	F2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT4G03280
34847	7	F23 vs. S23	F2-3 up	GO:0048039	Metabolism	Bioenergetics	ubiquinone binding	F	ATCG01050
34848	7	F23 vs. S23	F2-3 up	GO:1901006	Metabolism	Bioenergetics	ubiquinone-6 biosynthetic process	P	AT5G10730
34849	7	F23 vs. S23	F2-3 up	GO:1901006	Metabolism	Bioenergetics	ubiquinone-6 biosynthetic process	P	AT5G15910
34850	7	F23 vs. S23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT1G06090

34851	7	F23 vs. S23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT3G12120
34852	7	F23 vs. S23	F2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT4G27030
34853	7	F23 vs. S23	F2-3 up	GO:0016471	Metabolism	Bioenergetics	vacuolar proton-transporting V-type ATPase complex	C	AT4G25950
34854	7	F23 vs. S23	F2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT1G67730
34855	7	F23 vs. S23	F2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT4G13840
34856	7	F23 vs. S23	F2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT4G24510
34857	7	F23 vs. S23	F2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT5G47120
34858	7	F23 vs. S23	F2-3 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT1G01120
34859	7	F23 vs. S23	F2-3 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT1G68530
34860	7	F23 vs. S23	F2-3 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT2G46720
34861	7	F23 vs. S23	F2-3 up	GO:0000038	Metabolism	Bioenergetics	very long-chain fatty acid metabolic process	P	AT5G47120
34862	7	F23 vs. S23	F2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT1G01120
34863	7	F23 vs. S23	F2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT1G07720
34864	7	F23 vs. S23	F2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT1G68530
34865	7	F23 vs. S23	F2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT2G46720
34866	7	F23 vs. S23	F2-3 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14130
34867	7	F23 vs. S23	F2-3 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14420
34868	7	F23 vs. S23	F2-3 up	GO:0052852	Metabolism	Bioenergetics	very-long-chain-(S)-2-hydroxy-acid oxidase activity	F	AT4G18360
34869	7	F23 vs. S23	F2-3 up	GO:0009838	Metabolism	Catabolism	abscission	P	AT3G21550
34870	7	F23 vs. S23	F2-3 up	GO:0046185	Metabolism	Catabolism	aldehyde catabolic process	P	AT1G02205
34871	7	F23 vs. S23	F2-3 up	GO:0071771	Metabolism	Catabolism	aldehyde decarbonylase activity	F	AT1G02205
34872	7	F23 vs. S23	F2-3 up	GO:0043447	Metabolism	Catabolism	alkane biosynthetic process	P	AT1G02205
34873	7	F23 vs. S23	F2-3 up	GO:0046556	Metabolism	Catabolism	alpha-L-arabinofuranosidase activity	F	AT3G10740
34874	7	F23 vs. S23	F2-3 up	GO:0046556	Metabolism	Catabolism	alpha-L-arabinofuranosidase activity	F	AT5G49360
34875	7	F23 vs. S23	F2-3 up	GO:0004177	Metabolism	Catabolism	aminopeptidase activity	F	AT4G29490
34876	7	F23 vs. S23	F2-3 up	GO:0004177	Metabolism	Catabolism	aminopeptidase activity	F	AT4G30910
34877	7	F23 vs. S23	F2-3 up	GO:0004177	Metabolism	Catabolism	aminopeptidase activity	F	AT4G33090
34878	7	F23 vs. S23	F2-3 up	GO:0031222	Metabolism	Catabolism	arabinan catabolic process	P	AT5G49360
34879	7	F23 vs. S23	F2-3 up	GO:0006527	Metabolism	Catabolism	arginine catabolic process	P	AT2G16500
34880	7	F23 vs. S23	F2-3 up	GO:0006527	Metabolism	Catabolism	arginine catabolic process	P	AT4G34710
34881	7	F23 vs. S23	F2-3 up	GO:0000045	Metabolism	Catabolism	autophagosome assembly	P	AT5G50230
34882	7	F23 vs. S23	F2-3 up	GO:0000421	Metabolism	Catabolism	autophagosome membrane	C	AT4G16520
34883	7	F23 vs. S23	F2-3 up	GO:0000421	Metabolism	Catabolism	autophagosome membrane	C	AT5G50230
34884	7	F23 vs. S23	F2-3 up	GO:0006914	Metabolism	Catabolism	autophagy	P	AT4G16520
34885	7	F23 vs. S23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT1G58180
34886	7	F23 vs. S23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G01500
34887	7	F23 vs. S23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT3G52720
34888	7	F23 vs. S23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT5G04180
34889	7	F23 vs. S23	F2-3 up	GO:0004089	Metabolism	Catabolism	carbonate dehydratase activity	F	AT5G14740
34890	7	F23 vs. S23	F2-3 up	GO:0009056	Metabolism	Catabolism	catabolic process	P	AT2G45600
34891	7	F23 vs. S23	F2-3 up	GO:0008219	Metabolism	Catabolism	cell death	P	AT2G01290
34892	7	F23 vs. S23	F2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT2G43570
34893	7	F23 vs. S23	F2-3 up	GO:0016998	Metabolism	Catabolism	cell wall macromolecule catabolic process	P	AT3G44990
34894	7	F23 vs. S23	F2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G19940
34895	7	F23 vs. S23	F2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G64390
34896	7	F23 vs. S23	F2-3 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT2G43570
34897	7	F23 vs. S23	F2-3 up	GO:0006032	Metabolism	Catabolism	chitin catabolic process	P	AT4G19810
34898	7	F23 vs. S23	F2-3 up	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT1G44000
34899	7	F23 vs. S23	F2-3 up	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT2G20890
34900	7	F23 vs. S23	F2-3 up	GO:0015996	Metabolism	Catabolism	chlorophyll catabolic process	P	AT4G22920
34901	7	F23 vs. S23	F2-3 up	GO:0030574	Metabolism	Catabolism	collagen catabolic process	P	AT1G59970
34902	7	F23 vs. S23	F2-3 up	GO:0031464	Metabolism	Catabolism	Cul4A-RING E3 ubiquitin ligase complex	C	AT2G25740
34903	7	F23 vs. S23	F2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT1G15470
34904	7	F23 vs. S23	F2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT2G46340
34905	7	F23 vs. S23	F2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT1G58180

34906	7	F23 vs. S23	F2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT3G01500
34907	7	F23 vs. S23	F2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT5G14740
34908	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G02305
34909	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G20850
34910	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT1G47128
34911	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT2G25940
34912	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G19390
34913	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G19400
34914	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G20210
34915	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G45310
34916	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G01610
34917	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G16190
34918	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G32940
34919	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G35350
34920	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G43060
34921	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G45890
34922	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G50260
34923	7	F23 vs. S23	F2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT5G60360
34924	7	F23 vs. S23	F2-3 up	GO:0006216	Metabolism	Catabolism	cytidine catabolic process	P	AT2G19570
34925	7	F23 vs. S23	F2-3 up	GO:0009264	Metabolism	Catabolism	deoxyribonucleotide catabolic process	P	AT4G33140
34926	7	F23 vs. S23	F2-3 up	GO:0046177	Metabolism	Catabolism	D-gluconate catabolic process	P	AT1G64190
34927	7	F23 vs. S23	F2-3 up	GO:0046177	Metabolism	Catabolism	D-gluconate catabolic process	P	AT3G02360
34928	7	F23 vs. S23	F2-3 up	GO:0006308	Metabolism	Catabolism	DNA catabolic process	P	AT1G11190
34929	7	F23 vs. S23	F2-3 up	GO:0030139	Metabolism	Catabolism	endocytic vesicle	C	AT5G45130
34930	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G11910
34931	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G13060
34932	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G20380
34933	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT2G30440
34934	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G17611
34935	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G57680
34936	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT4G31300
34937	7	F23 vs. S23	F2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT4G32940
34938	7	F23 vs. S23	F2-3 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT1G11190
34939	7	F23 vs. S23	F2-3 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT1G26820
34940	7	F23 vs. S23	F2-3 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT2G02990
34941	7	F23 vs. S23	F2-3 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT3G44260
34942	7	F23 vs. S23	F2-3 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT5G10960
34943	7	F23 vs. S23	F2-3 up	GO:0043928	Metabolism	Catabolism	exonucleolytic catabolism of deadenylated mRNA	P	AT5G22250
34944	7	F23 vs. S23	F2-3 up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT1G77090
34945	7	F23 vs. S23	F2-3 up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT2G39470
34946	7	F23 vs. S23	F2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT4G28490
34947	7	F23 vs. S23	F2-3 up	GO:0080187	Metabolism	Catabolism	floral organ senescence	P	AT1G11190
34948	7	F23 vs. S23	F2-3 up	GO:0080187	Metabolism	Catabolism	floral organ senescence	P	AT5G45890
34949	7	F23 vs. S23	F2-3 up	GO:0046294	Metabolism	Catabolism	formaldehyde catabolic process	P	AT5G24760
34950	7	F23 vs. S23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G09340
34951	7	F23 vs. S23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G12780
34952	7	F23 vs. S23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G23190
34953	7	F23 vs. S23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT1G63180
34954	7	F23 vs. S23	F2-3 up	GO:0019388	Metabolism	Catabolism	galactose catabolic process	P	AT4G23920
34955	7	F23 vs. S23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT1G09340
34956	7	F23 vs. S23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT1G12780
34957	7	F23 vs. S23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT1G63180
34958	7	F23 vs. S23	F2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT4G23920
34959	7	F23 vs. S23	F2-3 up	GO:0009450	Metabolism	Catabolism	gamma-aminobutyric acid catabolic process	P	AT1G79440
34960	7	F23 vs. S23	F2-3 up	GO:0045487	Metabolism	Catabolism	gibberellin catabolic process	P	AT1G30040
34961	7	F23 vs. S23	F2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT2G44450

34962	7	F23 vs. S23	F2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G03640
34963	7	F23 vs. S23	F2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT5G25980
34964	7	F23 vs. S23	F2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT5G48180
34965	7	F23 vs. S23	F2-3 up	GO:0006538	Metabolism	Catabolism	glutamate catabolic process	P	AT1G65960
34966	7	F23 vs. S23	F2-3 up	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT4G31290
34967	7	F23 vs. S23	F2-3 up	GO:0019563	Metabolism	Catabolism	glycerol catabolic process	P	AT1G80460
34968	7	F23 vs. S23	F2-3 up	GO:0019563	Metabolism	Catabolism	glycerol catabolic process	P	AT3G55440
34969	7	F23 vs. S23	F2-3 up	GO:0006546	Metabolism	Catabolism	glycine catabolic process	P	AT2G20860
34970	7	F23 vs. S23	F2-3 up	GO:0006546	Metabolism	Catabolism	glycine catabolic process	P	AT4G33010
34971	7	F23 vs. S23	F2-3 up	GO:1902000	Metabolism	Catabolism	homogentisate catabolic process	P	AT2G02390
34972	7	F23 vs. S23	F2-3 up	GO:1902000	Metabolism	Catabolism	homogentisate catabolic process	P	AT5G54080
34973	7	F23 vs. S23	F2-3 up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT4G26260
34974	7	F23 vs. S23	F2-3 up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT5G56640
34975	7	F23 vs. S23	F2-3 up	GO:0005779	Metabolism	Catabolism	integral component of peroxisomal membrane	C	AT1G63900
34976	7	F23 vs. S23	F2-3 up	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G23310
34977	7	F23 vs. S23	F2-3 up	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G70580
34978	7	F23 vs. S23	F2-3 up	GO:0042853	Metabolism	Catabolism	L-alanine catabolic process	P	AT1G72330
34979	7	F23 vs. S23	F2-3 up	GO:0060866	Metabolism	Catabolism	leaf abscission	P	AT4G28490
34980	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G11190
34981	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G32450
34982	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G73220
34983	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G73500
34984	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G13810
34985	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G39730
34986	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G43570
34987	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G15030
34988	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G60800
34989	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G02380
34990	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G32940
34991	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G13170
34992	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G13180
34993	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G37600
34994	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G45890
34995	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G51720
34996	7	F23 vs. S23	F2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G64940
34997	7	F23 vs. S23	F2-3 up	GO:0006552	Metabolism	Catabolism	leucine catabolic process	P	AT4G34030
34998	7	F23 vs. S23	F2-3 up	GO:0046274	Metabolism	Catabolism	lignin catabolic process	P	AT2G37040
34999	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G58430
35000	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G75880
35001	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT1G75900
35002	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT2G39220
35003	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G08510
35004	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G48460
35005	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G54950
35006	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G28780
35007	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G33370
35008	7	F23 vs. S23	F2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G58690
35009	7	F23 vs. S23	F2-3 up	GO:0019477	Metabolism	Catabolism	L-lysine catabolic process	P	AT4G33150
35010	7	F23 vs. S23	F2-3 up	GO:0033512	Metabolism	Catabolism	L-lysine catabolic process to acetyl-CoA via saccharopine	P	AT4G33150
35011	7	F23 vs. S23	F2-3 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT2G37040
35012	7	F23 vs. S23	F2-3 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT5G36160
35013	7	F23 vs. S23	F2-3 up	GO:0006559	Metabolism	Catabolism	L-phenylalanine catabolic process	P	AT5G54080
35014	7	F23 vs. S23	F2-3 up	GO:0006565	Metabolism	Catabolism	L-serine catabolic process	P	AT4G13930
35015	7	F23 vs. S23	F2-3 up	GO:0006565	Metabolism	Catabolism	L-serine catabolic process	P	AT4G37930
35016	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G02305

35017	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G20850
35018	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT1G47128
35019	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT3G19390
35020	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT3G19400
35021	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT3G45310
35022	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G01610
35023	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G16190
35024	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G35350
35025	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G43060
35026	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G45890
35027	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G50260
35028	7	F23 vs. S23	F2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT5G60360
35029	7	F23 vs. S23	F2-3 up	GO:0090410	Metabolism	Catabolism	malonate catabolic process	P	AT3G16170
35030	7	F23 vs. S23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT1G06430
35031	7	F23 vs. S23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT1G50250
35032	7	F23 vs. S23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT1G59970
35033	7	F23 vs. S23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT3G03420
35034	7	F23 vs. S23	F2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT5G42270
35035	7	F23 vs. S23	F2-3 up	GO:1905202	Metabolism	Catabolism	methylcrotonoyl-CoA carboxylase complex	C	AT4G34030
35036	7	F23 vs. S23	F2-3 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT5G20620
35037	7	F23 vs. S23	F2-3 up	GO:1900056	Metabolism	Catabolism	negative regulation of leaf senescence	P	AT2G40750
35038	7	F23 vs. S23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT1G64060
35039	7	F23 vs. S23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT3G57330
35040	7	F23 vs. S23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT5G47120
35041	7	F23 vs. S23	F2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT5G47910
35042	7	F23 vs. S23	F2-3 up	GO:0019822	Metabolism	Catabolism	P4 peroxisome	C	AT3G02360
35043	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT1G14420
35044	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G02720
35045	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G26450
35046	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G43050
35047	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G47040
35048	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT2G47550
35049	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G01270
35050	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G05610
35051	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G14310
35052	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G17060
35053	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G29090
35054	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G43270
35055	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G62170
35056	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G28490
35057	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G33220
35058	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07410
35059	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07420
35060	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G07430
35061	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G15110
35062	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G53370
35063	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G55720
35064	7	F23 vs. S23	F2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT5G63180
35065	7	F23 vs. S23	F2-3 up	GO:0019323	Metabolism	Catabolism	pentose catabolic process	P	AT5G61410
35066	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT1G47128
35067	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G03200
35068	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G23970
35069	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT2G25740
35070	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT4G17486
35071	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT4G30550
35072	7	F23 vs. S23	F2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT4G31300

35073	7	F23 vs. S23	F2-3 up	GO:0043171	Metabolism	Catabolism	peptide catabolic process	P	AT4G33090
35074	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G64060
35075	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G78380
35076	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G02390
35077	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G24800
35078	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G37130
35079	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G47730
35080	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G17790
35081	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT3G49110
35082	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT4G32320
35083	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT4G37530
35084	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G47000
35085	7	F23 vs. S23	F2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT5G47910
35086	7	F23 vs. S23	F2-3 up	GO:0005782	Metabolism	Catabolism	peroxisomal matrix	C	AT3G52880
35087	7	F23 vs. S23	F2-3 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT2G17370
35088	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G01710
35089	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G09340
35090	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G11840
35091	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G20560
35092	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G20620
35093	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G20630
35094	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G23310
35095	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G49670
35096	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G63900
35097	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G65840
35098	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G68010
35099	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G70580
35100	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G22780
35101	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26740
35102	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26910
35103	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G27860
35104	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G29990
35105	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31390
35106	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31750
35107	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G31790
35108	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G33150
35109	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G42490
35110	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G42790
35111	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G43020
35112	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G02360
35113	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G14130
35114	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G14420
35115	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G20530
35116	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G24170
35117	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G48170
35118	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G51840
35119	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G52880
35120	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G05020
35121	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G14880
35122	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT4G18360
35123	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G09660
35124	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G25980
35125	7	F23 vs. S23	F2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G63380
35126	7	F23 vs. S23	F2-3 up	GO:0010124	Metabolism	Catabolism	phenylacetate catabolic process	P	AT2G33150
35127	7	F23 vs. S23	F2-3 up	GO:0006598	Metabolism	Catabolism	polyamine catabolic process	P	AT1G65840
35128	7	F23 vs. S23	F2-3 up	GO:0006598	Metabolism	Catabolism	polyamine catabolic process	P	AT2G43020

35129	7	F23 vs. S23	F2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT1G09340
35130	7	F23 vs. S23	F2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT2G43570
35131	7	F23 vs. S23	F2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT4G19810
35132	7	F23 vs. S23	F2-3 up	GO:0043085	Metabolism	Catabolism	positive regulation of catalytic activity	P	AT3G15360
35133	7	F23 vs. S23	F2-3 up	GO:0051443	Metabolism	Catabolism	positive regulation of ubiquitin-protein transferase activity	P	AT3G28970
35134	7	F23 vs. S23	F2-3 up	GO:0012501	Metabolism	Catabolism	programmed cell death	P	AT1G73260
35135	7	F23 vs. S23	F2-3 up	GO:0012501	Metabolism	Catabolism	programmed cell death	P	AT3G20210
35136	7	F23 vs. S23	F2-3 up	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT1G20850
35137	7	F23 vs. S23	F2-3 up	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT4G35350
35138	7	F23 vs. S23	F2-3 up	GO:0010623	Metabolism	Catabolism	programmed cell death involved in cell development	P	AT5G50260
35139	7	F23 vs. S23	F2-3 up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT1G13060
35140	7	F23 vs. S23	F2-3 up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT4G31300
35141	7	F23 vs. S23	F2-3 up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT1G13060
35142	7	F23 vs. S23	F2-3 up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT4G31300
35143	7	F23 vs. S23	F2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G13060
35144	7	F23 vs. S23	F2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT4G31300
35145	7	F23 vs. S23	F2-3 up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT1G13060
35146	7	F23 vs. S23	F2-3 up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT4G31300
35147	7	F23 vs. S23	F2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G13060
35148	7	F23 vs. S23	F2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G56500
35149	7	F23 vs. S23	F2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT4G31300
35150	7	F23 vs. S23	F2-3 up	GO:0051865	Metabolism	Catabolism	protein autoubiquitination	P	AT3G46620
35151	7	F23 vs. S23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G03230
35152	7	F23 vs. S23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G11910
35153	7	F23 vs. S23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT1G65240
35154	7	F23 vs. S23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT2G03200
35155	7	F23 vs. S23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT4G04460
35156	7	F23 vs. S23	F2-3 up	GO:0030163	Metabolism	Catabolism	protein catabolic process	P	AT5G42270
35157	7	F23 vs. S23	F2-3 up	GO:0031648	Metabolism	Catabolism	protein destabilization	P	AT1G63900
35158	7	F23 vs. S23	F2-3 up	GO:0016558	Metabolism	Catabolism	protein import into peroxisome matrix	P	AT1G63900
35159	7	F23 vs. S23	F2-3 up	GO:0070936	Metabolism	Catabolism	protein K48-linked ubiquitination	P	AT4G25230
35160	7	F23 vs. S23	F2-3 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT1G56500
35161	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G19660
35162	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G21760
35163	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G23780
35164	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G29340
35165	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G63900
35166	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G24540
35167	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G25740
35168	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G12580
35169	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G46620
35170	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G01450
35171	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G01520
35172	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G20620
35173	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G49610
35174	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G64660
35175	7	F23 vs. S23	F2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G67250

35176	7	F23 vs. S23	F2-3 up	GO:0032991	Metabolism	Catabolism	protein-containing complex	C	AT3G62410
35177	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G02305
35178	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G03230
35179	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G06430
35180	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G11910
35181	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G13270
35182	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G47128
35183	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G50250
35184	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G52580
35185	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G59970
35186	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G65240
35187	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G03200
35188	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G23970
35189	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G25740
35190	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G29050
35191	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G17611
35192	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G45310
35193	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G00230
35194	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G01610
35195	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G04460
35196	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G17486
35197	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G30550
35198	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G30910
35199	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G33090
35200	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G36190
35201	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G04250
35202	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G04710
35203	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G07250
35204	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G42270
35205	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G44530
35206	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G60360
35207	7	F23 vs. S23	F2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G65760
35208	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G02305
35209	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G20850
35210	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G47128
35211	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G77000
35212	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT2G25940
35213	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G19390
35214	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G19400
35215	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G20210
35216	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G45010
35217	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT3G45310
35218	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G01610
35219	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G16190

35220	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G32940
35221	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G35350
35222	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G43060
35223	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G45890
35224	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G50260
35225	7	F23 vs. S23	F2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G60360
35226	7	F23 vs. S23	F2-3 up	GO:0010304	Metabolism	Catabolism	PSII associated light-harvesting complex II catabolic process	P	AT1G06430
35227	7	F23 vs. S23	F2-3 up	GO:0010304	Metabolism	Catabolism	PSII associated light-harvesting complex II catabolic process	P	AT1G50250
35228	7	F23 vs. S23	F2-3 up	GO:0010304	Metabolism	Catabolism	PSII associated light-harvesting complex II catabolic process	P	AT5G42270
35229	7	F23 vs. S23	F2-3 up	GO:0052692	Metabolism	Catabolism	raffinose alpha-galactosidase activity	F	AT5G08370
35230	7	F23 vs. S23	F2-3 up	GO:1900055	Metabolism	Catabolism	regulation of leaf senescence	P	AT3G44680
35231	7	F23 vs. S23	F2-3 up	GO:1900055	Metabolism	Catabolism	regulation of leaf senescence	P	AT3G60800
35232	7	F23 vs. S23	F2-3 up	GO:0006401	Metabolism	Catabolism	RNA catabolic process	P	AT1G26820
35233	7	F23 vs. S23	F2-3 up	GO:0006401	Metabolism	Catabolism	RNA catabolic process	P	AT2G02990
35234	7	F23 vs. S23	F2-3 up	GO:0090502	Metabolism	Catabolism	RNA phosphodiester bond hydrolysis, endonucleolytic	P	AT1G11190
35235	7	F23 vs. S23	F2-3 up	GO:0046244	Metabolism	Catabolism	salicylic acid catabolic process	P	AT2G37040
35236	7	F23 vs. S23	F2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT1G21760
35237	7	F23 vs. S23	F2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT1G77000
35238	7	F23 vs. S23	F2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G27920
35239	7	F23 vs. S23	F2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G67250
35240	7	F23 vs. S23	F2-3 up	GO:0010282	Metabolism	Catabolism	senescence-associated vacuole	C	AT5G45890
35241	7	F23 vs. S23	F2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT3G45010
35242	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G52580
35243	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT2G29050
35244	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT2G30440
35245	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT3G17611
35246	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT4G00230
35247	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G07250
35248	7	F23 vs. S23	F2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G44530
35249	7	F23 vs. S23	F2-3 up	GO:0046203	Metabolism	Catabolism	spermidine catabolic process	P	AT1G65840
35250	7	F23 vs. S23	F2-3 up	GO:0046203	Metabolism	Catabolism	spermidine catabolic process	P	AT2G43020
35251	7	F23 vs. S23	F2-3 up	GO:0046208	Metabolism	Catabolism	spermine catabolic process	P	AT1G65840
35252	7	F23 vs. S23	F2-3 up	GO:0046208	Metabolism	Catabolism	spermine catabolic process	P	AT2G43020
35253	7	F23 vs. S23	F2-3 up	GO:0046521	Metabolism	Catabolism	sphingoid catabolic process	P	AT1G18720
35254	7	F23 vs. S23	F2-3 up	GO:0036459	Metabolism	Catabolism	thiol-dependent ubiquitinyl hydrolase activity	F	AT5G22030
35255	7	F23 vs. S23	F2-3 up	GO:0006567	Metabolism	Catabolism	threonine catabolic process	P	AT3G04520
35256	7	F23 vs. S23	F2-3 up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT1G13060
35257	7	F23 vs. S23	F2-3 up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT4G31300
35258	7	F23 vs. S23	F2-3 up	GO:0006210	Metabolism	Catabolism	thymine catabolic process	P	AT3G17810
35259	7	F23 vs. S23	F2-3 up	GO:0006569	Metabolism	Catabolism	tryptophan catabolic process	P	AT1G80360
35260	7	F23 vs. S23	F2-3 up	GO:0019441	Metabolism	Catabolism	tryptophan catabolic process to kynurenine	P	AT2G40000
35261	7	F23 vs. S23	F2-3 up	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G36160

35262	7	F23 vs. S23	F2-3 up	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G53970
35263	7	F23 vs. S23	F2-3 up	GO:0006572	Metabolism	Catabolism	tyrosine catabolic process	P	AT5G54080
35264	7	F23 vs. S23	F2-3 up	GO:0031624	Metabolism	Catabolism	ubiquitin conjugating enzyme binding	F	AT3G28970
35265	7	F23 vs. S23	F2-3 up	GO:0000151	Metabolism	Catabolism	ubiquitin ligase complex	C	AT3G28970
35266	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G19660
35267	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G56500
35268	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G46620
35269	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G52850
35270	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT4G25230
35271	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G01520
35272	7	F23 vs. S23	F2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G24870
35273	7	F23 vs. S23	F2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT3G12580
35274	7	F23 vs. S23	F2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT3G53420
35275	7	F23 vs. S23	F2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT5G20620
35276	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G13060
35277	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G77000
35278	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G52850
35279	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G25230
35280	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G31300
35281	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G01520
35282	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G20620
35283	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G22030
35284	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G27920
35285	7	F23 vs. S23	F2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G67250
35286	7	F23 vs. S23	F2-3 up	GO:0032182	Metabolism	Catabolism	ubiquitin-like protein binding	F	AT3G28970
35287	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G29340
35288	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G32740
35289	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G63900
35290	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G77000
35291	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G46620
35292	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G48070
35293	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT4G25230
35294	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G01450
35295	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G01520
35296	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G27920
35297	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G64660
35298	7	F23 vs. S23	F2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G67250
35299	7	F23 vs. S23	F2-3 up	GO:1990381	Metabolism	Catabolism	ubiquitin-specific protease binding	F	AT4G25230
35300	7	F23 vs. S23	F2-3 up	GO:0006212	Metabolism	Catabolism	uracil catabolic process	P	AT3G17810
35301	7	F23 vs. S23	F2-3 up	GO:0030891	Metabolism	Catabolism	VCB complex	C	AT1G19660
35302	7	F23 vs. S23	F2-3 up	GO:0042178	Metabolism	Catabolism	xenobiotic catabolic process	P	AT4G01070
35303	7	F23 vs. S23	F2-3 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT3G10740
35304	7	F23 vs. S23	F2-3 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT3G62710
35305	7	F23 vs. S23	F2-3 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT5G47000
35306	7	F23 vs. S23	F2-3 up	GO:0009044	Metabolism	Catabolism	xylan 1,4-beta-xylosidase activity	F	AT5G49360
35307	7	F23 vs. S23	F2-3 up	GO:0045493	Metabolism	Catabolism	xylan catabolic process	P	AT3G10740
35308	7	F23 vs. S23	F2-3 up	GO:0045493	Metabolism	Catabolism	xylan catabolic process	P	AT5G49360
35309	7	F23 vs. S23	F2-3 up	GO:0047504	Metabolism	Metabolism	(-)-menthol dehydrogenase activity	F	AT3G61220
35310	7	F23 vs. S23	F2-3 up	GO:0047501	Metabolism	Metabolism	(+)-neomenthol dehydrogenase activity	F	AT3G61220
35311	7	F23 vs. S23	F2-3 up	GO:0102165	Metabolism	Metabolism	(Z)-3-hexen-1-ol acetyltransferase activity	F	AT3G03480
35312	7	F23 vs. S23	F2-3 up	GO:0044571	Metabolism	Metabolism	[2Fe-2S] cluster assembly	P	AT5G65720
35313	7	F23 vs. S23	F2-3 up	GO:0046509	Metabolism	Metabolism	1,2-diacylglycerol 3-beta-galactosyltransferase activity	F	AT5G20410
35314	7	F23 vs. S23	F2-3 up	GO:0009979	Metabolism	Metabolism	16:0 monogalactosyldiacylglycerol desaturase activity	F	AT1G06090

35315	7	F23 vs. S23	F2-3 up	GO:0003841	Metabolism	Metabolism	1-acylglycerol-3-phosphate O-acyltransferase activity	F	AT1G51260
35316	7	F23 vs. S23	F2-3 up	GO:0003841	Metabolism	Metabolism	1-acylglycerol-3-phosphate O-acyltransferase activity	F	AT4G24160
35317	7	F23 vs. S23	F2-3 up	GO:0009815	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate oxidase activity	F	AT1G05010
35318	7	F23 vs. S23	F2-3 up	GO:0009815	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate oxidase activity	F	AT1G12010
35319	7	F23 vs. S23	F2-3 up	GO:0016847	Metabolism	Metabolism	1-aminocyclopropane-1-carboxylate synthase activity	F	AT4G11280
35320	7	F23 vs. S23	F2-3 up	GO:0030604	Metabolism	Metabolism	1-deoxy-D-xylulose-5-phosphate reductoisomerase activity	F	AT5G62790
35321	7	F23 vs. S23	F2-3 up	GO:0005545	Metabolism	Metabolism	1-phosphatidylinositol binding	F	AT1G03050
35322	7	F23 vs. S23	F2-3 up	GO:0005545	Metabolism	Metabolism	1-phosphatidylinositol binding	F	AT1G25240
35323	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G03850
35324	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G10960
35325	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G71500
35326	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT2G24820
35327	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT3G27380
35328	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT4G03280
35329	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G18600
35330	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G40650
35331	7	F23 vs. S23	F2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT5G51720
35332	7	F23 vs. S23	F2-3 up	GO:0046537	Metabolism	Metabolism	2,3-bisphosphoglycerate-independent phosphoglycerate mutase activity	F	AT1G09780
35333	7	F23 vs. S23	F2-3 up	GO:0016706	Metabolism	Metabolism	2-oxoglutarate-dependent dioxygenase activity	F	AT1G06640
35334	7	F23 vs. S23	F2-3 up	GO:0016706	Metabolism	Metabolism	2-oxoglutarate-dependent dioxygenase activity	F	AT1G06650
35335	7	F23 vs. S23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT3G27380
35336	7	F23 vs. S23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G04140
35337	7	F23 vs. S23	F2-3 up	GO:0051538	Metabolism	Metabolism	3 iron, 4 sulfur cluster binding	F	AT5G40650
35338	7	F23 vs. S23	F2-3 up	GO:0008686	Metabolism	Metabolism	3,4-dihydroxy-2-butanone-4-phosphate synthase activity	F	AT5G59750
35339	7	F23 vs. S23	F2-3 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT3G44260
35340	7	F23 vs. S23	F2-3 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT5G22250
35341	7	F23 vs. S23	F2-3 up	GO:0004028	Metabolism	Metabolism	3-chloroallyl aldehyde dehydrogenase activity	F	AT4G36250
35342	7	F23 vs. S23	F2-3 up	GO:0003849	Metabolism	Metabolism	3-deoxy-7-phosphoheptulonate synthase activity	F	AT1G22410
35343	7	F23 vs. S23	F2-3 up	GO:0003849	Metabolism	Metabolism	3-deoxy-7-phosphoheptulonate synthase activity	F	AT4G33510
35344	7	F23 vs. S23	F2-3 up	GO:0008690	Metabolism	Metabolism	3-deoxy-manno-octulosonate cytidylyltransferase activity	F	AT1G53000
35345	7	F23 vs. S23	F2-3 up	GO:0003860	Metabolism	Metabolism	3-hydroxyisobutyryl-CoA hydrolase activity	F	AT4G13360
35346	7	F23 vs. S23	F2-3 up	GO:0003862	Metabolism	Metabolism	3-isopropylmalate dehydrogenase activity	F	AT5G14200
35347	7	F23 vs. S23	F2-3 up	GO:0080066	Metabolism	Metabolism	3-methylthiopropyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
35348	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G05710
35349	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G15620
35350	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT2G29630
35351	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT3G27380
35352	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G15620
35353	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G15630
35354	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G21990
35355	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G25040
35356	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT4G26970
35357	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G40650
35358	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG00340
35359	7	F23 vs. S23	F2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	ATCG00430
35360	7	F23 vs. S23	F2-3 up	GO:0004134	Metabolism	Metabolism	4-alpha-glucanotransferase activity	F	AT1G07260
35361	7	F23 vs. S23	F2-3 up	GO:0047443	Metabolism	Metabolism	4-hydroxy-4-methyl-2-oxoglutarate aldolase activity	F	AT3G02770
35362	7	F23 vs. S23	F2-3 up	GO:0047443	Metabolism	Metabolism	4-hydroxy-4-methyl-2-oxoglutarate aldolase activity	F	AT5G16450

35363	7	F23 vs. S23	F2-3 up	GO:0080067	Metabolism	Metabolism	4-methylthiobutyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
35364	7	F23 vs. S23	F2-3 up	GO:0080103	Metabolism	Metabolism	4-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62570
35365	7	F23 vs. S23	F2-3 up	GO:0080081	Metabolism	Metabolism	4-methylumbelliferyl-beta-D-glucopyranoside beta-glucosidase activity	F	AT3G18080
35366	7	F23 vs. S23	F2-3 up	GO:0003871	Metabolism	Metabolism	5-methyltetrahydropteroyltriglutamate-homocysteine S-methyltransferase activity	F	AT3G03780
35367	7	F23 vs. S23	F2-3 up	GO:0003871	Metabolism	Metabolism	5-methyltetrahydropteroyltriglutamate-homocysteine S-methyltransferase activity	F	AT5G20980
35368	7	F23 vs. S23	F2-3 up	GO:0080068	Metabolism	Metabolism	5-methylthiopentyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
35369	7	F23 vs. S23	F2-3 up	GO:0008253	Metabolism	Metabolism	5'-nucleotidase activity	F	AT4G33140
35370	7	F23 vs. S23	F2-3 up	GO:0080069	Metabolism	Metabolism	7-methylthioheptyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
35371	7	F23 vs. S23	F2-3 up	GO:0080070	Metabolism	Metabolism	8-methylthiooctyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
35372	7	F23 vs. S23	F2-3 up	GO:0080107	Metabolism	Metabolism	8-methylthiopropyl glucosinolate S-oxygenase activity	F	AT1G62570
35373	7	F23 vs. S23	F2-3 up	GO:0044715	Metabolism	Metabolism	8-oxo-dGDP phosphatase activity	F	AT5G19460
35374	7	F23 vs. S23	F2-3 up	GO:0102490	Metabolism	Metabolism	8-oxo-dGTP phosphohydrolase activity	F	AT5G18280
35375	7	F23 vs. S23	F2-3 up	GO:0006083	Metabolism	Metabolism	acetate metabolic process	P	AT5G36880
35376	7	F23 vs. S23	F2-3 up	GO:0008126	Metabolism	Metabolism	acetylesterase activity	F	AT3G48460
35377	7	F23 vs. S23	F2-3 up	GO:0008375	Metabolism	Metabolism	acetylglucosaminyltransferase activity	F	AT4G32290
35378	7	F23 vs. S23	F2-3 up	GO:0016881	Metabolism	Metabolism	acid-amino acid ligase activity	F	AT2G23170
35379	7	F23 vs. S23	F2-3 up	GO:0016881	Metabolism	Metabolism	acid-amino acid ligase activity	F	AT5G54510
35380	7	F23 vs. S23	F2-3 up	GO:0003994	Metabolism	Metabolism	aconitate hydratase activity	F	AT2G05710
35381	7	F23 vs. S23	F2-3 up	GO:0003994	Metabolism	Metabolism	aconitate hydratase activity	F	AT4G26970
35382	7	F23 vs. S23	F2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT4G25590
35383	7	F23 vs. S23	F2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT4G34490
35384	7	F23 vs. S23	F2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT5G52360
35385	7	F23 vs. S23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G01780
35386	7	F23 vs. S23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT1G76030
35387	7	F23 vs. S23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT2G45800
35388	7	F23 vs. S23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT3G61230
35389	7	F23 vs. S23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT4G38510
35390	7	F23 vs. S23	F2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT5G55400
35391	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G01780
35392	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G64500
35393	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT1G76030
35394	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT2G45800
35395	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT3G61230
35396	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT4G38510
35397	7	F23 vs. S23	F2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT5G55400
35398	7	F23 vs. S23	F2-3 up	GO:0051693	Metabolism	Metabolism	actin filament capping	P	AT1G76030
35399	7	F23 vs. S23	F2-3 up	GO:0051693	Metabolism	Metabolism	actin filament capping	P	AT4G38510
35400	7	F23 vs. S23	F2-3 up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT4G25590
35401	7	F23 vs. S23	F2-3 up	GO:0030042	Metabolism	Metabolism	actin filament depolymerization	P	AT5G52360
35402	7	F23 vs. S23	F2-3 up	GO:0051639	Metabolism	Metabolism	actin filament network formation	P	AT5G55400
35403	7	F23 vs. S23	F2-3 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT1G54560
35404	7	F23 vs. S23	F2-3 up	GO:0030048	Metabolism	Metabolism	actin filament-based movement	P	AT1G54560
35405	7	F23 vs. S23	F2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT2G19770
35406	7	F23 vs. S23	F2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT4G29340
35407	7	F23 vs. S23	F2-3 up	GO:0008154	Metabolism	Metabolism	actin polymerization or depolymerization	P	AT4G34490
35408	7	F23 vs. S23	F2-3 up	GO:0000036	Metabolism	Metabolism	acyl carrier activity	F	AT1G08510
35409	7	F23 vs. S23	F2-3 up	GO:0016297	Metabolism	Metabolism	acyl-[acyl-carrier-protein] hydrolase activity	F	AT1G08510

35410	7	F23 vs. S23	F2-3 up	GO:0047372	Metabolism	Metabolism	acylglycerol lipase activity	F	AT1G11090
35411	7	F23 vs. S23	F2-3 up	GO:0047372	Metabolism	Metabolism	acylglycerol lipase activity	F	AT2G39400
35412	7	F23 vs. S23	F2-3 up	GO:0004013	Metabolism	Metabolism	adenosylhomocysteinase activity	F	AT3G23810
35413	7	F23 vs. S23	F2-3 up	GO:0004014	Metabolism	Metabolism	adenosylmethionine decarboxylase activity	F	AT3G02470
35414	7	F23 vs. S23	F2-3 up	GO:0004014	Metabolism	Metabolism	adenosylmethionine decarboxylase activity	F	AT5G15950
35415	7	F23 vs. S23	F2-3 up	GO:0008179	Metabolism	Metabolism	adenylate cyclase binding	F	AT4G34490
35416	7	F23 vs. S23	F2-3 up	GO:0004020	Metabolism	Metabolism	adenylylsulfate kinase activity	F	AT2G14750
35417	7	F23 vs. S23	F2-3 up	GO:0004020	Metabolism	Metabolism	adenylylsulfate kinase activity	F	AT4G39940
35418	7	F23 vs. S23	F2-3 up	GO:0009973	Metabolism	Metabolism	adenylyl-sulfate reductase activity	F	AT4G21990
35419	7	F23 vs. S23	F2-3 up	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT1G23310
35420	7	F23 vs. S23	F2-3 up	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT1G70580
35421	7	F23 vs. S23	F2-3 up	GO:0008453	Metabolism	Metabolism	alanine-glyoxylate transaminase activity	F	AT2G38400
35422	7	F23 vs. S23	F2-3 up	GO:0004024	Metabolism	Metabolism	alcohol dehydrogenase activity, zinc-dependent	F	AT5G24760
35423	7	F23 vs. S23	F2-3 up	GO:0004031	Metabolism	Metabolism	aldehyde oxidase activity	F	AT1G67290
35424	7	F23 vs. S23	F2-3 up	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT1G01600
35425	7	F23 vs. S23	F2-3 up	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT1G63710
35426	7	F23 vs. S23	F2-3 up	GO:0018685	Metabolism	Metabolism	alkane 1-monooxygenase activity	F	AT4G00360
35427	7	F23 vs. S23	F2-3 up	GO:0009978	Metabolism	Metabolism	allene oxide synthase activity	F	AT5G42650
35428	7	F23 vs. S23	F2-3 up	GO:0046423	Metabolism	Metabolism	allene-oxide cyclase activity	F	AT3G25760
35429	7	F23 vs. S23	F2-3 up	GO:0052924	Metabolism	Metabolism	all-trans-nonaprenyl-diphosphate synthase (geranylgeranyl-diphosphate specific) activity	F	AT1G17050
35430	7	F23 vs. S23	F2-3 up	GO:0033201	Metabolism	Metabolism	alpha-1,4-glucan synthase activity	F	AT3G01180
35431	7	F23 vs. S23	F2-3 up	GO:0004557	Metabolism	Metabolism	alpha-galactosidase activity	F	AT5G08370
35432	7	F23 vs. S23	F2-3 up	GO:0009308	Metabolism	Metabolism	amine metabolic process	P	AT2G42490
35433	7	F23 vs. S23	F2-3 up	GO:0016843	Metabolism	Metabolism	amine-lyase activity	F	AT3G16050
35434	7	F23 vs. S23	F2-3 up	GO:0016843	Metabolism	Metabolism	amine-lyase activity	F	AT5G01410
35435	7	F23 vs. S23	F2-3 up	GO:0016597	Metabolism	Metabolism	amino acid binding	F	AT4G13930
35436	7	F23 vs. S23	F2-3 up	GO:0016597	Metabolism	Metabolism	amino acid binding	F	AT4G37930
35437	7	F23 vs. S23	F2-3 up	GO:0004046	Metabolism	Metabolism	aminoacylase activity	F	AT1G44820
35438	7	F23 vs. S23	F2-3 up	GO:0004047	Metabolism	Metabolism	aminomethyltransferase activity	F	AT1G11860
35439	7	F23 vs. S23	F2-3 up	GO:0009940	Metabolism	Metabolism	amino-terminal vacuolar sorting propeptide binding	F	AT3G52850
35440	7	F23 vs. S23	F2-3 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G04140
35441	7	F23 vs. S23	F2-3 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G35630
35442	7	F23 vs. S23	F2-3 up	GO:0019676	Metabolism	Metabolism	ammonia assimilation cycle	P	AT5G64290
35443	7	F23 vs. S23	F2-3 up	GO:0016208	Metabolism	Metabolism	AMP binding	F	AT1G20560
35444	7	F23 vs. S23	F2-3 up	GO:0016208	Metabolism	Metabolism	AMP binding	F	AT5G36880
35445	7	F23 vs. S23	F2-3 up	GO:0047668	Metabolism	Metabolism	amygdalin beta-glucosidase activity	F	AT3G18080
35446	7	F23 vs. S23	F2-3 up	GO:2001066	Metabolism	Metabolism	amylopectin binding	F	AT3G52180
35447	7	F23 vs. S23	F2-3 up	GO:0010021	Metabolism	Metabolism	amylopectin biosynthetic process	P	AT3G01180
35448	7	F23 vs. S23	F2-3 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT3G23920
35449	7	F23 vs. S23	F2-3 up	GO:0102229	Metabolism	Metabolism	amylopectin maltohydrolase activity	F	AT4G15210
35450	7	F23 vs. S23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT2G02990
35451	7	F23 vs. S23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT3G21560
35452	7	F23 vs. S23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT5G42800
35453	7	F23 vs. S23	F2-3 up	GO:0009718	Metabolism	Metabolism	anthocyanin-containing compound biosynthetic process	P	AT5G54060
35454	7	F23 vs. S23	F2-3 up	GO:0004048	Metabolism	Metabolism	anthranilate phosphoribosyltransferase activity	F	AT5G17990
35455	7	F23 vs. S23	F2-3 up	GO:0004049	Metabolism	Metabolism	anthranilate synthase activity	F	AT5G05730
35456	7	F23 vs. S23	F2-3 up	GO:0005950	Metabolism	Metabolism	anthranilate synthase complex	C	AT5G05730
35457	7	F23 vs. S23	F2-3 up	GO:0019567	Metabolism	Metabolism	arabinose biosynthetic process	P	AT1G30620
35458	7	F23 vs. S23	F2-3 up	GO:0019146	Metabolism	Metabolism	arabinose-5-phosphate isomerase activity	F	AT3G54690
35459	7	F23 vs. S23	F2-3 up	GO:0006526	Metabolism	Metabolism	arginine biosynthetic process	P	AT1G80600
35460	7	F23 vs. S23	F2-3 up	GO:0008792	Metabolism	Metabolism	arginine decarboxylase activity	F	AT2G16500

35461	7	F23 vs. S23	F2-3 up	GO:0008792	Metabolism	Metabolism	arginine decarboxylase activity	F	AT4G34710
35462	7	F23 vs. S23	F2-3 up	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT1G01600
35463	7	F23 vs. S23	F2-3 up	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT1G63710
35464	7	F23 vs. S23	F2-3 up	GO:0070330	Metabolism	Metabolism	aromatase activity	F	AT4G00360
35465	7	F23 vs. S23	F2-3 up	GO:0009073	Metabolism	Metabolism	aromatic amino acid family biosynthetic process	P	AT1G22410
35466	7	F23 vs. S23	F2-3 up	GO:0009073	Metabolism	Metabolism	aromatic amino acid family biosynthetic process	P	AT4G33510
35467	7	F23 vs. S23	F2-3 up	GO:0009072	Metabolism	Metabolism	aromatic amino acid family metabolic process	P	AT1G80360
35468	7	F23 vs. S23	F2-3 up	GO:0009072	Metabolism	Metabolism	aromatic amino acid family metabolic process	P	AT2G02390
35469	7	F23 vs. S23	F2-3 up	GO:0019438	Metabolism	Metabolism	aromatic compound biosynthetic process	P	AT4G35150
35470	7	F23 vs. S23	F2-3 up	GO:0004058	Metabolism	Metabolism	aromatic-L-amino-acid decarboxylase activity	F	AT4G28680
35471	7	F23 vs. S23	F2-3 up	GO:0004067	Metabolism	Metabolism	asparaginase activity	F	AT3G16150
35472	7	F23 vs. S23	F2-3 up	GO:0004067	Metabolism	Metabolism	asparaginase activity	F	AT5G08100
35473	7	F23 vs. S23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G03230
35474	7	F23 vs. S23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G11910
35475	7	F23 vs. S23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT1G65240
35476	7	F23 vs. S23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT2G03200
35477	7	F23 vs. S23	F2-3 up	GO:0004190	Metabolism	Metabolism	aspartic-type endopeptidase activity	F	AT4G04460
35478	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G26450
35479	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G43050
35480	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G47040
35481	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT2G47550
35482	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G05610
35483	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G14310
35484	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G17060
35485	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G29090
35486	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G43270
35487	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT3G62170
35488	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT4G33220
35489	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07410
35490	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07420
35491	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G07430
35492	7	F23 vs. S23	F2-3 up	GO:0045330	Metabolism	Metabolism	aspartyl esterase activity	F	AT5G53370
35493	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G03030
35494	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G06430
35495	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G06700
35496	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G09430
35497	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G15500
35498	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G18150
35499	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G32060
35500	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G48030
35501	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50250
35502	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50610
35503	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G54280
35504	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G60440
35505	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G60810
35506	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G62750
35507	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G63440
35508	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G63940
35509	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G65410
35510	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G66200
35511	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G66950
35512	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G67940
35513	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G70610
35514	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G71960
35515	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G72330
35516	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G73220

35517	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G73500
35518	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G76030
35519	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G78900
35520	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80030
35521	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80380
35522	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80460
35523	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G80660
35524	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G05710
35525	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G07560
35526	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G14750
35527	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G16750
35528	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G17220
35529	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G18470
35530	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G18960
35531	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G20470
35532	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G21480
35533	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G22950
35534	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G25530
35535	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G26080
35536	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G26910
35537	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G30360
35538	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31390
35539	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31500
35540	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G33210
35541	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G34660
35542	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G36880
35543	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G39730
35544	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G41970
35545	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G46340
35546	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G46500
35547	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G06980
35548	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07960
35549	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G08730
35550	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G09440
35551	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G10420
35552	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12580
35553	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12690
35554	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12780
35555	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G14050
35556	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G17390
35557	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G18780
35558	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G20190
35559	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G20200
35560	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21230
35561	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G21250
35562	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G22310
35563	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G22890
35564	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24190
35565	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24530
35566	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G42640
35567	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G45780
35568	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G46520
35569	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G47950
35570	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G48000
35571	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G50000
35572	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G51240

35573	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54660
35574	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G54690
35575	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55100
35576	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55610
35577	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G56600
35578	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G56960
35579	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G57330
35580	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G60330
35581	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G61160
35582	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G01370
35583	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G01850
35584	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G11030
35585	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G15530
35586	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G21470
35587	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G23100
35588	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G28490
35589	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G31230
35590	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G34030
35591	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G34200
35592	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G35500
35593	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G38510
35594	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39110
35595	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G39940
35596	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G40010
35597	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G02270
35598	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G03290
35599	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G04720
35600	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G05200
35601	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G06530
35602	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G08690
35603	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G09810
35604	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G10290
35605	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G10930
35606	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G12000
35607	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G15450
35608	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G18280
35609	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G19220
35610	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G22060
35611	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G35630
35612	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G36880
35613	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G37600
35614	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G40010
35615	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G42270
35616	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G44110
35617	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G45840
35618	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G49660
35619	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G50000
35620	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G53890
35621	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G57350
35622	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G59370
35623	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G60790
35624	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G60990
35625	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G61700
35626	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G63380
35627	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G64050
35628	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G64840

35629	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G64940
35630	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G65720
35631	7	F23 vs. S23	F2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G66760
35632	7	F23 vs. S23	F2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT1G06430
35633	7	F23 vs. S23	F2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT1G50250
35634	7	F23 vs. S23	F2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT5G42270
35635	7	F23 vs. S23	F2-3 up	GO:0018874	Metabolism	Metabolism	benzoate metabolic process	P	AT2G43820
35636	7	F23 vs. S23	F2-3 up	GO:0052641	Metabolism	Metabolism	benzoic acid glucosyltransferase activity	F	AT2G43820
35637	7	F23 vs. S23	F2-3 up	GO:0102996	Metabolism	Metabolism	beta,beta digalactosyldiacylglycerol galactosyltransferase activity	F	AT3G06510
35638	7	F23 vs. S23	F2-3 up	GO:0019483	Metabolism	Metabolism	beta-alanine biosynthetic process	P	AT3G17810
35639	7	F23 vs. S23	F2-3 up	GO:0008798	Metabolism	Metabolism	beta-aspartyl-peptidase activity	F	AT3G16150
35640	7	F23 vs. S23	F2-3 up	GO:0008798	Metabolism	Metabolism	beta-aspartyl-peptidase activity	F	AT5G08100
35641	7	F23 vs. S23	F2-3 up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT1G45130
35642	7	F23 vs. S23	F2-3 up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT4G35010
35643	7	F23 vs. S23	F2-3 up	GO:0004565	Metabolism	Metabolism	beta-galactosidase activity	F	AT5G56870
35644	7	F23 vs. S23	F2-3 up	GO:0080083	Metabolism	Metabolism	beta-gentiobiose beta-glucosidase activity	F	AT3G18080
35645	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT1G61820
35646	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT2G44450
35647	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G03640
35648	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G06510
35649	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G18080
35650	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT3G62710
35651	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT4G10060
35652	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G20940
35653	7	F23 vs. S23	F2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G25980
35654	7	F23 vs. S23	F2-3 up	GO:0008802	Metabolism	Metabolism	betaine-aldehyde dehydrogenase activity	F	AT3G48170
35655	7	F23 vs. S23	F2-3 up	GO:0004567	Metabolism	Metabolism	beta-mannosidase activity	F	AT3G18080
35656	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G04670
35657	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G07040
35658	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G09310
35659	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12250
35660	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12320
35661	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14330
35662	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G15430
35663	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G15470
35664	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G16290
35665	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21680
35666	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G22750
35667	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G29140
35668	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G29520
35669	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G30090
35670	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G31130
35671	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G32790
35672	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47280
35673	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47980
35674	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G48460
35675	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G49470
35676	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G63060
35677	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G66900
35678	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G68440
35679	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G69680
35680	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G70780
35681	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G72240
35682	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G74510
35683	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G75160

35684	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G79270
35685	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G07708
35686	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G09970
35687	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G13350
35688	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G14095
35689	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G17350
35690	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G17710
35691	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19000
35692	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19330
35693	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19980
35694	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20010
35695	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20870
35696	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G21820
35697	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G24550
35698	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G25530
35699	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G25625
35700	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G26490
35701	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G27180
35702	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G27290
35703	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G35490
35704	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G36020
35705	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G37110
35706	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G38500
35707	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G39650
35708	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G42760
35709	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G44210
35710	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G46300
35711	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G48060
35712	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G02970
35713	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G03430
35714	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G04360
35715	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G06150
35716	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G07090
35717	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G09590
35718	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G13410
35719	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G19970
35720	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G19990
35721	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G20865
35722	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G22240
35723	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G26100
35724	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G26580
35725	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G29240
35726	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50910
35727	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G51250
35728	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G56360
35729	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G57690
35730	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G63390
35731	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G18920
35732	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G19450
35733	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G20150
35734	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24330
35735	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G25660
35736	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G25780
35737	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G27790
35738	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G29780
35739	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30100

35740	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30460
35741	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G31330
35742	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G32020
35743	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G39820
35744	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G07240
35745	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11070
35746	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G17480
35747	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G19580
35748	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G22430
35749	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G23490
35750	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G38760
35751	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G40730
35752	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G41810
35753	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G45880
35754	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G46200
35755	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G47620
35756	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48270
35757	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G48330
35758	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G53820
35759	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G56140
35760	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G61710
35761	7	F23 vs. S23	F2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G61820
35762	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G03210
35763	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G70580
35764	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G72330
35765	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT2G41290
35766	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G57010
35767	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT3G57020
35768	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT4G31990
35769	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT5G36160
35770	7	F23 vs. S23	F2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT5G49810
35771	7	F23 vs. S23	F2-3 up	GO:0009081	Metabolism	Metabolism	branched-chain amino acid metabolic process	P	AT3G19710
35772	7	F23 vs. S23	F2-3 up	GO:0004084	Metabolism	Metabolism	branched-chain-amino-acid transaminase activity	F	AT3G19710
35773	7	F23 vs. S23	F2-3 up	GO:0010120	Metabolism	Metabolism	camalexin biosynthetic process	P	AT1G73500
35774	7	F23 vs. S23	F2-3 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G53130
35775	7	F23 vs. S23	F2-3 up	GO:0030552	Metabolism	Metabolism	cAMP binding	F	AT5G54250
35776	7	F23 vs. S23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT1G12780
35777	7	F23 vs. S23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT1G30620
35778	7	F23 vs. S23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT1G63180
35779	7	F23 vs. S23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT2G34850
35780	7	F23 vs. S23	F2-3 up	GO:0045227	Metabolism	Metabolism	capsule polysaccharide biosynthetic process	P	AT4G20460
35781	7	F23 vs. S23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT1G58180
35782	7	F23 vs. S23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT3G01500
35783	7	F23 vs. S23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT5G14740
35784	7	F23 vs. S23	F2-3 up	GO:0015976	Metabolism	Metabolism	carbon utilization	P	AT5G65810
35785	7	F23 vs. S23	F2-3 up	GO:0016830	Metabolism	Metabolism	carbon-carbon lyase activity	F	AT2G29630
35786	7	F23 vs. S23	F2-3 up	GO:0016846	Metabolism	Metabolism	carbon-sulfur lyase activity	F	AT1G34040
35787	7	F23 vs. S23	F2-3 up	GO:0016846	Metabolism	Metabolism	carbon-sulfur lyase activity	F	AT3G57050
35788	7	F23 vs. S23	F2-3 up	GO:0052689	Metabolism	Metabolism	carboxylic ester hydrolase activity	F	AT4G24160
35789	7	F23 vs. S23	F2-3 up	GO:0004180	Metabolism	Metabolism	carboxypeptidase activity	F	AT4G36190
35790	7	F23 vs. S23	F2-3 up	GO:0004180	Metabolism	Metabolism	carboxypeptidase activity	F	AT5G65760
35791	7	F23 vs. S23	F2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT1G03210
35792	7	F23 vs. S23	F2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT1G64770
35793	7	F23 vs. S23	F2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT5G44720
35794	7	F23 vs. S23	F2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT5G66420
35795	7	F23 vs. S23	F2-3 up	GO:0016024	Metabolism	Metabolism	CDP-diacylglycerol biosynthetic process	P	AT1G51260

35796	7	F23 vs. S23	F2-3 up	GO:0000032	Metabolism	Metabolism	cell wall mannoprotein biosynthetic process	P	AT3G02570
35797	7	F23 vs. S23	F2-3 up	GO:0052325	Metabolism	Metabolism	cell wall pectin biosynthetic process	P	AT5G15470
35798	7	F23 vs. S23	F2-3 up	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G06510
35799	7	F23 vs. S23	F2-3 up	GO:0080079	Metabolism	Metabolism	cellobiose glucosidase activity	F	AT3G18080
35800	7	F23 vs. S23	F2-3 up	GO:0006081	Metabolism	Metabolism	cellular aldehyde metabolic process	P	AT4G36250
35801	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT1G17745
35802	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT1G44820
35803	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT3G16050
35804	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT4G28680
35805	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT4G34200
35806	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G01410
35807	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G36160
35808	7	F23 vs. S23	F2-3 up	GO:0006520	Metabolism	Metabolism	cellular amino acid metabolic process	P	AT5G54080
35809	7	F23 vs. S23	F2-3 up	GO:0006725	Metabolism	Metabolism	cellular aromatic compound metabolic process	P	AT4G15093
35810	7	F23 vs. S23	F2-3 up	GO:0044255	Metabolism	Metabolism	cellular lipid metabolic process	P	AT5G49950
35811	7	F23 vs. S23	F2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G19940
35812	7	F23 vs. S23	F2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G64390
35813	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT1G55850
35814	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G32530
35815	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G33100
35816	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT2G39770
35817	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT4G32410
35818	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT4G39350
35819	7	F23 vs. S23	F2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT5G05170
35820	7	F23 vs. S23	F2-3 up	GO:0010215	Metabolism	Metabolism	cellulose microfibril organization	P	AT3G20580
35821	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT1G55850
35822	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT2G32530
35823	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT2G33100
35824	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT3G02230
35825	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT4G32410
35826	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT4G39350
35827	7	F23 vs. S23	F2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT5G05170
35828	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT1G55850
35829	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT2G32530
35830	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT2G33100
35831	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT3G28180
35832	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G16590
35833	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G32410
35834	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT4G39350
35835	7	F23 vs. S23	F2-3 up	GO:0016759	Metabolism	Metabolism	cellulose synthase activity	F	AT5G05170
35836	7	F23 vs. S23	F2-3 up	GO:0046513	Metabolism	Metabolism	ceramide biosynthetic process	P	AT2G37940
35837	7	F23 vs. S23	F2-3 up	GO:0047493	Metabolism	Metabolism	ceramide cholinephosphotransferase activity	F	AT2G37940
35838	7	F23 vs. S23	F2-3 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G53130
35839	7	F23 vs. S23	F2-3 up	GO:0030553	Metabolism	Metabolism	cGMP binding	F	AT5G54250
35840	7	F23 vs. S23	F2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT2G43570
35841	7	F23 vs. S23	F2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT3G04720
35842	7	F23 vs. S23	F2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT4G19810
35843	7	F23 vs. S23	F2-3 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT2G43570
35844	7	F23 vs. S23	F2-3 up	GO:0004568	Metabolism	Metabolism	chitinase activity	F	AT4G19810
35845	7	F23 vs. S23	F2-3 up	GO:0042425	Metabolism	Metabolism	choline biosynthetic process	P	AT3G18000
35846	7	F23 vs. S23	F2-3 up	GO:0004105	Metabolism	Metabolism	choline-phosphate cytidylyltransferase activity	F	AT2G32260
35847	7	F23 vs. S23	F2-3 up	GO:0009423	Metabolism	Metabolism	chorismate biosynthetic process	P	AT1G22410
35848	7	F23 vs. S23	F2-3 up	GO:0009423	Metabolism	Metabolism	chorismate biosynthetic process	P	AT4G33510
35849	7	F23 vs. S23	F2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT1G43700
35850	7	F23 vs. S23	F2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT5G63860
35851	7	F23 vs. S23	F2-3 up	GO:0050412	Metabolism	Metabolism	cinnamate beta-D-glucosyltransferase activity	F	AT4G15490

35852	7	F23 vs. S23	F2-3 up	GO:0009800	Metabolism	Metabolism	cinnamic acid biosynthetic process	P	AT2G37040
35853	7	F23 vs. S23	F2-3 up	GO:0009801	Metabolism	Metabolism	cinnamic acid ester metabolic process	P	AT3G21560
35854	7	F23 vs. S23	F2-3 up	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT2G34790
35855	7	F23 vs. S23	F2-3 up	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT4G34230
35856	7	F23 vs. S23	F2-3 up	GO:0045551	Metabolism	Metabolism	cinnamyl-alcohol dehydrogenase activity	F	AT4G37990
35857	7	F23 vs. S23	F2-3 up	GO:0033961	Metabolism	Metabolism	cis-stilbene-oxide hydrolase activity	F	AT2G26740
35858	7	F23 vs. S23	F2-3 up	GO:0033468	Metabolism	Metabolism	CMP-keto-3-deoxy-D-manno-octulosonic acid biosynthetic process	P	AT1G53000
35859	7	F23 vs. S23	F2-3 up	GO:0048037	Metabolism	Metabolism	cofactor binding	F	AT5G23250
35860	7	F23 vs. S23	F2-3 up	GO:0047782	Metabolism	Metabolism	coniferin beta-glucosidase activity	F	AT1G61820
35861	7	F23 vs. S23	F2-3 up	GO:0050268	Metabolism	Metabolism	coniferyl-alcohol dehydrogenase activity	F	AT2G34790
35862	7	F23 vs. S23	F2-3 up	GO:0050269	Metabolism	Metabolism	coniferyl-aldehyde dehydrogenase activity	F	AT3G24503
35863	7	F23 vs. S23	F2-3 up	GO:0016531	Metabolism	Metabolism	copper chaperone activity	F	AT3G56240
35864	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G07600
35865	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G07610
35866	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G24360
35867	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G48030
35868	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G50940
35869	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G55560
35870	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G55570
35871	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G63440
35872	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G65930
35873	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G66200
35874	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G72330
35875	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G79440
35876	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G80600
35877	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G05710
35878	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G33210
35879	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G36460
35880	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G36880
35881	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G42490
35882	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G04120
35883	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13390
35884	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G13400
35885	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G52300
35886	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G54660
35887	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G55440
35888	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G01850
35889	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G10040
35890	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G20260
35891	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G25100
35892	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G26970
35893	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G08690
35894	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G13490
35895	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G23250
35896	7	F23 vs. S23	F2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G37600
35897	7	F23 vs. S23	F2-3 up	GO:0009805	Metabolism	Metabolism	coumarin biosynthetic process	P	AT2G40890
35898	7	F23 vs. S23	F2-3 up	GO:0009805	Metabolism	Metabolism	coumarin biosynthetic process	P	AT4G34050
35899	7	F23 vs. S23	F2-3 up	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT3G28970
35900	7	F23 vs. S23	F2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT1G01610
35901	7	F23 vs. S23	F2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT2G38110
35902	7	F23 vs. S23	F2-3 up	GO:0010143	Metabolism	Metabolism	cutin biosynthetic process	P	AT3G10570
35903	7	F23 vs. S23	F2-3 up	GO:0102580	Metabolism	Metabolism	cyanidin 3-O-glucoside 2-O''-xylosyltransferase activity	F	AT5G54060
35904	7	F23 vs. S23	F2-3 up	GO:1901038	Metabolism	Metabolism	cyanidin 3-O-glucoside metabolic process	P	AT5G54060
35905	7	F23 vs. S23	F2-3 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT4G34960

35906	7	F23 vs. S23	F2-3 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT4G38740
35907	7	F23 vs. S23	F2-3 up	GO:0004121	Metabolism	Metabolism	cystathionine beta-lyase activity	F	AT3G57050
35908	7	F23 vs. S23	F2-3 up	GO:0004123	Metabolism	Metabolism	cystathionine gamma-lyase activity	F	AT3G57050
35909	7	F23 vs. S23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT2G14750
35910	7	F23 vs. S23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT3G13110
35911	7	F23 vs. S23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G14880
35912	7	F23 vs. S23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G21990
35913	7	F23 vs. S23	F2-3 up	GO:0019344	Metabolism	Metabolism	cysteine biosynthetic process	P	AT4G39940
35914	7	F23 vs. S23	F2-3 up	GO:0006535	Metabolism	Metabolism	cysteine biosynthetic process from serine	P	AT3G13110
35915	7	F23 vs. S23	F2-3 up	GO:0006535	Metabolism	Metabolism	cysteine biosynthetic process from serine	P	AT4G14880
35916	7	F23 vs. S23	F2-3 up	GO:0019343	Metabolism	Metabolism	cysteine biosynthetic process via cystathionine	P	AT3G57050
35917	7	F23 vs. S23	F2-3 up	GO:0031071	Metabolism	Metabolism	cysteine desulfurase activity	F	AT5G65720
35918	7	F23 vs. S23	F2-3 up	GO:0004124	Metabolism	Metabolism	cysteine synthase activity	F	AT4G14880
35919	7	F23 vs. S23	F2-3 up	GO:0047804	Metabolism	Metabolism	cysteine-S-conjugate beta-lyase activity	F	AT3G57050
35920	7	F23 vs. S23	F2-3 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT1G47128
35921	7	F23 vs. S23	F2-3 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT5G45890
35922	7	F23 vs. S23	F2-3 up	GO:0008234	Metabolism	Metabolism	cysteine-type peptidase activity	F	AT5G60360
35923	7	F23 vs. S23	F2-3 up	GO:0004126	Metabolism	Metabolism	cytidine deaminase activity	F	AT2G19570
35924	7	F23 vs. S23	F2-3 up	GO:0009972	Metabolism	Metabolism	cytidine deamination	P	AT2G19570
35925	7	F23 vs. S23	F2-3 up	GO:0102485	Metabolism	Metabolism	dATP phosphohydrolase activity	F	AT5G18280
35926	7	F23 vs. S23	F2-3 up	GO:0102486	Metabolism	Metabolism	dCTP phosphohydrolase activity	F	AT5G18280
35927	7	F23 vs. S23	F2-3 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT4G38740
35928	7	F23 vs. S23	F2-3 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT5G23060
35929	7	F23 vs. S23	F2-3 up	GO:0045547	Metabolism	Metabolism	dehydrodolichyl diphosphate synthase activity	F	AT5G58770
35930	7	F23 vs. S23	F2-3 up	GO:0052637	Metabolism	Metabolism	delta 3-trans-hexadecenoic acid phosphatidylglycerol desaturase activity	F	AT4G27030
35931	7	F23 vs. S23	F2-3 up	GO:0047844	Metabolism	Metabolism	deoxycytidine deaminase activity	F	AT2G19570
35932	7	F23 vs. S23	F2-3 up	GO:0047364	Metabolism	Metabolism	desulfoglucosinolate sulfotransferase activity	F	AT1G74090
35933	7	F23 vs. S23	F2-3 up	GO:0102491	Metabolism	Metabolism	dGTP phosphohydrolase activity	F	AT5G18280
35934	7	F23 vs. S23	F2-3 up	GO:0004144	Metabolism	Metabolism	diacylglycerol O-acyltransferase activity	F	AT5G37300
35935	7	F23 vs. S23	F2-3 up	GO:0045552	Metabolism	Metabolism	dihydrokaempferol 4-reductase activity	F	AT5G42800
35936	7	F23 vs. S23	F2-3 up	GO:0004148	Metabolism	Metabolism	dihydrolipoyl dehydrogenase activity	F	AT1G48030
35937	7	F23 vs. S23	F2-3 up	GO:0050992	Metabolism	Metabolism	dimethylallyl diphosphate biosynthetic process	P	AT3G02780
35938	7	F23 vs. S23	F2-3 up	GO:0004161	Metabolism	Metabolism	dimethylallyltranstransferase activity	F	AT4G36810
35939	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G05010
35940	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G06640
35941	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G06650
35942	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G11840
35943	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G12010
35944	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G30040
35945	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT1G35190
35946	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT3G51240
35947	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT4G15093
35948	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT4G25420
35949	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G08640
35950	7	F23 vs. S23	F2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT5G64250
35951	7	F23 vs. S23	F2-3 up	GO:0016805	Metabolism	Metabolism	dipeptidase activity	F	AT4G30910
35952	7	F23 vs. S23	F2-3 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT4G36190
35953	7	F23 vs. S23	F2-3 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT5G65760
35954	7	F23 vs. S23	F2-3 up	GO:0047334	Metabolism	Metabolism	diphosphate-fructose-6-phosphate 1-phosphotransferase activity	F	AT4G04040
35955	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G07370
35956	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G09250
35957	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G09340
35958	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G32640
35959	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G42990

35960	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G64800
35961	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G64860
35962	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G69120
35963	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G27050
35964	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G35940
35965	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G40140
35966	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G46820
35967	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G04120
35968	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G15030
35969	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G22310
35970	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G23290
35971	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G46640
35972	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G56940
35973	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G02590
35974	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G17500
35975	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G25490
35976	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G04760
35977	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G13180
35978	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G20240
35979	7	F23 vs. S23	F2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G24120
35980	7	F23 vs. S23	F2-3 up	GO:0019408	Metabolism	Metabolism	dolichol biosynthetic process	P	AT5G58770
35981	7	F23 vs. S23	F2-3 up	GO:0008460	Metabolism	Metabolism	dTDP-glucose 4,6-dehydratase activity	F	AT1G53500
35982	7	F23 vs. S23	F2-3 up	GO:0102488	Metabolism	Metabolism	dTTP phosphohydrolase activity	F	AT5G18280
35983	7	F23 vs. S23	F2-3 up	GO:0102487	Metabolism	Metabolism	dUTP phosphohydrolase activity	F	AT5G18280
35984	7	F23 vs. S23	F2-3 up	GO:0042732	Metabolism	Metabolism	D-xylose metabolic process	P	AT5G54060
35985	7	F23 vs. S23	F2-3 up	GO:0042732	Metabolism	Metabolism	D-xylose metabolic process	P	AT5G57655
35986	7	F23 vs. S23	F2-3 up	GO:0042732	Metabolism	Metabolism	D-xylose metabolic process	P	AT5G59290
35987	7	F23 vs. S23	F2-3 up	GO:0046526	Metabolism	Metabolism	D-xylulose reductase activity	F	AT5G51970
35988	7	F23 vs. S23	F2-3 up	GO:0008843	Metabolism	Metabolism	endochitinase activity	F	AT4G19810
35989	7	F23 vs. S23	F2-3 up	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT1G03050
35990	7	F23 vs. S23	F2-3 up	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT1G25240
35991	7	F23 vs. S23	F2-3 up	GO:0006897	Metabolism	Metabolism	endocytosis	P	AT3G56960
35992	7	F23 vs. S23	F2-3 up	GO:0004866	Metabolism	Metabolism	endopeptidase inhibitor activity	F	AT1G73260
35993	7	F23 vs. S23	F2-3 up	GO:0016891	Metabolism	Metabolism	endoribonuclease activity, producing 5'-phosphomonoesters	F	AT1G11190
35994	7	F23 vs. S23	F2-3 up	GO:0035671	Metabolism	Metabolism	enone reductase activity	F	AT1G23740
35995	7	F23 vs. S23	F2-3 up	GO:0008047	Metabolism	Metabolism	enzyme activator activity	F	AT3G15360
35996	7	F23 vs. S23	F2-3 up	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT1G48630
35997	7	F23 vs. S23	F2-3 up	GO:0019899	Metabolism	Metabolism	enzyme binding	F	AT1G78370
35998	7	F23 vs. S23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT2G47050
35999	7	F23 vs. S23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT3G15360
36000	7	F23 vs. S23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT4G24640
36001	7	F23 vs. S23	F2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G50030
36002	7	F23 vs. S23	F2-3 up	GO:0004301	Metabolism	Metabolism	epoxide hydrolase activity	F	AT2G26740
36003	7	F23 vs. S23	F2-3 up	GO:0019373	Metabolism	Metabolism	epoxygenase P450 pathway	P	AT5G42650
36004	7	F23 vs. S23	F2-3 up	GO:0006696	Metabolism	Metabolism	ergosterol biosynthetic process	P	AT5G17230
36005	7	F23 vs. S23	F2-3 up	GO:0080082	Metabolism	Metabolism	esculin beta-glucosidase activity	F	AT3G18080
36006	7	F23 vs. S23	F2-3 up	GO:0004306	Metabolism	Metabolism	ethanolamine-phosphate cytidylyltransferase activity	F	AT2G38670
36007	7	F23 vs. S23	F2-3 up	GO:0035885	Metabolism	Metabolism	exochitinase activity	F	AT4G19810
36008	7	F23 vs. S23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT1G61290
36009	7	F23 vs. S23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G13150
36010	7	F23 vs. S23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G13990
36011	7	F23 vs. S23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G58430
36012	7	F23 vs. S23	F2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT5G59730
36013	7	F23 vs. S23	F2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT1G01980

36014	7	F23 vs. S23	F2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT2G34790
36015	7	F23 vs. S23	F2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT2G35660
36016	7	F23 vs. S23	F2-3 up	GO:0045337	Metabolism	Metabolism	farnesyl diphosphate biosynthetic process	P	AT4G36810
36017	7	F23 vs. S23	F2-3 up	GO:0004310	Metabolism	Metabolism	farnesyl-diphosphate farnesyltransferase activity	F	AT5G17230
36018	7	F23 vs. S23	F2-3 up	GO:0004311	Metabolism	Metabolism	farnesyltranstransferase activity	F	AT4G36810
36019	7	F23 vs. S23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT2G01880
36020	7	F23 vs. S23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT2G01890
36021	7	F23 vs. S23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G11050
36022	7	F23 vs. S23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G17790
36023	7	F23 vs. S23	F2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT5G01600
36024	7	F23 vs. S23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT2G01880
36025	7	F23 vs. S23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT2G01890
36026	7	F23 vs. S23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G11050
36027	7	F23 vs. S23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G17790
36028	7	F23 vs. S23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT4G15093
36029	7	F23 vs. S23	F2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT5G01600
36030	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G41830
36031	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G55560
36032	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT1G55570
36033	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G11050
36034	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13390
36035	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G13400
36036	7	F23 vs. S23	F2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT5G01600
36037	7	F23 vs. S23	F2-3 up	GO:0047890	Metabolism	Metabolism	flavanone 4-reductase activity	F	AT5G42800
36038	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G48030
36039	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G50940
36040	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G62570
36041	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT1G63940
36042	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G24170
36043	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G44190
36044	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G51840
36045	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G52880
36046	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT3G54660
36047	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT4G37760
36048	7	F23 vs. S23	F2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G66760
36049	7	F23 vs. S23	F2-3 up	GO:0016971	Metabolism	Metabolism	flavin-linked sulfhydryl oxidase activity	F	AT2G01270
36050	7	F23 vs. S23	F2-3 up	GO:0047893	Metabolism	Metabolism	flavonol 3-O-glucosyltransferase activity	F	AT4G34135
36051	7	F23 vs. S23	F2-3 up	GO:0033836	Metabolism	Metabolism	flavonol 7-O-beta-glucosyltransferase activity	F	AT4G34135
36052	7	F23 vs. S23	F2-3 up	GO:0045431	Metabolism	Metabolism	flavonol synthase activity	F	AT5G08640
36053	7	F23 vs. S23	F2-3 up	GO:0003919	Metabolism	Metabolism	FMN adenylyltransferase activity	F	AT4G21470
36054	7	F23 vs. S23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G14130
36055	7	F23 vs. S23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G14420
36056	7	F23 vs. S23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT3G45780
36057	7	F23 vs. S23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT4G18360
36058	7	F23 vs. S23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT4G36750
36059	7	F23 vs. S23	F2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT5G49970
36060	7	F23 vs. S23	F2-3 up	GO:0009398	Metabolism	Metabolism	FMN biosynthetic process	P	AT4G21470
36061	7	F23 vs. S23	F2-3 up	GO:0046655	Metabolism	Metabolism	folic acid metabolic process	P	AT4G13930
36062	7	F23 vs. S23	F2-3 up	GO:0046655	Metabolism	Metabolism	folic acid metabolic process	P	AT4G37930
36063	7	F23 vs. S23	F2-3 up	GO:0006004	Metabolism	Metabolism	fucose metabolic process	P	AT2G44500
36064	7	F23 vs. S23	F2-3 up	GO:0006004	Metabolism	Metabolism	fucose metabolic process	P	AT5G15740
36065	7	F23 vs. S23	F2-3 up	GO:0004333	Metabolism	Metabolism	fumarate hydratase activity	F	AT5G50950
36066	7	F23 vs. S23	F2-3 up	GO:0006106	Metabolism	Metabolism	fumarate metabolic process	P	AT5G50950
36067	7	F23 vs. S23	F2-3 up	GO:0019375	Metabolism	Metabolism	galactolipid biosynthetic process	P	AT3G12780
36068	7	F23 vs. S23	F2-3 up	GO:0019375	Metabolism	Metabolism	galactolipid biosynthetic process	P	AT5G20410
36069	7	F23 vs. S23	F2-3 up	GO:0046480	Metabolism	Metabolism	galactolipid galactosyltransferase activity	F	AT3G06510

36070	7	F23 vs. S23	F2-3 up	GO:0019374	Metabolism	Metabolism	galactolipid metabolic process	P	AT3G54950
36071	7	F23 vs. S23	F2-3 up	GO:0019374	Metabolism	Metabolism	galactolipid metabolic process	P	AT5G20410
36072	7	F23 vs. S23	F2-3 up	GO:0046369	Metabolism	Metabolism	galactose biosynthetic process	P	AT1G12780
36073	7	F23 vs. S23	F2-3 up	GO:0006012	Metabolism	Metabolism	galactose metabolic process	P	AT1G30620
36074	7	F23 vs. S23	F2-3 up	GO:0006012	Metabolism	Metabolism	galactose metabolic process	P	AT2G34850
36075	7	F23 vs. S23	F2-3 up	GO:0006012	Metabolism	Metabolism	galactose metabolic process	P	AT4G20460
36076	7	F23 vs. S23	F2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT3G06510
36077	7	F23 vs. S23	F2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT5G62220
36078	7	F23 vs. S23	F2-3 up	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT1G02790
36079	7	F23 vs. S23	F2-3 up	GO:0047911	Metabolism	Metabolism	galacturan 1,4-alpha-galacturonidase activity	F	AT3G07850
36080	7	F23 vs. S23	F2-3 up	GO:0003839	Metabolism	Metabolism	gamma-glutamylcyclotransferase activity	F	AT4G31290
36081	7	F23 vs. S23	F2-3 up	GO:0009298	Metabolism	Metabolism	GDP-mannose biosynthetic process	P	AT2G39770
36082	7	F23 vs. S23	F2-3 up	GO:0009298	Metabolism	Metabolism	GDP-mannose biosynthetic process	P	AT3G02570
36083	7	F23 vs. S23	F2-3 up	GO:0102797	Metabolism	Metabolism	geranial:oxygen oxidoreductase activity	F	AT1G67290
36084	7	F23 vs. S23	F2-3 up	GO:0033384	Metabolism	Metabolism	geranyl diphosphate biosynthetic process	P	AT4G36810
36085	7	F23 vs. S23	F2-3 up	GO:0033386	Metabolism	Metabolism	geranylgeranyl diphosphate biosynthetic process	P	AT4G36810
36086	7	F23 vs. S23	F2-3 up	GO:0016767	Metabolism	Metabolism	geranylgeranyl-diphosphate geranylgeranyltransferase activity	F	AT5G17230
36087	7	F23 vs. S23	F2-3 up	GO:0004337	Metabolism	Metabolism	geranyltranstransferase activity	F	AT4G36810
36088	7	F23 vs. S23	F2-3 up	GO:0047259	Metabolism	Metabolism	glucomannan 4-beta-mannosyltransferase activity	F	AT4G16590
36089	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G16410
36090	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G62570
36091	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT1G74090
36092	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT3G19710
36093	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G12030
36094	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G13770
36095	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT4G23100
36096	7	F23 vs. S23	F2-3 up	GO:0019761	Metabolism	Metabolism	glucosinolate biosynthetic process	P	AT5G14200
36097	7	F23 vs. S23	F2-3 up	GO:0102799	Metabolism	Metabolism	glucosinolate glucohydrolase activity	F	AT5G25980
36098	7	F23 vs. S23	F2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT4G30550
36099	7	F23 vs. S23	F2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT4G37260
36100	7	F23 vs. S23	F2-3 up	GO:0015020	Metabolism	Metabolism	glucuronosyltransferase activity	F	AT2G28110
36101	7	F23 vs. S23	F2-3 up	GO:0010417	Metabolism	Metabolism	glucuronoxylan biosynthetic process	P	AT2G28110
36102	7	F23 vs. S23	F2-3 up	GO:0004349	Metabolism	Metabolism	glutamate 5-kinase activity	F	AT3G55610
36103	7	F23 vs. S23	F2-3 up	GO:0016595	Metabolism	Metabolism	glutamate binding	F	AT3G63310
36104	7	F23 vs. S23	F2-3 up	GO:0006537	Metabolism	Metabolism	glutamate biosynthetic process	P	AT5G04140
36105	7	F23 vs. S23	F2-3 up	GO:0004351	Metabolism	Metabolism	glutamate decarboxylase activity	F	AT1G65960
36106	7	F23 vs. S23	F2-3 up	GO:0006540	Metabolism	Metabolism	glutamate decarboxylation to succinate	P	AT1G79440
36107	7	F23 vs. S23	F2-3 up	GO:0006536	Metabolism	Metabolism	glutamate metabolic process	P	AT1G65960
36108	7	F23 vs. S23	F2-3 up	GO:0016041	Metabolism	Metabolism	glutamate synthase (ferredoxin) activity	F	AT5G04140
36109	7	F23 vs. S23	F2-3 up	GO:0004350	Metabolism	Metabolism	glutamate-5-semialdehyde dehydrogenase activity	F	AT3G55610
36110	7	F23 vs. S23	F2-3 up	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT1G66200
36111	7	F23 vs. S23	F2-3 up	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT5G35630
36112	7	F23 vs. S23	F2-3 up	GO:0004356	Metabolism	Metabolism	glutamate-ammonia ligase activity	F	AT5G37600
36113	7	F23 vs. S23	F2-3 up	GO:0004357	Metabolism	Metabolism	glutamate-cysteine ligase activity	F	AT4G23100
36114	7	F23 vs. S23	F2-3 up	GO:0004359	Metabolism	Metabolism	glutaminase activity	F	AT3G16050
36115	7	F23 vs. S23	F2-3 up	GO:0004359	Metabolism	Metabolism	glutaminase activity	F	AT5G01410
36116	7	F23 vs. S23	F2-3 up	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT1G66200
36117	7	F23 vs. S23	F2-3 up	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT5G35630
36118	7	F23 vs. S23	F2-3 up	GO:0006542	Metabolism	Metabolism	glutamine biosynthetic process	P	AT5G37600
36119	7	F23 vs. S23	F2-3 up	GO:0016603	Metabolism	Metabolism	glutaminyl-peptide cyclotransferase activity	F	AT4G25720
36120	7	F23 vs. S23	F2-3 up	GO:0046166	Metabolism	Metabolism	glyceraldehyde-3-phosphate biosynthetic process	P	AT3G55440
36121	7	F23 vs. S23	F2-3 up	GO:0008465	Metabolism	Metabolism	glycerate dehydrogenase activity	F	AT1G68010
36122	7	F23 vs. S23	F2-3 up	GO:0008887	Metabolism	Metabolism	glycerate kinase activity	F	AT1G80380
36123	7	F23 vs. S23	F2-3 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT1G59730
36124	7	F23 vs. S23	F2-3 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT3G15360

36125	7	F23 vs. S23	F2-3 up	GO:0004370	Metabolism	Metabolism	glycerol kinase activity	F	AT1G80460
36126	7	F23 vs. S23	F2-3 up	GO:0006071	Metabolism	Metabolism	glycerol metabolic process	P	AT1G80460
36127	7	F23 vs. S23	F2-3 up	GO:0006071	Metabolism	Metabolism	glycerol metabolic process	P	AT5G58050
36128	7	F23 vs. S23	F2-3 up	GO:0090447	Metabolism	Metabolism	glycerol-3-phosphate 2-O-acyltransferase activity	F	AT1G01610
36129	7	F23 vs. S23	F2-3 up	GO:0090447	Metabolism	Metabolism	glycerol-3-phosphate 2-O-acyltransferase activity	F	AT2G38110
36130	7	F23 vs. S23	F2-3 up	GO:0046167	Metabolism	Metabolism	glycerol-3-phosphate biosynthetic process	P	AT1G80460
36131	7	F23 vs. S23	F2-3 up	GO:0008889	Metabolism	Metabolism	glycerophosphodiester phosphodiesterase activity	F	AT5G58050
36132	7	F23 vs. S23	F2-3 up	GO:0016594	Metabolism	Metabolism	glycine binding	F	AT2G26080
36133	7	F23 vs. S23	F2-3 up	GO:0016594	Metabolism	Metabolism	glycine binding	F	AT4G33010
36134	7	F23 vs. S23	F2-3 up	GO:0006545	Metabolism	Metabolism	glycine biosynthetic process	P	AT1G23310
36135	7	F23 vs. S23	F2-3 up	GO:0006545	Metabolism	Metabolism	glycine biosynthetic process	P	AT3G04520
36136	7	F23 vs. S23	F2-3 up	GO:0019264	Metabolism	Metabolism	glycine biosynthetic process from serine	P	AT4G13930
36137	7	F23 vs. S23	F2-3 up	GO:0019264	Metabolism	Metabolism	glycine biosynthetic process from serine	P	AT4G37930
36138	7	F23 vs. S23	F2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT2G26080
36139	7	F23 vs. S23	F2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT4G33010
36140	7	F23 vs. S23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT1G11860
36141	7	F23 vs. S23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT2G26080
36142	7	F23 vs. S23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT4G33010
36143	7	F23 vs. S23	F2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT4G37930
36144	7	F23 vs. S23	F2-3 up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT2G26080
36145	7	F23 vs. S23	F2-3 up	GO:0004375	Metabolism	Metabolism	glycine dehydrogenase (decarboxylating) activity	F	AT4G33010
36146	7	F23 vs. S23	F2-3 up	GO:0004372	Metabolism	Metabolism	glycine hydroxymethyltransferase activity	F	AT4G13930
36147	7	F23 vs. S23	F2-3 up	GO:0004372	Metabolism	Metabolism	glycine hydroxymethyltransferase activity	F	AT4G37930
36148	7	F23 vs. S23	F2-3 up	GO:0006544	Metabolism	Metabolism	glycine metabolic process	P	AT4G13930
36149	7	F23 vs. S23	F2-3 up	GO:0006544	Metabolism	Metabolism	glycine metabolic process	P	AT4G37930
36150	7	F23 vs. S23	F2-3 up	GO:0047958	Metabolism	Metabolism	glycine:2-oxoglutarate aminotransferase activity	F	AT1G23310
36151	7	F23 vs. S23	F2-3 up	GO:0047958	Metabolism	Metabolism	glycine:2-oxoglutarate aminotransferase activity	F	AT1G70580
36152	7	F23 vs. S23	F2-3 up	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT1G23190
36153	7	F23 vs. S23	F2-3 up	GO:0005978	Metabolism	Metabolism	glycogen biosynthetic process	P	AT5G19220
36154	7	F23 vs. S23	F2-3 up	GO:0005977	Metabolism	Metabolism	glycogen metabolic process	P	AT3G03250
36155	7	F23 vs. S23	F2-3 up	GO:0009247	Metabolism	Metabolism	glycolipid biosynthetic process	P	AT5G01220
36156	7	F23 vs. S23	F2-3 up	GO:0009247	Metabolism	Metabolism	glycolipid biosynthetic process	P	AT5G20410
36157	7	F23 vs. S23	F2-3 up	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT3G29360
36158	7	F23 vs. S23	F2-3 up	GO:0006024	Metabolism	Metabolism	glycosaminoglycan biosynthetic process	P	AT5G39320
36159	7	F23 vs. S23	F2-3 up	GO:0019172	Metabolism	Metabolism	glyoxalase III activity	F	AT1G53280
36160	7	F23 vs. S23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT1G30620
36161	7	F23 vs. S23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT2G34850
36162	7	F23 vs. S23	F2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT4G20460
36163	7	F23 vs. S23	F2-3 up	GO:0010597	Metabolism	Metabolism	green leaf volatile biosynthetic process	P	AT3G03480
36164	7	F23 vs. S23	F2-3 up	GO:0010597	Metabolism	Metabolism	green leaf volatile biosynthetic process	P	AT3G45140
36165	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G17220
36166	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G18070
36167	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G43890
36168	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G62750
36169	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G64740
36170	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G15310
36171	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G39770
36172	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G13870
36173	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G14050
36174	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G16100
36175	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G21700
36176	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G22950
36177	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G46830
36178	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G62290
36179	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G17530
36180	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G20890

36181	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G27630
36182	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G30600
36183	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G20010
36184	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G45130
36185	7	F23 vs. S23	F2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G59750
36186	7	F23 vs. S23	F2-3 up	GO:0003935	Metabolism	Metabolism	GTP cyclohydrolase II activity	F	AT5G59750
36187	7	F23 vs. S23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT2G37550
36188	7	F23 vs. S23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G09550
36189	7	F23 vs. S23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G54780
36190	7	F23 vs. S23	F2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G61530
36191	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G17220
36192	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G18070
36193	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G43890
36194	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G64740
36195	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G13870
36196	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G16100
36197	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G21700
36198	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G46830
36199	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G17530
36200	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G20890
36201	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G30600
36202	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G20010
36203	7	F23 vs. S23	F2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G45130
36204	7	F23 vs. S23	F2-3 up	GO:0106046	Metabolism	Metabolism	guanine deglycation, glyoxal removal	P	AT1G53280
36205	7	F23 vs. S23	F2-3 up	GO:0015969	Metabolism	Metabolism	guanosine tetraphosphate metabolic process	P	AT3G14050
36206	7	F23 vs. S23	F2-3 up	GO:0005085	Metabolism	Metabolism	guanyl-nucleotide exchange factor activity	F	AT5G63860
36207	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G01600
36208	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G16410
36209	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G20620
36210	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G20630
36211	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G58265
36212	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G63710
36213	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G15620
36214	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G24180
36215	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G24800
36216	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G37130
36217	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G37970
36218	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G40000
36219	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT2G40890
36220	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G10570
36221	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G14620
36222	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G30180
36223	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G48520
36224	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G49110
36225	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G61880
36226	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G00360
36227	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G10040
36228	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G13770
36229	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G32320
36230	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37310
36231	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37430
36232	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37530
36233	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39480
36234	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G39510
36235	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G04660
36236	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G25120

36237	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G42650
36238	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G47000
36239	7	F23 vs. S23	F2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	ATCG00720
36240	7	F23 vs. S23	F2-3 up	GO:0102798	Metabolism	Metabolism	heptaldehyde:oxygen oxidoreductase activity	F	AT1G67290
36241	7	F23 vs. S23	F2-3 up	GO:0010297	Metabolism	Metabolism	heteropolysaccharide binding	F	AT1G09340
36242	7	F23 vs. S23	F2-3 up	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT1G78240
36243	7	F23 vs. S23	F2-3 up	GO:0010289	Metabolism	Metabolism	homogalacturonan biosynthetic process	P	AT3G25140
36244	7	F23 vs. S23	F2-3 up	GO:0010394	Metabolism	Metabolism	homogalacturonan metabolic process	P	AT5G65810
36245	7	F23 vs. S23	F2-3 up	GO:0004411	Metabolism	Metabolism	homogentisate 1,2-dioxygenase activity	F	AT5G54080
36246	7	F23 vs. S23	F2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT2G14750
36247	7	F23 vs. S23	F2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT3G22890
36248	7	F23 vs. S23	F2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT4G39940
36249	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G03030
36250	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G05790
36251	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G17430
36252	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G56500
36253	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G66900
36254	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G76030
36255	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G16750
36256	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G32150
36257	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G39220
36258	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G41250
36259	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G45600
36260	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G02780
36261	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G10420
36262	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G11930
36263	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G19970
36264	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G20200
36265	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G48420
36266	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G51000
36267	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G52300
36268	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G11570
36269	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G13450
36270	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G21470
36271	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G30100
36272	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G31230
36273	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G38510
36274	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G11650
36275	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G12000
36276	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G22460
36277	7	F23 vs. S23	F2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G49950
36278	7	F23 vs. S23	F2-3 up	GO:0016811	Metabolism	Metabolism	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides	F	AT4G37560
36279	7	F23 vs. S23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G58430
36280	7	F23 vs. S23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G28780
36281	7	F23 vs. S23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT5G17670
36282	7	F23 vs. S23	F2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT5G33370
36283	7	F23 vs. S23	F2-3 up	GO:0016799	Metabolism	Metabolism	hydrolase activity, hydrolyzing N-glycosyl compounds	F	AT2G28305
36284	7	F23 vs. S23	F2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT2G01850
36285	7	F23 vs. S23	F2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT4G30270
36286	7	F23 vs. S23	F2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT5G57560
36287	7	F23 vs. S23	F2-3 up	GO:0016836	Metabolism	Metabolism	hydro-lyase activity	F	AT5G42650

36288	7	F23 vs. S23	F2-3 up	GO:0016618	Metabolism	Metabolism	hydroxypyruvate reductase activity	F	AT1G68010
36289	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G14750
36290	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G40890
36291	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G46340
36292	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G11050
36293	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G45780
36294	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G03560
36295	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G11280
36296	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G01600
36297	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G10290
36298	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G55250
36299	7	F23 vs. S23	F2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G63860
36300	7	F23 vs. S23	F2-3 up	GO:0080071	Metabolism	Metabolism	indol-3-yl-methyl-desulfoglucosinolate sulfotransferase activity	F	AT1G74090
36301	7	F23 vs. S23	F2-3 up	GO:0009759	Metabolism	Metabolism	indole glucosinolate biosynthetic process	P	AT1G32640
36302	7	F23 vs. S23	F2-3 up	GO:0042343	Metabolism	Metabolism	indole glucosinolate metabolic process	P	AT4G37430
36303	7	F23 vs. S23	F2-3 up	GO:0009700	Metabolism	Metabolism	indole phytoalexin biosynthetic process	P	AT4G23100
36304	7	F23 vs. S23	F2-3 up	GO:0103007	Metabolism	Metabolism	indole-3-acetate carboxyl methyltransferase activity	F	AT5G55250
36305	7	F23 vs. S23	F2-3 up	GO:0052638	Metabolism	Metabolism	indole-3-butyrate beta-glucosyltransferase activity	F	AT2G31750
36306	7	F23 vs. S23	F2-3 up	GO:0042430	Metabolism	Metabolism	indole-containing compound metabolic process	P	AT2G24180
36307	7	F23 vs. S23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT1G01050
36308	7	F23 vs. S23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT2G46860
36309	7	F23 vs. S23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT3G53620
36310	7	F23 vs. S23	F2-3 up	GO:0004427	Metabolism	Metabolism	inorganic diphosphatase activity	F	AT4G01480
36311	7	F23 vs. S23	F2-3 up	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT2G22240
36312	7	F23 vs. S23	F2-3 up	GO:0006021	Metabolism	Metabolism	inositol biosynthetic process	P	AT4G39800
36313	7	F23 vs. S23	F2-3 up	GO:0000822	Metabolism	Metabolism	inositol hexakisphosphate binding	F	AT3G29060
36314	7	F23 vs. S23	F2-3 up	GO:0045140	Metabolism	Metabolism	inositol phosphoceramide synthase activity	F	AT2G37940
36315	7	F23 vs. S23	F2-3 up	GO:0004512	Metabolism	Metabolism	inositol-3-phosphate synthase activity	F	AT2G22240
36316	7	F23 vs. S23	F2-3 up	GO:0004512	Metabolism	Metabolism	inositol-3-phosphate synthase activity	F	AT4G39800
36317	7	F23 vs. S23	F2-3 up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G11050
36318	7	F23 vs. S23	F2-3 up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT5G01600
36319	7	F23 vs. S23	F2-3 up	GO:0016866	Metabolism	Metabolism	intramolecular transferase activity	F	AT3G02230
36320	7	F23 vs. S23	F2-3 up	GO:0005242	Metabolism	Metabolism	inward rectifier potassium channel activity	F	AT5G53130
36321	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G01600
36322	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G16410
36323	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G58265
36324	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G63710
36325	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G24180
36326	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G40890
36327	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G42750
36328	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G10570
36329	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G11050
36330	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G14620
36331	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G30180
36332	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G48520
36333	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G61880
36334	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G00360
36335	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G13770
36336	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G26260
36337	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G33910
36338	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G37310
36339	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G37430
36340	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G39480
36341	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G39510
36342	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G01600

36343	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G04660
36344	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G25120
36345	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G42650
36346	7	F23 vs. S23	F2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G56640
36347	7	F23 vs. S23	F2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT4G04770
36348	7	F23 vs. S23	F2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT5G65720
36349	7	F23 vs. S23	F2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT2G29630
36350	7	F23 vs. S23	F2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT3G17810
36351	7	F23 vs. S23	F2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT5G50320
36352	7	F23 vs. S23	F2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT5G65720
36353	7	F23 vs. S23	F2-3 up	GO:0009240	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process	P	AT3G02780
36354	7	F23 vs. S23	F2-3 up	GO:0019288	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, methylerythritol 4-phosphate pathway	P	AT5G62790
36355	7	F23 vs. S23	F2-3 up	GO:0051484	Metabolism	Metabolism	isopentenyl diphosphate biosynthetic process, methylerythritol 4-phosphate pathway involved in terpenoid biosynthetic process	P	AT5G62790
36356	7	F23 vs. S23	F2-3 up	GO:0004452	Metabolism	Metabolism	isopentenyl-diphosphate delta-isomerase activity	F	AT3G02780
36357	7	F23 vs. S23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT1G17050
36358	7	F23 vs. S23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT2G17370
36359	7	F23 vs. S23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT3G02780
36360	7	F23 vs. S23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT4G36810
36361	7	F23 vs. S23	F2-3 up	GO:0008299	Metabolism	Metabolism	isoprenoid biosynthetic process	P	AT5G62790
36362	7	F23 vs. S23	F2-3 up	GO:0052694	Metabolism	Metabolism	jasmonoyl-isoleucine-12-hydroxylase activity	F	AT3G48520
36363	7	F23 vs. S23	F2-3 up	GO:0045703	Metabolism	Metabolism	ketoreductase activity	F	AT1G67730
36364	7	F23 vs. S23	F2-3 up	GO:0008911	Metabolism	Metabolism	lactaldehyde dehydrogenase activity	F	AT2G24270
36365	7	F23 vs. S23	F2-3 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT3G14130
36366	7	F23 vs. S23	F2-3 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT3G14420
36367	7	F23 vs. S23	F2-3 up	GO:0019516	Metabolism	Metabolism	lactate oxidation	P	AT4G18360
36368	7	F23 vs. S23	F2-3 up	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G23310
36369	7	F23 vs. S23	F2-3 up	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G70580
36370	7	F23 vs. S23	F2-3 up	GO:0004021	Metabolism	Metabolism	L-alanine:2-oxoglutarate aminotransferase activity	F	AT1G72330
36371	7	F23 vs. S23	F2-3 up	GO:0008732	Metabolism	Metabolism	L-allo-threonine aldolase activity	F	AT3G04520
36372	7	F23 vs. S23	F2-3 up	GO:0046373	Metabolism	Metabolism	L-arabinose metabolic process	P	AT3G10740
36373	7	F23 vs. S23	F2-3 up	GO:0004069	Metabolism	Metabolism	L-aspartate:2-oxoglutarate aminotransferase activity	F	AT4G31990
36374	7	F23 vs. S23	F2-3 up	GO:0009098	Metabolism	Metabolism	leucine biosynthetic process	P	AT5G14200
36375	7	F23 vs. S23	F2-3 up	GO:0097054	Metabolism	Metabolism	L-glutamate biosynthetic process	P	AT5G04140
36376	7	F23 vs. S23	F2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT3G01060
36377	7	F23 vs. S23	F2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT3G19990
36378	7	F23 vs. S23	F2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT5G63380
36379	7	F23 vs. S23	F2-3 up	GO:0009807	Metabolism	Metabolism	lignan biosynthetic process	P	AT4G39230
36380	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT1G61820
36381	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT2G36880
36382	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT2G40890
36383	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT3G17390
36384	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G01070
36385	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G34050
36386	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G34230
36387	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT4G37990
36388	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G05170
36389	7	F23 vs. S23	F2-3 up	GO:0009809	Metabolism	Metabolism	lignin biosynthetic process	P	AT5G13420
36390	7	F23 vs. S23	F2-3 up	GO:0016165	Metabolism	Metabolism	linoleate 13S-lipoxygenase activity	F	AT1G72520
36391	7	F23 vs. S23	F2-3 up	GO:0016165	Metabolism	Metabolism	linoleate 13S-lipoxygenase activity	F	AT3G45140
36392	7	F23 vs. S23	F2-3 up	GO:1990136	Metabolism	Metabolism	linoleate 9S-lipoxygenase activity	F	AT3G22400
36393	7	F23 vs. S23	F2-3 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT1G75880
36394	7	F23 vs. S23	F2-3 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT1G75900

36395	7	F23 vs. S23	F2-3 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT4G24160
36396	7	F23 vs. S23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G51600
36397	7	F23 vs. S23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT3G54800
36398	7	F23 vs. S23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G07550
36399	7	F23 vs. S23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G35180
36400	7	F23 vs. S23	F2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	ATCG00140
36401	7	F23 vs. S23	F2-3 up	GO:0034389	Metabolism	Metabolism	lipid droplet organization	P	AT3G05500
36402	7	F23 vs. S23	F2-3 up	GO:0030259	Metabolism	Metabolism	lipid glycosylation	P	AT5G04500
36403	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G05790
36404	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G09430
36405	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G11910
36406	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G60810
36407	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT3G51730
36408	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT4G04460
36409	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G16010
36410	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G55340
36411	7	F23 vs. S23	F2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G58050
36412	7	F23 vs. S23	F2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT1G01050
36413	7	F23 vs. S23	F2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT3G05500
36414	7	F23 vs. S23	F2-3 up	GO:0019915	Metabolism	Metabolism	lipid storage	P	AT5G07550
36415	7	F23 vs. S23	F2-3 up	GO:0009107	Metabolism	Metabolism	lipoate biosynthetic process	P	AT2G20860
36416	7	F23 vs. S23	F2-3 up	GO:0016992	Metabolism	Metabolism	lipoate synthase activity	F	AT2G20860
36417	7	F23 vs. S23	F2-3 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT3G14130
36418	7	F23 vs. S23	F2-3 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT3G14420
36419	7	F23 vs. S23	F2-3 up	GO:0004459	Metabolism	Metabolism	L-lactate dehydrogenase activity	F	AT4G18360
36420	7	F23 vs. S23	F2-3 up	GO:0062045	Metabolism	Metabolism	L-lysine alpha-aminotransferase	F	AT2G13810
36421	7	F23 vs. S23	F2-3 up	GO:0019279	Metabolism	Metabolism	L-methionine biosynthetic process from L-homoserine via cystathionine	P	AT3G57050
36422	7	F23 vs. S23	F2-3 up	GO:0006558	Metabolism	Metabolism	L-phenylalanine metabolic process	P	AT1G80360
36423	7	F23 vs. S23	F2-3 up	GO:0062034	Metabolism	Metabolism	L-pipecolic acid biosynthetic process	P	AT2G13810
36424	7	F23 vs. S23	F2-3 up	GO:0055129	Metabolism	Metabolism	L-proline biosynthetic process	P	AT3G55610
36425	7	F23 vs. S23	F2-3 up	GO:0006564	Metabolism	Metabolism	L-serine biosynthetic process	P	AT1G17745
36426	7	F23 vs. S23	F2-3 up	GO:0006564	Metabolism	Metabolism	L-serine biosynthetic process	P	AT2G17630
36427	7	F23 vs. S23	F2-3 up	GO:0006564	Metabolism	Metabolism	L-serine biosynthetic process	P	AT4G34200
36428	7	F23 vs. S23	F2-3 up	GO:0006564	Metabolism	Metabolism	L-serine biosynthetic process	P	AT4G35630
36429	7	F23 vs. S23	F2-3 up	GO:0006563	Metabolism	Metabolism	L-serine metabolic process	P	AT4G37930
36430	7	F23 vs. S23	F2-3 up	GO:0050362	Metabolism	Metabolism	L-tryptophan:2-oxoglutarate aminotransferase activity	F	AT1G80360
36431	7	F23 vs. S23	F2-3 up	GO:0004838	Metabolism	Metabolism	L-tyrosine:2-oxoglutarate aminotransferase activity	F	AT1G80360
36432	7	F23 vs. S23	F2-3 up	GO:0004838	Metabolism	Metabolism	L-tyrosine:2-oxoglutarate aminotransferase activity	F	AT5G36160
36433	7	F23 vs. S23	F2-3 up	GO:0004838	Metabolism	Metabolism	L-tyrosine:2-oxoglutarate aminotransferase activity	F	AT5G53970
36434	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G14420
36435	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G26820
36436	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G44000
36437	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G60590
36438	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G02720
36439	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G02990
36440	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT2G23900
36441	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G01270
36442	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07820
36443	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07830
36444	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07840
36445	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT4G22920
36446	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G15110
36447	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G26600
36448	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G48140

36449	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G55720
36450	7	F23 vs. S23	F2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G63180
36451	7	F23 vs. S23	F2-3 up	GO:0019878	Metabolism	Metabolism	lysine biosynthetic process via aminoadipic acid	P	AT4G33150
36452	7	F23 vs. S23	F2-3 up	GO:0042171	Metabolism	Metabolism	lysophosphatidic acid acyltransferase activity	F	AT4G24160
36453	7	F23 vs. S23	F2-3 up	GO:0080171	Metabolism	Metabolism	lytic vacuole organization	P	AT2G17990
36454	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G01050
36455	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G23190
36456	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G51420
36457	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G54280
36458	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT1G65930
36459	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G18960
36460	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G35840
36461	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G36580
36462	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G46860
36463	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G09810
36464	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G53620
36465	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT4G01480
36466	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT4G21470
36467	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G03290
36468	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G14200
36469	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G55250
36470	7	F23 vs. S23	F2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT5G57350
36471	7	F23 vs. S23	F2-3 up	GO:0048529	Metabolism	Metabolism	magnesium-protoporphyrin IX monomethyl ester (oxidative) cyclase activity	F	AT3G56940
36472	7	F23 vs. S23	F2-3 up	GO:0016034	Metabolism	Metabolism	maleylacetoacetate isomerase activity	F	AT2G02390
36473	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT1G09560
36474	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT1G09780
36475	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT3G05930
36476	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT4G29490
36477	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT4G30910
36478	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT5G26700
36479	7	F23 vs. S23	F2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT5G62790
36480	7	F23 vs. S23	F2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT2G33100
36481	7	F23 vs. S23	F2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT4G16590
36482	7	F23 vs. S23	F2-3 up	GO:0004475	Metabolism	Metabolism	mannose-1-phosphate guanylyltransferase activity	F	AT2G39770
36483	7	F23 vs. S23	F2-3 up	GO:0004476	Metabolism	Metabolism	mannose-6-phosphate isomerase activity	F	AT3G02570
36484	7	F23 vs. S23	F2-3 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14130
36485	7	F23 vs. S23	F2-3 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT3G14420
36486	7	F23 vs. S23	F2-3 up	GO:0052854	Metabolism	Metabolism	medium-chain-(S)-2-hydroxy-acid oxidase activity	F	AT4G18360
36487	7	F23 vs. S23	F2-3 up	GO:0046467	Metabolism	Metabolism	membrane lipid biosynthetic process	P	AT5G64940
36488	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G03850
36489	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G05010
36490	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G06640
36491	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G06650
36492	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G07600
36493	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G10960
36494	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G11190
36495	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G11840
36496	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G12010
36497	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G13900
36498	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G14420
36499	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G17050
36500	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G19150
36501	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G29930
36502	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G30040
36503	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G35190

36504	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G45474
36505	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G47570
36506	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G50250
36507	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G51090
36508	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G56500
36509	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G61520
36510	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G63900
36511	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G67280
36512	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G70790
36513	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G72520
36514	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G80030
36515	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G80660
36516	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G01490
36517	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G02720
36518	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G05100
36519	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G07560
36520	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G15620
36521	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G16430
36522	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G22950
36523	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G24800
36524	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G24820
36525	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G25740
36526	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G29630
36527	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G30020
36528	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G37130
36529	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G37550
36530	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40000
36531	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40100
36532	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40140
36533	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45800
36534	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G46210
36535	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G01270
36536	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02750
36537	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02770
36538	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G02780
36539	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G03420
36540	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G05580
36541	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G11410
36542	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12620
36543	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G16800
36544	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G17390
36545	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G17611
36546	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G18080
36547	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22370
36548	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22400
36549	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G25290
36550	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G42640
36551	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G44260
36552	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G45140
36553	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G46620
36554	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G47470
36555	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G47950
36556	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G48420
36557	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G49110
36558	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G51240
36559	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G51470

36560	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G52780
36561	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G52820
36562	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G54050
36563	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55800
36564	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G56940
36565	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G57330
36566	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G58180
36567	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G60330
36568	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G61230
36569	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G03280
36570	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G13670
36571	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G15530
36572	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G21990
36573	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G25230
36574	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G25420
36575	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G26080
36576	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G31750
36577	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32320
36578	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32410
36579	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G34050
36580	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G35060
36581	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G36810
36582	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G37530
36583	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G39350
36584	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G01450
36585	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G01520
36586	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G01530
36587	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04140
36588	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04500
36589	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05170
36590	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G05730
36591	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G08640
36592	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G10960
36593	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G11670
36594	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G12310
36595	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G15110
36596	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G16450
36597	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G17450
36598	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G18600
36599	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G19460
36600	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G20700
36601	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G22060
36602	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G22250
36603	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G42270
36604	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G43380
36605	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47000
36606	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G49970
36607	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G50320
36608	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G51720
36609	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G54080
36610	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G55400
36611	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G55720
36612	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G57655
36613	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G58003
36614	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G59750
36615	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G61410

36616	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G63180
36617	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	ATCG00280
36618	7	F23 vs. S23	F2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	ATCG00720
36619	7	F23 vs. S23	F2-3 up	GO:0070006	Metabolism	Metabolism	metalloaminopeptidase activity	F	AT4G33090
36620	7	F23 vs. S23	F2-3 up	GO:0070006	Metabolism	Metabolism	metalloaminopeptidase activity	F	AT5G04710
36621	7	F23 vs. S23	F2-3 up	GO:0008235	Metabolism	Metabolism	metalloexopeptidase activity	F	AT4G30910
36622	7	F23 vs. S23	F2-3 up	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT2G36880
36623	7	F23 vs. S23	F2-3 up	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT3G17390
36624	7	F23 vs. S23	F2-3 up	GO:0004478	Metabolism	Metabolism	methionine adenosyltransferase activity	F	AT4G01850
36625	7	F23 vs. S23	F2-3 up	GO:0009086	Metabolism	Metabolism	methionine biosynthetic process	P	AT3G03780
36626	7	F23 vs. S23	F2-3 up	GO:0009086	Metabolism	Metabolism	methionine biosynthetic process	P	AT5G20980
36627	7	F23 vs. S23	F2-3 up	GO:0006555	Metabolism	Metabolism	methionine metabolic process	P	AT1G80360
36628	7	F23 vs. S23	F2-3 up	GO:0006555	Metabolism	Metabolism	methionine metabolic process	P	AT3G17390
36629	7	F23 vs. S23	F2-3 up	GO:0030732	Metabolism	Metabolism	methionine S-methyltransferase activity	F	AT5G49810
36630	7	F23 vs. S23	F2-3 up	GO:0008705	Metabolism	Metabolism	methionine synthase activity	F	AT3G03780
36631	7	F23 vs. S23	F2-3 up	GO:0008705	Metabolism	Metabolism	methionine synthase activity	F	AT5G20980
36632	7	F23 vs. S23	F2-3 up	GO:0010326	Metabolism	Metabolism	methionine-oxo-acid transaminase activity	F	AT1G80360
36633	7	F23 vs. S23	F2-3 up	GO:0010326	Metabolism	Metabolism	methionine-oxo-acid transaminase activity	F	AT3G19710
36634	7	F23 vs. S23	F2-3 up	GO:0008327	Metabolism	Metabolism	methyl-CpG binding	F	AT3G15790
36635	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G29470
36636	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT1G78240
36637	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G34300
36638	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT2G45990
36639	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G18000
36640	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G23300
36641	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G27230
36642	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G51070
36643	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G10440
36644	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G17080
36645	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G19120
36646	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G40690
36647	7	F23 vs. S23	F2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G65810
36648	7	F23 vs. S23	F2-3 up	GO:0000146	Metabolism	Metabolism	microfilament motor activity	F	AT1G54560
36649	7	F23 vs. S23	F2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT4G20260
36650	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G04670
36651	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12250
36652	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12320
36653	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G13970
36654	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G14330
36655	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G15430
36656	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G16290
36657	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G18720
36658	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G19610
36659	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21010
36660	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21680
36661	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G22750
36662	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G23710
36663	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G24520
36664	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G29140
36665	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G29520
36666	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G30090
36667	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G31130
36668	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G31870
36669	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47280
36670	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47980
36671	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G48460

36672	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G49470
36673	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G63060
36674	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G68440
36675	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G68610
36676	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G69680
36677	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70780
36678	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G72240
36679	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G73390
36680	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74450
36681	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74510
36682	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G74670
36683	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75160
36684	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80530
36685	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G05910
36686	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G07708
36687	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G09970
36688	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G13350
36689	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G14095
36690	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G14900
36691	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17710
36692	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19000
36693	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19580
36694	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19980
36695	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20010
36696	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20870
36697	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G21820
36698	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G23810
36699	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G24450
36700	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G24550
36701	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G25625
36702	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G27180
36703	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G27290
36704	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G36020
36705	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G37110
36706	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G37860
36707	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G38500
36708	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G39210
36709	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G39650
36710	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G42760
36711	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G44060
36712	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46300
36713	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G47910
36714	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G02970
36715	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G04360
36716	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G06150
36717	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07090
36718	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07870
36719	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G09590
36720	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G15810
36721	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17800
36722	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17930
36723	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20220
36724	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G20865
36725	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G21550
36726	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G22240
36727	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G29240

36728	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G48510
36729	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50910
36730	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G51250
36731	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G56360
36732	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G57990
36733	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G02380
36734	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G11760
36735	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G12410
36736	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13230
36737	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G13560
36738	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G18920
36739	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G19450
36740	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G20150
36741	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G25660
36742	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G25780
36743	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29780
36744	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G30460
36745	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G31330
36746	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G32020
36747	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G06760
36748	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11070
36749	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19580
36750	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G22430
36751	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G23490
36752	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G26060
36753	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G28500
36754	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38660
36755	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38760
36756	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G41810
36757	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G44300
36758	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G45880
36759	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46200
36760	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G48270
36761	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G49610
36762	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53590
36763	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53820
36764	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G57785
36765	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G58960
36766	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G61710
36767	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G61820
36768	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G66400
36769	7	F23 vs. S23	F2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G67370
36770	7	F23 vs. S23	F2-3 up	GO:0030151	Metabolism	Metabolism	molybdenum ion binding	F	AT5G44720
36771	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT2G24180
36772	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT2G35660
36773	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT2G40890
36774	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G14620
36775	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G30180
36776	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT3G61880
36777	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G37430
36778	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G39480
36779	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G39510
36780	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G38420
36781	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G42650
36782	7	F23 vs. S23	F2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	ATCG00490
36783	7	F23 vs. S23	F2-3 up	GO:0005996	Metabolism	Metabolism	monosaccharide metabolic process	P	AT1G09340

36784	7	F23 vs. S23	F2-3 up	GO:0043693	Metabolism	Metabolism	monoterpene biosynthetic process	P	AT4G36810
36785	7	F23 vs. S23	F2-3 up	GO:0005451	Metabolism	Metabolism	monovalent cation:proton antiporter activity	F	AT1G79400
36786	7	F23 vs. S23	F2-3 up	GO:0005451	Metabolism	Metabolism	monovalent cation:proton antiporter activity	F	AT3G17630
36787	7	F23 vs. S23	F2-3 up	GO:0003774	Metabolism	Metabolism	motor activity	F	AT1G54560
36788	7	F23 vs. S23	F2-3 up	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT1G53500
36789	7	F23 vs. S23	F2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT1G21070
36790	7	F23 vs. S23	F2-3 up	GO:0048358	Metabolism	Metabolism	mucilage pectin biosynthetic process	P	AT5G15470
36791	7	F23 vs. S23	F2-3 up	GO:0010264	Metabolism	Metabolism	myo-inositol hexakisphosphate biosynthetic process	P	AT2G22240
36792	7	F23 vs. S23	F2-3 up	GO:0010264	Metabolism	Metabolism	myo-inositol hexakisphosphate biosynthetic process	P	AT4G39800
36793	7	F23 vs. S23	F2-3 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT1G62570
36794	7	F23 vs. S23	F2-3 up	GO:0052895	Metabolism	Metabolism	N1-acetylspermine:oxygen oxidoreductase (N1-acetylspermidine-forming) activity	F	AT1G65840
36795	7	F23 vs. S23	F2-3 up	GO:0010013	Metabolism	Metabolism	N-1-naphthylphthalamic acid binding	F	AT4G33090
36796	7	F23 vs. S23	F2-3 up	GO:0003992	Metabolism	Metabolism	N2-acetyl-L-ornithine:2-oxoglutarate 5-aminotransferase activity	F	AT1G80600
36797	7	F23 vs. S23	F2-3 up	GO:0008080	Metabolism	Metabolism	N-acetyltransferase activity	F	AT5G50320
36798	7	F23 vs. S23	F2-3 up	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT3G51240
36799	7	F23 vs. S23	F2-3 up	GO:0045486	Metabolism	Metabolism	naringenin 3-dioxygenase activity	F	AT5G08640
36800	7	F23 vs. S23	F2-3 up	GO:0050126	Metabolism	Metabolism	N-carbamoylputrescine amidase activity	F	AT2G27450
36801	7	F23 vs. S23	F2-3 up	GO:0090704	Metabolism	Metabolism	nicotinate-O-glucosyltransferase activity	F	AT2G43820
36802	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G66200
36803	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT1G68570
36804	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT2G15620
36805	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT2G26690
36806	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT3G21670
36807	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G37600
36808	7	F23 vs. S23	F2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G50950
36809	7	F23 vs. S23	F2-3 up	GO:0009671	Metabolism	Metabolism	nitrate:proton symporter activity	F	AT5G40890
36810	7	F23 vs. S23	F2-3 up	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT5G48180
36811	7	F23 vs. S23	F2-3 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT1G65960
36812	7	F23 vs. S23	F2-3 up	GO:0018580	Metabolism	Metabolism	nitronate monooxygenase activity	F	AT5G64250
36813	7	F23 vs. S23	F2-3 up	GO:0006607	Metabolism	Metabolism	NLS-bearing protein import into nucleus	P	AT4G16143
36814	7	F23 vs. S23	F2-3 up	GO:0052894	Metabolism	Metabolism	norspermine:oxygen oxidoreductase activity	F	AT1G65840
36815	7	F23 vs. S23	F2-3 up	GO:0018008	Metabolism	Metabolism	N-terminal peptidyl-glycine N-myristoylation	P	AT4G20260
36816	7	F23 vs. S23	F2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT1G11190
36817	7	F23 vs. S23	F2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT1G43700
36818	7	F23 vs. S23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT1G09560
36819	7	F23 vs. S23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT3G05930
36820	7	F23 vs. S23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G24780
36821	7	F23 vs. S23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G25610
36822	7	F23 vs. S23	F2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G26700
36823	7	F23 vs. S23	F2-3 up	GO:0016413	Metabolism	Metabolism	O-acetyltransferase activity	F	AT1G29050
36824	7	F23 vs. S23	F2-3 up	GO:0016413	Metabolism	Metabolism	O-acetyltransferase activity	F	AT3G28150
36825	7	F23 vs. S23	F2-3 up	GO:0070012	Metabolism	Metabolism	oligopeptidase activity	F	AT1G20380
36826	7	F23 vs. S23	F2-3 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT3G61990
36827	7	F23 vs. S23	F2-3 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT4G35150
36828	7	F23 vs. S23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT2G36880
36829	7	F23 vs. S23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT3G17390
36830	7	F23 vs. S23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT3G23810
36831	7	F23 vs. S23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G01850
36832	7	F23 vs. S23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G13930
36833	7	F23 vs. S23	F2-3 up	GO:0006730	Metabolism	Metabolism	one-carbon metabolic process	P	AT4G37930

36834	7	F23 vs. S23	F2-3 up	GO:0004648	Metabolism	Metabolism	O-phospho-L-serine:2-oxoglutarate aminotransferase activity	F	AT2G17630
36835	7	F23 vs. S23	F2-3 up	GO:0004648	Metabolism	Metabolism	O-phospho-L-serine:2-oxoglutarate aminotransferase activity	F	AT4G35630
36836	7	F23 vs. S23	F2-3 up	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT3G02770
36837	7	F23 vs. S23	F2-3 up	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT5G11670
36838	7	F23 vs. S23	F2-3 up	GO:0008948	Metabolism	Metabolism	oxaloacetate decarboxylase activity	F	AT5G16450
36839	7	F23 vs. S23	F2-3 up	GO:0006107	Metabolism	Metabolism	oxaloacetate metabolic process	P	AT5G58330
36840	7	F23 vs. S23	F2-3 up	GO:0018131	Metabolism	Metabolism	oxazole or thiazole biosynthetic process	P	AT5G54770
36841	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01600
36842	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G01980
36843	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G05010
36844	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06090
36845	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06640
36846	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G06650
36847	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G11840
36848	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G12010
36849	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G16410
36850	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G17745
36851	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G20020
36852	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G20620
36853	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G20630
36854	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G23740
36855	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G24360
36856	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G30040
36857	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G35190
36858	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G42970
36859	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G49670
36860	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G51410
36861	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G53500
36862	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G54100
36863	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55560
36864	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55570
36865	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G58265
36866	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G58290
36867	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G59730
36868	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G62570
36869	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G63710
36870	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G63940
36871	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G64060
36872	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G65840
36873	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G67290
36874	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G67730
36875	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G68010
36876	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G71500
36877	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G74880
36878	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76080
36879	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G78380
36880	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G79440
36881	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G01270
36882	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G01490
36883	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G02390
36884	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G15620
36885	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G17370
36886	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G17420
36887	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G21250

36888	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G21280
36889	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24180
36890	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24270
36891	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24800
36892	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G24820
36893	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G26080
36894	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G34790
36895	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37130
36896	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37240
36897	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37760
36898	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37770
36899	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G37790
36900	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G40890
36901	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G42490
36902	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G43020
36903	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G46210
36904	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G47730
36905	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G04120
36906	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G10570
36907	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G11050
36908	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G12120
36909	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13390
36910	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G13400
36911	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G14620
36912	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G15090
36913	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G15360
36914	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G17790
36915	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G17810
36916	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G22370
36917	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G24503
36918	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G25290
36919	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G26650
36920	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G29360
36921	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G30180
36922	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48000
36923	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48170
36924	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G48520
36925	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G49110
36926	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G51240
36927	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G52880
36928	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55610
36929	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G56940
36930	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G58180
36931	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G61220
36932	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G61880
36933	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G66658
36934	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G00360
36935	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G13010
36936	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G13770
36937	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G15093
36938	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G20760
36939	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G21990
36940	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G22870
36941	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25100
36942	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G25420
36943	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G26260

36944	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G27030
36945	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G30470
36946	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G32320
36947	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G33010
36948	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G33150
36949	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G33910
36950	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G34200
36951	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G34230
36952	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36250
36953	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36750
36954	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37310
36955	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37430
36956	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37530
36957	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37760
36958	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37990
36959	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39230
36960	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39480
36961	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G39510
36962	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G01600
36963	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G04140
36964	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G08640
36965	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G14200
36966	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24760
36967	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G25120
36968	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G38420
36969	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G39320
36970	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42650
36971	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G42800
36972	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47000
36973	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G47910
36974	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G49970
36975	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G50850
36976	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G51970
36977	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G54080
36978	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G56640
36979	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G62790
36980	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G64250
36981	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG00420
36982	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG00490
36983	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATCG01100
36984	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATMG00060
36985	7	F23 vs. S23	F2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	ATMG00650
36986	7	F23 vs. S23	F2-3 up	GO:0017077	Metabolism	Metabolism	oxidative phosphorylation uncoupler activity	F	AT2G22500
36987	7	F23 vs. S23	F2-3 up	GO:0019825	Metabolism	Metabolism	oxygen binding	F	AT5G42650
36988	7	F23 vs. S23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT1G72520
36989	7	F23 vs. S23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT2G33150
36990	7	F23 vs. S23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT3G22400
36991	7	F23 vs. S23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT3G45140
36992	7	F23 vs. S23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT5G42650
36993	7	F23 vs. S23	F2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT5G63380
36994	7	F23 vs. S23	F2-3 up	GO:0031407	Metabolism	Metabolism	oxylipin metabolic process	P	AT5G42650
36995	7	F23 vs. S23	F2-3 up	GO:0004594	Metabolism	Metabolism	pantothenate kinase activity	F	AT1G60440
36996	7	F23 vs. S23	F2-3 up	GO:0046482	Metabolism	Metabolism	para-aminobenzoic acid metabolic process	P	AT2G43820
36997	7	F23 vs. S23	F2-3 up	GO:0046409	Metabolism	Metabolism	p-coumarate 3-hydroxylase activity	F	AT2G40890
36998	7	F23 vs. S23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT1G14420
36999	7	F23 vs. S23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT2G02720

37000	7	F23 vs. S23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G01270
37001	7	F23 vs. S23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G15110
37002	7	F23 vs. S23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G55720
37003	7	F23 vs. S23	F2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT5G63180
37004	7	F23 vs. S23	F2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT4G19410
37005	7	F23 vs. S23	F2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT4G19420
37006	7	F23 vs. S23	F2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G06260
37007	7	F23 vs. S23	F2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT3G25140
37008	7	F23 vs. S23	F2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT5G15740
37009	7	F23 vs. S23	F2-3 up	GO:0045489	Metabolism	Metabolism	pectin biosynthetic process	P	AT5G65810
37010	7	F23 vs. S23	F2-3 up	GO:0045488	Metabolism	Metabolism	pectin metabolic process	P	AT3G29090
37011	7	F23 vs. S23	F2-3 up	GO:0045488	Metabolism	Metabolism	pectin metabolic process	P	AT5G65810
37012	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT1G10770
37013	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G26450
37014	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G43050
37015	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G47040
37016	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT2G47550
37017	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G05610
37018	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G14310
37019	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G17060
37020	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G29090
37021	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G43270
37022	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT3G62170
37023	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT4G02250
37024	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT4G33220
37025	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07410
37026	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07420
37027	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G07430
37028	7	F23 vs. S23	F2-3 up	GO:0030599	Metabolism	Metabolism	pectinesterase activity	F	AT5G53370
37029	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT1G10770
37030	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G26450
37031	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G43050
37032	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G47040
37033	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT2G47550
37034	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G05610
37035	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G14310
37036	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G43270
37037	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT3G62170
37038	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT4G02250
37039	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT4G33220
37040	7	F23 vs. S23	F2-3 up	GO:0046910	Metabolism	Metabolism	pectinesterase inhibitor activity	F	AT5G53370
37041	7	F23 vs. S23	F2-3 up	GO:0042277	Metabolism	Metabolism	peptide binding	F	AT4G33090
37042	7	F23 vs. S23	F2-3 up	GO:0042277	Metabolism	Metabolism	peptide binding	F	AT5G49660
37043	7	F23 vs. S23	F2-3 up	GO:0045548	Metabolism	Metabolism	phenylalanine ammonia-lyase activity	F	AT2G37040
37044	7	F23 vs. S23	F2-3 up	GO:0032442	Metabolism	Metabolism	phenylcoumaran benzylic ether reductase activity	F	AT4G39230
37045	7	F23 vs. S23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G37040
37046	7	F23 vs. S23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT2G40890
37047	7	F23 vs. S23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT3G21230
37048	7	F23 vs. S23	F2-3 up	GO:0009699	Metabolism	Metabolism	phenylpropanoid biosynthetic process	P	AT3G24503
37049	7	F23 vs. S23	F2-3 up	GO:0009698	Metabolism	Metabolism	phenylpropanoid metabolic process	P	AT1G80360
37050	7	F23 vs. S23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT1G01050
37051	7	F23 vs. S23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT2G46860
37052	7	F23 vs. S23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT3G53620

37053	7	F23 vs. S23	F2-3 up	GO:0006796	Metabolism	Metabolism	phosphate-containing compound metabolic process	P	AT4G01480
37054	7	F23 vs. S23	F2-3 up	GO:0006656	Metabolism	Metabolism	phosphatidylcholine biosynthetic process	P	AT1G48600
37055	7	F23 vs. S23	F2-3 up	GO:0006656	Metabolism	Metabolism	phosphatidylcholine biosynthetic process	P	AT2G32260
37056	7	F23 vs. S23	F2-3 up	GO:0006656	Metabolism	Metabolism	phosphatidylcholine biosynthetic process	P	AT3G18000
37057	7	F23 vs. S23	F2-3 up	GO:0006656	Metabolism	Metabolism	phosphatidylcholine biosynthetic process	P	AT5G35460
37058	7	F23 vs. S23	F2-3 up	GO:0006646	Metabolism	Metabolism	phosphatidylethanolamine biosynthetic process	P	AT2G38670
37059	7	F23 vs. S23	F2-3 up	GO:0046471	Metabolism	Metabolism	phosphatidylglycerol metabolic process	P	AT4G27030
37060	7	F23 vs. S23	F2-3 up	GO:0035091	Metabolism	Metabolism	phosphatidylinositol binding	F	AT3G54800
37061	7	F23 vs. S23	F2-3 up	GO:0035091	Metabolism	Metabolism	phosphatidylinositol binding	F	AT5G35180
37062	7	F23 vs. S23	F2-3 up	GO:0046488	Metabolism	Metabolism	phosphatidylinositol metabolic process	P	AT3G56960
37063	7	F23 vs. S23	F2-3 up	GO:0008526	Metabolism	Metabolism	phosphatidylinositol transfer activity	F	AT4G36490
37064	7	F23 vs. S23	F2-3 up	GO:0043325	Metabolism	Metabolism	phosphatidylinositol-3,4-bisphosphate binding	F	AT4G20260
37065	7	F23 vs. S23	F2-3 up	GO:0080025	Metabolism	Metabolism	phosphatidylinositol-3,5-bisphosphate binding	F	AT4G20260
37066	7	F23 vs. S23	F2-3 up	GO:0005546	Metabolism	Metabolism	phosphatidylinositol-4,5-bisphosphate binding	F	AT1G03050
37067	7	F23 vs. S23	F2-3 up	GO:0005546	Metabolism	Metabolism	phosphatidylinositol-4,5-bisphosphate binding	F	AT1G25240
37068	7	F23 vs. S23	F2-3 up	GO:0005546	Metabolism	Metabolism	phosphatidylinositol-4,5-bisphosphate binding	F	AT4G20260
37069	7	F23 vs. S23	F2-3 up	GO:0006659	Metabolism	Metabolism	phosphatidylserine biosynthetic process	P	AT4G39800
37070	7	F23 vs. S23	F2-3 up	GO:0008964	Metabolism	Metabolism	phosphoenolpyruvate carboxylase activity	F	AT1G53310
37071	7	F23 vs. S23	F2-3 up	GO:0008964	Metabolism	Metabolism	phosphoenolpyruvate carboxylase activity	F	AT3G14940
37072	7	F23 vs. S23	F2-3 up	GO:0000234	Metabolism	Metabolism	phosphoethanolamine N-methyltransferase activity	F	AT1G48600
37073	7	F23 vs. S23	F2-3 up	GO:0000234	Metabolism	Metabolism	phosphoethanolamine N-methyltransferase activity	F	AT3G18000
37074	7	F23 vs. S23	F2-3 up	GO:0004614	Metabolism	Metabolism	phosphoglucomutase activity	F	AT1G23190
37075	7	F23 vs. S23	F2-3 up	GO:0008114	Metabolism	Metabolism	phosphogluconate 2-dehydrogenase activity	F	AT1G64190
37076	7	F23 vs. S23	F2-3 up	GO:0004616	Metabolism	Metabolism	phosphogluconate dehydrogenase (decarboxylating) activity	F	AT1G64190
37077	7	F23 vs. S23	F2-3 up	GO:0004616	Metabolism	Metabolism	phosphogluconate dehydrogenase (decarboxylating) activity	F	AT3G02360
37078	7	F23 vs. S23	F2-3 up	GO:0004617	Metabolism	Metabolism	phosphoglycerate dehydrogenase activity	F	AT1G17745
37079	7	F23 vs. S23	F2-3 up	GO:0004617	Metabolism	Metabolism	phosphoglycerate dehydrogenase activity	F	AT4G34200
37080	7	F23 vs. S23	F2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT1G01610
37081	7	F23 vs. S23	F2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT2G22240
37082	7	F23 vs. S23	F2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT2G38110
37083	7	F23 vs. S23	F2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT4G24160
37084	7	F23 vs. S23	F2-3 up	GO:0006644	Metabolism	Metabolism	phospholipid metabolic process	P	AT3G54950
37085	7	F23 vs. S23	F2-3 up	GO:0052667	Metabolism	Metabolism	phosphomethylethanolamine N-methyltransferase activity	F	AT1G48600
37086	7	F23 vs. S23	F2-3 up	GO:0006793	Metabolism	Metabolism	phosphorus metabolic process	P	AT3G51860
37087	7	F23 vs. S23	F2-3 up	GO:0046838	Metabolism	Metabolism	phosphorylated carbohydrate dephosphorylation	P	AT3G52180
37088	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G09600
37089	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G32060
37090	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G48490
37091	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G60440
37092	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G61860
37093	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G78940
37094	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G80380
37095	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G80460
37096	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G14750
37097	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G20470
37098	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G14050
37099	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G50000
37100	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G55610
37101	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G01370
37102	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G15530
37103	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G21470
37104	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G25030

37105	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G35500
37106	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT4G39940
37107	7	F23 vs. S23	F2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G05200
37108	7	F23 vs. S23	F2-3 up	GO:0046905	Metabolism	Metabolism	phytoene synthase activity	F	AT5G17230
37109	7	F23 vs. S23	F2-3 up	GO:0031409	Metabolism	Metabolism	pigment binding	F	AT1G45474
37110	7	F23 vs. S23	F2-3 up	GO:0010236	Metabolism	Metabolism	plastoquinone biosynthetic process	P	AT1G17050
37111	7	F23 vs. S23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT1G70310
37112	7	F23 vs. S23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT2G16500
37113	7	F23 vs. S23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT3G02470
37114	7	F23 vs. S23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT4G34710
37115	7	F23 vs. S23	F2-3 up	GO:0006596	Metabolism	Metabolism	polyamine biosynthetic process	P	AT5G53120
37116	7	F23 vs. S23	F2-3 up	GO:0046592	Metabolism	Metabolism	polyamine oxidase activity	F	AT1G65840
37117	7	F23 vs. S23	F2-3 up	GO:0046592	Metabolism	Metabolism	polyamine oxidase activity	F	AT2G43020
37118	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G02790
37119	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G48100
37120	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT1G60590
37121	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT2G23900
37122	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07820
37123	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07830
37124	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07840
37125	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G07850
37126	7	F23 vs. S23	F2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT5G48140
37127	7	F23 vs. S23	F2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G06260
37128	7	F23 vs. S23	F2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT3G25140
37129	7	F23 vs. S23	F2-3 up	GO:0047262	Metabolism	Metabolism	polygalacturonate 4-alpha-galacturonosyltransferase activity	F	AT5G15470
37130	7	F23 vs. S23	F2-3 up	GO:0016094	Metabolism	Metabolism	polyprenol biosynthetic process	P	AT5G58770
37131	7	F23 vs. S23	F2-3 up	GO:0002094	Metabolism	Metabolism	polyprenyltransferase activity	F	AT5G58770
37132	7	F23 vs. S23	F2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT3G52180
37133	7	F23 vs. S23	F2-3 up	GO:0030955	Metabolism	Metabolism	potassium ion binding	F	AT2G36580
37134	7	F23 vs. S23	F2-3 up	GO:0008131	Metabolism	Metabolism	primary amine oxidase activity	F	AT2G42490
37135	7	F23 vs. S23	F2-3 up	GO:0006561	Metabolism	Metabolism	proline biosynthetic process	P	AT3G55610
37136	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G03850
37137	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07370
37138	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07500
37139	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G09250
37140	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G09340
37141	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G13900
37142	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14920
37143	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G15470
37144	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G16720
37145	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17745
37146	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G18740
37147	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19180
37148	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20620
37149	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20630
37150	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20850
37151	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G23380
37152	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28270
37153	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28480
37154	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G28490
37155	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G31260
37156	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32060
37157	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32640

37158	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32900
37159	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G35490
37160	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G43700
37161	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G45474
37162	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G47128
37163	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G48490
37164	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G50250
37165	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G50610
37166	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G53310
37167	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G54320
37168	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G55480
37169	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G58290
37170	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G61520
37171	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G63900
37172	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64060
37173	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64190
37174	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G64860
37175	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G65930
37176	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G66200
37177	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G67730
37178	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G69120
37179	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G70310
37180	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G73500
37181	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G74380
37182	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76080
37183	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G77980
37184	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G80840
37185	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G05710
37186	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G07560
37187	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G13570
37188	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G16500
37189	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17990
37190	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G18960
37191	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G20890
37192	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G21480
37193	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G22240
37194	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G24540
37195	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26490
37196	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27050
37197	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G30360
37198	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31500
37199	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G35940
37200	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36460
37201	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36880
37202	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37040
37203	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37180
37204	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38400
37205	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G39770
37206	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40000
37207	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40140
37208	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40750
37209	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40890
37210	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G44500
37211	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46340
37212	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G46600
37213	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G47040

37214	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02230
37215	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02360
37216	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02470
37217	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02800
37218	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G04120
37219	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G05500
37220	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08510
37221	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08730
37222	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G09440
37223	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11410
37224	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G12320
37225	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G12620
37226	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G12690
37227	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13110
37228	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G14770
37229	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G15030
37230	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G15540
37231	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16050
37232	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16800
37233	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G18780
37234	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G19390
37235	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G20190
37236	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G24490
37237	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26030
37238	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26650
37239	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G28007
37240	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G28180
37241	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G44260
37242	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G44680
37243	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45140
37244	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G45780
37245	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G46780
37246	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G48740
37247	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50000
37248	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50060
37249	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50820
37250	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G51860
37251	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G51920
37252	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G52180
37253	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G52850
37254	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56940
37255	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57600
37256	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G61880
37257	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G62410
37258	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G62960
37259	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00360
37260	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G01370
37261	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G01850
37262	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G02500
37263	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G03280
37264	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G04020
37265	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G04770
37266	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G11280
37267	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13010
37268	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13670
37269	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G13930

37270	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G14880
37271	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G15630
37272	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G16520
37273	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20260
37274	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20890
37275	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G22920
37276	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25030
37277	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25100
37278	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25230
37279	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25490
37280	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26080
37281	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27630
37282	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G28490
37283	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G32410
37284	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33010
37285	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33510
37286	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G34710
37287	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35250
37288	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36710
37289	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36810
37290	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37260
37291	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37530
37292	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37930
37293	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39110
37294	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G39800
37295	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G01410
37296	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G01450
37297	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G01520
37298	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G04140
37299	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G05170
37300	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G08640
37301	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09230
37302	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09810
37303	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G10290
37304	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G10960
37305	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G11710
37306	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13150
37307	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13170
37308	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13180
37309	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13490
37310	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13990
37311	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16510
37312	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G17230
37313	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G18600
37314	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G20010
37315	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G20240
37316	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G22250
37317	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G22950
37318	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G24120
37319	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G27150
37320	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G37600
37321	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G40890
37322	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42050
37323	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42800
37324	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G43060
37325	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45130

37326	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45840
37327	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47120
37328	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47910
37329	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G49660
37330	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G49890
37331	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G50800
37332	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G50950
37333	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G53120
37334	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G53890
37335	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G54490
37336	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G56750
37337	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G58430
37338	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G61670
37339	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G63860
37340	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64050
37341	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65720
37342	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67250
37343	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G67300
37344	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00020
37345	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00270
37346	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00280
37347	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00490
37348	7	F23 vs. S23	F2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG00680
37349	7	F23 vs. S23	F2-3 up	GO:0030674	Metabolism	Metabolism	protein binding, bridging	F	AT3G21890
37350	7	F23 vs. S23	F2-3 up	GO:0008022	Metabolism	Metabolism	protein C-terminus binding	F	AT5G58003
37351	7	F23 vs. S23	F2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT4G15630
37352	7	F23 vs. S23	F2-3 up	GO:0019538	Metabolism	Metabolism	protein metabolic process	P	AT5G15450
37353	7	F23 vs. S23	F2-3 up	GO:0043394	Metabolism	Metabolism	proteoglycan binding	F	AT4G19840
37354	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT1G80660
37355	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT2G07560
37356	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT2G18960
37357	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G42640
37358	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G47950
37359	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT3G60330
37360	7	F23 vs. S23	F2-3 up	GO:0120029	Metabolism	Metabolism	proton export across plasma membrane	P	AT5G57350
37361	7	F23 vs. S23	F2-3 up	GO:0009446	Metabolism	Metabolism	putrescine biosynthetic process	P	AT2G27450
37362	7	F23 vs. S23	F2-3 up	GO:0009446	Metabolism	Metabolism	putrescine biosynthetic process	P	AT4G34710
37363	7	F23 vs. S23	F2-3 up	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT2G16500
37364	7	F23 vs. S23	F2-3 up	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT2G27450
37365	7	F23 vs. S23	F2-3 up	GO:0033388	Metabolism	Metabolism	putrescine biosynthetic process from arginine	P	AT4G34710
37366	7	F23 vs. S23	F2-3 up	GO:0036381	Metabolism	Metabolism	pyridoxal 5'-phosphate synthase (glutamine hydrolysing) activity	F	AT5G01410
37367	7	F23 vs. S23	F2-3 up	GO:0042817	Metabolism	Metabolism	pyridoxal metabolic process	P	AT5G49970
37368	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G23310
37369	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G65960
37370	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G70580
37371	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G72330
37372	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G80360
37373	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G80600
37374	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G13810
37375	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G26080
37376	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT2G38400
37377	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT3G48780
37378	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT3G57050
37379	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G11280
37380	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G13930

37381	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G14880
37382	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G28680
37383	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G31990
37384	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G33010
37385	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G35630
37386	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT4G37930
37387	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G36160
37388	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G44720
37389	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G49810
37390	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G53970
37391	7	F23 vs. S23	F2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT5G65720
37392	7	F23 vs. S23	F2-3 up	GO:0042823	Metabolism	Metabolism	pyridoxal phosphate biosynthetic process	P	AT3G16050
37393	7	F23 vs. S23	F2-3 up	GO:0042823	Metabolism	Metabolism	pyridoxal phosphate biosynthetic process	P	AT5G01410
37394	7	F23 vs. S23	F2-3 up	GO:0004733	Metabolism	Metabolism	pyridoxamine-phosphate oxidase activity	F	AT5G49970
37395	7	F23 vs. S23	F2-3 up	GO:0008615	Metabolism	Metabolism	pyridoxine biosynthetic process	P	AT3G16050
37396	7	F23 vs. S23	F2-3 up	GO:0008615	Metabolism	Metabolism	pyridoxine biosynthetic process	P	AT5G01410
37397	7	F23 vs. S23	F2-3 up	GO:0008615	Metabolism	Metabolism	pyridoxine biosynthetic process	P	AT5G49970
37398	7	F23 vs. S23	F2-3 up	GO:0050242	Metabolism	Metabolism	pyruvate, phosphate dikinase activity	F	AT4G15530
37399	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT1G07260
37400	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G31750
37401	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G31790
37402	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G36790
37403	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT2G43820
37404	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT3G21560
37405	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT3G46670
37406	7	F23 vs. S23	F2-3 up	GO:0080043	Metabolism	Metabolism	quercetin 3-O-glucosyltransferase activity	F	AT4G15490
37407	7	F23 vs. S23	F2-3 up	GO:0080046	Metabolism	Metabolism	quercetin 4'-O-glucosyltransferase activity	F	AT2G36790
37408	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G31750
37409	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G31790
37410	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G36790
37411	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT2G43820
37412	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT3G21560
37413	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT3G46670
37414	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT4G15490
37415	7	F23 vs. S23	F2-3 up	GO:0080044	Metabolism	Metabolism	quercetin 7-O-glucosyltransferase activity	F	AT4G34135
37416	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT1G74880
37417	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT2G42490
37418	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT4G23890
37419	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00420
37420	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG00430
37421	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01050
37422	7	F23 vs. S23	F2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01100
37423	7	F23 vs. S23	F2-3 up	GO:0030904	Metabolism	Metabolism	retromer complex	C	AT5G53530
37424	7	F23 vs. S23	F2-3 up	GO:0010395	Metabolism	Metabolism	rhamnogalacturonan I metabolic process	P	AT5G15740
37425	7	F23 vs. S23	F2-3 up	GO:0050255	Metabolism	Metabolism	ribitol 2-dehydrogenase activity	F	AT5G51970
37426	7	F23 vs. S23	F2-3 up	GO:0009231	Metabolism	Metabolism	riboflavin biosynthetic process	P	AT4G11570
37427	7	F23 vs. S23	F2-3 up	GO:0009231	Metabolism	Metabolism	riboflavin biosynthetic process	P	AT4G21470
37428	7	F23 vs. S23	F2-3 up	GO:0009231	Metabolism	Metabolism	riboflavin biosynthetic process	P	AT5G59750
37429	7	F23 vs. S23	F2-3 up	GO:0008531	Metabolism	Metabolism	riboflavin kinase activity	F	AT4G21470
37430	7	F23 vs. S23	F2-3 up	GO:0004753	Metabolism	Metabolism	saccharopine dehydrogenase activity	F	AT4G33150
37431	7	F23 vs. S23	F2-3 up	GO:0006557	Metabolism	Metabolism	S-adenosylmethioninamine biosynthetic process	P	AT3G02470
37432	7	F23 vs. S23	F2-3 up	GO:0006557	Metabolism	Metabolism	S-adenosylmethioninamine biosynthetic process	P	AT5G15950
37433	7	F23 vs. S23	F2-3 up	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT2G36880
37434	7	F23 vs. S23	F2-3 up	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT3G17390
37435	7	F23 vs. S23	F2-3 up	GO:0006556	Metabolism	Metabolism	S-adenosylmethionine biosynthetic process	P	AT4G01850
37436	7	F23 vs. S23	F2-3 up	GO:0033353	Metabolism	Metabolism	S-adenosylmethionine cycle	P	AT3G23810

37437	7	F23 vs. S23	F2-3 up	GO:0046500	Metabolism	Metabolism	S-adenosylmethionine metabolic process	P	AT5G49810
37438	7	F23 vs. S23	F2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT4G35150
37439	7	F23 vs. S23	F2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G49810
37440	7	F23 vs. S23	F2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT5G55250
37441	7	F23 vs. S23	F2-3 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT1G61820
37442	7	F23 vs. S23	F2-3 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT2G44450
37443	7	F23 vs. S23	F2-3 up	GO:0102483	Metabolism	Metabolism	scopolin beta-glucosidase activity	F	AT3G18080
37444	7	F23 vs. S23	F2-3 up	GO:0004801	Metabolism	Metabolism	sedoheptulose-7-phosphate:D-glyceraldehyde-3-phosphate glyceronetransferase activity	F	AT1G12230
37445	7	F23 vs. S23	F2-3 up	GO:0004801	Metabolism	Metabolism	sedoheptulose-7-phosphate:D-glyceraldehyde-3-phosphate glyceronetransferase activity	F	AT5G13420
37446	7	F23 vs. S23	F2-3 up	GO:0050278	Metabolism	Metabolism	sedoheptulose-bisphosphatase activity	F	AT3G55800
37447	7	F23 vs. S23	F2-3 up	GO:0008430	Metabolism	Metabolism	selenium binding	F	AT4G14040
37448	7	F23 vs. S23	F2-3 up	GO:0001887	Metabolism	Metabolism	selenium compound metabolic process	P	AT3G22890
37449	7	F23 vs. S23	F2-3 up	GO:0001887	Metabolism	Metabolism	selenium compound metabolic process	P	AT5G49810
37450	7	F23 vs. S23	F2-3 up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT2G19770
37451	7	F23 vs. S23	F2-3 up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT4G29340
37452	7	F23 vs. S23	F2-3 up	GO:0070905	Metabolism	Metabolism	serine binding	F	AT4G13930
37453	7	F23 vs. S23	F2-3 up	GO:0070905	Metabolism	Metabolism	serine binding	F	AT4G37930
37454	7	F23 vs. S23	F2-3 up	GO:0004758	Metabolism	Metabolism	serine C-palmitoyltransferase activity	F	AT3G48780
37455	7	F23 vs. S23	F2-3 up	GO:0009001	Metabolism	Metabolism	serine O-acetyltransferase activity	F	AT3G13110
37456	7	F23 vs. S23	F2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT4G36190
37457	7	F23 vs. S23	F2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT5G65760
37458	7	F23 vs. S23	F2-3 up	GO:0016987	Metabolism	Metabolism	sigma factor activity	F	AT1G64860
37459	7	F23 vs. S23	F2-3 up	GO:0016987	Metabolism	Metabolism	sigma factor activity	F	AT5G24120
37460	7	F23 vs. S23	F2-3 up	GO:0050284	Metabolism	Metabolism	sinapate 1-glucosyltransferase activity	F	AT3G21560
37461	7	F23 vs. S23	F2-3 up	GO:0050284	Metabolism	Metabolism	sinapate 1-glucosyltransferase activity	F	AT4G15490
37462	7	F23 vs. S23	F2-3 up	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT2G34790
37463	7	F23 vs. S23	F2-3 up	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT4G34230
37464	7	F23 vs. S23	F2-3 up	GO:0052747	Metabolism	Metabolism	sinapyl alcohol dehydrogenase activity	F	AT4G37990
37465	7	F23 vs. S23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT1G70310
37466	7	F23 vs. S23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT2G16500
37467	7	F23 vs. S23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT3G02470
37468	7	F23 vs. S23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT4G34710
37469	7	F23 vs. S23	F2-3 up	GO:0008295	Metabolism	Metabolism	spermidine biosynthetic process	P	AT5G15950
37470	7	F23 vs. S23	F2-3 up	GO:0004766	Metabolism	Metabolism	spermidine synthase activity	F	AT1G70310
37471	7	F23 vs. S23	F2-3 up	GO:0004766	Metabolism	Metabolism	spermidine synthase activity	F	AT5G53120
37472	7	F23 vs. S23	F2-3 up	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT3G02470
37473	7	F23 vs. S23	F2-3 up	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT5G15950
37474	7	F23 vs. S23	F2-3 up	GO:0006597	Metabolism	Metabolism	spermine biosynthetic process	P	AT5G53120
37475	7	F23 vs. S23	F2-3 up	GO:0016768	Metabolism	Metabolism	spermine synthase activity	F	AT5G53120
37476	7	F23 vs. S23	F2-3 up	GO:0052901	Metabolism	Metabolism	spermine:oxygen oxidoreductase (spermidine-forming) activity	F	AT1G65840
37477	7	F23 vs. S23	F2-3 up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT2G37940
37478	7	F23 vs. S23	F2-3 up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT2G46210
37479	7	F23 vs. S23	F2-3 up	GO:0030148	Metabolism	Metabolism	sphingolipid biosynthetic process	P	AT3G48780
37480	7	F23 vs. S23	F2-3 up	GO:0052631	Metabolism	Metabolism	sphingolipid delta-8 desaturase activity	F	AT2G46210
37481	7	F23 vs. S23	F2-3 up	GO:0033188	Metabolism	Metabolism	sphingomyelin synthase activity	F	AT2G37940
37482	7	F23 vs. S23	F2-3 up	GO:0004506	Metabolism	Metabolism	squalene monooxygenase activity	F	AT4G37760
37483	7	F23 vs. S23	F2-3 up	GO:0051996	Metabolism	Metabolism	squalene synthase activity	F	AT5G17230
37484	7	F23 vs. S23	F2-3 up	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT3G27380
37485	7	F23 vs. S23	F2-3 up	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT5G40650
37486	7	F23 vs. S23	F2-3 up	GO:0000104	Metabolism	Metabolism	succinate dehydrogenase activity	F	AT5G66760

37487	7	F23 vs. S23	F2-3 up	GO:0006105	Metabolism	Metabolism	succinate metabolic process	P	AT5G23250
37488	7	F23 vs. S23	F2-3 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT1G51420
37489	7	F23 vs. S23	F2-3 up	GO:0050307	Metabolism	Metabolism	sucrose-phosphate phosphatase activity	F	AT2G35840
37490	7	F23 vs. S23	F2-3 up	GO:0004781	Metabolism	Metabolism	sulfate adenylyltransferase (ATP) activity	F	AT3G22890
37491	7	F23 vs. S23	F2-3 up	GO:0019419	Metabolism	Metabolism	sulfate reduction	P	AT4G21990
37492	7	F23 vs. S23	F2-3 up	GO:0046506	Metabolism	Metabolism	sulfolipid biosynthetic process	P	AT5G01220
37493	7	F23 vs. S23	F2-3 up	GO:0000096	Metabolism	Metabolism	sulfur amino acid metabolic process	P	AT4G34200
37494	7	F23 vs. S23	F2-3 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT4G13930
37495	7	F23 vs. S23	F2-3 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT4G37930
37496	7	F23 vs. S23	F2-3 up	GO:0046653	Metabolism	Metabolism	tetrahydrofolate metabolic process	P	AT4G13930
37497	7	F23 vs. S23	F2-3 up	GO:0046653	Metabolism	Metabolism	tetrahydrofolate metabolic process	P	AT4G37930
37498	7	F23 vs. S23	F2-3 up	GO:0009228	Metabolism	Metabolism	thiamine biosynthetic process	P	AT2G29630
37499	7	F23 vs. S23	F2-3 up	GO:0009228	Metabolism	Metabolism	thiamine biosynthetic process	P	AT5G54770
37500	7	F23 vs. S23	F2-3 up	GO:0009229	Metabolism	Metabolism	thiamine diphosphate biosynthetic process	P	AT2G29630
37501	7	F23 vs. S23	F2-3 up	GO:0019137	Metabolism	Metabolism	thioglucosidase activity	F	AT5G25980
37502	7	F23 vs. S23	F2-3 up	GO:0018708	Metabolism	Metabolism	thiol S-methyltransferase activity	F	AT2G43920
37503	7	F23 vs. S23	F2-3 up	GO:0004791	Metabolism	Metabolism	thioredoxin-disulfide reductase activity	F	AT2G17420
37504	7	F23 vs. S23	F2-3 up	GO:0004791	Metabolism	Metabolism	thioredoxin-disulfide reductase activity	F	AT3G24170
37505	7	F23 vs. S23	F2-3 up	GO:0004791	Metabolism	Metabolism	thioredoxin-disulfide reductase activity	F	AT3G54660
37506	7	F23 vs. S23	F2-3 up	GO:0004793	Metabolism	Metabolism	threonine aldolase activity	F	AT3G04520
37507	7	F23 vs. S23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G11860
37508	7	F23 vs. S23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G34040
37509	7	F23 vs. S23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT1G80360
37510	7	F23 vs. S23	F2-3 up	GO:0008483	Metabolism	Metabolism	transaminase activity	F	AT2G13810
37511	7	F23 vs. S23	F2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G64980
37512	7	F23 vs. S23	F2-3 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G51260
37513	7	F23 vs. S23	F2-3 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G75880
37514	7	F23 vs. S23	F2-3 up	GO:0016746	Metabolism	Metabolism	transferase activity, transferring acyl groups	F	AT1G75900
37515	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G03495
37516	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT1G28680
37517	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT2G40230
37518	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT4G13840
37519	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT4G24510
37520	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT5G67150
37521	7	F23 vs. S23	F2-3 up	GO:0016747	Metabolism	Metabolism	transferase activity, transferring acyl groups other than amino-acyl groups	F	AT5G67160
37522	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G07260
37523	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G07850
37524	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G32900
37525	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G55850
37526	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G74380
37527	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G17350
37528	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G18570
37529	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G31750
37530	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G31790
37531	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G32530
37532	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G33100
37533	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G36790
37534	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G41640
37535	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G43820

37536	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G44500
37537	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G01180
37538	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G06260
37539	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G06510
37540	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G21760
37541	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G25140
37542	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G28180
37543	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G46670
37544	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G01070
37545	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G02500
37546	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G10120
37547	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G13990
37548	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G15490
37549	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G16590
37550	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G32290
37551	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G32410
37552	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G39350
37553	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G01220
37554	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G03490
37555	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G04500
37556	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G05170
37557	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G15470
37558	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G15740
37559	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G20410
37560	7	F23 vs. S23	F2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G54060
37561	7	F23 vs. S23	F2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT2G18570
37562	7	F23 vs. S23	F2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT3G21760
37563	7	F23 vs. S23	F2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT5G54060
37564	7	F23 vs. S23	F2-3 up	GO:0019985	Metabolism	Metabolism	translesion synthesis	P	AT1G07370
37565	7	F23 vs. S23	F2-3 up	GO:0050347	Metabolism	Metabolism	trans-octaprenyltranstransferase activity	F	AT1G17050
37566	7	F23 vs. S23	F2-3 up	GO:0019346	Metabolism	Metabolism	transsulfuration	P	AT3G57050
37567	7	F23 vs. S23	F2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT5G37300
37568	7	F23 vs. S23	F2-3 up	GO:0006641	Metabolism	Metabolism	triglyceride metabolic process	P	AT1G80460
37569	7	F23 vs. S23	F2-3 up	GO:0004807	Metabolism	Metabolism	triose-phosphate isomerase activity	F	AT3G55440
37570	7	F23 vs. S23	F2-3 up	GO:0016104	Metabolism	Metabolism	triterpenoid biosynthetic process	P	AT2G17370
37571	7	F23 vs. S23	F2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT5G05730
37572	7	F23 vs. S23	F2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT5G17990
37573	7	F23 vs. S23	F2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT5G54810
37574	7	F23 vs. S23	F2-3 up	GO:0006568	Metabolism	Metabolism	tryptophan metabolic process	P	AT1G32640
37575	7	F23 vs. S23	F2-3 up	GO:0006568	Metabolism	Metabolism	tryptophan metabolic process	P	AT1G80360
37576	7	F23 vs. S23	F2-3 up	GO:0004834	Metabolism	Metabolism	tryptophan synthase activity	F	AT5G54810
37577	7	F23 vs. S23	F2-3 up	GO:0045298	Metabolism	Metabolism	tubulin complex	C	AT4G20890
37578	7	F23 vs. S23	F2-3 up	GO:1901695	Metabolism	Metabolism	tyramine biosynthetic process	P	AT4G28680
37579	7	F23 vs. S23	F2-3 up	GO:0004837	Metabolism	Metabolism	tyrosine decarboxylase activity	F	AT4G28680
37580	7	F23 vs. S23	F2-3 up	GO:0006570	Metabolism	Metabolism	tyrosine metabolic process	P	AT1G80360
37581	7	F23 vs. S23	F2-3 up	GO:0010489	Metabolism	Metabolism	UDP-4-keto-6-deoxy-glucose-3,5-epimerase activity	F	AT1G53500
37582	7	F23 vs. S23	F2-3 up	GO:0010490	Metabolism	Metabolism	UDP-4-keto-rhamnose-4-keto-reductase activity	F	AT1G53500
37583	7	F23 vs. S23	F2-3 up	GO:0052691	Metabolism	Metabolism	UDP-arabinopyranose mutase activity	F	AT3G02230
37584	7	F23 vs. S23	F2-3 up	GO:0052691	Metabolism	Metabolism	UDP-arabinopyranose mutase activity	F	AT5G16510
37585	7	F23 vs. S23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT1G12780
37586	7	F23 vs. S23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT1G30620
37587	7	F23 vs. S23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT1G63180
37588	7	F23 vs. S23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT2G34850
37589	7	F23 vs. S23	F2-3 up	GO:0050373	Metabolism	Metabolism	UDP-arabinose 4-epimerase activity	F	AT4G20460
37590	7	F23 vs. S23	F2-3 up	GO:0033320	Metabolism	Metabolism	UDP-D-xylose biosynthetic process	P	AT5G59290
37591	7	F23 vs. S23	F2-3 up	GO:0035250	Metabolism	Metabolism	UDP-galactosyltransferase activity	F	AT5G20410

37592	7	F23 vs. S23	F2-3 up	GO:0050377	Metabolism	Metabolism	UDP-glucose 4,6-dehydratase activity	F	AT1G53500
37593	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT1G09340
37594	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT1G12780
37595	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT1G30620
37596	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT1G63180
37597	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT2G34850
37598	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT4G20460
37599	7	F23 vs. S23	F2-3 up	GO:0003978	Metabolism	Metabolism	UDP-glucose 4-epimerase activity	F	AT4G23920
37600	7	F23 vs. S23	F2-3 up	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT3G29360
37601	7	F23 vs. S23	F2-3 up	GO:0003979	Metabolism	Metabolism	UDP-glucose 6-dehydrogenase activity	F	AT5G39320
37602	7	F23 vs. S23	F2-3 up	GO:0006011	Metabolism	Metabolism	UDP-glucose metabolic process	P	AT3G03250
37603	7	F23 vs. S23	F2-3 up	GO:0080002	Metabolism	Metabolism	UDP-glucose:4-aminobenzoate acylglucosyltransferase activity	F	AT2G43820
37604	7	F23 vs. S23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT2G36790
37605	7	F23 vs. S23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT2G43820
37606	7	F23 vs. S23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT4G01070
37607	7	F23 vs. S23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT4G34135
37608	7	F23 vs. S23	F2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT5G03490
37609	7	F23 vs. S23	F2-3 up	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT3G29360
37610	7	F23 vs. S23	F2-3 up	GO:0006065	Metabolism	Metabolism	UDP-glucuronate biosynthetic process	P	AT5G39320
37611	7	F23 vs. S23	F2-3 up	GO:0048040	Metabolism	Metabolism	UDP-glucuronate decarboxylase activity	F	AT2G27860
37612	7	F23 vs. S23	F2-3 up	GO:0048040	Metabolism	Metabolism	UDP-glucuronate decarboxylase activity	F	AT5G59290
37613	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT1G07260
37614	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G18570
37615	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G31750
37616	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G31790
37617	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G36790
37618	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G43820
37619	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G21560
37620	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G21760
37621	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT3G46670
37622	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G01070
37623	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G15490
37624	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT4G34135
37625	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT5G01220
37626	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT5G03490
37627	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT5G15740
37628	7	F23 vs. S23	F2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT5G54060
37629	7	F23 vs. S23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT1G12780
37630	7	F23 vs. S23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT1G30620
37631	7	F23 vs. S23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT1G63180
37632	7	F23 vs. S23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT2G34850
37633	7	F23 vs. S23	F2-3 up	GO:0033358	Metabolism	Metabolism	UDP-L-arabinose biosynthetic process	P	AT4G20460
37634	7	F23 vs. S23	F2-3 up	GO:0033356	Metabolism	Metabolism	UDP-L-arabinose metabolic process	P	AT3G02230
37635	7	F23 vs. S23	F2-3 up	GO:0033356	Metabolism	Metabolism	UDP-L-arabinose metabolic process	P	AT5G16510
37636	7	F23 vs. S23	F2-3 up	GO:0010280	Metabolism	Metabolism	UDP-L-rhamnose synthase activity	F	AT1G53500
37637	7	F23 vs. S23	F2-3 up	GO:0010253	Metabolism	Metabolism	UDP-rhamnose biosynthetic process	P	AT1G53500
37638	7	F23 vs. S23	F2-3 up	GO:0046510	Metabolism	Metabolism	UDP-sulfoquinovose:DAG sulfoquinovosyltransferase activity	F	AT5G01220
37639	7	F23 vs. S23	F2-3 up	GO:0035252	Metabolism	Metabolism	UDP-xylosyltransferase activity	F	AT4G02500
37640	7	F23 vs. S23	F2-3 up	GO:0035252	Metabolism	Metabolism	UDP-xylosyltransferase activity	F	AT5G54060
37641	7	F23 vs. S23	F2-3 up	GO:0002058	Metabolism	Metabolism	uracil binding	F	AT3G17810
37642	7	F23 vs. S23	F2-3 up	GO:0003983	Metabolism	Metabolism	UTP:glucose-1-phosphate uridylyltransferase activity	F	AT3G03250
37643	7	F23 vs. S23	F2-3 up	GO:0006624	Metabolism	Metabolism	vacuolar protein processing	P	AT2G25940
37644	7	F23 vs. S23	F2-3 up	GO:0006624	Metabolism	Metabolism	vacuolar protein processing	P	AT3G20210

37645	7	F23 vs. S23	F2-3 up	GO:0006624	Metabolism	Metabolism	vacuolar protein processing	P	AT4G32940
37646	7	F23 vs. S23	F2-3 up	GO:0010209	Metabolism	Metabolism	vacuolar sorting signal binding	F	AT3G52850
37647	7	F23 vs. S23	F2-3 up	GO:0042819	Metabolism	Metabolism	vitamin B6 biosynthetic process	P	AT5G01410
37648	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G01120
37649	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G02205
37650	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G14790
37651	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT1G68530
37652	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT4G13840
37653	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT4G24510
37654	7	F23 vs. S23	F2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT5G37300
37655	7	F23 vs. S23	F2-3 up	GO:0006805	Metabolism	Metabolism	xenobiotic metabolic process	P	AT4G01070
37656	7	F23 vs. S23	F2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT5G13180
37657	7	F23 vs. S23	F2-3 up	GO:0033843	Metabolism	Metabolism	xyloglucan 6-xylosyltransferase activity	F	AT1G74380
37658	7	F23 vs. S23	F2-3 up	GO:0033843	Metabolism	Metabolism	xyloglucan 6-xylosyltransferase activity	F	AT4G02500
37659	7	F23 vs. S23	F2-3 up	GO:0009969	Metabolism	Metabolism	xyloglucan biosynthetic process	P	AT1G74380
37660	7	F23 vs. S23	F2-3 up	GO:0009969	Metabolism	Metabolism	xyloglucan biosynthetic process	P	AT4G02500
37661	7	F23 vs. S23	F2-3 up	GO:0009969	Metabolism	Metabolism	xyloglucan biosynthetic process	P	AT5G62220
37662	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT1G74380
37663	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT2G01850
37664	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G28150
37665	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G44990
37666	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT4G02500
37667	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT4G30270
37668	7	F23 vs. S23	F2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT5G57560
37669	7	F23 vs. S23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT2G01850
37670	7	F23 vs. S23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G44990
37671	7	F23 vs. S23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT4G30270
37672	7	F23 vs. S23	F2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT5G57560
37673	7	F23 vs. S23	F2-3 up	GO:0033946	Metabolism	Metabolism	xyloglucan-specific endo-beta-1,4-glucanase activity	F	AT3G44990
37674	7	F23 vs. S23	F2-3 up	GO:0009045	Metabolism	Metabolism	xylose isomerase activity	F	AT5G57655
37675	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G06430
37676	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G12230
37677	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G23740
37678	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G48030
37679	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G49670
37680	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G54280
37681	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G58180
37682	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G59970
37683	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G19570
37684	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G45530
37685	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G01500
37686	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02570
37687	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G03780
37688	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G13110
37689	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G27380
37690	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G46790
37691	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G52300
37692	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G52720
37693	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G13930
37694	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G15093
37695	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G33090
37696	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G34030
37697	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G34230
37698	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G35260
37699	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G37930

37700	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G37990
37701	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G03290
37702	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G04180
37703	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G04710
37704	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G14740
37705	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G20980
37706	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G24760
37707	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G40650
37708	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G51970
37709	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G54770
37710	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G64050
37711	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G65720
37712	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	ATCG00120
37713	7	F23 vs. S23	F2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	ATCG00480
37714	7	F23 vs. S23	F2-3 up	GO:0009882	Metabolism	Photosynthesis	blue light photoreceptor activity	F	AT3G45780
37715	7	F23 vs. S23	F2-3 up	GO:0015977	Metabolism	Photosynthesis	carbon fixation	P	AT1G53310
37716	7	F23 vs. S23	F2-3 up	GO:0015977	Metabolism	Photosynthesis	carbon fixation	P	AT3G14940
37717	7	F23 vs. S23	F2-3 up	GO:0015977	Metabolism	Photosynthesis	carbon fixation	P	ATCG00490
37718	7	F23 vs. S23	F2-3 up	GO:0016120	Metabolism	Photosynthesis	carotene biosynthetic process	P	AT5G61670
37719	7	F23 vs. S23	F2-3 up	GO:0016117	Metabolism	Photosynthesis	carotenoid biosynthetic process	P	AT4G36810
37720	7	F23 vs. S23	F2-3 up	GO:0016117	Metabolism	Photosynthesis	carotenoid biosynthetic process	P	AT5G17230
37721	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G15820
37722	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G19150
37723	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G29930
37724	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G44575
37725	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G45474
37726	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT1G61520
37727	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT2G05100
37728	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT2G40100
37729	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT3G47470
37730	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	AT5G01530
37731	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00020
37732	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00280
37733	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00340
37734	7	F23 vs. S23	F2-3 up	GO:0016168	Metabolism	Photosynthesis	chlorophyll binding	F	ATCG00680
37735	7	F23 vs. S23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT1G58290
37736	7	F23 vs. S23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT3G02780
37737	7	F23 vs. S23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT3G51820
37738	7	F23 vs. S23	F2-3 up	GO:0015995	Metabolism	Photosynthesis	chlorophyll biosynthetic process	P	AT3G56940
37739	7	F23 vs. S23	F2-3 up	GO:0015994	Metabolism	Photosynthesis	chlorophyll metabolic process	P	AT5G01410
37740	7	F23 vs. S23	F2-3 up	GO:0046408	Metabolism	Photosynthesis	chlorophyll synthetase activity	F	AT3G51820
37741	7	F23 vs. S23	F2-3 up	GO:0010277	Metabolism	Photosynthesis	chlorophyllide a oxygenase [overall] activity	F	AT2G24820
37742	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G01610
37743	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G01980
37744	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G03030
37745	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G04420
37746	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G06430
37747	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G07040
37748	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G07720
37749	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G08510
37750	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G09340
37751	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G09780
37752	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G10960
37753	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11840
37754	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11860
37755	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12230

37756	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12250
37757	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G12800
37758	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G13270
37759	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G13900
37760	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G14560
37761	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G15500
37762	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G15820
37763	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G15980
37764	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16410
37765	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16720
37766	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16880
37767	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17050
37768	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17220
37769	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G17745
37770	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G18720
37771	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G19150
37772	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20020
37773	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20560
37774	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20620
37775	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20850
37776	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G22410
37777	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23310
37778	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G23740
37779	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G24360
37780	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29340
37781	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29930
37782	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31130
37783	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31260
37784	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32060
37785	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32080
37786	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G32900
37787	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G34040
37788	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G42970
37789	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G44575
37790	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G44820
37791	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G45474
37792	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G47280
37793	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G48490
37794	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50250
37795	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50310
37796	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51110
37797	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51260
37798	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G52580
37799	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53000
37800	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53280
37801	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53310
37802	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53500
37803	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54100
37804	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G55480
37805	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G56500
37806	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58180
37807	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58290
37808	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G58430
37809	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G61520
37810	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G61890
37811	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G62750

37812	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G63900
37813	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G63940
37814	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64190
37815	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64770
37816	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64860
37817	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G64980
37818	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G65410
37819	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G65930
37820	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67280
37821	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G67730
37822	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G68010
37823	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70480
37824	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70580
37825	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70610
37826	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G71500
37827	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G72520
37828	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74880
37829	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G76080
37830	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G77090
37831	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78370
37832	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78380
37833	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G78900
37834	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G79440
37835	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80030
37836	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80380
37837	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80600
37838	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01290
37839	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G02810
37840	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G05100
37841	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G05710
37842	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G13680
37843	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G13810
37844	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G14750
37845	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G15620
37846	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G16500
37847	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G16660
37848	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17420
37849	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17630
37850	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18400
37851	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G18570
37852	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G19580
37853	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20010
37854	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20860
37855	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20890
37856	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G21280
37857	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G21330
37858	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G22780
37859	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24180
37860	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24270
37861	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24450
37862	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G24820
37863	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G25530
37864	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26080
37865	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26690
37866	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G27290
37867	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28305

37868	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G29630
37869	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G30020
37870	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31390
37871	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31750
37872	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31790
37873	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G33150
37874	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G34460
37875	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G34790
37876	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G35490
37877	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G35660
37878	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36580
37879	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G36790
37880	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37240
37881	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37770
37882	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37860
37883	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38400
37884	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38500
37885	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38750
37886	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39080
37887	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39210
37888	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39470
37889	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G39730
37890	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G40100
37891	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G40290
37892	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G42490
37893	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G42750
37894	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G45990
37895	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G46500
37896	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G46820
37897	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47050
37898	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47730
37899	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G47910
37900	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G48060
37901	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01060
37902	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01180
37903	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01500
37904	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02750
37905	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02780
37906	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02970
37907	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03420
37908	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03640
37909	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03780
37910	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04120
37911	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04790
37912	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06170
37913	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06260
37914	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06510
37915	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06980
37916	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G09440
37917	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G09810
37918	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G10420
37919	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G10570
37920	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G11050
37921	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G12580
37922	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G12780
37923	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G13110

37924	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14050
37925	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14420
37926	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G14940
37927	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15090
37928	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15360
37929	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G16170
37930	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17630
37931	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17800
37932	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17810
37933	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G17930
37934	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G18080
37935	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G19400
37936	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G19990
37937	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G21230
37938	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G21250
37939	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22840
37940	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22890
37941	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23920
37942	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G24190
37943	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G24530
37944	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25290
37945	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25690
37946	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25760
37947	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26650
37948	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G28750
37949	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G29240
37950	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45140
37951	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45870
37952	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G46780
37953	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G46790
37954	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G47470
37955	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48000
37956	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48420
37957	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48460
37958	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48740
37959	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G48780
37960	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G50820
37961	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G51820
37962	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G51840
37963	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G52180
37964	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G52300
37965	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G52880
37966	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54050
37967	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54660
37968	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G54690
37969	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55440
37970	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55610
37971	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55640
37972	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55800
37973	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56240
37974	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56940
37975	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57010
37976	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57020
37977	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57050
37978	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G57330
37979	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G60800

37980	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G62410
37981	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G00350
37982	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01070
37983	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01470
37984	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02380
37985	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G03280
37986	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G04020
37987	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G04770
37988	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11030
37989	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11570
37990	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G11960
37991	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G12030
37992	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13010
37993	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13360
37994	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13670
37995	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14040
37996	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14690
37997	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14880
37998	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15530
37999	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17486
38000	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17550
38001	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20150
38002	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20760
38003	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G20890
38004	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G21470
38005	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G21990
38006	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G23100
38007	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G23890
38008	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24160
38009	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24380
38010	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24640
38011	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25030
38012	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25100
38013	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25150
38014	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25640
38015	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G25720
38016	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G26970
38017	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G27030
38018	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G27630
38019	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G28780
38020	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G29270
38021	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G29490
38022	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G30910
38023	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G31990
38024	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G32320
38025	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G33010
38026	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G33510
38027	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34200
38028	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34710
38029	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34720
38030	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34950
38031	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34960
38032	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G35250
38033	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G35260
38034	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G35630
38035	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G35985

38036	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36490
38037	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36810
38038	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38740
38039	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38970
38040	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39030
38041	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39110
38042	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G39940
38043	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01220
38044	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01530
38045	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01600
38046	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G03880
38047	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04140
38048	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04660
38049	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G04710
38050	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05200
38051	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05730
38052	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G07550
38053	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09660
38054	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11650
38055	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11670
38056	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G12010
38057	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13100
38058	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13410
38059	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13420
38060	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13650
38061	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14040
38062	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14200
38063	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14740
38064	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15390
38065	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15450
38066	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15470
38067	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16010
38068	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G17230
38069	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G17670
38070	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G17990
38071	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19220
38072	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G19460
38073	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G20980
38074	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22460
38075	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23060
38076	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23120
38077	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24120
38078	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24690
38079	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24760
38080	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G24780
38081	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25120
38082	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25980
38083	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G26600
38084	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G28500
38085	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G30510
38086	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G35630
38087	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G35970
38088	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G36880
38089	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G38420
38090	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G38660
38091	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42090

38092	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42270
38093	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42650
38094	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G43260
38095	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45840
38096	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45890
38097	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G46800
38098	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G47620
38099	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G48270
38100	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G48330
38101	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G49970
38102	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50030
38103	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50950
38104	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G51710
38105	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G51720
38106	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53530
38107	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53820
38108	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G53890
38109	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G54060
38110	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G54770
38111	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G54810
38112	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G57350
38113	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G57560
38114	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58050
38115	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58330
38116	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58770
38117	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G59250
38118	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G59750
38119	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61410
38120	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61530
38121	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61670
38122	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61700
38123	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61820
38124	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G62790
38125	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64040
38126	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64050
38127	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64290
38128	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64840
38129	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64940
38130	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65140
38131	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65720
38132	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65760
38133	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G66420
38134	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G66650
38135	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G67370
38136	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00020
38137	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00120
38138	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00140
38139	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00160
38140	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00210
38141	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00270
38142	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00280
38143	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00340
38144	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00420
38145	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00430
38146	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00480
38147	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00490

38148	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00520
38149	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00530
38150	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00560
38151	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00680
38152	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00720
38153	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01050
38154	7	F23 vs. S23	F2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01100
38155	7	F23 vs. S23	F2-3 up	GO:0009904	Metabolism	Photosynthesis	chloroplast accumulation movement	P	AT3G45780
38156	7	F23 vs. S23	F2-3 up	GO:0009544	Metabolism	Photosynthesis	chloroplast ATP synthase complex	C	ATCG00120
38157	7	F23 vs. S23	F2-3 up	GO:0009544	Metabolism	Photosynthesis	chloroplast ATP synthase complex	C	ATCG00480
38158	7	F23 vs. S23	F2-3 up	GO:0009903	Metabolism	Photosynthesis	chloroplast avoidance movement	P	AT3G45780
38159	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G04420
38160	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G06430
38161	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G09340
38162	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11840
38163	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11860
38164	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G12230
38165	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G13900
38166	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G15500
38167	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G15820
38168	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G16720
38169	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G16880
38170	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G17220
38171	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G20620
38172	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G20630
38173	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G23740
38174	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G24360
38175	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G29930
38176	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G32060
38177	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G32080
38178	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G42970
38179	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G48460
38180	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G50250
38181	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G51110
38182	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G55480
38183	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G62750
38184	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G63900
38185	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G66200
38186	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G70610
38187	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G71500
38188	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G76080
38189	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G78900
38190	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G80030
38191	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G80380
38192	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G05100
38193	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G20890
38194	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G21280
38195	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G21330
38196	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G24820
38197	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G26080
38198	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G33210
38199	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G34460
38200	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G37860
38201	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G39730
38202	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G40100
38203	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G46820

38204	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G47730
38205	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G01500
38206	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G03780
38207	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G04790
38208	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G06510
38209	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G12780
38210	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G15360
38211	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G25760
38212	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G26650
38213	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G45140
38214	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G46520
38215	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G46780
38216	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G47470
38217	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G48420
38218	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G55800
38219	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G56940
38220	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G03280
38221	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G13010
38222	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G13670
38223	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G25100
38224	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G31990
38225	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G33010
38226	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G38510
38227	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G38970
38228	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G39030
38229	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G01220
38230	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G01530
38231	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G03880
38232	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G04140
38233	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G08690
38234	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09660
38235	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G09810
38236	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G13490
38237	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G14740
38238	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16010
38239	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G17670
38240	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G17990
38241	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G19220
38242	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G23120
38243	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G24690
38244	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G35630
38245	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G35970
38246	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G38420
38247	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G38660
38248	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G42270
38249	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G42650
38250	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G54770
38251	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G58330
38252	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G59250
38253	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G61410
38254	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G64290
38255	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G64940
38256	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00340
38257	7	F23 vs. S23	F2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00490
38258	7	F23 vs. S23	F2-3 up	GO:0010020	Metabolism	Photosynthesis	chloroplast fission	P	AT2G21280
38259	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G32080

38260	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT2G21280
38261	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT2G24820
38262	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT2G37860
38263	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT3G56940
38264	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT4G13010
38265	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G24690
38266	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G64280
38267	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G64290
38268	7	F23 vs. S23	F2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	ATCG00530
38269	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G15500
38270	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G16720
38271	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G42970
38272	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G55480
38273	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G58290
38274	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G61800
38275	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G64150
38276	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G70610
38277	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT3G26650
38278	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT3G51820
38279	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G25100
38280	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G27030
38281	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT4G39030
38282	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G01220
38283	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G17230
38284	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G59250
38285	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G61670
38286	7	F23 vs. S23	F2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT5G64940
38287	7	F23 vs. S23	F2-3 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT3G46780
38288	7	F23 vs. S23	F2-3 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT4G13670
38289	7	F23 vs. S23	F2-3 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT4G25100
38290	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G09340
38291	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G32080
38292	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G44000
38293	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G62750
38294	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G63900
38295	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G37860
38296	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G46340
38297	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G56940
38298	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT4G13670
38299	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G15450
38300	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G24120
38301	7	F23 vs. S23	F2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G64050
38302	7	F23 vs. S23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT1G63900
38303	7	F23 vs. S23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT1G70480
38304	7	F23 vs. S23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT2G20890
38305	7	F23 vs. S23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G06510
38306	7	F23 vs. S23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G25690
38307	7	F23 vs. S23	F2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT5G20410
38308	7	F23 vs. S23	F2-3 up	GO:0030093	Metabolism	Photosynthesis	chloroplast photosystem I	C	AT2G46820
38309	7	F23 vs. S23	F2-3 up	GO:0030093	Metabolism	Photosynthesis	chloroplast photosystem I	C	AT5G64040
38310	7	F23 vs. S23	F2-3 up	GO:0009902	Metabolism	Photosynthesis	chloroplast relocation	P	AT1G64500
38311	7	F23 vs. S23	F2-3 up	GO:0009902	Metabolism	Photosynthesis	chloroplast relocation	P	AT3G25690
38312	7	F23 vs. S23	F2-3 up	GO:0031425	Metabolism	Photosynthesis	chloroplast RNA processing	P	AT3G46790
38313	7	F23 vs. S23	F2-3 up	GO:0031425	Metabolism	Photosynthesis	chloroplast RNA processing	P	AT5G13650
38314	7	F23 vs. S23	F2-3 up	GO:1901259	Metabolism	Photosynthesis	chloroplast rRNA processing	P	AT1G12800
38315	7	F23 vs. S23	F2-3 up	GO:0009569	Metabolism	Photosynthesis	chloroplast starch grain	C	AT1G32900

38316	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G04420
38317	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G09340
38318	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G10960
38319	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G11860
38320	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G12230
38321	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G16720
38322	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G16880
38323	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G17050
38324	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G17220
38325	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G17745
38326	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G20020
38327	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G20620
38328	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G23740
38329	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G24360
38330	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G32060
38331	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G42970
38332	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G53280
38333	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G55480
38334	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G56500
38335	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G62750
38336	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G63940
38337	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G64190
38338	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G65410
38339	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G65930
38340	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G66200
38341	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G67280
38342	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G70580
38343	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G76080
38344	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G77090
38345	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G78380
38346	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G79440
38347	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G80380
38348	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G80600
38349	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G05710
38350	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G15620
38351	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G17630
38352	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G20890
38353	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G21330
38354	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G29630
38355	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G33210
38356	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G39080
38357	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G39730
38358	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G45990
38359	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G47730
38360	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G47910
38361	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G01500
38362	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G02360
38363	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G04790
38364	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G12780
38365	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G14420
38366	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G15360
38367	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G17810
38368	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G19990
38369	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G22890
38370	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G26650
38371	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G45140

38372	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G46520
38373	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G48420
38374	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G50820
38375	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G52180
38376	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G52720
38377	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54050
38378	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G54660
38379	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55440
38380	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55800
38381	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G57050
38382	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G62410
38383	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G04020
38384	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G04770
38385	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G14880
38386	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G15530
38387	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G23100
38388	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G25100
38389	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G30910
38390	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G31990
38391	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G33010
38392	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G34200
38393	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G35250
38394	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G35630
38395	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G37930
38396	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G38970
38397	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G01600
38398	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04140
38399	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04180
38400	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G04710
38401	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G05730
38402	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G09810
38403	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G13420
38404	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G13650
38405	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G14200
38406	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G14740
38407	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G15450
38408	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G17990
38409	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G19220
38410	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G23120
38411	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G28500
38412	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G30510
38413	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G35630
38414	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G35970
38415	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G36880
38416	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G38420
38417	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G51720
38418	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G54770
38419	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G54810
38420	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G58330
38421	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G58770
38422	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G61410
38423	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G62790
38424	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G64050
38425	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00160
38426	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00480
38427	7	F23 vs. S23	F2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00490

38428	7	F23 vs. S23	F2-3 up	GO:0009533	Metabolism	Photosynthesis	chloroplast stromal thylakoid	C	AT5G23120
38429	7	F23 vs. S23	F2-3 up	GO:0009533	Metabolism	Photosynthesis	chloroplast stromal thylakoid	C	ATCG00280
38430	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G06430
38431	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G11860
38432	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G12250
38433	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G15820
38434	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G15980
38435	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G20020
38436	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G29930
38437	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G44000
38438	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G44575
38439	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G50250
38440	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G51110
38441	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G55480
38442	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G56500
38443	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G61520
38444	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G64770
38445	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G71500
38446	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G77090
38447	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G17630
38448	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G20890
38449	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G21330
38450	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G30440
38451	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G34460
38452	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G35490
38453	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G40100
38454	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G46820
38455	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G46780
38456	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G47470
38457	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G50820
38458	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G51820
38459	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G56940
38460	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G03280
38461	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G04020
38462	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G13670
38463	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G23890
38464	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G33010
38465	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G33510
38466	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G35250
38467	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT4G37930
38468	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G01530
38469	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G03880
38470	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G23060
38471	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G23120
38472	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G38660
38473	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G42270
38474	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G42650
38475	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G64040
38476	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G64290
38477	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00020
38478	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00120
38479	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00140
38480	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00270
38481	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00280
38482	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00340
38483	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00480

38484	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00560
38485	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00680
38486	7	F23 vs. S23	F2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00720
38487	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT1G12250
38488	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT1G77090
38489	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT2G39470
38490	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT3G50820
38491	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G13410
38492	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G23120
38493	7	F23 vs. S23	F2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G64040
38494	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G06430
38495	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G12250
38496	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G15820
38497	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G15980
38498	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G16720
38499	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G16880
38500	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G19150
38501	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G20020
38502	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G29930
38503	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G32060
38504	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G42970
38505	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G44575
38506	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G45474
38507	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G50250
38508	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G51110
38509	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G55480
38510	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G56500
38511	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G61520
38512	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G64150
38513	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G64770
38514	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G71500
38515	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G74880
38516	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G80030
38517	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G05100
38518	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G20890
38519	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G27290
38520	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G30080
38521	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G30440
38522	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G34460
38523	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G35490
38524	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G39470
38525	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G39730
38526	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G40100
38527	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G46820
38528	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G47910
38529	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G01500
38530	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G04790
38531	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G15360
38532	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G17930
38533	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G22840
38534	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G25760
38535	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G26580
38536	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G26650
38537	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G45140
38538	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G46780
38539	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G47470

38540	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G50820
38541	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G51820
38542	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G52300
38543	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G56940
38544	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G03280
38545	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G04020
38546	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G11960
38547	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G13010
38548	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G13670
38549	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G14690
38550	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G22920
38551	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G23890
38552	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT4G35250
38553	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G01530
38554	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G01600
38555	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G03880
38556	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G13410
38557	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G14740
38558	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23060
38559	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23120
38560	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G35630
38561	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G38660
38562	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G42270
38563	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G42650
38564	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G64040
38565	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00020
38566	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00120
38567	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00140
38568	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00210
38569	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00270
38570	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00280
38571	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00340
38572	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00420
38573	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00430
38574	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00480
38575	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00490
38576	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00520
38577	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00560
38578	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00680
38579	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00720
38580	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01050
38581	7	F23 vs. S23	F2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01100
38582	7	F23 vs. S23	F2-3 up	GO:0009575	Metabolism	Photosynthesis	chromoplast stroma	C	AT1G55480
38583	7	F23 vs. S23	F2-3 up	GO:0009512	Metabolism	Photosynthesis	cytochrome b6f complex	C	AT4G03280
38584	7	F23 vs. S23	F2-3 up	GO:0009512	Metabolism	Photosynthesis	cytochrome b6f complex	C	ATCG00210
38585	7	F23 vs. S23	F2-3 up	GO:0009512	Metabolism	Photosynthesis	cytochrome b6f complex	C	ATCG00720
38586	7	F23 vs. S23	F2-3 up	GO:0010190	Metabolism	Photosynthesis	cytochrome b6f complex assembly	P	AT3G17930
38587	7	F23 vs. S23	F2-3 up	GO:0046028	Metabolism	Photosynthesis	electron transporter, transferring electrons from cytochrome b6/f complex of photosystem II activity	F	AT4G03280
38588	7	F23 vs. S23	F2-3 up	GO:0045158	Metabolism	Photosynthesis	electron transporter, transferring electrons within cytochrome b6/f complex of photosystem II activity	F	AT4G03280
38589	7	F23 vs. S23	F2-3 up	GO:0045158	Metabolism	Photosynthesis	electron transporter, transferring electrons within cytochrome b6/f complex of photosystem II activity	F	ATCG00210
38590	7	F23 vs. S23	F2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00020

38591	7	F23 vs. S23	F2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00270
38592	7	F23 vs. S23	F2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00280
38593	7	F23 vs. S23	F2-3 up	GO:0045156	Metabolism	Photosynthesis	electron transporter, transferring electrons within the cyclic electron transport pathway of photosynthesis activity	F	ATCG00680
38594	7	F23 vs. S23	F2-3 up	GO:0045157	Metabolism	Photosynthesis	electron transporter, transferring electrons within the noncyclic electron transport pathway of photosynthesis activity	F	ATCG00270
38595	7	F23 vs. S23	F2-3 up	GO:0035448	Metabolism	Photosynthesis	extrinsic component of thylakoid membrane	C	AT1G55480
38596	7	F23 vs. S23	F2-3 up	GO:0004324	Metabolism	Photosynthesis	ferredoxin-NADP+ reductase activity	F	AT1G20020
38597	7	F23 vs. S23	F2-3 up	GO:0042132	Metabolism	Photosynthesis	fructose 1,6-bisphosphate 1-phosphatase activity	F	AT3G54050
38598	7	F23 vs. S23	F2-3 up	GO:0042132	Metabolism	Photosynthesis	fructose 1,6-bisphosphate 1-phosphatase activity	F	AT3G55800
38599	7	F23 vs. S23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT2G21330
38600	7	F23 vs. S23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT2G36460
38601	7	F23 vs. S23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT3G54050
38602	7	F23 vs. S23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT3G55800
38603	7	F23 vs. S23	F2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT4G38970
38604	7	F23 vs. S23	F2-3 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT3G54050
38605	7	F23 vs. S23	F2-3 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT3G55800
38606	7	F23 vs. S23	F2-3 up	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT2G21330
38607	7	F23 vs. S23	F2-3 up	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT2G36460
38608	7	F23 vs. S23	F2-3 up	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT4G38970
38609	7	F23 vs. S23	F2-3 up	GO:0006783	Metabolism	Photosynthesis	heme biosynthetic process	P	AT1G58290
38610	7	F23 vs. S23	F2-3 up	GO:0080153	Metabolism	Photosynthesis	negative regulation of reductive pentose-phosphate cycle	P	AT3G62410
38611	7	F23 vs. S23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT1G68010
38612	7	F23 vs. S23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT1G80380
38613	7	F23 vs. S23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT3G14130
38614	7	F23 vs. S23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT3G14420
38615	7	F23 vs. S23	F2-3 up	GO:0009854	Metabolism	Photosynthesis	oxidative photosynthetic carbon pathway	P	AT4G18360
38616	7	F23 vs. S23	F2-3 up	GO:0010242	Metabolism	Photosynthesis	oxygen evolving activity	F	AT3G50820
38617	7	F23 vs. S23	F2-3 up	GO:0009915	Metabolism	Photosynthesis	phloem sucrose loading	P	AT1G22710
38618	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G15820
38619	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G20020
38620	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G27730
38621	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G44575
38622	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G53310
38623	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G55480
38624	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G61800
38625	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G77090
38626	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT2G39470
38627	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G01500
38628	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G02780
38629	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G11050
38630	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G14940
38631	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G22840
38632	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G54050
38633	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G56940
38634	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G04040
38635	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G11960
38636	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G14690
38637	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT4G15530

38638	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G01600
38639	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G23120
38640	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT5G64040
38641	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG00210
38642	7	F23 vs. S23	F2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	ATCG01100
38643	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G15820
38644	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G19150
38645	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G29930
38646	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G45474
38647	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT1G61520
38648	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT2G05100
38649	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT2G40100
38650	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT3G47470
38651	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	AT5G01530
38652	7	F23 vs. S23	F2-3 up	GO:0009768	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem I	P	ATCG00340
38653	7	F23 vs. S23	F2-3 up	GO:0009769	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem II	P	AT2G05100
38654	7	F23 vs. S23	F2-3 up	GO:0009769	Metabolism	Photosynthesis	photosynthesis, light harvesting in photosystem II	P	ATCG00270
38655	7	F23 vs. S23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	AT3G50820
38656	7	F23 vs. S23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00020
38657	7	F23 vs. S23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00280
38658	7	F23 vs. S23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00680
38659	7	F23 vs. S23	F2-3 up	GO:0019684	Metabolism	Photosynthesis	photosynthesis, light reaction	P	ATCG00720
38660	7	F23 vs. S23	F2-3 up	GO:0009643	Metabolism	Photosynthesis	photosynthetic acclimation	P	AT1G61800
38661	7	F23 vs. S23	F2-3 up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G03280
38662	7	F23 vs. S23	F2-3 up	GO:0009767	Metabolism	Photosynthesis	photosynthetic electron transport chain	P	AT4G23890
38663	7	F23 vs. S23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT1G15980
38664	7	F23 vs. S23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT1G64770
38665	7	F23 vs. S23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT2G46820
38666	7	F23 vs. S23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT3G54050
38667	7	F23 vs. S23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT4G11960
38668	7	F23 vs. S23	F2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT5G64040
38669	7	F23 vs. S23	F2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00020
38670	7	F23 vs. S23	F2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00270
38671	7	F23 vs. S23	F2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00280
38672	7	F23 vs. S23	F2-3 up	GO:0009772	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem II	P	ATCG00680
38673	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G15820
38674	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G19150
38675	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G29930
38676	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT1G61520
38677	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT2G05100
38678	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT2G40100
38679	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G22840
38680	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT3G47470
38681	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT4G14690
38682	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT5G01530
38683	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	AT5G64040
38684	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	ATCG00340
38685	7	F23 vs. S23	F2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	ATCG00520
38686	7	F23 vs. S23	F2-3 up	GO:0009782	Metabolism	Photosynthesis	photosystem I antenna complex	C	AT1G45474
38687	7	F23 vs. S23	F2-3 up	GO:0048564	Metabolism	Photosynthesis	photosystem I assembly	P	AT5G42270
38688	7	F23 vs. S23	F2-3 up	GO:0048564	Metabolism	Photosynthesis	photosystem I assembly	P	ATCG00520
38689	7	F23 vs. S23	F2-3 up	GO:0009538	Metabolism	Photosynthesis	photosystem I reaction center	C	ATCG00340
38690	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G16720
38691	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G29930
38692	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G44575
38693	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G55480

38694	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT1G71500
38695	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT2G05100
38696	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT2G40100
38697	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G22840
38698	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT4G14690
38699	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT4G35250
38700	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT5G01530
38701	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT5G23120
38702	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00020
38703	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00270
38704	7	F23 vs. S23	F2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	ATCG00680
38705	7	F23 vs. S23	F2-3 up	GO:0009783	Metabolism	Photosynthesis	photosystem II antenna complex	C	AT1G15820
38706	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G16720
38707	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G55480
38708	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G71500
38709	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT2G20890
38710	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT3G50820
38711	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT4G35250
38712	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT5G24120
38713	7	F23 vs. S23	F2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	ATCG00680
38714	7	F23 vs. S23	F2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT1G77090
38715	7	F23 vs. S23	F2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT2G39470
38716	7	F23 vs. S23	F2-3 up	GO:0009654	Metabolism	Photosynthesis	photosystem II oxygen evolving complex	C	AT3G50820
38717	7	F23 vs. S23	F2-3 up	GO:0010270	Metabolism	Photosynthesis	photosystem II oxygen evolving complex assembly	P	AT1G64150
38718	7	F23 vs. S23	F2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00280
38719	7	F23 vs. S23	F2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00560
38720	7	F23 vs. S23	F2-3 up	GO:0009539	Metabolism	Photosynthesis	photosystem II reaction center	C	ATCG00680
38721	7	F23 vs. S23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT1G06430
38722	7	F23 vs. S23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT1G50250
38723	7	F23 vs. S23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT1G55480
38724	7	F23 vs. S23	F2-3 up	GO:0010206	Metabolism	Photosynthesis	photosystem II repair	P	AT5G42270
38725	7	F23 vs. S23	F2-3 up	GO:0042549	Metabolism	Photosynthesis	photosystem II stabilization	P	AT1G71500
38726	7	F23 vs. S23	F2-3 up	GO:0042549	Metabolism	Photosynthesis	photosystem II stabilization	P	AT3G50820
38727	7	F23 vs. S23	F2-3 up	GO:0080005	Metabolism	Photosynthesis	photosystem stoichiometry adjustment	P	AT1G64860
38728	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G08510
38729	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G15500
38730	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G17050
38731	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G22410
38732	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G24360
38733	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G48460
38734	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G64190
38735	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G65410
38736	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G13810
38737	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G14750
38738	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G21280
38739	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G29630
38740	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G30020
38741	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G35490
38742	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G37860
38743	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G06510
38744	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G17810
38745	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G56360
38746	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G63390
38747	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G12030
38748	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G23100
38749	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G31990

38750	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G34200
38751	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G35630
38752	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G36810
38753	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G39030
38754	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G39940
38755	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G01220
38756	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13420
38757	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13490
38758	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13650
38759	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13710
38760	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14200
38761	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14740
38762	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15450
38763	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15910
38764	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16010
38765	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16450
38766	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16510
38767	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G17990
38768	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G20010
38769	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G22060
38770	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23060
38771	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23120
38772	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G24690
38773	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25980
38774	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27150
38775	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G28500
38776	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G30510
38777	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G35180
38778	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G35460
38779	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G35630
38780	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G36160
38781	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G37600
38782	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G38420
38783	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G38660
38784	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G40650
38785	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G40780
38786	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G42270
38787	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G42650
38788	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G46800
38789	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47180
38790	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47540
38791	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47880
38792	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47910
38793	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G48180
38794	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49360
38795	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49810
38796	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49890
38797	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49970
38798	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G50000
38799	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G50850
38800	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G50950
38801	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G51720
38802	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G51970
38803	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G52450
38804	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54080
38805	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G54770

38806	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56870
38807	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57350
38808	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57655
38809	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58330
38810	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59250
38811	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59290
38812	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59370
38813	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60360
38814	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60790
38815	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61410
38816	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61670
38817	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63180
38818	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G63860
38819	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64040
38820	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64050
38821	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64280
38822	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64290
38823	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64940
38824	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65720
38825	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G66760
38826	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00020
38827	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00120
38828	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00160
38829	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00270
38830	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00280
38831	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00340
38832	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00430
38833	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00480
38834	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00490
38835	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00680
38836	7	F23 vs. S23	F2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00720
38837	7	F23 vs. S23	F2-3 up	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT2G46820
38838	7	F23 vs. S23	F2-3 up	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT3G46780
38839	7	F23 vs. S23	F2-3 up	GO:0009508	Metabolism	Photosynthesis	plastid chromosome	C	AT4G13670
38840	7	F23 vs. S23	F2-3 up	GO:0009528	Metabolism	Photosynthesis	plastid inner membrane	C	AT2G20890
38841	7	F23 vs. S23	F2-3 up	GO:0009668	Metabolism	Photosynthesis	plastid membrane organization	P	AT5G58770
38842	7	F23 vs. S23	F2-3 up	GO:0009657	Metabolism	Photosynthesis	plastid organization	P	AT5G23120
38843	7	F23 vs. S23	F2-3 up	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT2G20890
38844	7	F23 vs. S23	F2-3 up	GO:0009527	Metabolism	Photosynthesis	plastid outer membrane	C	AT4G16160
38845	7	F23 vs. S23	F2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00160
38846	7	F23 vs. S23	F2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT2G20890
38847	7	F23 vs. S23	F2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT5G15450
38848	7	F23 vs. S23	F2-3 up	GO:0042793	Metabolism	Photosynthesis	plastid transcription	P	AT4G13670
38849	7	F23 vs. S23	F2-3 up	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT1G09340
38850	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G09340
38851	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G15820
38852	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G29930
38853	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT1G61520
38854	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G05100
38855	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G21330
38856	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G34460
38857	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G35490
38858	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G39730
38859	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G40100
38860	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G47470
38861	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT3G50820

38862	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G04020
38863	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT4G38970
38864	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT5G01530
38865	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT5G05200
38866	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT5G17230
38867	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT5G42650
38868	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00020
38869	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00120
38870	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00270
38871	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00280
38872	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00340
38873	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00480
38874	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00490
38875	7	F23 vs. S23	F2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	ATCG00680
38876	7	F23 vs. S23	F2-3 up	GO:0009496	Metabolism	Photosynthesis	plastoquinol--plastocyanin reductase activity	F	AT4G03280
38877	7	F23 vs. S23	F2-3 up	GO:0006779	Metabolism	Photosynthesis	porphyrin-containing compound biosynthetic process	P	AT1G58290
38878	7	F23 vs. S23	F2-3 up	GO:1905157	Metabolism	Photosynthesis	positive regulation of photosynthesis	P	AT5G65810
38879	7	F23 vs. S23	F2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT1G63900
38880	7	F23 vs. S23	F2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT2G20890
38881	7	F23 vs. S23	F2-3 up	GO:0045038	Metabolism	Photosynthesis	protein import into chloroplast thylakoid membrane	P	AT2G20890
38882	7	F23 vs. S23	F2-3 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT2G24820
38883	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G15820
38884	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G19150
38885	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G29930
38886	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G45474
38887	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT1G61520
38888	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT2G02710
38889	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT2G05100
38890	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT2G40100
38891	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT3G45780
38892	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT3G47470
38893	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT5G01530
38894	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT5G63860
38895	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00020
38896	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00270
38897	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00280
38898	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00340
38899	7	F23 vs. S23	F2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	ATCG00680
38900	7	F23 vs. S23	F2-3 up	GO:0006782	Metabolism	Photosynthesis	protoporphyrinogen IX biosynthetic process	P	AT1G58290
38901	7	F23 vs. S23	F2-3 up	GO:0009517	Metabolism	Photosynthesis	PSII associated light-harvesting complex II	C	AT1G44575
38902	7	F23 vs. S23	F2-3 up	GO:0009517	Metabolism	Photosynthesis	PSII associated light-harvesting complex II	C	AT2G05100
38903	7	F23 vs. S23	F2-3 up	GO:0031540	Metabolism	Photosynthesis	regulation of anthocyanin biosynthetic process	P	AT5G49660
38904	7	F23 vs. S23	F2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT3G22840
38905	7	F23 vs. S23	F2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT4G14690
38906	7	F23 vs. S23	F2-3 up	GO:0010109	Metabolism	Photosynthesis	regulation of photosynthesis	P	AT1G61800
38907	7	F23 vs. S23	F2-3 up	GO:0010109	Metabolism	Photosynthesis	regulation of photosynthesis	P	AT5G50950
38908	7	F23 vs. S23	F2-3 up	GO:1904215	Metabolism	Photosynthesis	regulation of protein import into chloroplast stroma	P	AT1G63900
38909	7	F23 vs. S23	F2-3 up	GO:0046863	Metabolism	Photosynthesis	ribulose-1,5-bisphosphate carboxylase/oxygenase activator activity	F	AT2G39730
38910	7	F23 vs. S23	F2-3 up	GO:0016984	Metabolism	Photosynthesis	ribulose-bisphosphate carboxylase activity	F	AT5G38420
38911	7	F23 vs. S23	F2-3 up	GO:0016984	Metabolism	Photosynthesis	ribulose-bisphosphate carboxylase activity	F	ATCG00490
38912	7	F23 vs. S23	F2-3 up	GO:0098572	Metabolism	Photosynthesis	stromal side of plastid thylakoid membrane	C	AT3G46780
38913	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G06430
38914	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G12250
38915	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G15820

38916	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G20020
38917	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G23740
38918	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G29930
38919	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G32060
38920	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G44575
38921	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G55480
38922	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G61520
38923	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G67280
38924	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G77090
38925	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G05100
38926	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G21330
38927	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G35490
38928	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G39470
38929	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G39730
38930	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G40100
38931	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G46820
38932	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT2G47730
38933	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G01500
38934	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G04790
38935	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G12780
38936	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G15360
38937	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G47470
38938	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G50820
38939	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G52300
38940	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G55800
38941	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G03280
38942	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G04020
38943	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G25100
38944	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G38970
38945	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G01530
38946	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G01600
38947	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G11710
38948	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G13410
38949	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G23060
38950	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G23120
38951	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G30510
38952	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G35630
38953	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G38420
38954	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G42270
38955	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G42650
38956	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G54770
38957	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G58330
38958	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G61410
38959	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT5G64040
38960	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00020
38961	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00120
38962	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00270
38963	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00280
38964	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00340
38965	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00480
38966	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00490
38967	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00560
38968	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00680
38969	7	F23 vs. S23	F2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG00720
38970	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G50250
38971	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G67280

38972	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT1G77090
38973	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT2G21330
38974	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT3G50820
38975	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G04020
38976	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT5G13410
38977	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT5G23120
38978	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	ATCG00120
38979	7	F23 vs. S23	F2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	ATCG00480
38980	7	F23 vs. S23	F2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT1G16720
38981	7	F23 vs. S23	F2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT1G56500
38982	7	F23 vs. S23	F2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT4G35250
38983	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT1G06430
38984	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT1G44575
38985	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT1G50250
38986	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G20890
38987	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT2G30440
38988	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT3G12780
38989	7	F23 vs. S23	F2-3 up	GO:0010027	Metabolism	Photosynthesis	thylakoid membrane organization	P	AT5G42270
38990	7	F23 vs. S23	F2-3 up	GO:0051738	Metabolism	Photosynthesis	xanthophyll binding	F	AT1G44575
38991	7	F23 vs. S23	F2-3 up	GO:0015172	Metabolism	Transporters	acidic amino acid transmembrane transporter activity	F	AT1G24400
38992	7	F23 vs. S23	F2-3 up	GO:0015172	Metabolism	Transporters	acidic amino acid transmembrane transporter activity	F	AT5G63850
38993	7	F23 vs. S23	F2-3 up	GO:0046715	Metabolism	Transporters	active borate transmembrane transporter activity	F	AT1G80760
38994	7	F23 vs. S23	F2-3 up	GO:0051503	Metabolism	Transporters	adenine nucleotide transport	P	AT5G17400
38995	7	F23 vs. S23	F2-3 up	GO:0043090	Metabolism	Transporters	amino acid import	P	AT1G58360
38996	7	F23 vs. S23	F2-3 up	GO:0043090	Metabolism	Transporters	amino acid import	P	AT5G40780
38997	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G24400
38998	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G58360
38999	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT1G80510
39000	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G39890
39001	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT2G41190
39002	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT3G11900
39003	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT3G30390
39004	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G01240
39005	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G40780
39006	7	F23 vs. S23	F2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G63850
39007	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G24400
39008	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G58360
39009	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT1G80510
39010	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G39890
39011	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT2G41190
39012	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT3G11900
39013	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT3G30390
39014	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT4G16160
39015	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G01240
39016	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G40780
39017	7	F23 vs. S23	F2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G63850
39018	7	F23 vs. S23	F2-3 up	GO:0006865	Metabolism	Transporters	amino acid transport	P	AT1G58030
39019	7	F23 vs. S23	F2-3 up	GO:0006865	Metabolism	Transporters	amino acid transport	P	AT5G63850
39020	7	F23 vs. S23	F2-3 up	GO:0005253	Metabolism	Transporters	anion channel activity	F	AT5G40890
39021	7	F23 vs. S23	F2-3 up	GO:0005253	Metabolism	Transporters	anion channel activity	F	AT5G49890
39022	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G11670
39023	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G12600
39024	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G21070
39025	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT1G61800

39026	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT2G02810
39027	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT2G22500
39028	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT3G17430
39029	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT4G39030
39030	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G49130
39031	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G52450
39032	7	F23 vs. S23	F2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT5G57100
39033	7	F23 vs. S23	F2-3 up	GO:0015173	Metabolism	Transporters	aromatic amino acid transmembrane transporter activity	F	AT3G11900
39034	7	F23 vs. S23	F2-3 up	GO:1901684	Metabolism	Transporters	arsenate ion transmembrane transport	P	AT3G54700
39035	7	F23 vs. S23	F2-3 up	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT1G15500
39036	7	F23 vs. S23	F2-3 up	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT5G13490
39037	7	F23 vs. S23	F2-3 up	GO:0005471	Metabolism	Transporters	ATP:ADP antiporter activity	F	AT5G17400
39038	7	F23 vs. S23	F2-3 up	GO:0019829	Metabolism	Transporters	ATPase-coupled cation transmembrane transporter activity	F	AT1G63440
39039	7	F23 vs. S23	F2-3 up	GO:0140326	Metabolism	Transporters	ATPase-coupled intramembrane lipid transporter activity	F	AT1G54280
39040	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G66950
39041	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G70610
39042	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G71960
39043	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G26910
39044	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G34660
39045	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G21250
39046	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT3G55100
39047	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT4G04770
39048	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G06530
39049	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G61690
39050	7	F23 vs. S23	F2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G61700
39051	7	F23 vs. S23	F2-3 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT2G34660
39052	7	F23 vs. S23	F2-3 up	GO:0008559	Metabolism	Transporters	ATPase-coupled xenobiotic transmembrane transporter activity	F	AT3G21250
39053	7	F23 vs. S23	F2-3 up	GO:0046713	Metabolism	Transporters	borate transport	P	AT1G80760
39054	7	F23 vs. S23	F2-3 up	GO:0015839	Metabolism	Transporters	cadaverine transport	P	AT1G73220
39055	7	F23 vs. S23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT2G22950
39056	7	F23 vs. S23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G51860
39057	7	F23 vs. S23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT3G57330
39058	7	F23 vs. S23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT4G03560
39059	7	F23 vs. S23	F2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT5G66650
39060	7	F23 vs. S23	F2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT1G64150
39061	7	F23 vs. S23	F2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT4G03560
39062	7	F23 vs. S23	F2-3 up	GO:0006816	Metabolism	Transporters	calcium ion transport	P	AT5G53130
39063	7	F23 vs. S23	F2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT2G22950

39064	7	F23 vs. S23	F2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT3G57330
39065	7	F23 vs. S23	F2-3 up	GO:0034219	Metabolism	Transporters	carbohydrate transmembrane transport	P	AT3G05960
39066	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G08920
39067	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G11260
39068	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G50310
39069	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G73220
39070	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT1G75220
39071	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT2G48020
39072	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT3G05960
39073	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT3G19930
39074	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT4G16480
39075	7	F23 vs. S23	F2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT5G59250
39076	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G12600
39077	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT1G21070
39078	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT2G02810
39079	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G14770
39080	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G17430
39081	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G28007
39082	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G47420
39083	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT3G48740
39084	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT4G17550
39085	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G13170
39086	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G50800
39087	7	F23 vs. S23	F2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G57100
39088	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT1G08920
39089	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT1G11260
39090	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT1G50310
39091	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT1G75220
39092	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT2G48020
39093	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G05960
39094	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G19930
39095	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT3G51490
39096	7	F23 vs. S23	F2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT5G59250
39097	7	F23 vs. S23	F2-3 up	GO:1905039	Metabolism	Transporters	carboxylic acid transmembrane transport	P	AT5G50800
39098	7	F23 vs. S23	F2-3 up	GO:0015226	Metabolism	Transporters	carnitine transmembrane transporter activity	F	AT1G73220
39099	7	F23 vs. S23	F2-3 up	GO:0005261	Metabolism	Transporters	cation channel activity	F	AT1G70480
39100	7	F23 vs. S23	F2-3 up	GO:0008324	Metabolism	Transporters	cation transmembrane transporter activity	F	AT5G54250
39101	7	F23 vs. S23	F2-3 up	GO:0006812	Metabolism	Transporters	cation transport	P	AT1G79400
39102	7	F23 vs. S23	F2-3 up	GO:0006812	Metabolism	Transporters	cation transport	P	AT3G17630
39103	7	F23 vs. S23	F2-3 up	GO:0015491	Metabolism	Transporters	cation:cation antiporter activity	F	AT3G51860
39104	7	F23 vs. S23	F2-3 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT1G80760
39105	7	F23 vs. S23	F2-3 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT4G18910
39106	7	F23 vs. S23	F2-3 up	GO:0015267	Metabolism	Transporters	channel activity	F	AT5G37810
39107	7	F23 vs. S23	F2-3 up	GO:0034707	Metabolism	Transporters	chloride channel complex	C	AT5G40890
39108	7	F23 vs. S23	F2-3 up	GO:0034707	Metabolism	Transporters	chloride channel complex	C	AT5G49890
39109	7	F23 vs. S23	F2-3 up	GO:0015108	Metabolism	Transporters	chloride transmembrane transporter activity	F	AT5G49890
39110	7	F23 vs. S23	F2-3 up	GO:0006821	Metabolism	Transporters	chloride transport	P	AT5G40890
39111	7	F23 vs. S23	F2-3 up	GO:0030276	Metabolism	Transporters	clathrin binding	F	AT5G11710
39112	7	F23 vs. S23	F2-3 up	GO:0030665	Metabolism	Transporters	clathrin-coated vesicle membrane	C	AT3G52850
39113	7	F23 vs. S23	F2-3 up	GO:0015228	Metabolism	Transporters	coenzyme A transmembrane transporter activity	F	AT1G14560
39114	7	F23 vs. S23	F2-3 up	GO:0030126	Metabolism	Transporters	COPI vesicle coat	C	AT1G52360
39115	7	F23 vs. S23	F2-3 up	GO:0006825	Metabolism	Transporters	copper ion transport	P	AT1G63440
39116	7	F23 vs. S23	F2-3 up	GO:0006825	Metabolism	Transporters	copper ion transport	P	AT3G56240
39117	7	F23 vs. S23	F2-3 up	GO:0031410	Metabolism	Transporters	cytoplasmic vesicle	C	AT4G16520

39118	7	F23 vs. S23	F2-3 up	GO:0005310	Metabolism	Transporters	dicarboxylic acid transmembrane transporter activity	F	AT2G22500
39119	7	F23 vs. S23	F2-3 up	GO:0005769	Metabolism	Transporters	early endosome	C	AT3G60800
39120	7	F23 vs. S23	F2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G15880
39121	7	F23 vs. S23	F2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G52360
39122	7	F23 vs. S23	F2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G13870
39123	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G13900
39124	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G29470
39125	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G31130
39126	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G74380
39127	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G78240
39128	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G01270
39129	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G34300
39130	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G17430
39131	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G23300
39132	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G25140
39133	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G27230
39134	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G28180
39135	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G46830
39136	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G51070
39137	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G52850
39138	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G02500
39139	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G10440
39140	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G19120
39141	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G32410
39142	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G34960
39143	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G01450
39144	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G05170
39145	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G18280
39146	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G25610
39147	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G42050
39148	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G42090
39149	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G45130
39150	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G53530
39151	7	F23 vs. S23	F2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G65810
39152	7	F23 vs. S23	F2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT3G46830
39153	7	F23 vs. S23	F2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G22950
39154	7	F23 vs. S23	F2-3 up	GO:0008333	Metabolism	Transporters	endosome to lysosome transport	P	AT5G53530
39155	7	F23 vs. S23	F2-3 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT5G22950
39156	7	F23 vs. S23	F2-3 up	GO:1903424	Metabolism	Transporters	fluoride transmembrane transport	P	AT2G41705
39157	7	F23 vs. S23	F2-3 up	GO:1903425	Metabolism	Transporters	fluoride transmembrane transporter activity	F	AT2G41705
39158	7	F23 vs. S23	F2-3 up	GO:1904659	Metabolism	Transporters	glucose transmembrane transport	P	AT3G57990
39159	7	F23 vs. S23	F2-3 up	GO:1904659	Metabolism	Transporters	glucose transmembrane transport	P	AT5G59250
39160	7	F23 vs. S23	F2-3 up	GO:0005355	Metabolism	Transporters	glucose transmembrane transporter activity	F	AT5G59250
39161	7	F23 vs. S23	F2-3 up	GO:0015152	Metabolism	Transporters	glucose-6-phosphate transmembrane transporter activity	F	AT1G61800
39162	7	F23 vs. S23	F2-3 up	GO:0015760	Metabolism	Transporters	glucose-6-phosphate transport	P	AT1G61800
39163	7	F23 vs. S23	F2-3 up	GO:1901349	Metabolism	Transporters	glucosinolate transport	P	AT3G47960
39164	7	F23 vs. S23	F2-3 up	GO:1901349	Metabolism	Transporters	glucosinolate transport	P	AT5G62680
39165	7	F23 vs. S23	F2-3 up	GO:0090448	Metabolism	Transporters	glucosinolate:proton symporter activity	F	AT3G47960
39166	7	F23 vs. S23	F2-3 up	GO:0090448	Metabolism	Transporters	glucosinolate:proton symporter activity	F	AT5G62680
39167	7	F23 vs. S23	F2-3 up	GO:0015168	Metabolism	Transporters	glycerol transmembrane transporter activity	F	AT1G80760

39168	7	F23 vs. S23	F2-3 up	GO:0006896	Metabolism	Transporters	Golgi to vacuole transport	P	AT3G52850
39169	7	F23 vs. S23	F2-3 up	GO:0017119	Metabolism	Transporters	Golgi transport complex	C	AT3G52850
39170	7	F23 vs. S23	F2-3 up	GO:0048193	Metabolism	Transporters	Golgi vesicle transport	P	AT1G28490
39171	7	F23 vs. S23	F2-3 up	GO:0051170	Metabolism	Transporters	import into nucleus	P	AT1G43700
39172	7	F23 vs. S23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT1G61800
39173	7	F23 vs. S23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT1G67940
39174	7	F23 vs. S23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT3G54700
39175	7	F23 vs. S23	F2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT5G14040
39176	7	F23 vs. S23	F2-3 up	GO:0031359	Metabolism	Transporters	integral component of chloroplast outer membrane	C	AT3G06510
39177	7	F23 vs. S23	F2-3 up	GO:0031359	Metabolism	Transporters	integral component of chloroplast outer membrane	C	AT4G16160
39178	7	F23 vs. S23	F2-3 up	GO:0005221	Metabolism	Transporters	intracellular cyclic nucleotide activated cation channel activity	F	AT5G53130
39179	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G28490
39180	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G43890
39181	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G52360
39182	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G61290
39183	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT2G15310
39184	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G16100
39185	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G21700
39186	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G22950
39187	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G46830
39188	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G62290
39189	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT4G17530
39190	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G45130
39191	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G53530
39192	7	F23 vs. S23	F2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G54780
39193	7	F23 vs. S23	F2-3 up	GO:0075733	Metabolism	Transporters	intracellular transport of virus	P	AT4G20260
39194	7	F23 vs. S23	F2-3 up	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G15880
39195	7	F23 vs. S23	F2-3 up	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G52360
39196	7	F23 vs. S23	F2-3 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G53130
39197	7	F23 vs. S23	F2-3 up	GO:0005216	Metabolism	Transporters	ion channel activity	F	AT5G54250
39198	7	F23 vs. S23	F2-3 up	GO:0034220	Metabolism	Transporters	ion transmembrane transport	P	AT4G16160
39199	7	F23 vs. S23	F2-3 up	GO:0015662	Metabolism	Transporters	ion transmembrane transporter activity, phosphorylative mechanism	F	AT1G54280
39200	7	F23 vs. S23	F2-3 up	GO:0015662	Metabolism	Transporters	ion transmembrane transporter activity, phosphorylative mechanism	F	AT1G63440
39201	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G41830
39202	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G55560
39203	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT1G55570
39204	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G11050
39205	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13390
39206	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G13400
39207	7	F23 vs. S23	F2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT5G01600
39208	7	F23 vs. S23	F2-3 up	GO:0051980	Metabolism	Transporters	iron-nicotianamine transmembrane transporter activity	F	AT4G24120
39209	7	F23 vs. S23	F2-3 up	GO:0051980	Metabolism	Transporters	iron-nicotianamine transmembrane transporter activity	F	AT5G53550
39210	7	F23 vs. S23	F2-3 up	GO:0015180	Metabolism	Transporters	L-alanine transmembrane transporter activity	F	AT1G58360
39211	7	F23 vs. S23	F2-3 up	GO:0015808	Metabolism	Transporters	L-alanine transport	P	AT1G58360
39212	7	F23 vs. S23	F2-3 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT5G22950
39213	7	F23 vs. S23	F2-3 up	GO:0098712	Metabolism	Transporters	L-glutamate import across plasma membrane	P	AT1G58360
39214	7	F23 vs. S23	F2-3 up	GO:0015813	Metabolism	Transporters	L-glutamate transmembrane transport	P	AT5G64290

39215	7	F23 vs. S23	F2-3 up	GO:0005313	Metabolism	Transporters	L-glutamate transmembrane transporter activity	F	AT1G58360
39216	7	F23 vs. S23	F2-3 up	GO:0005313	Metabolism	Transporters	L-glutamate transmembrane transporter activity	F	AT5G64290
39217	7	F23 vs. S23	F2-3 up	GO:0015186	Metabolism	Transporters	L-glutamine transmembrane transporter activity	F	AT1G58360
39218	7	F23 vs. S23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT1G65410
39219	7	F23 vs. S23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT2G37870
39220	7	F23 vs. S23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT3G51600
39221	7	F23 vs. S23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G50800
39222	7	F23 vs. S23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G61690
39223	7	F23 vs. S23	F2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G61700
39224	7	F23 vs. S23	F2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT3G51600
39225	7	F23 vs. S23	F2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G61690
39226	7	F23 vs. S23	F2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G61700
39227	7	F23 vs. S23	F2-3 up	GO:0010351	Metabolism	Transporters	lithium ion transport	P	AT3G51860
39228	7	F23 vs. S23	F2-3 up	GO:0010351	Metabolism	Transporters	lithium ion transport	P	AT5G27150
39229	7	F23 vs. S23	F2-3 up	GO:0000064	Metabolism	Transporters	L-ornithine transmembrane transporter activity	F	AT5G46800
39230	7	F23 vs. S23	F2-3 up	GO:0015193	Metabolism	Transporters	L-proline transmembrane transporter activity	F	AT1G58360
39231	7	F23 vs. S23	F2-3 up	GO:0015193	Metabolism	Transporters	L-proline transmembrane transporter activity	F	AT2G39890
39232	7	F23 vs. S23	F2-3 up	GO:0015194	Metabolism	Transporters	L-serine transmembrane transporter activity	F	AT1G58360
39233	7	F23 vs. S23	F2-3 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT1G64150
39234	7	F23 vs. S23	F2-3 up	GO:0015095	Metabolism	Transporters	magnesium ion transmembrane transporter activity	F	AT5G11960
39235	7	F23 vs. S23	F2-3 up	GO:0071423	Metabolism	Transporters	malate transmembrane transport	P	AT2G22500
39236	7	F23 vs. S23	F2-3 up	GO:0071423	Metabolism	Transporters	malate transmembrane transport	P	AT5G64290
39237	7	F23 vs. S23	F2-3 up	GO:0015140	Metabolism	Transporters	malate transmembrane transporter activity	F	AT2G22500
39238	7	F23 vs. S23	F2-3 up	GO:0015140	Metabolism	Transporters	malate transmembrane transporter activity	F	AT5G64290
39239	7	F23 vs. S23	F2-3 up	GO:0005384	Metabolism	Transporters	manganese ion transmembrane transporter activity	F	AT1G64150
39240	7	F23 vs. S23	F2-3 up	GO:0006828	Metabolism	Transporters	manganese ion transport	P	AT1G64150
39241	7	F23 vs. S23	F2-3 up	GO:0046873	Metabolism	Transporters	metal ion transmembrane transporter activity	F	AT1G31260
39242	7	F23 vs. S23	F2-3 up	GO:0046873	Metabolism	Transporters	metal ion transmembrane transporter activity	F	AT2G30080
39243	7	F23 vs. S23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT1G51090
39244	7	F23 vs. S23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT4G35060
39245	7	F23 vs. S23	F2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT5G17450
39246	7	F23 vs. S23	F2-3 up	GO:1990575	Metabolism	Transporters	mitochondrial L-ornithine transmembrane transport	P	AT5G46800
39247	7	F23 vs. S23	F2-3 up	GO:0006839	Metabolism	Transporters	mitochondrial transport	P	AT2G22500
39248	7	F23 vs. S23	F2-3 up	GO:0006839	Metabolism	Transporters	mitochondrial transport	P	AT5G46800
39249	7	F23 vs. S23	F2-3 up	GO:0030943	Metabolism	Transporters	mitochondrion targeting sequence binding	F	AT1G13900
39250	7	F23 vs. S23	F2-3 up	GO:0008028	Metabolism	Transporters	monocarboxylic acid transmembrane transporter activity	F	AT4G12030
39251	7	F23 vs. S23	F2-3 up	GO:0015749	Metabolism	Transporters	monosaccharide transmembrane transport	P	AT1G08920
39252	7	F23 vs. S23	F2-3 up	GO:0015749	Metabolism	Transporters	monosaccharide transmembrane transport	P	AT1G11260
39253	7	F23 vs. S23	F2-3 up	GO:0015145	Metabolism	Transporters	monosaccharide transmembrane transporter activity	F	AT1G08920
39254	7	F23 vs. S23	F2-3 up	GO:0015145	Metabolism	Transporters	monosaccharide transmembrane transporter activity	F	AT1G11260
39255	7	F23 vs. S23	F2-3 up	GO:0015145	Metabolism	Transporters	monosaccharide transmembrane transporter activity	F	AT3G05960
39256	7	F23 vs. S23	F2-3 up	GO:0015145	Metabolism	Transporters	monosaccharide transmembrane transporter activity	F	AT3G19930
39257	7	F23 vs. S23	F2-3 up	GO:0005366	Metabolism	Transporters	myo-inositol:proton symporter activity	F	AT4G16480
39258	7	F23 vs. S23	F2-3 up	GO:0010362	Metabolism	Transporters	negative regulation of anion channel activity by blue light	P	AT3G45780
39259	7	F23 vs. S23	F2-3 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT1G24400
39260	7	F23 vs. S23	F2-3 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT1G58360
39261	7	F23 vs. S23	F2-3 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT3G11900

39262	7	F23 vs. S23	F2-3 up	GO:0015175	Metabolism	Transporters	neutral amino acid transmembrane transporter activity	F	AT5G63850
39263	7	F23 vs. S23	F2-3 up	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT1G24400
39264	7	F23 vs. S23	F2-3 up	GO:0015804	Metabolism	Transporters	neutral amino acid transport	P	AT1G58360
39265	7	F23 vs. S23	F2-3 up	GO:1902025	Metabolism	Transporters	nitrate import	P	AT5G49660
39266	7	F23 vs. S23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT1G32450
39267	7	F23 vs. S23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT3G21670
39268	7	F23 vs. S23	F2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT5G40890
39269	7	F23 vs. S23	F2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT1G32450
39270	7	F23 vs. S23	F2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT5G40890
39271	7	F23 vs. S23	F2-3 up	GO:0008139	Metabolism	Transporters	nuclear localization sequence binding	F	AT4G16143
39272	7	F23 vs. S23	F2-3 up	GO:0005337	Metabolism	Transporters	nucleoside transmembrane transporter activity	F	AT3G51490
39273	7	F23 vs. S23	F2-3 up	GO:0015780	Metabolism	Transporters	nucleotide-sugar transmembrane transport	P	AT2G02810
39274	7	F23 vs. S23	F2-3 up	GO:0005338	Metabolism	Transporters	nucleotide-sugar transmembrane transporter activity	F	AT1G21070
39275	7	F23 vs. S23	F2-3 up	GO:0005338	Metabolism	Transporters	nucleotide-sugar transmembrane transporter activity	F	AT5G57100
39276	7	F23 vs. S23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT1G68570
39277	7	F23 vs. S23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT2G26690
39278	7	F23 vs. S23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT2G40460
39279	7	F23 vs. S23	F2-3 up	GO:0035673	Metabolism	Transporters	oligopeptide transmembrane transporter activity	F	AT3G53960
39280	7	F23 vs. S23	F2-3 up	GO:0008514	Metabolism	Transporters	organic anion transmembrane transporter activity	F	AT3G17430
39281	7	F23 vs. S23	F2-3 up	GO:0015822	Metabolism	Transporters	ornithine transport	P	AT5G46800
39282	7	F23 vs. S23	F2-3 up	GO:0015131	Metabolism	Transporters	oxaloacetate transmembrane transporter activity	F	AT2G22500
39283	7	F23 vs. S23	F2-3 up	GO:0015131	Metabolism	Transporters	oxaloacetate transmembrane transporter activity	F	AT5G64290
39284	7	F23 vs. S23	F2-3 up	GO:0015729	Metabolism	Transporters	oxaloacetate transport	P	AT2G22500
39285	7	F23 vs. S23	F2-3 up	GO:0015729	Metabolism	Transporters	oxaloacetate transport	P	AT5G64290
39286	7	F23 vs. S23	F2-3 up	GO:0015367	Metabolism	Transporters	oxoglutarate:malate antiporter activity	F	AT5G64280
39287	7	F23 vs. S23	F2-3 up	GO:0015367	Metabolism	Transporters	oxoglutarate:malate antiporter activity	F	AT5G64290
39288	7	F23 vs. S23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT1G68570
39289	7	F23 vs. S23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT2G26690
39290	7	F23 vs. S23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT2G40460
39291	7	F23 vs. S23	F2-3 up	GO:1904680	Metabolism	Transporters	peptide transmembrane transporter activity	F	AT3G53960
39292	7	F23 vs. S23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT1G68570
39293	7	F23 vs. S23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT2G26690
39294	7	F23 vs. S23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT2G40460
39295	7	F23 vs. S23	F2-3 up	GO:0015333	Metabolism	Transporters	peptide:proton symporter activity	F	AT3G53960
39296	7	F23 vs. S23	F2-3 up	GO:0010233	Metabolism	Transporters	phloem transport	P	AT1G14920
39297	7	F23 vs. S23	F2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT1G67940
39298	7	F23 vs. S23	F2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT2G22500
39299	7	F23 vs. S23	F2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT5G14040
39300	7	F23 vs. S23	F2-3 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT1G63010
39301	7	F23 vs. S23	F2-3 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT3G29060
39302	7	F23 vs. S23	F2-3 up	GO:0015114	Metabolism	Transporters	phosphate ion transmembrane transporter activity	F	AT3G54700
39303	7	F23 vs. S23	F2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT1G63010
39304	7	F23 vs. S23	F2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G29060
39305	7	F23 vs. S23	F2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G54700
39306	7	F23 vs. S23	F2-3 up	GO:0015714	Metabolism	Transporters	phosphoenolpyruvate transport	P	AT1G61800
39307	7	F23 vs. S23	F2-3 up	GO:0015713	Metabolism	Transporters	phosphoglycerate transmembrane transport	P	AT1G61800
39308	7	F23 vs. S23	F2-3 up	GO:0015120	Metabolism	Transporters	phosphoglycerate transmembrane transporter activity	F	AT1G61800
39309	7	F23 vs. S23	F2-3 up	GO:0045332	Metabolism	Transporters	phospholipid translocation	P	AT1G54280
39310	7	F23 vs. S23	F2-3 up	GO:0015914	Metabolism	Transporters	phospholipid transport	P	AT4G36490
39311	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G06700
39312	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G09340
39313	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G09560

39314	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G09780
39315	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G11260
39316	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G11910
39317	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G20620
39318	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G28270
39319	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G41830
39320	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G47128
39321	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G65930
39322	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G76030
39323	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G78900
39324	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G16430
39325	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G18960
39326	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G19580
39327	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G21480
39328	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G23810
39329	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G24800
39330	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G34300
39331	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G34790
39332	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35840
39333	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36460
39334	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36880
39335	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G37130
39336	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G37620
39337	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G37870
39338	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G38750
39339	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39210
39340	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39700
39341	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44060
39342	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G44450
39343	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G03780
39344	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G05930
39345	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G07870
39346	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09440
39347	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G14420
39348	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G17390
39349	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G18780
39350	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G25290
39351	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G46830
39352	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G47960
39353	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G51250
39354	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G51600
39355	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G53420
39356	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G53780
39357	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G55440
39358	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G55610
39359	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G62290
39360	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G01850
39361	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G13930
39362	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G15630
39363	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G16143
39364	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G16370
39365	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G17530
39366	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G19410
39367	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G20260
39368	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G20890
39369	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G30100

39370	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G35060
39371	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G38400
39372	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G39110
39373	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G05170
39374	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G06320
39375	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G07250
39376	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09810
39377	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G11670
39378	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G13710
39379	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G16510
39380	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G22060
39381	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G22460
39382	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25980
39383	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G26700
39384	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G37600
39385	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G50000
39386	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G51970
39387	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G57350
39388	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G60660
39389	7	F23 vs. S23	F2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G62680
39390	7	F23 vs. S23	F2-3 up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT1G09560
39391	7	F23 vs. S23	F2-3 up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT3G05930
39392	7	F23 vs. S23	F2-3 up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT5G26700
39393	7	F23 vs. S23	F2-3 up	GO:0031204	Metabolism	Transporters	posttranslational protein targeting to membrane, translocation	P	AT3G20920
39394	7	F23 vs. S23	F2-3 up	GO:0071805	Metabolism	Transporters	potassium ion transmembrane transport	P	AT2G35060
39395	7	F23 vs. S23	F2-3 up	GO:0071805	Metabolism	Transporters	potassium ion transmembrane transport	P	AT4G33530
39396	7	F23 vs. S23	F2-3 up	GO:0071805	Metabolism	Transporters	potassium ion transmembrane transport	P	AT5G27150
39397	7	F23 vs. S23	F2-3 up	GO:0071805	Metabolism	Transporters	potassium ion transmembrane transport	P	AT5G51710
39398	7	F23 vs. S23	F2-3 up	GO:0015079	Metabolism	Transporters	potassium ion transmembrane transporter activity	F	AT2G35060
39399	7	F23 vs. S23	F2-3 up	GO:0015079	Metabolism	Transporters	potassium ion transmembrane transporter activity	F	AT4G33530
39400	7	F23 vs. S23	F2-3 up	GO:0015079	Metabolism	Transporters	potassium ion transmembrane transporter activity	F	AT5G51710
39401	7	F23 vs. S23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT1G79400
39402	7	F23 vs. S23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT2G35060
39403	7	F23 vs. S23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT3G17630
39404	7	F23 vs. S23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT4G33530
39405	7	F23 vs. S23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G51710
39406	7	F23 vs. S23	F2-3 up	GO:0006813	Metabolism	Transporters	potassium ion transport	P	AT5G53130
39407	7	F23 vs. S23	F2-3 up	GO:0015386	Metabolism	Transporters	potassium:proton antiporter activity	F	AT1G32450
39408	7	F23 vs. S23	F2-3 up	GO:0015386	Metabolism	Transporters	potassium:proton antiporter activity	F	AT5G27150
39409	7	F23 vs. S23	F2-3 up	GO:0015386	Metabolism	Transporters	potassium:proton antiporter activity	F	AT5G51710
39410	7	F23 vs. S23	F2-3 up	GO:0015399	Metabolism	Transporters	primary active transmembrane transporter activity	F	AT5G63850
39411	7	F23 vs. S23	F2-3 up	GO:0015824	Metabolism	Transporters	proline transport	P	AT2G39890
39412	7	F23 vs. S23	F2-3 up	GO:0045041	Metabolism	Transporters	protein import into mitochondrial intermembrane space	P	AT2G33210
39413	7	F23 vs. S23	F2-3 up	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT5G20010
39414	7	F23 vs. S23	F2-3 up	GO:0045040	Metabolism	Transporters	protein insertion into mitochondrial outer membrane	P	AT1G13900
39415	7	F23 vs. S23	F2-3 up	GO:1903292	Metabolism	Transporters	protein localization to Golgi membrane	P	AT3G22950
39416	7	F23 vs. S23	F2-3 up	GO:0072659	Metabolism	Transporters	protein localization to plasma membrane	P	AT1G03050
39417	7	F23 vs. S23	F2-3 up	GO:0006626	Metabolism	Transporters	protein targeting to mitochondrion	P	AT1G13900
39418	7	F23 vs. S23	F2-3 up	GO:0006623	Metabolism	Transporters	protein targeting to vacuole	P	AT3G52850
39419	7	F23 vs. S23	F2-3 up	GO:0006623	Metabolism	Transporters	protein targeting to vacuole	P	AT5G11710
39420	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G03550
39421	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G13890
39422	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G15880

39423	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G20840
39424	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G16370
39425	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G16520
39426	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G36490
39427	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G09550
39428	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G13150
39429	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G13990
39430	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G22950
39431	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G50230
39432	7	F23 vs. S23	F2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G59730
39433	7	F23 vs. S23	F2-3 up	GO:0015078	Metabolism	Transporters	proton transmembrane transporter activity	F	ATCG00480
39434	7	F23 vs. S23	F2-3 up	GO:0005345	Metabolism	Transporters	purine nucleobase transmembrane transporter activity	F	AT4G18220
39435	7	F23 vs. S23	F2-3 up	GO:0015211	Metabolism	Transporters	purine nucleoside transmembrane transporter activity	F	AT4G18220
39436	7	F23 vs. S23	F2-3 up	GO:0015865	Metabolism	Transporters	purine nucleotide transport	P	AT5G13490
39437	7	F23 vs. S23	F2-3 up	GO:1901979	Metabolism	Transporters	regulation of inward rectifier potassium channel activity	P	AT2G31500
39438	7	F23 vs. S23	F2-3 up	GO:0034765	Metabolism	Transporters	regulation of ion transmembrane transport	P	AT4G03560
39439	7	F23 vs. S23	F2-3 up	GO:0034765	Metabolism	Transporters	regulation of ion transmembrane transport	P	AT5G40890
39440	7	F23 vs. S23	F2-3 up	GO:0034765	Metabolism	Transporters	regulation of ion transmembrane transport	P	AT5G49890
39441	7	F23 vs. S23	F2-3 up	GO:0010155	Metabolism	Transporters	regulation of proton transport	P	AT3G45780
39442	7	F23 vs. S23	F2-3 up	GO:0048209	Metabolism	Transporters	regulation of vesicle targeting, to, from or within Golgi	P	AT1G15880
39443	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G11840
39444	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G11910
39445	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G21680
39446	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G41830
39447	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G47128
39448	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G64190
39449	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G73260
39450	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G43570
39451	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G02360
39452	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G04720
39453	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G10740
39454	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G29360
39455	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G49110
39456	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G53980
39457	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G01610
39458	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G15210
39459	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G19810
39460	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G30270
39461	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G08370
39462	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G25980
39463	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G43060
39464	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G57560
39465	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G57655
39466	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G60360
39467	7	F23 vs. S23	F2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G65760
39468	7	F23 vs. S23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G13890
39469	7	F23 vs. S23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G15880
39470	7	F23 vs. S23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G28490
39471	7	F23 vs. S23	F2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G61290
39472	7	F23 vs. S23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G03050
39473	7	F23 vs. S23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G15880
39474	7	F23 vs. S23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G25240

39475	7	F23 vs. S23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G28490
39476	7	F23 vs. S23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G61290
39477	7	F23 vs. S23	F2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT2G45990
39478	7	F23 vs. S23	F2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G15880
39479	7	F23 vs. S23	F2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G28490
39480	7	F23 vs. S23	F2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G61290
39481	7	F23 vs. S23	F2-3 up	GO:0035493	Metabolism	Transporters	SNARE complex assembly	P	AT2G45990
39482	7	F23 vs. S23	F2-3 up	GO:0098719	Metabolism	Transporters	sodium ion import across plasma membrane	P	AT5G27150
39483	7	F23 vs. S23	F2-3 up	GO:0035725	Metabolism	Transporters	sodium ion transmembrane transport	P	AT5G27150
39484	7	F23 vs. S23	F2-3 up	GO:0015081	Metabolism	Transporters	sodium ion transmembrane transporter activity	F	AT5G27150
39485	7	F23 vs. S23	F2-3 up	GO:0006814	Metabolism	Transporters	sodium ion transport	P	AT3G51860
39486	7	F23 vs. S23	F2-3 up	GO:0006814	Metabolism	Transporters	sodium ion transport	P	AT5G27150
39487	7	F23 vs. S23	F2-3 up	GO:0015385	Metabolism	Transporters	sodium:proton antiporter activity	F	AT1G79400
39488	7	F23 vs. S23	F2-3 up	GO:0015385	Metabolism	Transporters	sodium:proton antiporter activity	F	AT3G17630
39489	7	F23 vs. S23	F2-3 up	GO:0015385	Metabolism	Transporters	sodium:proton antiporter activity	F	AT5G27150
39490	7	F23 vs. S23	F2-3 up	GO:0015299	Metabolism	Transporters	solute:proton antiporter activity	F	AT1G79400
39491	7	F23 vs. S23	F2-3 up	GO:0015299	Metabolism	Transporters	solute:proton antiporter activity	F	AT3G17630
39492	7	F23 vs. S23	F2-3 up	GO:0015299	Metabolism	Transporters	solute:proton antiporter activity	F	AT5G51710
39493	7	F23 vs. S23	F2-3 up	GO:0071422	Metabolism	Transporters	succinate transmembrane transport	P	AT2G22500
39494	7	F23 vs. S23	F2-3 up	GO:0015141	Metabolism	Transporters	succinate transmembrane transporter activity	F	AT2G22500
39495	7	F23 vs. S23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT1G22710
39496	7	F23 vs. S23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT3G48740
39497	7	F23 vs. S23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT5G13170
39498	7	F23 vs. S23	F2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT5G50800
39499	7	F23 vs. S23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT1G22710
39500	7	F23 vs. S23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT3G19930
39501	7	F23 vs. S23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT3G48740
39502	7	F23 vs. S23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT5G13170
39503	7	F23 vs. S23	F2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT5G50800
39504	7	F23 vs. S23	F2-3 up	GO:0008506	Metabolism	Transporters	sucrose:proton symporter activity	F	AT1G22710
39505	7	F23 vs. S23	F2-3 up	GO:0008506	Metabolism	Transporters	sucrose:proton symporter activity	F	AT3G19930
39506	7	F23 vs. S23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT3G14770
39507	7	F23 vs. S23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT3G28007
39508	7	F23 vs. S23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT3G48740
39509	7	F23 vs. S23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G13170
39510	7	F23 vs. S23	F2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G50800
39511	7	F23 vs. S23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT2G14750
39512	7	F23 vs. S23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT3G22890
39513	7	F23 vs. S23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G21990
39514	7	F23 vs. S23	F2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G39940
39515	7	F23 vs. S23	F2-3 up	GO:0015116	Metabolism	Transporters	sulfate transmembrane transporter activity	F	AT2G22500
39516	7	F23 vs. S23	F2-3 up	GO:0008272	Metabolism	Transporters	sulfate transport	P	AT1G43700
39517	7	F23 vs. S23	F2-3 up	GO:0008272	Metabolism	Transporters	sulfate transport	P	AT2G22500
39518	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G24400
39519	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G32450
39520	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT1G58360
39521	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G21670
39522	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G54700
39523	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT5G01240
39524	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT5G40780
39525	7	F23 vs. S23	F2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT5G63850
39526	7	F23 vs. S23	F2-3 up	GO:0015117	Metabolism	Transporters	thiosulfate transmembrane transporter activity	F	AT2G22500
39527	7	F23 vs. S23	F2-3 up	GO:0015709	Metabolism	Transporters	thiosulfate transport	P	AT2G22500
39528	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G13900
39529	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G28490
39530	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G29470

39531	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G31130
39532	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G55850
39533	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G74380
39534	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G78240
39535	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G01270
39536	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G32530
39537	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G33100
39538	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G34300
39539	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G37940
39540	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G17430
39541	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G22950
39542	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G23300
39543	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G25140
39544	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G27230
39545	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G28180
39546	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G29060
39547	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G51070
39548	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G52850
39549	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G60800
39550	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G02500
39551	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G10440
39552	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G19120
39553	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G32410
39554	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G34960
39555	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G39350
39556	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G05170
39557	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G18280
39558	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G25610
39559	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G42090
39560	7	F23 vs. S23	F2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G65810
39561	7	F23 vs. S23	F2-3 up	GO:0046915	Metabolism	Transporters	transition metal ion transmembrane transporter activity	F	AT4G16370
39562	7	F23 vs. S23	F2-3 up	GO:1905011	Metabolism	Transporters	transmembrane phosphate ion transport from cytosol to vacuole	P	AT1G63010
39563	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G12600
39564	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G58030
39565	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G63010
39566	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G66950
39567	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G70610
39568	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G70940
39569	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G71960
39570	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G26910
39571	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G34660
39572	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G37180
39573	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G39210
39574	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G21250
39575	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G21670
39576	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G47420
39577	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G47960
39578	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G53420
39579	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G55100
39580	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G55640
39581	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G16370
39582	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G16480
39583	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G17550
39584	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G24120

39585	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT4G39030
39586	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G06530
39587	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G13490
39588	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G17400
39589	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G37810
39590	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G53550
39591	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G60660
39592	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G61700
39593	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G62680
39594	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G63850
39595	7	F23 vs. S23	F2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G64280
39596	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G11670
39597	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G12600
39598	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G21070
39599	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G58030
39600	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G61800
39601	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G61890
39602	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT2G02810
39603	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G17430
39604	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G45870
39605	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G47420
39606	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT3G55640
39607	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT4G00350
39608	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT4G17550
39609	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G40890
39610	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G47470
39611	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G49130
39612	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G49890
39613	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G52450
39614	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G57100
39615	7	F23 vs. S23	F2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT5G64280
39616	7	F23 vs. S23	F2-3 up	GO:0030133	Metabolism	Transporters	transport vesicle	C	AT1G61290
39617	7	F23 vs. S23	F2-3 up	GO:0030658	Metabolism	Transporters	transport vesicle membrane	C	AT1G03550
39618	7	F23 vs. S23	F2-3 up	GO:0030658	Metabolism	Transporters	transport vesicle membrane	C	AT2G20840
39619	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G65410
39620	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G67940
39621	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT1G70610
39622	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT4G04770
39623	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G02270
39624	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G44110
39625	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G60790
39626	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G61690
39627	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G61700
39628	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G64280
39629	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G64290
39630	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G64840
39631	7	F23 vs. S23	F2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G64940
39632	7	F23 vs. S23	F2-3 up	GO:0071917	Metabolism	Transporters	triose-phosphate transmembrane transporter activity	F	AT1G61800
39633	7	F23 vs. S23	F2-3 up	GO:0072334	Metabolism	Transporters	UDP-galactose transmembrane transport	P	AT2G02810
39634	7	F23 vs. S23	F2-3 up	GO:0005459	Metabolism	Transporters	UDP-galactose transmembrane transporter activity	F	AT1G21070
39635	7	F23 vs. S23	F2-3 up	GO:0005459	Metabolism	Transporters	UDP-galactose transmembrane transporter activity	F	AT2G02810
39636	7	F23 vs. S23	F2-3 up	GO:0005460	Metabolism	Transporters	UDP-glucose transmembrane transporter activity	F	AT2G02810
39637	7	F23 vs. S23	F2-3 up	GO:0005464	Metabolism	Transporters	UDP-xylose transmembrane transporter activity	F	AT5G57100
39638	7	F23 vs. S23	F2-3 up	GO:0015292	Metabolism	Transporters	uniporter activity	F	AT5G66650
39639	7	F23 vs. S23	F2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT1G80760

39640	7	F23 vs. S23	F2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT4G01470
39641	7	F23 vs. S23	F2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT4G01470
39642	7	F23 vs. S23	F2-3 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT2G17990
39643	7	F23 vs. S23	F2-3 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT3G52850
39644	7	F23 vs. S23	F2-3 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT5G45130
39645	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G13890
39646	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT2G15310
39647	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT2G37550
39648	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT3G22950
39649	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT3G62290
39650	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G17530
39651	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G09550
39652	7	F23 vs. S23	F2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G22950
39653	7	F23 vs. S23	F2-3 up	GO:0005245	Metabolism	Transporters	voltage-gated calcium channel activity	F	AT4G03560
39654	7	F23 vs. S23	F2-3 up	GO:0005247	Metabolism	Transporters	voltage-gated chloride channel activity	F	AT5G40890
39655	7	F23 vs. S23	F2-3 up	GO:0005247	Metabolism	Transporters	voltage-gated chloride channel activity	F	AT5G49890
39656	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT1G80760
39657	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G37180
39658	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G53420
39659	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT4G01470
39660	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT4G18910
39661	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT5G37810
39662	7	F23 vs. S23	F2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT5G60660
39663	7	F23 vs. S23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT2G37180
39664	7	F23 vs. S23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT3G53420
39665	7	F23 vs. S23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT4G01470
39666	7	F23 vs. S23	F2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT5G60660
39667	7	F23 vs. S23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT1G11670
39668	7	F23 vs. S23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT4G39030
39669	7	F23 vs. S23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT5G49130
39670	7	F23 vs. S23	F2-3 up	GO:0042910	Metabolism	Transporters	xenobiotic transmembrane transporter activity	F	AT5G52450
39671	7	F23 vs. S23	F2-3 up	GO:0042908	Metabolism	Transporters	xenobiotic transport	P	AT1G66950
39672	7	F23 vs. S23	F2-3 up	GO:1990388	Metabolism	Transporters	xylem-to-phloem iron transport	P	AT4G16370
39673	7	F23 vs. S23	F2-3 up	GO:0022883	Metabolism	Transporters	zinc efflux transmembrane transporter activity	F	AT2G48020
39674	7	F23 vs. S23	F2-3 up	GO:0071577	Metabolism	Transporters	zinc ion transmembrane transport	P	AT1G31260
39675	7	F23 vs. S23	F2-3 up	GO:0071577	Metabolism	Transporters	zinc ion transmembrane transport	P	AT2G30080
39676	7	F23 vs. S23	F2-3 up	GO:0005385	Metabolism	Transporters	zinc ion transmembrane transporter activity	F	AT1G31260
39677	7	F23 vs. S23	F2-3 up	GO:0005385	Metabolism	Transporters	zinc ion transmembrane transporter activity	F	AT2G30080
39678	7	F23 vs. S23	F2-3 up	GO:0006829	Metabolism	Transporters	zinc ion transport	P	AT2G48020
39679	7	F23 vs. S23	F2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT2G20560
39680	7	F23 vs. S23	F2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT3G47940
39681	7	F23 vs. S23	F2-3 up	GO:0006458	Regulation	Protein modification	'de novo' protein folding	P	AT2G33210
39682	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G01120
39683	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G07720
39684	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G11090
39685	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G16410
39686	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G23010
39687	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G44820
39688	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G54320
39689	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G55850
39690	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G67730
39691	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G68530
39692	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G70940
39693	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G73260
39694	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G76090
39695	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G24180

39696	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G32530
39697	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33150
39698	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33210
39699	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33410
39700	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34300
39701	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34460
39702	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34660
39703	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35490
39704	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G35840
39705	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36460
39706	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36580
39707	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36790
39708	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36880
39709	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37180
39710	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37550
39711	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37620
39712	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37760
39713	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37770
39714	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37860
39715	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37970
39716	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G39400
39717	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G40890
39718	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G41290
39719	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G46170
39720	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G46210
39721	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G03640
39722	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G12120
39723	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G13410
39724	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G13870
39725	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G20920
39726	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G21550
39727	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G52720
39728	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G52850
39729	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G57010
39730	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G57020
39731	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G60800
39732	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G61990
39733	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G66658
39734	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G24330
39735	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G24510
39736	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G27790
39737	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G30600
39738	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G33090
39739	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G33910
39740	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G34960
39741	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G36250
39742	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G37430
39743	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G37760
39744	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G11650
39745	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G13710
39746	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G37300
39747	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G40010
39748	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G43060
39749	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G45130
39750	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G47120
39751	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G47180

39752	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G50260
39753	7	F23 vs. S23	F2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G57655
39754	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G01120
39755	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G06090
39756	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G16410
39757	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G42990
39758	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G54320
39759	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G67730
39760	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G68530
39761	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G80510
39762	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G02810
39763	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G17370
39764	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G46170
39765	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G46210
39766	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G11900
39767	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G12120
39768	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G13870
39769	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G21550
39770	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G48520
39771	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G48780
39772	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G51070
39773	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G10440
39774	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G13770
39775	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G19120
39776	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G25720
39777	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G27630
39778	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G30600
39779	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G33910
39780	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G17400
39781	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G27150
39782	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G37300
39783	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G47120
39784	7	F23 vs. S23	F2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G47180
39785	7	F23 vs. S23	F2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT2G39730
39786	7	F23 vs. S23	F2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT5G48180
39787	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G01980
39788	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03050
39789	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03230
39790	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G03550
39791	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G07850
39792	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G09340
39793	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G11090
39794	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G13900
39795	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G15880
39796	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G21070
39797	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G25240
39798	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G28490
39799	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G29050
39800	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G29470
39801	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G30620
39802	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G31130
39803	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G43890
39804	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G47128
39805	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G54320
39806	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G55850
39807	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G61800

39808	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G63010
39809	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G74380
39810	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G75220
39811	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G76030
39812	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G78240
39813	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G78900
39814	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G01270
39815	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G15310
39816	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G18960
39817	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G20840
39818	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G23810
39819	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G24180
39820	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G27860
39821	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G28110
39822	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G29050
39823	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G32530
39824	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G33100
39825	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G34300
39826	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G34850
39827	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G37550
39828	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G37970
39829	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G38670
39830	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G38750
39831	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39400
39832	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39730
39833	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G40100
39834	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G40290
39835	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G44060
39836	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G44450
39837	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G02230
39838	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G06260
39839	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G09440
39840	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G12580
39841	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16100
39842	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G17430
39843	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G22950
39844	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G23300
39845	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G25140
39846	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G27230
39847	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G28150
39848	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G28180
39849	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G29060
39850	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G44190
39851	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G46830
39852	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G47960
39853	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G52850
39854	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G57330
39855	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G58730
39856	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G60800
39857	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G62290
39858	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G02500
39859	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G03560
39860	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G10440
39861	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G13990
39862	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G16590
39863	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G17530

39864	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G19120
39865	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G20460
39866	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G20890
39867	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G24330
39868	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G30270
39869	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G32410
39870	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G33910
39871	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G34960
39872	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G38510
39873	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G38740
39874	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G39350
39875	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G05170
39876	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G06320
39877	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G11650
39878	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G11710
39879	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G15470
39880	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G15740
39881	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16510
39882	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G18280
39883	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G20010
39884	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G25610
39885	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G42090
39886	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G47910
39887	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G53530
39888	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G57100
39889	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G57560
39890	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G57655
39891	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G62220
39892	7	F23 vs. S23	F2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G65810
39893	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G03550
39894	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G15880
39895	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G21070
39896	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G29470
39897	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G52360
39898	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G54320
39899	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G55850
39900	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G74380
39901	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G78240
39902	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G20840
39903	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G28110
39904	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G29050
39905	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G32530
39906	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G33100
39907	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G34300
39908	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G44500
39909	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G47040
39910	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G06260
39911	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G13870
39912	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G23300
39913	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G25140
39914	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G28180
39915	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G52850
39916	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G02500
39917	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G13990
39918	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G16590
39919	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G17530

39920	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G27630
39921	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G36490
39922	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G07250
39923	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G13170
39924	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G15470
39925	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G15740
39926	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G18280
39927	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G27150
39928	7	F23 vs. S23	F2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G65810
39929	7	F23 vs. S23	F2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT1G12600
39930	7	F23 vs. S23	F2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT2G01270
39931	7	F23 vs. S23	F2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT2G02810
39932	7	F23 vs. S23	F2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT2G37940
39933	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G29470
39934	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G48600
39935	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G76090
39936	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G78240
39937	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G34300
39938	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G43920
39939	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT2G45990
39940	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G03780
39941	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G18000
39942	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G23300
39943	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G27230
39944	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G51070
39945	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G10440
39946	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G17080
39947	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G19120
39948	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G34050
39949	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G35150
39950	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G13710
39951	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G20980
39952	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G40690
39953	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G49810
39954	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G55250
39955	7	F23 vs. S23	F2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G65810
39956	7	F23 vs. S23	F2-3 up	GO:0031365	Regulation	Protein modification	N-terminal protein amino acid modification	P	AT1G13270
39957	7	F23 vs. S23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT2G15310
39958	7	F23 vs. S23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT3G22950
39959	7	F23 vs. S23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT3G62290
39960	7	F23 vs. S23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT4G20260
39961	7	F23 vs. S23	F2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G39400
39962	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT1G09340
39963	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT1G32060
39964	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G12780
39965	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G25760
39966	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G26650
39967	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G52880
39968	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	AT3G55440
39969	7	F23 vs. S23	F2-3 up	GO:0018119	Regulation	Protein modification	peptidyl-cysteine S-nitrosylation	P	ATCG00490
39970	7	F23 vs. S23	F2-3 up	GO:0018230	Regulation	Protein modification	peptidyl-L-cysteine S-palmitoylation	P	AT3G60800
39971	7	F23 vs. S23	F2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G34960
39972	7	F23 vs. S23	F2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G38740
39973	7	F23 vs. S23	F2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT5G13410
39974	7	F23 vs. S23	F2-3 up	GO:0017186	Regulation	Protein modification	peptidyl-pyroglutamic acid biosynthetic process, using glutaminyl-peptide cyclotransferase	P	AT4G25720

39975	7	F23 vs. S23	F2-3 up	GO:0016540	Regulation	Protein modification	protein autoprocessing	P	AT3G16150
39976	7	F23 vs. S23	F2-3 up	GO:0016540	Regulation	Protein modification	protein autoprocessing	P	AT5G08100
39977	7	F23 vs. S23	F2-3 up	GO:0036524	Regulation	Protein modification	protein deglycase activity	F	AT1G53280
39978	7	F23 vs. S23	F2-3 up	GO:0036529	Regulation	Protein modification	protein deglycation, glyoxal removal	P	AT1G53280
39979	7	F23 vs. S23	F2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT5G04250
39980	7	F23 vs. S23	F2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT5G22030
39981	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G09250
39982	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G12780
39983	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G59640
39984	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G63180
39985	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G77980
39986	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT3G54340
39987	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G02590
39988	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G23920
39989	7	F23 vs. S23	F2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G35150
39990	7	F23 vs. S23	F2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT2G01270
39991	7	F23 vs. S23	F2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT4G13670
39992	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G03850
39993	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G28480
39994	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G59730
39995	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT1G64500
39996	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G15360
39997	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G28850
39998	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G62960
39999	7	F23 vs. S23	F2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT5G18600
40000	7	F23 vs. S23	F2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT1G26480
40001	7	F23 vs. S23	F2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G09440
40002	7	F23 vs. S23	F2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT3G12580
40003	7	F23 vs. S23	F2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G22060
40004	7	F23 vs. S23	F2-3 up	GO:0010731	Regulation	Protein modification	protein glutathionylation	P	AT5G02790
40005	7	F23 vs. S23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT2G28110
40006	7	F23 vs. S23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT3G02570
40007	7	F23 vs. S23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT4G13990
40008	7	F23 vs. S23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT5G04500
40009	7	F23 vs. S23	F2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT5G58770
40010	7	F23 vs. S23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT1G69120
40011	7	F23 vs. S23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G13570
40012	7	F23 vs. S23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G35940
40013	7	F23 vs. S23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT3G16050
40014	7	F23 vs. S23	F2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G01410
40015	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G45474
40016	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G16500
40017	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G19570
40018	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G21280
40019	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G35940
40020	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G01680
40021	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G28180
40022	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G02500
40023	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G34710
40024	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G35630
40025	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G01410
40026	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G54770
40027	7	F23 vs. S23	F2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G63860
40028	7	F23 vs. S23	F2-3 up	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT3G28007
40029	7	F23 vs. S23	F2-3 up	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT3G48740
40030	7	F23 vs. S23	F2-3 up	GO:0051289	Regulation	Protein modification	protein homotetramerization	P	AT1G32640

40031	7	F23 vs. S23	F2-3 up	GO:0005956	Regulation	Protein modification	protein kinase CK2 complex	C	AT3G50000
40032	7	F23 vs. S23	F2-3 up	GO:0008276	Regulation	Protein modification	protein methyltransferase activity	F	AT3G61990
40033	7	F23 vs. S23	F2-3 up	GO:0045116	Regulation	Protein modification	protein neddylation	P	AT3G28970
40034	7	F23 vs. S23	F2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT4G34960
40035	7	F23 vs. S23	F2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT4G38740
40036	7	F23 vs. S23	F2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT1G43700
40037	7	F23 vs. S23	F2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G01680
40038	7	F23 vs. S23	F2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT4G11570
40039	7	F23 vs. S23	F2-3 up	GO:0050821	Regulation	Protein modification	protein stabilization	P	AT5G61670
40040	7	F23 vs. S23	F2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT5G20620
40041	7	F23 vs. S23	F2-3 up	GO:0006605	Regulation	Protein modification	protein targeting	P	AT4G30600
40042	7	F23 vs. S23	F2-3 up	GO:0045047	Regulation	Protein modification	protein targeting to ER	P	AT4G30600
40043	7	F23 vs. S23	F2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT3G60800
40044	7	F23 vs. S23	F2-3 up	GO:0051262	Regulation	Protein modification	protein tetramerization	P	AT1G53310
40045	7	F23 vs. S23	F2-3 up	GO:0051262	Regulation	Protein modification	protein tetramerization	P	AT5G50950
40046	7	F23 vs. S23	F2-3 up	GO:0019707	Regulation	Protein modification	protein-cysteine S-acyltransferase activity	F	AT3G60800
40047	7	F23 vs. S23	F2-3 up	GO:0019706	Regulation	Protein modification	protein-cysteine S-palmitoyltransferase activity	F	AT3G60800
40048	7	F23 vs. S23	F2-3 up	GO:0050790	Regulation	Protein modification	regulation of catalytic activity	P	AT1G02305
40049	7	F23 vs. S23	F2-3 up	GO:0050790	Regulation	Protein modification	regulation of catalytic activity	P	AT4G01610
40050	7	F23 vs. S23	F2-3 up	GO:0006614	Regulation	Protein modification	SRP-dependent cotranslational protein targeting to membrane	P	AT4G30600
40051	7	F23 vs. S23	F2-3 up	GO:0018316	Regulation	Protein modification	peptide cross-linking via L-cystine	P	AT3G62410
40052	7	F23 vs. S23	F2-3 up	GO:0030835	Regulation	Regulation	negative regulation of actin filament depolymerization	P	AT1G76030
40053	7	F23 vs. S23	F2-3 up	GO:0030835	Regulation	Regulation	negative regulation of actin filament depolymerization	P	AT4G38510
40054	7	F23 vs. S23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT2G47050
40055	7	F23 vs. S23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT3G15360
40056	7	F23 vs. S23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT4G02250
40057	7	F23 vs. S23	F2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G50030
40058	7	F23 vs. S23	F2-3 up	GO:0045596	Regulation	Regulation	negative regulation of cell differentiation	P	AT1G43700
40059	7	F23 vs. S23	F2-3 up	GO:0045926	Regulation	Regulation	negative regulation of growth	P	AT3G16800
40060	7	F23 vs. S23	F2-3 up	GO:1901332	Regulation	Regulation	negative regulation of lateral root development	P	AT1G77000
40061	7	F23 vs. S23	F2-3 up	GO:0031115	Regulation	Regulation	negative regulation of microtubule polymerization	P	AT4G20260
40062	7	F23 vs. S23	F2-3 up	GO:2000122	Regulation	Regulation	negative regulation of stomatal complex development	P	AT3G01500
40063	7	F23 vs. S23	F2-3 up	GO:0051511	Regulation	Regulation	negative regulation of unidimensional cell growth	P	AT4G20260
40064	7	F23 vs. S23	F2-3 up	GO:1904143	Regulation	Regulation	positive regulation of carotenoid biosynthetic process	P	AT5G61670
40065	7	F23 vs. S23	F2-3 up	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT3G15030
40066	7	F23 vs. S23	F2-3 up	GO:0048639	Regulation	Regulation	positive regulation of developmental growth	P	AT5G65810
40067	7	F23 vs. S23	F2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G08370
40068	7	F23 vs. S23	F2-3 up	GO:0080114	Regulation	Regulation	positive regulation of glycine hydroxymethyltransferase activity	P	AT5G04140
40069	7	F23 vs. S23	F2-3 up	GO:0045927	Regulation	Regulation	positive regulation of growth	P	AT3G05500
40070	7	F23 vs. S23	F2-3 up	GO:1901333	Regulation	Regulation	positive regulation of lateral root development	P	AT5G49660
40071	7	F23 vs. S23	F2-3 up	GO:0031117	Regulation	Regulation	positive regulation of microtubule depolymerization	P	AT4G20260
40072	7	F23 vs. S23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT1G75220
40073	7	F23 vs. S23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT2G43820
40074	7	F23 vs. S23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT3G22840
40075	7	F23 vs. S23	F2-3 up	GO:0010030	Regulation	Regulation	positive regulation of seed germination	P	AT4G14690
40076	7	F23 vs. S23	F2-3 up	GO:1902458	Regulation	Regulation	positive regulation of stomatal opening	P	AT2G20890
40077	7	F23 vs. S23	F2-3 up	GO:0051512	Regulation	Regulation	positive regulation of unidimensional cell growth	P	AT5G65810
40078	7	F23 vs. S23	F2-3 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT2G13680
40079	7	F23 vs. S23	F2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT3G21890
40080	7	F23 vs. S23	F2-3 up	GO:0010439	Regulation	Regulation	regulation of glucosinolate biosynthetic process	P	AT2G14750

40081	7	F23 vs. S23	F2-3 up	GO:0010439	Regulation	Regulation	regulation of glucosinolate biosynthetic process	P	AT4G39940
40082	7	F23 vs. S23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G78370
40083	7	F23 vs. S23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G54950
40084	7	F23 vs. S23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G61880
40085	7	F23 vs. S23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT5G47880
40086	7	F23 vs. S23	F2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT5G56750
40087	7	F23 vs. S23	F2-3 up	GO:2000023	Regulation	Regulation	regulation of lateral root development	P	AT5G49660
40088	7	F23 vs. S23	F2-3 up	GO:2000025	Regulation	Regulation	regulation of leaf formation	P	AT5G50320
40089	7	F23 vs. S23	F2-3 up	GO:1901141	Regulation	Regulation	regulation of lignin biosynthetic process	P	AT5G49660
40090	7	F23 vs. S23	F2-3 up	GO:1905038	Regulation	Regulation	regulation of membrane lipid metabolic process	P	AT1G54280
40091	7	F23 vs. S23	F2-3 up	GO:0006808	Regulation	Regulation	regulation of nitrogen utilization	P	AT1G14920
40092	7	F23 vs. S23	F2-3 up	GO:1905421	Regulation	Regulation	regulation of plant organ morphogenesis	P	AT3G63310
40093	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G28270
40094	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G50610
40095	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT1G77980
40096	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G13680
40097	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G21480
40098	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT2G31500
40099	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT3G20190
40100	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT4G39110
40101	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT5G13150
40102	7	F23 vs. S23	F2-3 up	GO:0080092	Regulation	Regulation	regulation of pollen tube growth	P	AT5G13990
40103	7	F23 vs. S23	F2-3 up	GO:0010082	Regulation	Regulation	regulation of root meristem growth	P	AT1G70940
40104	7	F23 vs. S23	F2-3 up	GO:2000652	Regulation	Regulation	regulation of secondary cell wall biogenesis	P	AT1G32640
40105	7	F23 vs. S23	F2-3 up	GO:2000652	Regulation	Regulation	regulation of secondary cell wall biogenesis	P	AT5G49660
40106	7	F23 vs. S23	F2-3 up	GO:2000032	Regulation	Regulation	regulation of secondary shoot formation	P	AT3G15030
40107	7	F23 vs. S23	F2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT3G15030
40108	7	F23 vs. S23	F2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT4G36710
40109	7	F23 vs. S23	F2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT5G49660
40110	7	F23 vs. S23	F2-3 up	GO:1901401	Regulation	Regulation	regulation of tetrapyrrole metabolic process	P	AT3G56940
40111	7	F23 vs. S23	F2-3 up	GO:0070940	Regulation	Transcription	dephosphorylation of RNA polymerase II C-terminal domain	P	AT5G58003
40112	7	F23 vs. S23	F2-3 up	GO:0001216	Regulation	Transcription	DNA-binding transcription activator activity	F	AT3G15030
40113	7	F23 vs. S23	F2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT4G02590
40114	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G01720
40115	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G09250
40116	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G14920
40117	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G23380
40118	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G26610
40119	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G27730
40120	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G32640
40121	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G35490
40122	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G42990
40123	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G43700
40124	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G59640
40125	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G64800
40126	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G64860
40127	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G69120
40128	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G77980
40129	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G80840
40130	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G13570
40131	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G27050
40132	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G35940
40133	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G40140
40134	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G40750

40135	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G04070
40136	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G15030
40137	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G15540
40138	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G21270
40139	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G21890
40140	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G24490
40141	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G46600
40142	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G46640
40143	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G50060
40144	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G54340
40145	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G57600
40146	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G02590
40147	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G17500
40148	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G25490
40149	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G27410
40150	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G36710
40151	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G36740
40152	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G37260
40153	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G04760
40154	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G13180
40155	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G20240
40156	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G24120
40157	7	F23 vs. S23	F2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G67300
40158	7	F23 vs. S23	F2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT5G59180
40159	7	F23 vs. S23	F2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT1G64860
40160	7	F23 vs. S23	F2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT5G24120
40161	7	F23 vs. S23	F2-3 up	GO:0032783	Regulation	Transcription	ELL-EAF complex	C	AT1G71080
40162	7	F23 vs. S23	F2-3 up	GO:0033588	Regulation	Transcription	Elongator holoenzyme complex	C	AT5G50320
40163	7	F23 vs. S23	F2-3 up	GO:0016458	Regulation	Transcription	gene silencing	P	AT3G02470
40164	7	F23 vs. S23	F2-3 up	GO:0004818	Regulation	Transcription	glutamate-tRNA ligase activity	F	AT5G64050
40165	7	F23 vs. S23	F2-3 up	GO:0008883	Regulation	Transcription	glutamyl-tRNA reductase activity	F	AT1G58290
40166	7	F23 vs. S23	F2-3 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G50320
40167	7	F23 vs. S23	F2-3 up	GO:0004407	Regulation	Transcription	histone deacetylase activity	F	AT3G44680
40168	7	F23 vs. S23	F2-3 up	GO:0000118	Regulation	Transcription	histone deacetylase complex	C	AT3G44680
40169	7	F23 vs. S23	F2-3 up	GO:0070932	Regulation	Transcription	histone H3 deacetylation	P	AT3G44680
40170	7	F23 vs. S23	F2-3 up	GO:0043970	Regulation	Transcription	histone H3-K9 acetylation	P	AT5G09230
40171	7	F23 vs. S23	F2-3 up	GO:1990619	Regulation	Transcription	histone H3-K9 deacetylation	P	AT3G44680
40172	7	F23 vs. S23	F2-3 up	GO:0070933	Regulation	Transcription	histone H4 deacetylation	P	AT3G44680
40173	7	F23 vs. S23	F2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G22760
40174	7	F23 vs. S23	F2-3 up	GO:0032041	Regulation	Transcription	NAD-dependent histone deacetylase activity (H3-K14 specific)	F	AT3G44680
40175	7	F23 vs. S23	F2-3 up	GO:2000143	Regulation	Transcription	negative regulation of DNA-templated transcription, initiation	P	AT3G48510
40176	7	F23 vs. S23	F2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT1G03850
40177	7	F23 vs. S23	F2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT1G28480
40178	7	F23 vs. S23	F2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT5G18600
40179	7	F23 vs. S23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G27730
40180	7	F23 vs. S23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G80840
40181	7	F23 vs. S23	F2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G13180
40182	7	F23 vs. S23	F2-3 up	GO:0031380	Regulation	Transcription	nuclear RNA-directed RNA polymerase complex	C	AT1G14790
40183	7	F23 vs. S23	F2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT2G46340
40184	7	F23 vs. S23	F2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT3G44260
40185	7	F23 vs. S23	F2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT5G22250

40186	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G07370
40187	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G33150
40188	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G17390
40189	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G26030
40190	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G50000
40191	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G52300
40192	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G01850
40193	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G16143
40194	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G08690
40195	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G09810
40196	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G50850
40197	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G60990
40198	7	F23 vs. S23	F2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G65140
40199	7	F23 vs. S23	F2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G47128
40200	7	F23 vs. S23	F2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT3G44260
40201	7	F23 vs. S23	F2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT5G10960
40202	7	F23 vs. S23	F2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT5G22250
40203	7	F23 vs. S23	F2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT5G59180
40204	7	F23 vs. S23	F2-3 up	GO:0070816	Regulation	Transcription	phosphorylation of RNA polymerase II C-terminal domain	P	AT1G09600
40205	7	F23 vs. S23	F2-3 up	GO:0000427	Regulation	Transcription	plastid-encoded plastid RNA polymerase complex	C	AT1G09340
40206	7	F23 vs. S23	F2-3 up	GO:0000427	Regulation	Transcription	plastid-encoded plastid RNA polymerase complex	C	AT4G13670
40207	7	F23 vs. S23	F2-3 up	GO:0008143	Regulation	Transcription	poly(A) binding	F	AT1G22760
40208	7	F23 vs. S23	F2-3 up	GO:0060213	Regulation	Transcription	positive regulation of nuclear-transcribed mRNA poly(A) tail shortening	P	AT5G59180
40209	7	F23 vs. S23	F2-3 up	GO:1903508	Regulation	Transcription	positive regulation of nucleic acid-templated transcription	P	AT1G14920
40210	7	F23 vs. S23	F2-3 up	GO:0060148	Regulation	Transcription	positive regulation of posttranscriptional gene silencing	P	AT1G14790
40211	7	F23 vs. S23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G69120
40212	7	F23 vs. S23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G77980
40213	7	F23 vs. S23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G44680
40214	7	F23 vs. S23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G54340
40215	7	F23 vs. S23	F2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G20240
40216	7	F23 vs. S23	F2-3 up	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT1G09600
40217	7	F23 vs. S23	F2-3 up	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT1G75510
40218	7	F23 vs. S23	F2-3 up	GO:0006990	Regulation	Transcription	positive regulation of transcription from RNA polymerase II promoter involved in unfolded protein response	P	AT1G42990
40219	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G09340
40220	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G32640
40221	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G69120
40222	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G73500
40223	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G13570
40224	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G57600
40225	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G17500
40226	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G25490
40227	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G27410
40228	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G36740

40229	7	F23 vs. S23	F2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G24120
40230	7	F23 vs. S23	F2-3 up	GO:0070919	Regulation	Transcription	production of siRNA involved in chromatin silencing by small RNA	P	AT1G14790
40231	7	F23 vs. S23	F2-3 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT1G14790
40232	7	F23 vs. S23	F2-3 up	GO:0051090	Regulation	Transcription	regulation of DNA-binding transcription factor activity	P	AT1G32640
40233	7	F23 vs. S23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT1G09340
40234	7	F23 vs. S23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT1G18150
40235	7	F23 vs. S23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT3G46640
40236	7	F23 vs. S23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT4G01370
40237	7	F23 vs. S23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT4G28490
40238	7	F23 vs. S23	F2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT5G13650
40239	7	F23 vs. S23	F2-3 up	GO:2001141	Regulation	Transcription	regulation of RNA biosynthetic process	P	AT1G64860
40240	7	F23 vs. S23	F2-3 up	GO:2001141	Regulation	Transcription	regulation of RNA biosynthetic process	P	AT5G24120
40241	7	F23 vs. S23	F2-3 up	GO:0043619	Regulation	Transcription	regulation of transcription from RNA polymerase II promoter in response to oxidative stress	P	AT1G32640
40242	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G01720
40243	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G23380
40244	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G26610
40245	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G43700
40246	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G59640
40247	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G64800
40248	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G64860
40249	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G71080
40250	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G77980
40251	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G35940
40252	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G40140
40253	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G40750
40254	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G04070
40255	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G12320
40256	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G15030
40257	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G15540
40258	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21270
40259	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G21890
40260	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G24490
40261	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G46600
40262	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G46640
40263	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G50060
40264	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G02590
40265	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G13670
40266	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G17500
40267	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G27410
40268	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G36710
40269	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37260
40270	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G04760
40271	7	F23 vs. S23	F2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G67300
40272	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G09340
40273	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G14790
40274	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G22760
40275	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G26820
40276	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G32790
40277	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G54290
40278	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G02990
40279	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G33210
40280	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G33410
40281	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G06980

40282	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G19090
40283	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G22310
40284	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G44260
40285	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G30100
40286	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G10960
40287	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G15390
40288	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G22250
40289	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G56140
40290	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G58003
40291	7	F23 vs. S23	F2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G60990
40292	7	F23 vs. S23	F2-3 up	GO:0034337	Regulation	Transcription	RNA folding	P	AT1G12800
40293	7	F23 vs. S23	F2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT1G10330
40294	7	F23 vs. S23	F2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT3G46790
40295	7	F23 vs. S23	F2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G09600
40296	7	F23 vs. S23	F2-3 up	GO:0008420	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat phosphatase activity	F	AT5G58003
40297	7	F23 vs. S23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G69120
40298	7	F23 vs. S23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G77980
40299	7	F23 vs. S23	F2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G54340
40300	7	F23 vs. S23	F2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT5G59180
40301	7	F23 vs. S23	F2-3 up	GO:0003968	Regulation	Transcription	RNA-directed 5'-3' RNA polymerase activity	F	AT1G14790
40302	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G14920
40303	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G27730
40304	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G32640
40305	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G43700
40306	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G59640
40307	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G69120
40308	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G77980
40309	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G13570
40310	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G27050
40311	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G40750
40312	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G04070
40313	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G15030
40314	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G24490
40315	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G44680
40316	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G46600
40317	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G50060
40318	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G54340
40319	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G57600
40320	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G27410
40321	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G36710
40322	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G36740
40323	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G37260
40324	7	F23 vs. S23	F2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G67300
40325	7	F23 vs. S23	F2-3 up	GO:1990837	Regulation	Transcription	sequence-specific double-stranded DNA binding	F	AT3G15030
40326	7	F23 vs. S23	F2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT1G14920
40327	7	F23 vs. S23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G69120
40328	7	F23 vs. S23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G77980
40329	7	F23 vs. S23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G54340
40330	7	F23 vs. S23	F2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G24780
40331	7	F23 vs. S23	F2-3 up	GO:0005674	Regulation	Transcription	transcription factor TFIIF complex	C	AT1G75510

40332	7	F23 vs. S23	F2-3 up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT1G75510
40333	7	F23 vs. S23	F2-3 up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT5G59180
40334	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G01720
40335	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G01780
40336	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G14920
40337	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G23380
40338	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G26610
40339	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G27730
40340	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G32640
40341	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G43700
40342	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G69120
40343	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G77980
40344	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G80840
40345	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G27050
40346	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G40750
40347	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G04070
40348	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21270
40349	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G21890
40350	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G24490
40351	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G46600
40352	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G50060
40353	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G54340
40354	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G57600
40355	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G17500
40356	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G27410
40357	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37260
40358	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G20240
40359	7	F23 vs. S23	F2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G67300
40360	7	F23 vs. S23	F2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G18070
40361	7	F23 vs. S23	F2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G44770
40362	7	F23 vs. S23	F2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G62750
40363	7	F23 vs. S23	F2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G71080
40364	7	F23 vs. S23	F2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT5G43150
40365	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G17220
40366	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G18070
40367	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G22760
40368	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G54290
40369	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G75510
40370	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT2G40290
40371	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT3G19030
40372	7	F23 vs. S23	F2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G35250
40373	7	F23 vs. S23	F2-3 up	GO:0030014	Regulation	Translation	CCR4-NOT complex	C	AT3G48070
40374	7	F23 vs. S23	F2-3 up	GO:0030015	Regulation	Translation	CCR4-NOT core complex	C	AT3G44260
40375	7	F23 vs. S23	F2-3 up	GO:0030015	Regulation	Translation	CCR4-NOT core complex	C	AT5G10960
40376	7	F23 vs. S23	F2-3 up	GO:0030015	Regulation	Translation	CCR4-NOT core complex	C	AT5G22250
40377	7	F23 vs. S23	F2-3 up	GO:0002184	Regulation	Translation	cytoplasmic translational termination	P	AT1G18070
40378	7	F23 vs. S23	F2-3 up	GO:0002184	Regulation	Translation	cytoplasmic translational termination	P	AT5G47880
40379	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G01120
40380	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G07610
40381	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G11860
40382	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G20620
40383	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G20630
40384	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G48630
40385	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G66200

40386	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G21330
40387	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G02230
40388	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G09440
40389	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G14420
40390	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G18080
40391	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G52300
40392	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G37930
40393	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G25980
40394	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G35630
40395	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G37600
40396	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G38420
40397	7	F23 vs. S23	F2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	ATCG00490
40398	7	F23 vs. S23	F2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G48630
40399	7	F23 vs. S23	F2-3 up	GO:0033290	Regulation	Translation	eukaryotic 48S preinitiation complex	C	AT2G40290
40400	7	F23 vs. S23	F2-3 up	GO:0005850	Regulation	Translation	eukaryotic translation initiation factor 2 complex	C	AT2G40290
40401	7	F23 vs. S23	F2-3 up	GO:0005851	Regulation	Translation	eukaryotic translation initiation factor 2B complex	C	AT2G40290
40402	7	F23 vs. S23	F2-3 up	GO:0006424	Regulation	Translation	glutamyl-tRNA aminoacylation	P	AT5G64050
40403	7	F23 vs. S23	F2-3 up	GO:0000373	Regulation	Translation	Group II intron splicing	P	AT3G22310
40404	7	F23 vs. S23	F2-3 up	GO:0005763	Regulation	Translation	mitochondrial small ribosomal subunit	C	ATCG00160
40405	7	F23 vs. S23	F2-3 up	GO:0003730	Regulation	Translation	mRNA 3'-UTR binding	F	AT1G22760
40406	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G12800
40407	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G20620
40408	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G32790
40409	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G79270
40410	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G33410
40411	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G38750
40412	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G40290
40413	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G17390
40414	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G45780
40415	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G53420
40416	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G20890
40417	7	F23 vs. S23	F2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G30510
40418	7	F23 vs. S23	F2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT1G31870
40419	7	F23 vs. S23	F2-3 up	GO:0043614	Regulation	Translation	multi-eIF complex	C	AT2G40290
40420	7	F23 vs. S23	F2-3 up	GO:0000288	Regulation	Translation	nuclear-transcribed mRNA catabolic process, deadenylation-dependent decay	P	AT1G18070
40421	7	F23 vs. S23	F2-3 up	GO:0000291	Regulation	Translation	nuclear-transcribed mRNA catabolic process, exonucleolytic	P	AT5G59180
40422	7	F23 vs. S23	F2-3 up	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT1G22760
40423	7	F23 vs. S23	F2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT3G44260
40424	7	F23 vs. S23	F2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT5G10960
40425	7	F23 vs. S23	F2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT5G22250
40426	7	F23 vs. S23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G20020
40427	7	F23 vs. S23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G22760
40428	7	F23 vs. S23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT1G68010
40429	7	F23 vs. S23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT3G50820
40430	7	F23 vs. S23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT4G37930
40431	7	F23 vs. S23	F2-3 up	GO:0008266	Regulation	Translation	poly(U) RNA binding	F	AT5G08690
40432	7	F23 vs. S23	F2-3 up	GO:0031426	Regulation	Translation	polycistronic mRNA processing	P	AT3G46790
40433	7	F23 vs. S23	F2-3 up	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT1G09340
40434	7	F23 vs. S23	F2-3 up	GO:0045727	Regulation	Translation	positive regulation of translation	P	AT3G08730
40435	7	F23 vs. S23	F2-3 up	GO:0045948	Regulation	Translation	positive regulation of translational initiation	P	AT5G59180
40436	7	F23 vs. S23	F2-3 up	GO:0060211	Regulation	Translation	regulation of nuclear-transcribed mRNA poly(A) tail shortening	P	AT1G22760
40437	7	F23 vs. S23	F2-3 up	GO:0051252	Regulation	Translation	regulation of RNA metabolic process	P	AT3G02770

40438	7	F23 vs. S23	F2-3 up	GO:0051252	Regulation	Translation	regulation of RNA metabolic process	P	AT5G16450
40439	7	F23 vs. S23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G21760
40440	7	F23 vs. S23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G22760
40441	7	F23 vs. S23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G48630
40442	7	F23 vs. S23	F2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT1G54290
40443	7	F23 vs. S23	F2-3 up	GO:0070274	Regulation	Translation	RES complex	C	AT1G31870
40444	7	F23 vs. S23	F2-3 up	GO:0072344	Regulation	Translation	rescue of stalled ribosome	P	AT1G48630
40445	7	F23 vs. S23	F2-3 up	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT2G02990
40446	7	F23 vs. S23	F2-3 up	GO:0004540	Regulation	Translation	ribonuclease activity	F	AT3G04720
40447	7	F23 vs. S23	F2-3 up	GO:0008428	Regulation	Translation	ribonuclease inhibitor activity	F	AT3G02770
40448	7	F23 vs. S23	F2-3 up	GO:0008428	Regulation	Translation	ribonuclease inhibitor activity	F	AT5G16450
40449	7	F23 vs. S23	F2-3 up	GO:0033897	Regulation	Translation	ribonuclease T2 activity	F	AT1G26820
40450	7	F23 vs. S23	F2-3 up	GO:0033897	Regulation	Translation	ribonuclease T2 activity	F	AT2G02990
40451	7	F23 vs. S23	F2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT1G22760
40452	7	F23 vs. S23	F2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT2G33410
40453	7	F23 vs. S23	F2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT3G19090
40454	7	F23 vs. S23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G09340
40455	7	F23 vs. S23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G12800
40456	7	F23 vs. S23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT2G18400
40457	7	F23 vs. S23	F2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G30510
40458	7	F23 vs. S23	F2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT1G48630
40459	7	F23 vs. S23	F2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT2G40290
40460	7	F23 vs. S23	F2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT1G48630
40461	7	F23 vs. S23	F2-3 up	GO:0032790	Regulation	Translation	ribosome disassembly	P	AT1G62750
40462	7	F23 vs. S23	F2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT3G22310
40463	7	F23 vs. S23	F2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT5G60990
40464	7	F23 vs. S23	F2-3 up	GO:0006396	Regulation	Translation	RNA processing	P	AT1G04530
40465	7	F23 vs. S23	F2-3 up	GO:0006396	Regulation	Translation	RNA processing	P	AT3G19090
40466	7	F23 vs. S23	F2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G09340
40467	7	F23 vs. S23	F2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G12800
40468	7	F23 vs. S23	F2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT2G18400
40469	7	F23 vs. S23	F2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G09340
40470	7	F23 vs. S23	F2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT5G60990
40471	7	F23 vs. S23	F2-3 up	GO:1990825	Regulation	Translation	sequence-specific mRNA binding	F	AT5G47880
40472	7	F23 vs. S23	F2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT5G59180
40473	7	F23 vs. S23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G18400
40474	7	F23 vs. S23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G30510
40475	7	F23 vs. S23	F2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00160
40476	7	F23 vs. S23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G18070
40477	7	F23 vs. S23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G18400
40478	7	F23 vs. S23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G30510
40479	7	F23 vs. S23	F2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00160
40480	7	F23 vs. S23	F2-3 up	GO:0031369	Regulation	Translation	translation initiation factor binding	F	AT5G59180
40481	7	F23 vs. S23	F2-3 up	GO:0003747	Regulation	Translation	translation release factor activity	F	AT1G18070
40482	7	F23 vs. S23	F2-3 up	GO:0003747	Regulation	Translation	translation release factor activity	F	AT5G47880
40483	7	F23 vs. S23	F2-3 up	GO:0016149	Regulation	Translation	translation release factor activity, codon specific	F	AT5G47880
40484	7	F23 vs. S23	F2-3 up	GO:0018444	Regulation	Translation	translation release factor complex	C	AT1G18070
40485	7	F23 vs. S23	F2-3 up	GO:0018444	Regulation	Translation	translation release factor complex	C	AT5G47880
40486	7	F23 vs. S23	F2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT1G18070
40487	7	F23 vs. S23	F2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT1G44770
40488	7	F23 vs. S23	F2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT1G62750
40489	7	F23 vs. S23	F2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT1G71080
40490	7	F23 vs. S23	F2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT5G43150
40491	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G16720
40492	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G17220
40493	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G18070

40494	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G54290
40495	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G75510
40496	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT2G40290
40497	7	F23 vs. S23	F2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT3G19030
40498	7	F23 vs. S23	F2-3 up	GO:0006415	Regulation	Translation	translational termination	P	AT1G18070
40499	7	F23 vs. S23	F2-3 up	GO:0006415	Regulation	Translation	translational termination	P	AT5G47880
40500	7	F23 vs. S23	F2-3 up	GO:0009020	Regulation	Translation	tRNA (guanosine-2'-O-)-methyltransferase activity	F	AT5G15390
40501	7	F23 vs. S23	F2-3 up	GO:0043039	Regulation	Translation	tRNA aminoacylation	P	AT5G64050
40502	7	F23 vs. S23	F2-3 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT5G64050
40503	7	F23 vs. S23	F2-3 up	GO:0002938	Regulation	Translation	tRNA guanine ribose methylation	P	AT5G15390
40504	7	F23 vs. S23	F2-3 up	GO:0002926	Regulation	Translation	tRNA wobble base 5-methoxycarbonylmethyl-2-thiouridinylation	P	AT5G50320
40505	7	F23 vs. S23	F2-3 up	GO:0002098	Regulation	Translation	tRNA wobble uridine modification	P	AT5G50320
40506	7	F23 vs. S23	F2-3 up	GO:0005684	Regulation	Translation	U2-type spliceosomal complex	C	AT1G31870
40507	7	F23 vs. S23	F2-3 up	GO:0004430	Signaling and response	Signaling	1-phosphatidylinositol 4-kinase activity	F	AT2G46500
40508	7	F23 vs. S23	F2-3 up	GO:0004430	Signaling and response	Signaling	1-phosphatidylinositol 4-kinase activity	F	AT3G56600
40509	7	F23 vs. S23	F2-3 up	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT3G07960
40510	7	F23 vs. S23	F2-3 up	GO:0016308	Signaling and response	Signaling	1-phosphatidylinositol-4-phosphate 5-kinase activity	F	AT3G56960
40511	7	F23 vs. S23	F2-3 up	GO:0030797	Signaling and response	Signaling	24-methylenesterol C-methyltransferase activity	F	AT1G76090
40512	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT1G13900
40513	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT2G01880
40514	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT2G01890
40515	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT2G16430
40516	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G17790
40517	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G52780
40518	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT3G52820
40519	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G25150
40520	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G29270
40521	7	F23 vs. S23	F2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT5G24780
40522	7	F23 vs. S23	F2-3 up	GO:0090630	Signaling and response	Signaling	activation of GTPase activity	P	AT5G54780
40523	7	F23 vs. S23	F2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT1G73500
40524	7	F23 vs. S23	F2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT1G80360
40525	7	F23 vs. S23	F2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT5G05730
40526	7	F23 vs. S23	F2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G70940
40527	7	F23 vs. S23	F2-3 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT1G70940
40528	7	F23 vs. S23	F2-3 up	GO:0010328	Signaling and response	Signaling	auxin influx transmembrane transporter activity	F	AT5G01240
40529	7	F23 vs. S23	F2-3 up	GO:0009850	Signaling and response	Signaling	auxin metabolic process	P	AT2G31750
40530	7	F23 vs. S23	F2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT1G70940
40531	7	F23 vs. S23	F2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT4G33090
40532	7	F23 vs. S23	F2-3 up	GO:0060918	Signaling and response	Signaling	auxin transport	P	AT5G56750
40533	7	F23 vs. S23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G70940
40534	7	F23 vs. S23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G15540
40535	7	F23 vs. S23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G28970
40536	7	F23 vs. S23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G01240
40537	7	F23 vs. S23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G50320
40538	7	F23 vs. S23	F2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G54510
40539	7	F23 vs. S23	F2-3 up	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT3G45780
40540	7	F23 vs. S23	F2-3 up	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT4G38740
40541	7	F23 vs. S23	F2-3 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT3G30180
40542	7	F23 vs. S23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G50990
40543	7	F23 vs. S23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT2G40750
40544	7	F23 vs. S23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT3G63310
40545	7	F23 vs. S23	F2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G38740
40546	7	F23 vs. S23	F2-3 up	GO:0052634	Signaling and response	Signaling	C-19 gibberellin 2-beta-dioxygenase activity	F	AT1G30040

40547	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G64060
40548	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G76130
40549	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G77090
40550	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G31500
40551	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G38750
40552	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G39470
40553	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G41410
40554	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G46600
40555	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G03430
40556	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G51920
40557	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G52850
40558	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G03560
40559	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G05020
40560	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G20260
40561	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G24330
40562	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G26080
40563	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G26470
40564	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT4G27790
40565	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G17480
40566	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G47910
40567	7	F23 vs. S23	F2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G54490
40568	7	F23 vs. S23	F2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT2G31500
40569	7	F23 vs. S23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT1G28270
40570	7	F23 vs. S23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT2G18470
40571	7	F23 vs. S23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT3G51920
40572	7	F23 vs. S23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT4G03560
40573	7	F23 vs. S23	F2-3 up	GO:0019722	Signaling and response	Signaling	calcium-mediated signaling	P	AT4G26470
40574	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G18150
40575	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G65960
40576	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G22950
40577	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G31500
40578	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT2G34660
40579	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G43120
40580	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G57330
40581	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT4G20260
40582	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G27150
40583	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G53130
40584	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G54250
40585	7	F23 vs. S23	F2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G64040
40586	7	F23 vs. S23	F2-3 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT2G31500
40587	7	F23 vs. S23	F2-3 up	GO:0007166	Signaling and response	Signaling	cell surface receptor signaling pathway	P	AT5G45840
40588	7	F23 vs. S23	F2-3 up	GO:0007267	Signaling and response	Signaling	cell-cell signaling	P	AT1G28270
40589	7	F23 vs. S23	F2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT3G22840
40590	7	F23 vs. S23	F2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT4G14690
40591	7	F23 vs. S23	F2-3 up	GO:0071483	Signaling and response	Signaling	cellular response to blue light	P	AT5G24120
40592	7	F23 vs. S23	F2-3 up	GO:0080029	Signaling and response	Signaling	cellular response to boron-containing substance levels	P	AT1G80760
40593	7	F23 vs. S23	F2-3 up	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT5G23060
40594	7	F23 vs. S23	F2-3 up	GO:0071244	Signaling and response	Signaling	cellular response to carbon dioxide	P	AT4G01370
40595	7	F23 vs. S23	F2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT2G46210
40596	7	F23 vs. S23	F2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT3G62410
40597	7	F23 vs. S23	F2-3 up	GO:0071280	Signaling and response	Signaling	cellular response to copper ion	P	AT4G20260
40598	7	F23 vs. S23	F2-3 up	GO:0071368	Signaling and response	Signaling	cellular response to cytokinin stimulus	P	AT5G54060
40599	7	F23 vs. S23	F2-3 up	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT3G22840
40600	7	F23 vs. S23	F2-3 up	GO:0071490	Signaling and response	Signaling	cellular response to far red light	P	AT4G14690

40601	7	F23 vs. S23	F2-3 up	GO:0071398	Signaling and response	Signaling	cellular response to fatty acid	P	AT1G05010
40602	7	F23 vs. S23	F2-3 up	GO:0071398	Signaling and response	Signaling	cellular response to fatty acid	P	AT1G12010
40603	7	F23 vs. S23	F2-3 up	GO:0071281	Signaling and response	Signaling	cellular response to iron ion	P	AT4G20260
40604	7	F23 vs. S23	F2-3 up	GO:0071395	Signaling and response	Signaling	cellular response to jasmonic acid stimulus	P	AT5G54060
40605	7	F23 vs. S23	F2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G64860
40606	7	F23 vs. S23	F2-3 up	GO:0071482	Signaling and response	Signaling	cellular response to light stimulus	P	AT1G68010
40607	7	F23 vs. S23	F2-3 up	GO:0071286	Signaling and response	Signaling	cellular response to magnesium ion	P	AT4G20260
40608	7	F23 vs. S23	F2-3 up	GO:0010350	Signaling and response	Signaling	cellular response to magnesium starvation	P	AT4G20260
40609	7	F23 vs. S23	F2-3 up	GO:0071325	Signaling and response	Signaling	cellular response to mannitol stimulus	P	AT4G20260
40610	7	F23 vs. S23	F2-3 up	GO:0043562	Signaling and response	Signaling	cellular response to nitrogen levels	P	AT3G17810
40611	7	F23 vs. S23	F2-3 up	GO:0035865	Signaling and response	Signaling	cellular response to potassium ion	P	AT4G20260
40612	7	F23 vs. S23	F2-3 up	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT3G22840
40613	7	F23 vs. S23	F2-3 up	GO:0071491	Signaling and response	Signaling	cellular response to red light	P	AT4G14690
40614	7	F23 vs. S23	F2-3 up	GO:0071446	Signaling and response	Signaling	cellular response to salicylic acid stimulus	P	AT5G13170
40615	7	F23 vs. S23	F2-3 up	GO:0072709	Signaling and response	Signaling	cellular response to sorbitol	P	AT4G20260
40616	7	F23 vs. S23	F2-3 up	GO:0071329	Signaling and response	Signaling	cellular response to sucrose stimulus	P	AT5G44110
40617	7	F23 vs. S23	F2-3 up	GO:1904482	Signaling and response	Signaling	cellular response to tetrahydrofolate	P	AT4G13930
40618	7	F23 vs. S23	F2-3 up	GO:1904482	Signaling and response	Signaling	cellular response to tetrahydrofolate	P	AT4G37930
40619	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT1G09340
40620	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G01060
40621	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G12320
40622	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G14620
40623	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G21890
40624	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G45780
40625	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G46640
40626	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G46780
40627	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G50000
40628	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G52180
40629	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G13930
40630	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G25100
40631	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G37930
40632	7	F23 vs. S23	F2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT5G64940
40633	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT1G20620
40634	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT1G20630
40635	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT1G48030
40636	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G13930
40637	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G34030
40638	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G37930
40639	7	F23 vs. S23	F2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT5G66760
40640	7	F23 vs. S23	F2-3 up	GO:0009691	Signaling and response	Signaling	cytokinin biosynthetic process	P	AT2G28305
40641	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT2G01880
40642	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT2G01890
40643	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G17790
40644	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G52780
40645	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT3G52820
40646	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G24780
40647	7	F23 vs. S23	F2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT5G39400
40648	7	F23 vs. S23	F2-3 up	GO:0005513	Signaling and response	Signaling	detection of calcium ion	P	AT3G51920
40649	7	F23 vs. S23	F2-3 up	GO:0009649	Signaling and response	Signaling	entrainment of circadian clock	P	AT5G63860
40650	7	F23 vs. S23	F2-3 up	GO:0106167	Signaling and response	Signaling	extracellular ATP signaling	P	AT1G32640
40651	7	F23 vs. S23	F2-3 up	GO:0007186	Signaling and response	Signaling	G protein-coupled receptor signaling pathway	P	AT2G20890
40652	7	F23 vs. S23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT1G14920
40653	7	F23 vs. S23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT1G74670
40654	7	F23 vs. S23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G14900
40655	7	F23 vs. S23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT4G25420
40656	7	F23 vs. S23	F2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT4G30270

40657	7	F23 vs. S23	F2-3 up	GO:1905200	Signaling and response	Signaling	gibberellic acid transmembrane transport	P	AT5G50800
40658	7	F23 vs. S23	F2-3 up	GO:0045544	Signaling and response	Signaling	gibberellin 20-oxidase activity	F	AT4G25420
40659	7	F23 vs. S23	F2-3 up	GO:0009686	Signaling and response	Signaling	gibberellin biosynthetic process	P	AT1G30040
40660	7	F23 vs. S23	F2-3 up	GO:0009686	Signaling and response	Signaling	gibberellin biosynthetic process	P	AT4G25420
40661	7	F23 vs. S23	F2-3 up	GO:1905201	Signaling and response	Signaling	gibberellin transmembrane transporter activity	F	AT5G50800
40662	7	F23 vs. S23	F2-3 up	GO:0010255	Signaling and response	Signaling	glucose mediated signaling pathway	P	AT1G76030
40663	7	F23 vs. S23	F2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT1G70940
40664	7	F23 vs. S23	F2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT3G15540
40665	7	F23 vs. S23	F2-3 up	GO:0008728	Signaling and response	Signaling	GTP diphosphokinase activity	F	AT3G14050
40666	7	F23 vs. S23	F2-3 up	GO:0102489	Signaling and response	Signaling	GTP phosphohydrolase activity	F	AT5G18280
40667	7	F23 vs. S23	F2-3 up	GO:0051020	Signaling and response	Signaling	GTPase binding	F	AT4G27630
40668	7	F23 vs. S23	F2-3 up	GO:0051749	Signaling and response	Signaling	indole acetic acid carboxyl methyltransferase activity	F	AT5G55250
40669	7	F23 vs. S23	F2-3 up	GO:0010279	Signaling and response	Signaling	indole-3-acetic acid amido synthetase activity	F	AT2G23170
40670	7	F23 vs. S23	F2-3 up	GO:0010279	Signaling and response	Signaling	indole-3-acetic acid amido synthetase activity	F	AT5G54510
40671	7	F23 vs. S23	F2-3 up	GO:0009684	Signaling and response	Signaling	indoleacetic acid biosynthetic process	P	AT5G54810
40672	7	F23 vs. S23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT1G18150
40673	7	F23 vs. S23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT1G48490
40674	7	F23 vs. S23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G20470
40675	7	F23 vs. S23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G31500
40676	7	F23 vs. S23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT4G01370
40677	7	F23 vs. S23	F2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT4G40010
40678	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G70480
40679	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G72520
40680	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT2G33150
40681	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G25760
40682	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT3G45140
40683	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT5G42650
40684	7	F23 vs. S23	F2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT5G63380
40685	7	F23 vs. S23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G14920
40686	7	F23 vs. S23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G19180
40687	7	F23 vs. S23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G28480
40688	7	F23 vs. S23	F2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G32640
40689	7	F23 vs. S23	F2-3 up	GO:0009694	Signaling and response	Signaling	jasmonic acid metabolic process	P	AT3G48520
40690	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G03030
40691	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G48490
40692	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G50610
40693	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G78940
40694	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G20470
40695	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G21480
40696	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G36580
40697	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G08730
40698	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G12690
40699	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G14050
40700	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G20190
40701	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G45780
40702	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G50000
40703	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G01370
40704	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G15530
40705	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G25030
40706	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G28490
40707	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G39110
40708	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G40010
40709	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G05200
40710	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G10290
40711	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G12000

40712	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G49660
40713	7	F23 vs. S23	F2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G58050
40714	7	F23 vs. S23	F2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT1G32640
40715	7	F23 vs. S23	F2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT3G11410
40716	7	F23 vs. S23	F2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT4G26080
40717	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT2G30020
40718	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G02750
40719	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G11410
40720	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G12620
40721	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G16800
40722	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT3G51470
40723	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT4G26080
40724	7	F23 vs. S23	F2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT4G31750
40725	7	F23 vs. S23	F2-3 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT1G18150
40726	7	F23 vs. S23	F2-3 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT4G01370
40727	7	F23 vs. S23	F2-3 up	GO:0004708	Signaling and response	Signaling	MAP kinase kinase activity	F	AT1G73500
40728	7	F23 vs. S23	F2-3 up	GO:0005078	Signaling and response	Signaling	MAP-kinase scaffold activity	F	AT1G48630
40729	7	F23 vs. S23	F2-3 up	GO:0080030	Signaling and response	Signaling	methyl indole-3-acetate esterase activity	F	AT2G45600
40730	7	F23 vs. S23	F2-3 up	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT2G36460
40731	7	F23 vs. S23	F2-3 up	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT3G22370
40732	7	F23 vs. S23	F2-3 up	GO:0051019	Signaling and response	Signaling	mitogen-activated protein kinase binding	F	AT1G43700
40733	7	F23 vs. S23	F2-3 up	GO:0009959	Signaling and response	Signaling	negative gravitropism	P	AT2G17990
40734	7	F23 vs. S23	F2-3 up	GO:0009959	Signaling and response	Signaling	negative gravitropism	P	AT5G58960
40735	7	F23 vs. S23	F2-3 up	GO:0009938	Signaling and response	Signaling	negative regulation of gibberellic acid mediated signaling pathway	P	AT1G14920
40736	7	F23 vs. S23	F2-3 up	GO:1901997	Signaling and response	Signaling	negative regulation of indoleacetic acid biosynthetic process via tryptophan	P	AT1G80360
40737	7	F23 vs. S23	F2-3 up	GO:0010100	Signaling and response	Signaling	negative regulation of photomorphogenesis	P	AT2G46340
40738	7	F23 vs. S23	F2-3 up	GO:0004715	Signaling and response	Signaling	non-membrane spanning protein tyrosine kinase activity	F	AT1G06700
40739	7	F23 vs. S23	F2-3 up	GO:0004550	Signaling and response	Signaling	nucleoside diphosphate kinase activity	F	AT5G23250
40740	7	F23 vs. S23	F2-3 up	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT1G43700
40741	7	F23 vs. S23	F2-3 up	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT1G64060
40742	7	F23 vs. S23	F2-3 up	GO:0007231	Signaling and response	Signaling	osmosensory signaling pathway	P	AT5G47910
40743	7	F23 vs. S23	F2-3 up	GO:0002221	Signaling and response	Signaling	pattern recognition receptor signaling pathway	P	AT3G49110
40744	7	F23 vs. S23	F2-3 up	GO:0017046	Signaling and response	Signaling	peptide hormone binding	F	AT5G49660
40745	7	F23 vs. S23	F2-3 up	GO:0051428	Signaling and response	Signaling	peptide hormone receptor binding	F	AT5G49660
40746	7	F23 vs. S23	F2-3 up	GO:0001653	Signaling and response	Signaling	peptide receptor activity	F	AT5G49660
40747	7	F23 vs. S23	F2-3 up	GO:0001653	Signaling and response	Signaling	peptide receptor activity	F	AT5G53890
40748	7	F23 vs. S23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT1G48490
40749	7	F23 vs. S23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G20470
40750	7	F23 vs. S23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT2G31500
40751	7	F23 vs. S23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G50000
40752	7	F23 vs. S23	F2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G61160
40753	7	F23 vs. S23	F2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT3G50000
40754	7	F23 vs. S23	F2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT3G61160
40755	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT1G01610
40756	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT2G38110

40757	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT3G02800
40758	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT3G11410
40759	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT3G17790
40760	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT4G26080
40761	7	F23 vs. S23	F2-3 up	GO:0016791	Signaling and response	Signaling	phosphatase activity	F	AT5G39400
40762	7	F23 vs. S23	F2-3 up	GO:0046856	Signaling and response	Signaling	phosphatidylinositol dephosphorylation	P	AT5G39400
40763	7	F23 vs. S23	F2-3 up	GO:0052866	Signaling and response	Signaling	phosphatidylinositol phosphate phosphatase activity	F	AT5G39400
40764	7	F23 vs. S23	F2-3 up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT3G08510
40765	7	F23 vs. S23	F2-3 up	GO:0004435	Signaling and response	Signaling	phosphatidylinositol phospholipase C activity	F	AT5G58690
40766	7	F23 vs. S23	F2-3 up	GO:0016314	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase activity	F	AT5G39400
40767	7	F23 vs. S23	F2-3 up	GO:0005547	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate binding	F	AT4G20260
40768	7	F23 vs. S23	F2-3 up	GO:0004618	Signaling and response	Signaling	phosphoglycerate kinase activity	F	AT3G12780
40769	7	F23 vs. S23	F2-3 up	GO:0004623	Signaling and response	Signaling	phospholipase A2 activity	F	AT4G24160
40770	7	F23 vs. S23	F2-3 up	GO:0016004	Signaling and response	Signaling	phospholipase activator activity	F	AT3G62290
40771	7	F23 vs. S23	F2-3 up	GO:0004620	Signaling and response	Signaling	phospholipase activity	F	AT3G54950
40772	7	F23 vs. S23	F2-3 up	GO:0004629	Signaling and response	Signaling	phospholipase C activity	F	AT3G08510
40773	7	F23 vs. S23	F2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT3G11410
40774	7	F23 vs. S23	F2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT4G26080
40775	7	F23 vs. S23	F2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT1G06430
40776	7	F23 vs. S23	F2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT1G50250
40777	7	F23 vs. S23	F2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT3G50820
40778	7	F23 vs. S23	F2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT4G04020
40779	7	F23 vs. S23	F2-3 up	GO:0010205	Signaling and response	Signaling	photoinhibition	P	AT5G42270
40780	7	F23 vs. S23	F2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT2G46340
40781	7	F23 vs. S23	F2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT3G48780
40782	7	F23 vs. S23	F2-3 up	GO:0009648	Signaling and response	Signaling	photoperiodism	P	AT2G37860
40783	7	F23 vs. S23	F2-3 up	GO:0009881	Signaling and response	Signaling	photoreceptor activity	F	AT2G02710
40784	7	F23 vs. S23	F2-3 up	GO:0009881	Signaling and response	Signaling	photoreceptor activity	F	AT5G63860
40785	7	F23 vs. S23	F2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT3G15540
40786	7	F23 vs. S23	F2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT3G45780
40787	7	F23 vs. S23	F2-3 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT1G70940
40788	7	F23 vs. S23	F2-3 up	GO:0010601	Signaling and response	Signaling	positive regulation of auxin biosynthetic process	P	AT3G08510
40789	7	F23 vs. S23	F2-3 up	GO:0010929	Signaling and response	Signaling	positive regulation of auxin mediated signaling pathway	P	AT3G50060
40790	7	F23 vs. S23	F2-3 up	GO:0010929	Signaling and response	Signaling	positive regulation of auxin mediated signaling pathway	P	AT4G37260
40791	7	F23 vs. S23	F2-3 up	GO:0010929	Signaling and response	Signaling	positive regulation of auxin mediated signaling pathway	P	AT5G67300
40792	7	F23 vs. S23	F2-3 up	GO:0042753	Signaling and response	Signaling	positive regulation of circadian rhythm	P	AT3G46640
40793	7	F23 vs. S23	F2-3 up	GO:0009939	Signaling and response	Signaling	positive regulation of gibberellic acid mediated signaling pathway	P	AT1G14920
40794	7	F23 vs. S23	F2-3 up	GO:0001934	Signaling and response	Signaling	positive regulation of protein phosphorylation	P	AT1G48630
40795	7	F23 vs. S23	F2-3 up	GO:0009967	Signaling and response	Signaling	positive regulation of signal transduction	P	AT1G48630
40796	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G73500
40797	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G21480
40798	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G31500
40799	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G46500
40800	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G20200
40801	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G45780
40802	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G61160
40803	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G28490
40804	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G39110
40805	7	F23 vs. S23	F2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G53890
40806	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G30020

40807	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G02750
40808	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G05580
40809	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G11410
40810	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G12620
40811	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G16800
40812	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G26030
40813	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G51470
40814	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT3G52180
40815	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT4G26080
40816	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT4G31750
40817	7	F23 vs. S23	F2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT5G43380
40818	7	F23 vs. S23	F2-3 up	GO:0030295	Signaling and response	Signaling	protein kinase activator activity	F	AT1G73500
40819	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G18470
40820	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G21480
40821	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G30360
40822	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G31500
40823	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G46340
40824	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G08730
40825	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G12780
40826	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G20190
40827	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G24190
40828	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G45780
40829	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G01370
40830	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G28490
40831	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G31230
40832	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G39110
40833	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G12000
40834	7	F23 vs. S23	F2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G64940
40835	7	F23 vs. S23	F2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT1G06700
40836	7	F23 vs. S23	F2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G26080
40837	7	F23 vs. S23	F2-3 up	GO:0005080	Signaling and response	Signaling	protein kinase C binding	F	AT1G48630
40838	7	F23 vs. S23	F2-3 up	GO:0004860	Signaling and response	Signaling	protein kinase inhibitor activity	F	AT1G07500
40839	7	F23 vs. S23	F2-3 up	GO:0072542	Signaling and response	Signaling	protein phosphatase activator activity	F	AT3G26030
40840	7	F23 vs. S23	F2-3 up	GO:0000159	Signaling and response	Signaling	protein phosphatase type 2A complex	C	AT3G26030
40841	7	F23 vs. S23	F2-3 up	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT1G26480
40842	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G06700
40843	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G09600
40844	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G50610
40845	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G61860
40846	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G67520
40847	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G16750
40848	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G17220
40849	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G18470
40850	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G30360
40851	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G41970
40852	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G46340
40853	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G08730
40854	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G12690
40855	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G20190
40856	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G20530
40857	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G24190
40858	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G45780
40859	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G50000
40860	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G59830
40861	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G01370
40862	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G11570

40863	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G31230
40864	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G35500
40865	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G40010
40866	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G10290
40867	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G10930
40868	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G12000
40869	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G45840
40870	7	F23 vs. S23	F2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G50000
40871	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G48490
40872	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G50610
40873	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G67520
40874	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G73500
40875	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G03410
40876	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G17220
40877	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G20470
40878	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G21480
40879	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G30360
40880	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G46500
40881	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G08730
40882	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G12690
40883	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G20200
40884	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G45780
40885	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G50000
40886	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G59830
40887	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G61160
40888	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G28490
40889	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G35500
40890	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G39110
40891	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G40010
40892	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G10930
40893	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G45840
40894	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G47540
40895	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G49660
40896	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G50000
40897	7	F23 vs. S23	F2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G53890
40898	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G30020
40899	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G02750
40900	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G05580
40901	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G11410
40902	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G12620
40903	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G16800
40904	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT3G51470
40905	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT4G26080
40906	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT4G31750
40907	7	F23 vs. S23	F2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT5G43380
40908	7	F23 vs. S23	F2-3 up	GO:0008287	Signaling and response	Signaling	protein serine/threonine phosphatase complex	C	AT4G26080
40909	7	F23 vs. S23	F2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT1G04700
40910	7	F23 vs. S23	F2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT3G59830
40911	7	F23 vs. S23	F2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT5G50000
40912	7	F23 vs. S23	F2-3 up	GO:0004713	Signaling and response	Signaling	protein tyrosine kinase activity	F	AT2G41970
40913	7	F23 vs. S23	F2-3 up	GO:0004725	Signaling and response	Signaling	protein tyrosine phosphatase activity	F	AT3G02800
40914	7	F23 vs. S23	F2-3 up	GO:0004725	Signaling and response	Signaling	protein tyrosine phosphatase activity	F	AT5G39400
40915	7	F23 vs. S23	F2-3 up	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT3G52180
40916	7	F23 vs. S23	F2-3 up	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT5G39400

40917	7	F23 vs. S23	F2-3 up	GO:0047134	Signaling and response	Signaling	protein-disulfide reductase activity	F	AT3G15360
40918	7	F23 vs. S23	F2-3 up	GO:0005093	Signaling and response	Signaling	Rab GDP-dissociation inhibitor activity	F	AT5G09550
40919	7	F23 vs. S23	F2-3 up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G09550
40920	7	F23 vs. S23	F2-3 up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT5G54780
40921	7	F23 vs. S23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT1G43890
40922	7	F23 vs. S23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G16100
40923	7	F23 vs. S23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G21700
40924	7	F23 vs. S23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G46830
40925	7	F23 vs. S23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT4G17530
40926	7	F23 vs. S23	F2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT5G45130
40927	7	F23 vs. S23	F2-3 up	GO:0048365	Signaling and response	Signaling	Rac GTPase binding	F	AT1G12070
40928	7	F23 vs. S23	F2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G24540
40929	7	F23 vs. S23	F2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G37970
40930	7	F23 vs. S23	F2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G46340
40931	7	F23 vs. S23	F2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT2G24540
40932	7	F23 vs. S23	F2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT2G46340
40933	7	F23 vs. S23	F2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G38740
40934	7	F23 vs. S23	F2-3 up	GO:0010600	Signaling and response	Signaling	regulation of auxin biosynthetic process	P	AT5G05730
40935	7	F23 vs. S23	F2-3 up	GO:0010928	Signaling and response	Signaling	regulation of auxin mediated signaling pathway	P	AT5G50320
40936	7	F23 vs. S23	F2-3 up	GO:2000012	Signaling and response	Signaling	regulation of auxin polar transport	P	AT5G56750
40937	7	F23 vs. S23	F2-3 up	GO:1900457	Signaling and response	Signaling	regulation of brassinosteroid mediated signaling pathway	P	AT2G40750
40938	7	F23 vs. S23	F2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT3G50000
40939	7	F23 vs. S23	F2-3 up	GO:0080141	Signaling and response	Signaling	regulation of jasmonic acid biosynthetic process	P	AT4G03560
40940	7	F23 vs. S23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G19180
40941	7	F23 vs. S23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT2G34600
40942	7	F23 vs. S23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT2G40750
40943	7	F23 vs. S23	F2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT5G67300
40944	7	F23 vs. S23	F2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT2G46340
40945	7	F23 vs. S23	F2-3 up	GO:0031952	Signaling and response	Signaling	regulation of protein autophosphorylation	P	AT3G26030
40946	7	F23 vs. S23	F2-3 up	GO:0035304	Signaling and response	Signaling	regulation of protein dephosphorylation	P	AT3G50820
40947	7	F23 vs. S23	F2-3 up	GO:0001932	Signaling and response	Signaling	regulation of protein phosphorylation	P	AT4G38740
40948	7	F23 vs. S23	F2-3 up	GO:2000030	Signaling and response	Signaling	regulation of response to red or far red light	P	AT1G78370
40949	7	F23 vs. S23	F2-3 up	GO:2000030	Signaling and response	Signaling	regulation of response to red or far red light	P	AT4G04770
40950	7	F23 vs. S23	F2-3 up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT1G09560
40951	7	F23 vs. S23	F2-3 up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT3G05930
40952	7	F23 vs. S23	F2-3 up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT5G26700
40953	7	F23 vs. S23	F2-3 up	GO:2000280	Signaling and response	Signaling	regulation of root development	P	AT5G49660
40954	7	F23 vs. S23	F2-3 up	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT2G40750
40955	7	F23 vs. S23	F2-3 up	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT5G67300
40956	7	F23 vs. S23	F2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT1G14920
40957	7	F23 vs. S23	F2-3 up	GO:0060320	Signaling and response	Signaling	rejection of self pollen	P	AT5G26060
40958	7	F23 vs. S23	F2-3 up	GO:0009961	Signaling and response	Signaling	response to 1-aminocyclopropane-1-carboxylic acid	P	AT5G66400
40959	7	F23 vs. S23	F2-3 up	GO:0072722	Signaling and response	Signaling	response to amitrole	P	AT2G43570
40960	7	F23 vs. S23	F2-3 up	GO:0060359	Signaling and response	Signaling	response to ammonium ion	P	AT2G39770
40961	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G21220
40962	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G22240
40963	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT2G26740
40964	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G15540

40965	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G20220
40966	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G43120
40967	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G11280
40968	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G12410
40969	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G36740
40970	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G08640
40971	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G09810
40972	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G45890
40973	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G53590
40974	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G54490
40975	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G54510
40976	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G57560
40977	7	F23 vs. S23	F2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G67300
40978	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT1G72520
40979	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT1G80460
40980	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G12580
40981	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT3G45140
40982	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT4G37990
40983	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G01600
40984	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G05730
40985	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G06320
40986	7	F23 vs. S23	F2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G67160
40987	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT1G19150
40988	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT2G05100
40989	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT2G40100
40990	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT2G46340
40991	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT3G45780
40992	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G01530
40993	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G24120
40994	7	F23 vs. S23	F2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G38420
40995	7	F23 vs. S23	F2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT4G30270
40996	7	F23 vs. S23	F2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT5G57560
40997	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G09780
40998	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G11840
40999	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G11860
41000	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G13060
41001	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G20620
41002	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G20630
41003	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G23190
41004	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G42970
41005	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G48030
41006	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G63940
41007	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G65930
41008	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G76030
41009	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G78380
41010	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G05710
41011	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G17420
41012	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G17630
41013	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G21250
41014	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G21330
41015	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G35840
41016	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G36460
41017	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G37760
41018	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G44060
41019	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G02570
41020	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G03780

41021	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G04120
41022	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G09440
41023	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12580
41024	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12780
41025	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G13110
41026	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G22890
41027	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G48000
41028	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G52880
41029	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G53620
41030	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G55440
41031	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G56240
41032	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G04460
41033	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G13930
41034	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G14880
41035	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G20890
41036	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G23100
41037	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G25100
41038	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G26970
41039	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G31990
41040	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G33010
41041	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G34050
41042	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G37260
41043	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G37930
41044	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G38740
41045	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G38970
41046	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT4G39230
41047	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G02790
41048	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G11670
41049	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G13420
41050	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G20010
41051	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G23120
41052	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G35630
41053	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G62790
41054	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G64250
41055	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G64940
41056	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G65140
41057	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G67300
41058	7	F23 vs. S23	F2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	ATCG00490
41059	7	F23 vs. S23	F2-3 up	GO:0051592	Signaling and response	Signaling	response to calcium ion	P	AT3G51860
41060	7	F23 vs. S23	F2-3 up	GO:0051592	Signaling and response	Signaling	response to calcium ion	P	AT4G20260
41061	7	F23 vs. S23	F2-3 up	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT3G01500
41062	7	F23 vs. S23	F2-3 up	GO:0010037	Signaling and response	Signaling	response to carbon dioxide	P	AT5G04180
41063	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G27730
41064	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G32640
41065	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G42990
41066	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT1G80840
41067	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT2G34600
41068	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT2G40140
41069	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G46600
41070	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G46620
41071	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT3G50060
41072	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G17500
41073	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT4G37260
41074	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G64660
41075	7	F23 vs. S23	F2-3 up	GO:0010200	Signaling and response	Signaling	response to chitin	P	AT5G67300
41076	7	F23 vs. S23	F2-3 up	GO:0032025	Signaling and response	Signaling	response to cobalt ion	P	AT3G02570

41077	7	F23 vs. S23	F2-3 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT1G07600
41078	7	F23 vs. S23	F2-3 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT1G07610
41079	7	F23 vs. S23	F2-3 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT1G63440
41080	7	F23 vs. S23	F2-3 up	GO:0046688	Signaling and response	Signaling	response to copper ion	P	AT4G25100
41081	7	F23 vs. S23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT1G03850
41082	7	F23 vs. S23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT1G78240
41083	7	F23 vs. S23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT3G18780
41084	7	F23 vs. S23	F2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT5G45890
41085	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT1G14920
41086	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT1G19150
41087	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT2G05100
41088	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT2G40100
41089	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT2G46340
41090	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT3G18780
41091	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT4G14690
41092	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G01530
41093	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G24120
41094	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G38420
41095	7	F23 vs. S23	F2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT5G44110
41096	7	F23 vs. S23	F2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT1G74670
41097	7	F23 vs. S23	F2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT5G45890
41098	7	F23 vs. S23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT1G14920
41099	7	F23 vs. S23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT1G69530
41100	7	F23 vs. S23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT4G25420
41101	7	F23 vs. S23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT4G30270
41102	7	F23 vs. S23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G04760
41103	7	F23 vs. S23	F2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G67300
41104	7	F23 vs. S23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G61800
41105	7	F23 vs. S23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G74670
41106	7	F23 vs. S23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT4G04040
41107	7	F23 vs. S23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G20700
41108	7	F23 vs. S23	F2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT5G45890
41109	7	F23 vs. S23	F2-3 up	GO:0009629	Signaling and response	Signaling	response to gravity	P	AT1G78370
41110	7	F23 vs. S23	F2-3 up	GO:0009725	Signaling and response	Signaling	response to hormone	P	AT2G40710
41111	7	F23 vs. S23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G11050
41112	7	F23 vs. S23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT4G24120
41113	7	F23 vs. S23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT5G01600
41114	7	F23 vs. S23	F2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT5G53550
41115	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G18150
41116	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G19180
41117	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G32640
41118	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G26690
41119	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G34600
41120	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39730
41121	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT2G39770
41122	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G45140
41123	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G11280
41124	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G12030
41125	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G19810
41126	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G23100
41127	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G32940
41128	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G34710
41129	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G37260
41130	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G37760
41131	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G14200
41132	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G24780

41133	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G42650
41134	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67160
41135	7	F23 vs. S23	F2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G67300
41136	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G10960
41137	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G23010
41138	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G44575
41139	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G61800
41140	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G61890
41141	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G74670
41142	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G80460
41143	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G80530
41144	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G16660
41145	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G37040
41146	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G46170
41147	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G47730
41148	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G09440
41149	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G21560
41150	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G22840
41151	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G47470
41152	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT3G61220
41153	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G03280
41154	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G27030
41155	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G33150
41156	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G34710
41157	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G02270
41158	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G08640
41159	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G40780
41160	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G57785
41161	7	F23 vs. S23	F2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G62680
41162	7	F23 vs. S23	F2-3 up	GO:0009642	Signaling and response	Signaling	response to light intensity	P	AT4G25100
41163	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G01120
41164	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G07720
41165	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G15820
41166	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G16880
41167	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G19150
41168	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G20620
41169	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G20630
41170	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G29930
41171	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G42970
41172	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G45474
41173	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G48030
41174	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G55480
41175	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G58290
41176	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G61520
41177	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G68530
41178	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G70940
41179	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G79440
41180	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G05100
41181	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G39730
41182	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G40100
41183	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G02570
41184	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G19710
41185	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G23290
41186	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G26650
41187	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G47470
41188	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G49110

41189	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT3G62410
41190	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G02380
41191	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G13670
41192	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G37930
41193	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT4G38740
41194	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G01530
41195	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G04140
41196	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G08640
41197	7	F23 vs. S23	F2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G09810
41198	7	F23 vs. S23	F2-3 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT5G20700
41199	7	F23 vs. S23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT1G32450
41200	7	F23 vs. S23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT2G15620
41201	7	F23 vs. S23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT3G21670
41202	7	F23 vs. S23	F2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT5G40890
41203	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT1G19150
41204	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT1G30040
41205	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT1G69530
41206	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT2G05100
41207	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT2G40100
41208	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT2G46340
41209	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT3G18780
41210	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT4G14690
41211	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G01530
41212	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G24120
41213	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G38420
41214	7	F23 vs. S23	F2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT5G44110
41215	7	F23 vs. S23	F2-3 up	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT1G30040
41216	7	F23 vs. S23	F2-3 up	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT2G17990
41217	7	F23 vs. S23	F2-3 up	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT5G58960
41218	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G14790
41219	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G28480
41220	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G73260
41221	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G80840
41222	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G40000
41223	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT2G40750
41224	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT3G50060
41225	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G32940
41226	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G37260
41227	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G39030
41228	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G04760
41229	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G06320
41230	7	F23 vs. S23	F2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G67300
41231	7	F23 vs. S23	F2-3 up	GO:0010272	Signaling and response	Signaling	response to silver ion	P	AT2G43570
41232	7	F23 vs. S23	F2-3 up	GO:0050896	Signaling and response	Signaling	response to stimulus	P	AT2G02710
41233	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G16880
41234	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G42970
41235	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G61800
41236	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G74670
41237	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G04120
41238	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G26650
41239	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G62410
41240	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G04140
41241	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20700
41242	7	F23 vs. S23	F2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G45890
41243	7	F23 vs. S23	F2-3 up	GO:0009266	Signaling and response	Signaling	response to temperature stimulus	P	AT3G12580
41244	7	F23 vs. S23	F2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT4G13770

41245	7	F23 vs. S23	F2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT5G63860
41246	7	F23 vs. S23	F2-3 up	GO:0010225	Signaling and response	Signaling	response to UV-C	P	AT3G50000
41247	7	F23 vs. S23	F2-3 up	GO:0010266	Signaling and response	Signaling	response to vitamin B1	P	AT2G29630
41248	7	F23 vs. S23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT1G65930
41249	7	F23 vs. S23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT3G02570
41250	7	F23 vs. S23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT3G55440
41251	7	F23 vs. S23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT4G31300
41252	7	F23 vs. S23	F2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT5G01600
41253	7	F23 vs. S23	F2-3 up	GO:0030970	Signaling and response	Signaling	retrograde protein transport, ER to cytosol	P	AT4G25230
41254	7	F23 vs. S23	F2-3 up	GO:0042147	Signaling and response	Signaling	retrograde transport, endosome to Golgi	P	AT5G53530
41255	7	F23 vs. S23	F2-3 up	GO:0006890	Signaling and response	Signaling	retrograde vesicle-mediated transport, Golgi to endoplasmic reticulum	P	AT1G52360
41256	7	F23 vs. S23	F2-3 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT1G12070
41257	7	F23 vs. S23	F2-3 up	GO:0048511	Signaling and response	Signaling	rhythmic process	P	AT2G37130
41258	7	F23 vs. S23	F2-3 up	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT4G39030
41259	7	F23 vs. S23	F2-3 up	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT5G67160
41260	7	F23 vs. S23	F2-3 up	GO:0052639	Signaling and response	Signaling	salicylic acid glucosyltransferase (ester-forming) activity	F	AT2G43820
41261	7	F23 vs. S23	F2-3 up	GO:0052640	Signaling and response	Signaling	salicylic acid glucosyltransferase (glucoside-forming) activity	F	AT2G43820
41262	7	F23 vs. S23	F2-3 up	GO:0009863	Signaling and response	Signaling	salicylic acid mediated signaling pathway	P	AT1G14920
41263	7	F23 vs. S23	F2-3 up	GO:0009863	Signaling and response	Signaling	salicylic acid mediated signaling pathway	P	AT1G28480
41264	7	F23 vs. S23	F2-3 up	GO:0009696	Signaling and response	Signaling	salicylic acid metabolic process	P	AT2G43820
41265	7	F23 vs. S23	F2-3 up	GO:0009641	Signaling and response	Signaling	shade avoidance	P	AT1G80360
41266	7	F23 vs. S23	F2-3 up	GO:0048575	Signaling and response	Signaling	short-day photoperiodism, flowering	P	AT2G46340
41267	7	F23 vs. S23	F2-3 up	GO:0048575	Signaling and response	Signaling	short-day photoperiodism, flowering	P	AT4G25420
41268	7	F23 vs. S23	F2-3 up	GO:0006465	Signaling and response	Signaling	signal peptide processing	P	AT2G30440
41269	7	F23 vs. S23	F2-3 up	GO:0005047	Signaling and response	Signaling	signal recognition particle binding	F	AT4G30600
41270	7	F23 vs. S23	F2-3 up	GO:0005785	Signaling and response	Signaling	signal recognition particle receptor complex	C	AT4G30600
41271	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G18150
41272	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT1G48630
41273	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT2G30360
41274	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G26030
41275	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G54800
41276	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G61160
41277	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT4G01370
41278	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT4G38740
41279	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G10930
41280	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G35180
41281	7	F23 vs. S23	F2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G61530
41282	7	F23 vs. S23	F2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT1G73500
41283	7	F23 vs. S23	F2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT2G03410
41284	7	F23 vs. S23	F2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT5G47540
41285	7	F23 vs. S23	F2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G40710
41286	7	F23 vs. S23	F2-3 up	GO:0007264	Signaling and response	Signaling	small GTPase mediated signal transduction	P	AT5G09550
41287	7	F23 vs. S23	F2-3 up	GO:0016229	Signaling and response	Signaling	steroid dehydrogenase activity	F	AT2G37760
41288	7	F23 vs. S23	F2-3 up	GO:0016229	Signaling and response	Signaling	steroid dehydrogenase activity	F	AT2G37770
41289	7	F23 vs. S23	F2-3 up	GO:0003838	Signaling and response	Signaling	sterol 24-C-methyltransferase activity	F	AT1G76090
41290	7	F23 vs. S23	F2-3 up	GO:0003838	Signaling and response	Signaling	sterol 24-C-methyltransferase activity	F	AT5G13710
41291	7	F23 vs. S23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT1G76090
41292	7	F23 vs. S23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT2G17370
41293	7	F23 vs. S23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT4G37760
41294	7	F23 vs. S23	F2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT5G13710
41295	7	F23 vs. S23	F2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT3G30180
41296	7	F23 vs. S23	F2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT5G42650
41297	7	F23 vs. S23	F2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT1G09780

41298	7	F23 vs. S23	F2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT1G32080
41299	7	F23 vs. S23	F2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT3G56960
41300	7	F23 vs. S23	F2-3 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT2G20890
41301	7	F23 vs. S23	F2-3 up	GO:0009652	Signaling and response	Signaling	thigmotropism	P	AT1G43700
41302	7	F23 vs. S23	F2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT4G28490
41303	7	F23 vs. S23	F2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT5G49660
41304	7	F23 vs. S23	F2-3 up	GO:0009606	Signaling and response	Signaling	tropism	P	AT1G70940
41305	7	F23 vs. S23	F2-3 up	GO:1902418	Signaling and response	Stress	(+)-abscisic acid D-glucopyranosyl ester transmembrane transport	P	AT2G34660
41306	7	F23 vs. S23	F2-3 up	GO:1902417	Signaling and response	Stress	(+)-abscisic acid D-glucopyranosyl ester transmembrane transporter activity	F	AT2G34660
41307	7	F23 vs. S23	F2-3 up	GO:0006075	Signaling and response	Stress	(1->3)-beta-D-glucan biosynthetic process	P	AT2G13680
41308	7	F23 vs. S23	F2-3 up	GO:0003843	Signaling and response	Stress	1,3-beta-D-glucan synthase activity	F	AT2G13680
41309	7	F23 vs. S23	F2-3 up	GO:0000148	Signaling and response	Stress	1,3-beta-D-glucan synthase complex	C	AT2G13680
41310	7	F23 vs. S23	F2-3 up	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT4G27630
41311	7	F23 vs. S23	F2-3 up	GO:0080168	Signaling and response	Stress	abscisic acid transport	P	AT1G71960
41312	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G28490
41313	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G32640
41314	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G64060
41315	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G70790
41316	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G18470
41317	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G30020
41318	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G11410
41319	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G46620
41320	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT4G26080
41321	7	F23 vs. S23	F2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G25980
41322	7	F23 vs. S23	F2-3 up	GO:0033741	Signaling and response	Stress	adenylyl-sulfate reductase (glutathione) activity	F	AT4G21990
41323	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT1G26820
41324	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT2G02990
41325	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT3G56240
41326	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT4G14880
41327	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT4G30270
41328	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G35630
41329	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G45890
41330	7	F23 vs. S23	F2-3 up	GO:0007568	Signaling and response	Stress	aging	P	AT5G60360
41331	7	F23 vs. S23	F2-3 up	GO:0009916	Signaling and response	Stress	alternative oxidase activity	F	AT3G22370
41332	7	F23 vs. S23	F2-3 up	GO:0010230	Signaling and response	Stress	alternative respiration	P	AT3G22370
41333	7	F23 vs. S23	F2-3 up	GO:0080144	Signaling and response	Stress	amino acid homeostasis	P	AT1G58030
41334	7	F23 vs. S23	F2-3 up	GO:0055081	Signaling and response	Stress	anion homeostasis	P	AT3G57330
41335	7	F23 vs. S23	F2-3 up	GO:0016209	Signaling and response	Stress	antioxidant activity	F	AT2G37240
41336	7	F23 vs. S23	F2-3 up	GO:1901683	Signaling and response	Stress	arsenate ion transmembrane transporter activity	F	AT3G54700
41337	7	F23 vs. S23	F2-3 up	GO:0015105	Signaling and response	Stress	arsenite transmembrane transporter activity	F	AT4G18910
41338	7	F23 vs. S23	F2-3 up	GO:0015700	Signaling and response	Stress	arsenite transport	P	AT4G18910
41339	7	F23 vs. S23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT1G70940
41340	7	F23 vs. S23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT1G80360
41341	7	F23 vs. S23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT2G23170
41342	7	F23 vs. S23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT5G54510
41343	7	F23 vs. S23	F2-3 up	GO:0010252	Signaling and response	Stress	auxin homeostasis	P	AT5G55250
41344	7	F23 vs. S23	F2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT3G30180
41345	7	F23 vs. S23	F2-3 up	GO:0055073	Signaling and response	Stress	cadmium ion homeostasis	P	AT5G17450
41346	7	F23 vs. S23	F2-3 up	GO:0005227	Signaling and response	Stress	calcium activated cation channel activity	F	AT4G02900
41347	7	F23 vs. S23	F2-3 up	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT4G03560
41348	7	F23 vs. S23	F2-3 up	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT5G66650
41349	7	F23 vs. S23	F2-3 up	GO:0015368	Signaling and response	Stress	calcium:cation antiporter activity	F	AT3G51860

41350	7	F23 vs. S23	F2-3 up	GO:0015369	Signaling and response	Stress	calcium:proton antiporter activity	F	AT3G51860
41351	7	F23 vs. S23	F2-3 up	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT2G38750
41352	7	F23 vs. S23	F2-3 up	GO:0052543	Signaling and response	Stress	callose deposition in cell wall	P	AT3G03250
41353	7	F23 vs. S23	F2-3 up	GO:0052543	Signaling and response	Stress	callose deposition in cell wall	P	AT5G50800
41354	7	F23 vs. S23	F2-3 up	GO:0033500	Signaling and response	Stress	carbohydrate homeostasis	P	AT1G64060
41355	7	F23 vs. S23	F2-3 up	GO:0033500	Signaling and response	Stress	carbohydrate homeostasis	P	AT5G47910
41356	7	F23 vs. S23	F2-3 up	GO:0004096	Signaling and response	Stress	catalase activity	F	AT1G20620
41357	7	F23 vs. S23	F2-3 up	GO:0004096	Signaling and response	Stress	catalase activity	F	AT1G20630
41358	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G03850
41359	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G28480
41360	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G48030
41361	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G56500
41362	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G59730
41363	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G64500
41364	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G76080
41365	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT2G01270
41366	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT2G17420
41367	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G15360
41368	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G24170
41369	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G28850
41370	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G54660
41371	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G62960
41372	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G21990
41373	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT5G03880
41374	7	F23 vs. S23	F2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT5G18600
41375	7	F23 vs. S23	F2-3 up	GO:0006874	Signaling and response	Stress	cellular calcium ion homeostasis	P	AT3G51860
41376	7	F23 vs. S23	F2-3 up	GO:0006878	Signaling and response	Stress	cellular copper ion homeostasis	P	AT3G56240
41377	7	F23 vs. S23	F2-3 up	GO:0006879	Signaling and response	Stress	cellular iron ion homeostasis	P	AT4G04770
41378	7	F23 vs. S23	F2-3 up	GO:0030026	Signaling and response	Stress	cellular manganese ion homeostasis	P	AT3G51860
41379	7	F23 vs. S23	F2-3 up	GO:0006875	Signaling and response	Stress	cellular metal ion homeostasis	P	AT4G16370
41380	7	F23 vs. S23	F2-3 up	GO:0098869	Signaling and response	Stress	cellular oxidant detoxification	P	AT1G20630
41381	7	F23 vs. S23	F2-3 up	GO:0030643	Signaling and response	Stress	cellular phosphate ion homeostasis	P	AT3G17790
41382	7	F23 vs. S23	F2-3 up	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT1G48630
41383	7	F23 vs. S23	F2-3 up	GO:0071215	Signaling and response	Stress	cellular response to abscisic acid stimulus	P	AT5G13170
41384	7	F23 vs. S23	F2-3 up	GO:0071454	Signaling and response	Stress	cellular response to anoxia	P	AT3G62410
41385	7	F23 vs. S23	F2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT1G07500
41386	7	F23 vs. S23	F2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT5G54770
41387	7	F23 vs. S23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G09440
41388	7	F23 vs. S23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G12580
41389	7	F23 vs. S23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G22840
41390	7	F23 vs. S23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT3G62410
41391	7	F23 vs. S23	F2-3 up	GO:0034605	Signaling and response	Stress	cellular response to heat	P	AT4G14690
41392	7	F23 vs. S23	F2-3 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT3G22840
41393	7	F23 vs. S23	F2-3 up	GO:0071486	Signaling and response	Stress	cellular response to high light intensity	P	AT4G14690
41394	7	F23 vs. S23	F2-3 up	GO:0071219	Signaling and response	Stress	cellular response to molecule of bacterial origin	P	AT4G20260
41395	7	F23 vs. S23	F2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT1G20620
41396	7	F23 vs. S23	F2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT1G20630
41397	7	F23 vs. S23	F2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT4G16520
41398	7	F23 vs. S23	F2-3 up	GO:0071470	Signaling and response	Stress	cellular response to osmotic stress	P	AT5G13170
41399	7	F23 vs. S23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT4G32320
41400	7	F23 vs. S23	F2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT5G64940
41401	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT1G20620
41402	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT1G20630
41403	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT1G23010
41404	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT1G53310
41405	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G02990

41406	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G16430
41407	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT2G22240
41408	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G03250
41409	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT3G29060
41410	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT5G01220
41411	7	F23 vs. S23	F2-3 up	GO:0016036	Signaling and response	Stress	cellular response to phosphate starvation	P	AT5G20410
41412	7	F23 vs. S23	F2-3 up	GO:0071461	Signaling and response	Stress	cellular response to redox state	P	AT1G64860
41413	7	F23 vs. S23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT4G20260
41414	7	F23 vs. S23	F2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT5G24120
41415	7	F23 vs. S23	F2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT1G20620
41416	7	F23 vs. S23	F2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT1G20630
41417	7	F23 vs. S23	F2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT1G43700
41418	7	F23 vs. S23	F2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	ATCG00420
41419	7	F23 vs. S23	F2-3 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT3G09440
41420	7	F23 vs. S23	F2-3 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT3G12580
41421	7	F23 vs. S23	F2-3 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT3G22840
41422	7	F23 vs. S23	F2-3 up	GO:0071492	Signaling and response	Stress	cellular response to UV-A	P	AT4G14690
41423	7	F23 vs. S23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G09340
41424	7	F23 vs. S23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G32080
41425	7	F23 vs. S23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G68010
41426	7	F23 vs. S23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT1G78380
41427	7	F23 vs. S23	F2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT4G02380
41428	7	F23 vs. S23	F2-3 up	GO:0006882	Signaling and response	Stress	cellular zinc ion homeostasis	P	AT3G51860
41429	7	F23 vs. S23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT1G80030
41430	7	F23 vs. S23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT2G20560
41431	7	F23 vs. S23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G09440
41432	7	F23 vs. S23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G12580
41433	7	F23 vs. S23	F2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G47940
41434	7	F23 vs. S23	F2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G18740
41435	7	F23 vs. S23	F2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT4G25490
41436	7	F23 vs. S23	F2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT5G50950
41437	7	F23 vs. S23	F2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT5G66400
41438	7	F23 vs. S23	F2-3 up	GO:0004869	Signaling and response	Stress	cysteine-type endopeptidase inhibitor activity	F	AT1G73260
41439	7	F23 vs. S23	F2-3 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT1G47128
41440	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G02305
41441	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G05010
41442	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G12010
41443	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G14790
41444	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G19610
41445	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G43700
41446	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G64060
41447	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G72520
41448	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02140
41449	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G17220
41450	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G34600
41451	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G37040
41452	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G37940
41453	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G39220
41454	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G47730
41455	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G49110
41456	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G61220
41457	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G00360
41458	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G01610
41459	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G02380
41460	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G11280
41461	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G17500

41462	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G39030
41463	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G05170
41464	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G24780
41465	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G42650
41466	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G47910
41467	7	F23 vs. S23	F2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G67160
41468	7	F23 vs. S23	F2-3 up	GO:0052542	Signaling and response	Stress	defense response by callose deposition	P	AT1G64060
41469	7	F23 vs. S23	F2-3 up	GO:0052544	Signaling and response	Stress	defense response by callose deposition in cell wall	P	AT4G23100
41470	7	F23 vs. S23	F2-3 up	GO:0010204	Signaling and response	Stress	defense response signaling pathway, resistance gene-independent	P	AT4G18360
41471	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G02205
41472	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G09340
41473	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G19180
41474	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G20020
41475	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G20850
41476	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G32060
41477	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G65930
41478	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G73260
41479	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G80460
41480	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G80600
41481	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G80840
41482	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G13810
41483	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G22240
41484	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G27050
41485	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39730
41486	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G39770
41487	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G40750
41488	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G47730
41489	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G01500
41490	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G04720
41491	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G04790
41492	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G08510
41493	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G14130
41494	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G14420
41495	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G44260
41496	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G49110
41497	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G55800
41498	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G57330
41499	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G03280
41500	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G18360
41501	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G20260
41502	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G23100
41503	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G31750
41504	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G39030
41505	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G04720
41506	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G06320
41507	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G09230
41508	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G14740
41509	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G22250
41510	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G50850
41511	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G53120
41512	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G58430
41513	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G67300
41514	7	F23 vs. S23	F2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	ATCG00120
41515	7	F23 vs. S23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT2G40000

41516	7	F23 vs. S23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT4G23100
41517	7	F23 vs. S23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT4G25030
41518	7	F23 vs. S23	F2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT5G06320
41519	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G02205
41520	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G03850
41521	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G19610
41522	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G47128
41523	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G51090
41524	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G80840
41525	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02140
41526	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G22240
41527	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G30020
41528	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G37130
41529	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G39210
41530	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G40140
41531	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G40750
41532	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G49110
41533	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G63310
41534	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G11760
41535	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G23100
41536	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G42650
41537	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G47910
41538	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G50260
41539	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G58430
41540	7	F23 vs. S23	F2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT5G67300
41541	7	F23 vs. S23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT1G20020
41542	7	F23 vs. S23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT1G29340
41543	7	F23 vs. S23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G01500
41544	7	F23 vs. S23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G04720
41545	7	F23 vs. S23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT5G45890
41546	7	F23 vs. S23	F2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	ATCG00480
41547	7	F23 vs. S23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT2G23810
41548	7	F23 vs. S23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G14310
41549	7	F23 vs. S23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G29090
41550	7	F23 vs. S23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT4G28490
41551	7	F23 vs. S23	F2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT4G33220
41552	7	F23 vs. S23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT3G44260
41553	7	F23 vs. S23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT3G48520
41554	7	F23 vs. S23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT4G23100
41555	7	F23 vs. S23	F2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT5G25980
41556	7	F23 vs. S23	F2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT2G22240
41557	7	F23 vs. S23	F2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT5G06320
41558	7	F23 vs. S23	F2-3 up	GO:0009814	Signaling and response	Stress	defense response, incompatible interaction	P	AT1G29340
41559	7	F23 vs. S23	F2-3 up	GO:0016045	Signaling and response	Stress	detection of bacterium	P	AT2G29630
41560	7	F23 vs. S23	F2-3 up	GO:0071585	Signaling and response	Stress	detoxification of cadmium ion	P	AT5G17450
41561	7	F23 vs. S23	F2-3 up	GO:0010273	Signaling and response	Stress	detoxification of copper ion	P	AT1G63440
41562	7	F23 vs. S23	F2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT2G37040

41563	7	F23 vs. S23	F2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT3G16800
41564	7	F23 vs. S23	F2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT1G42990
41565	7	F23 vs. S23	F2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT2G02810
41566	7	F23 vs. S23	F2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT4G25230
41567	7	F23 vs. S23	F2-3 up	GO:0006983	Signaling and response	Stress	ER overload response	P	AT5G47120
41568	7	F23 vs. S23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT1G05010
41569	7	F23 vs. S23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT1G12010
41570	7	F23 vs. S23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT1G73500
41571	7	F23 vs. S23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT1G80360
41572	7	F23 vs. S23	F2-3 up	GO:0009693	Signaling and response	Stress	ethylene biosynthetic process	P	AT4G11280
41573	7	F23 vs. S23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G64060
41574	7	F23 vs. S23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G73500
41575	7	F23 vs. S23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT2G27050
41576	7	F23 vs. S23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT2G40750
41577	7	F23 vs. S23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT4G17500
41578	7	F23 vs. S23	F2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G09230
41579	7	F23 vs. S23	F2-3 up	GO:0055089	Signaling and response	Stress	fatty acid homeostasis	P	AT4G24160
41580	7	F23 vs. S23	F2-3 up	GO:0048307	Signaling and response	Stress	ferredoxin-nitrite reductase activity	F	AT2G15620
41581	7	F23 vs. S23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT2G40890
41582	7	F23 vs. S23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT3G51240
41583	7	F23 vs. S23	F2-3 up	GO:0009813	Signaling and response	Stress	flavonoid biosynthetic process	P	AT5G08640
41584	7	F23 vs. S23	F2-3 up	GO:0009812	Signaling and response	Stress	flavonoid metabolic process	P	AT4G25640
41585	7	F23 vs. S23	F2-3 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT2G36790
41586	7	F23 vs. S23	F2-3 up	GO:0051555	Signaling and response	Stress	flavonol biosynthetic process	P	AT4G34135
41587	7	F23 vs. S23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G14920
41588	7	F23 vs. S23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT1G68570
41589	7	F23 vs. S23	F2-3 up	GO:0010336	Signaling and response	Stress	gibberellic acid homeostasis	P	AT4G10040
41590	7	F23 vs. S23	F2-3 up	GO:0042593	Signaling and response	Stress	glucose homeostasis	P	AT1G75220
41591	7	F23 vs. S23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT1G78370
41592	7	F23 vs. S23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT1G78380
41593	7	F23 vs. S23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT2G47730
41594	7	F23 vs. S23	F2-3 up	GO:0043295	Signaling and response	Stress	glutathione binding	F	AT3G03190
41595	7	F23 vs. S23	F2-3 up	GO:0006750	Signaling and response	Stress	glutathione biosynthetic process	P	AT4G23100
41596	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78320
41597	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78370
41598	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT1G78380
41599	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT2G02390
41600	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT2G47730
41601	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G03190
41602	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G24170
41603	7	F23 vs. S23	F2-3 up	GO:0006749	Signaling and response	Stress	glutathione metabolic process	P	AT3G54660
41604	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78320
41605	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78370
41606	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT1G78380
41607	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT2G02390
41608	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT2G47730
41609	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT3G03190
41610	7	F23 vs. S23	F2-3 up	GO:0004364	Signaling and response	Stress	glutathione transferase activity	F	AT5G02790
41611	7	F23 vs. S23	F2-3 up	GO:0004362	Signaling and response	Stress	glutathione-disulfide reductase activity	F	AT3G24170
41612	7	F23 vs. S23	F2-3 up	GO:0004362	Signaling and response	Stress	glutathione-disulfide reductase activity	F	AT3G54660
41613	7	F23 vs. S23	F2-3 up	GO:0010286	Signaling and response	Stress	heat acclimation	P	AT1G54280
41614	7	F23 vs. S23	F2-3 up	GO:0010286	Signaling and response	Stress	heat acclimation	P	AT1G77000
41615	7	F23 vs. S23	F2-3 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT1G80030
41616	7	F23 vs. S23	F2-3 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT3G09440
41617	7	F23 vs. S23	F2-3 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT3G12580
41618	7	F23 vs. S23	F2-3 up	GO:0031072	Signaling and response	Stress	heat shock protein binding	F	AT5G22060

41619	7	F23 vs. S23	F2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT1G64060
41620	7	F23 vs. S23	F2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT3G14130
41621	7	F23 vs. S23	F2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT3G14420
41622	7	F23 vs. S23	F2-3 up	GO:0050665	Signaling and response	Stress	hydrogen peroxide biosynthetic process	P	AT4G18360
41623	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G20620
41624	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G20630
41625	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT2G24800
41626	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT2G37130
41627	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT3G49110
41628	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT3G52880
41629	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT4G32320
41630	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT4G37530
41631	7	F23 vs. S23	F2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT5G47000
41632	7	F23 vs. S23	F2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT3G53420
41633	7	F23 vs. S23	F2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT4G18910
41634	7	F23 vs. S23	F2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT5G60660
41635	7	F23 vs. S23	F2-3 up	GO:0047987	Signaling and response	Stress	hydroperoxide dehydratase activity	F	AT5G42650
41636	7	F23 vs. S23	F2-3 up	GO:0006972	Signaling and response	Stress	hyperosmotic response	P	AT4G01370
41637	7	F23 vs. S23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G14920
41638	7	F23 vs. S23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT3G55610
41639	7	F23 vs. S23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT4G32410
41640	7	F23 vs. S23	F2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT5G01410
41641	7	F23 vs. S23	F2-3 up	GO:0042539	Signaling and response	Stress	hypotonic salinity response	P	AT4G01370
41642	7	F23 vs. S23	F2-3 up	GO:0002376	Signaling and response	Stress	immune system process	P	AT1G42990
41643	7	F23 vs. S23	F2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT4G39030
41644	7	F23 vs. S23	F2-3 up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT4G26260
41645	7	F23 vs. S23	F2-3 up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT5G56640
41646	7	F23 vs. S23	F2-3 up	GO:0044419	Signaling and response	Stress	interspecies interaction between organisms	P	AT1G80600
41647	7	F23 vs. S23	F2-3 up	GO:0044419	Signaling and response	Stress	interspecies interaction between organisms	P	AT4G31750
41648	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G41830
41649	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G55560
41650	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G55570
41651	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13390
41652	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G13400
41653	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT4G16370
41654	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G01600
41655	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G51720
41656	7	F23 vs. S23	F2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT5G64940
41657	7	F23 vs. S23	F2-3 up	GO:0009861	Signaling and response	Stress	jasmonic acid and ethylene-dependent systemic resistance	P	AT4G01370
41658	7	F23 vs. S23	F2-3 up	GO:0009868	Signaling and response	Stress	jasmonic acid and ethylene-dependent systemic resistance, jasmonic acid mediated signaling pathway	P	AT4G01370
41659	7	F23 vs. S23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT1G19610
41660	7	F23 vs. S23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02140
41661	7	F23 vs. S23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT3G04720
41662	7	F23 vs. S23	F2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT4G11760
41663	7	F23 vs. S23	F2-3 up	GO:0004462	Signaling and response	Stress	lactoylglutathione lyase activity	F	AT1G11840
41664	7	F23 vs. S23	F2-3 up	GO:0004462	Signaling and response	Stress	lactoylglutathione lyase activity	F	AT1G67280
41665	7	F23 vs. S23	F2-3 up	GO:0016688	Signaling and response	Stress	L-ascorbate peroxidase activity	F	AT4G32320
41666	7	F23 vs. S23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT1G05010
41667	7	F23 vs. S23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT1G12010
41668	7	F23 vs. S23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT2G01490
41669	7	F23 vs. S23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT3G51240
41670	7	F23 vs. S23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT4G33910
41671	7	F23 vs. S23	F2-3 up	GO:0031418	Signaling and response	Stress	L-ascorbic acid binding	F	AT5G08640

41672	7	F23 vs. S23	F2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT2G39770
41673	7	F23 vs. S23	F2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT4G26260
41674	7	F23 vs. S23	F2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT5G56640
41675	7	F23 vs. S23	F2-3 up	GO:0055088	Signaling and response	Stress	lipid homeostasis	P	AT4G24160
41676	7	F23 vs. S23	F2-3 up	GO:0019243	Signaling and response	Stress	methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione	P	AT1G11840
41677	7	F23 vs. S23	F2-3 up	GO:0019243	Signaling and response	Stress	methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione	P	AT1G67280
41678	7	F23 vs. S23	F2-3 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT3G09440
41679	7	F23 vs. S23	F2-3 up	GO:0051787	Signaling and response	Stress	misfolded protein binding	F	AT3G12580
41680	7	F23 vs. S23	F2-3 up	GO:0051560	Signaling and response	Stress	mitochondrial calcium ion homeostasis	P	AT5G66650
41681	7	F23 vs. S23	F2-3 up	GO:0016656	Signaling and response	Stress	monodehydroascorbate reductase (NADH) activity	F	AT1G63940
41682	7	F23 vs. S23	F2-3 up	GO:0016656	Signaling and response	Stress	monodehydroascorbate reductase (NADH) activity	F	AT3G52880
41683	7	F23 vs. S23	F2-3 up	GO:0090359	Signaling and response	Stress	negative regulation of abscisic acid biosynthetic process	P	AT5G04760
41684	7	F23 vs. S23	F2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT1G01720
41685	7	F23 vs. S23	F2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT3G11410
41686	7	F23 vs. S23	F2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT4G26080
41687	7	F23 vs. S23	F2-3 up	GO:0043066	Signaling and response	Stress	negative regulation of apoptotic process	P	AT5G47120
41688	7	F23 vs. S23	F2-3 up	GO:0060548	Signaling and response	Stress	negative regulation of cell death	P	AT3G63310
41689	7	F23 vs. S23	F2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT4G39030
41690	7	F23 vs. S23	F2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT5G09230
41691	7	F23 vs. S23	F2-3 up	GO:1900425	Signaling and response	Stress	negative regulation of defense response to bacterium	P	AT1G51090
41692	7	F23 vs. S23	F2-3 up	GO:1900425	Signaling and response	Stress	negative regulation of defense response to bacterium	P	AT3G12620
41693	7	F23 vs. S23	F2-3 up	GO:1900366	Signaling and response	Stress	negative regulation of defense response to insect	P	AT3G22400
41694	7	F23 vs. S23	F2-3 up	GO:0010366	Signaling and response	Stress	negative regulation of ethylene biosynthetic process	P	AT1G80360
41695	7	F23 vs. S23	F2-3 up	GO:1901001	Signaling and response	Stress	negative regulation of response to salt stress	P	AT4G37260
41696	7	F23 vs. S23	F2-3 up	GO:0010187	Signaling and response	Stress	negative regulation of seed germination	P	AT1G14920
41697	7	F23 vs. S23	F2-3 up	GO:0010187	Signaling and response	Stress	negative regulation of seed germination	P	AT3G44680
41698	7	F23 vs. S23	F2-3 up	GO:0010113	Signaling and response	Stress	negative regulation of systemic acquired resistance	P	AT1G07260
41699	7	F23 vs. S23	F2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT3G44260
41700	7	F23 vs. S23	F2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G10960
41701	7	F23 vs. S23	F2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G22250
41702	7	F23 vs. S23	F2-3 up	GO:0050421	Signaling and response	Stress	nitrite reductase (NO-forming) activity	F	AT2G15620
41703	7	F23 vs. S23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT1G15820
41704	7	F23 vs. S23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT1G44575
41705	7	F23 vs. S23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT1G56500
41706	7	F23 vs. S23	F2-3 up	GO:0010196	Signaling and response	Stress	nonphotochemical quenching	P	AT4G03280
41707	7	F23 vs. S23	F2-3 up	GO:0018401	Signaling and response	Stress	peptidyl-proline hydroxylation to 4-hydroxy-L-proline	P	AT4G33910
41708	7	F23 vs. S23	F2-3 up	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT1G63010
41709	7	F23 vs. S23	F2-3 up	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT3G47420
41710	7	F23 vs. S23	F2-3 up	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT3G51860
41711	7	F23 vs. S23	F2-3 up	GO:0055062	Signaling and response	Stress	phosphate ion homeostasis	P	AT4G17550
41712	7	F23 vs. S23	F2-3 up	GO:0031210	Signaling and response	Stress	phosphatidylcholine binding	F	AT2G32260
41713	7	F23 vs. S23	F2-3 up	GO:0046854	Signaling and response	Stress	phosphatidylinositol phosphorylation	P	AT2G46500
41714	7	F23 vs. S23	F2-3 up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT3G08510
41715	7	F23 vs. S23	F2-3 up	GO:0048015	Signaling and response	Stress	phosphatidylinositol-mediated signaling	P	AT5G58690
41716	7	F23 vs. S23	F2-3 up	GO:0055091	Signaling and response	Stress	phospholipid homeostasis	P	AT4G24160
41717	7	F23 vs. S23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT1G27730
41718	7	F23 vs. S23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT3G22840

41719	7	F23 vs. S23	F2-3 up	GO:0010117	Signaling and response	Stress	photoprotection	P	AT4G14690
41720	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT1G29340
41721	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G25230
41722	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G37930
41723	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G37990
41724	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT4G38740
41725	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G50260
41726	7	F23 vs. S23	F2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G54250
41727	7	F23 vs. S23	F2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT1G70790
41728	7	F23 vs. S23	F2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT2G33150
41729	7	F23 vs. S23	F2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT5G01520
41730	7	F23 vs. S23	F2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT5G58430
41731	7	F23 vs. S23	F2-3 up	GO:0010365	Signaling and response	Stress	positive regulation of ethylene biosynthetic process	P	AT3G04070
41732	7	F23 vs. S23	F2-3 up	GO:0009963	Signaling and response	Stress	positive regulation of flavonoid biosynthetic process	P	AT1G32640
41733	7	F23 vs. S23	F2-3 up	GO:0034052	Signaling and response	Stress	positive regulation of plant-type hypersensitive response	P	AT4G25230
41734	7	F23 vs. S23	F2-3 up	GO:1902584	Signaling and response	Stress	positive regulation of response to water deprivation	P	AT3G05500
41735	7	F23 vs. S23	F2-3 up	GO:0055075	Signaling and response	Stress	potassium ion homeostasis	P	AT1G32450
41736	7	F23 vs. S23	F2-3 up	GO:0055075	Signaling and response	Stress	potassium ion homeostasis	P	AT5G27150
41737	7	F23 vs. S23	F2-3 up	GO:0004656	Signaling and response	Stress	procollagen-proline 4-dioxygenase activity	F	AT4G33910
41738	7	F23 vs. S23	F2-3 up	GO:0002020	Signaling and response	Stress	protease binding	F	AT1G78900
41739	7	F23 vs. S23	F2-3 up	GO:0002020	Signaling and response	Stress	protease binding	F	AT3G09440
41740	7	F23 vs. S23	F2-3 up	GO:0002020	Signaling and response	Stress	protease binding	F	AT5G11710
41741	7	F23 vs. S23	F2-3 up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT3G09440
41742	7	F23 vs. S23	F2-3 up	GO:0044183	Signaling and response	Stress	protein folding chaperone	F	AT3G12580
41743	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT1G80030
41744	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT2G33210
41745	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT3G09440
41746	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT3G12580
41747	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT4G34960
41748	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT4G38740
41749	7	F23 vs. S23	F2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT5G15450
41750	7	F23 vs. S23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT1G64060
41751	7	F23 vs. S23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT1G79440
41752	7	F23 vs. S23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT3G49110
41753	7	F23 vs. S23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G47910
41754	7	F23 vs. S23	F2-3 up	GO:0072593	Signaling and response	Stress	reactive oxygen species metabolic process	P	AT5G51720
41755	7	F23 vs. S23	F2-3 up	GO:0009787	Signaling and response	Stress	regulation of abscisic acid-activated signaling pathway	P	AT4G26080
41756	7	F23 vs. S23	F2-3 up	GO:1900067	Signaling and response	Stress	regulation of cellular response to alkaline pH	P	AT1G19180
41757	7	F23 vs. S23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G19180
41758	7	F23 vs. S23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT1G80840
41759	7	F23 vs. S23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT2G34600
41760	7	F23 vs. S23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT2G40750
41761	7	F23 vs. S23	F2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT4G02590
41762	7	F23 vs. S23	F2-3 up	GO:1900424	Signaling and response	Stress	regulation of defense response to bacterium	P	AT5G67160
41763	7	F23 vs. S23	F2-3 up	GO:1900150	Signaling and response	Stress	regulation of defense response to fungus	P	AT5G67160
41764	7	F23 vs. S23	F2-3 up	GO:1900150	Signaling and response	Stress	regulation of defense response to fungus	P	AT5G67300
41765	7	F23 vs. S23	F2-3 up	GO:2000068	Signaling and response	Stress	regulation of defense response to insect	P	AT1G32640
41766	7	F23 vs. S23	F2-3 up	GO:0050691	Signaling and response	Stress	regulation of defense response to virus by host	P	AT1G80840
41767	7	F23 vs. S23	F2-3 up	GO:0010104	Signaling and response	Stress	regulation of ethylene-activated signaling pathway	P	AT2G40750
41768	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT1G80660

41769	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT2G07560
41770	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT2G18960
41771	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G42640
41772	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G47950
41773	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT3G60330
41774	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT5G27150
41775	7	F23 vs. S23	F2-3 up	GO:0051453	Signaling and response	Stress	regulation of intracellular pH	P	AT5G57350
41776	7	F23 vs. S23	F2-3 up	GO:0006885	Signaling and response	Stress	regulation of pH	P	AT1G79400
41777	7	F23 vs. S23	F2-3 up	GO:0006885	Signaling and response	Stress	regulation of pH	P	AT3G17630
41778	7	F23 vs. S23	F2-3 up	GO:0010363	Signaling and response	Stress	regulation of plant-type hypersensitive response	P	AT4G31300
41779	7	F23 vs. S23	F2-3 up	GO:1903426	Signaling and response	Stress	regulation of reactive oxygen species biosynthetic process	P	AT2G20890
41780	7	F23 vs. S23	F2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT1G14920
41781	7	F23 vs. S23	F2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT3G60800
41782	7	F23 vs. S23	F2-3 up	GO:2001020	Signaling and response	Stress	regulation of response to DNA damage stimulus	P	AT3G50000
41783	7	F23 vs. S23	F2-3 up	GO:0047484	Signaling and response	Stress	regulation of response to osmotic stress	P	AT2G40750
41784	7	F23 vs. S23	F2-3 up	GO:1901031	Signaling and response	Stress	regulation of response to reactive oxygen species	P	AT5G64940
41785	7	F23 vs. S23	F2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT2G20890
41786	7	F23 vs. S23	F2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT2G40750
41787	7	F23 vs. S23	F2-3 up	GO:2000033	Signaling and response	Stress	regulation of seed dormancy process	P	AT1G14920
41788	7	F23 vs. S23	F2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT2G40750
41789	7	F23 vs. S23	F2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT4G01370
41790	7	F23 vs. S23	F2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G23060
41791	7	F23 vs. S23	F2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G27150
41792	7	F23 vs. S23	F2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT5G58430
41793	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G64060
41794	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G69530
41795	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT2G18960
41796	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G01500
41797	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G11410
41798	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT3G45780
41799	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G01370
41800	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G03560
41801	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G26080
41802	7	F23 vs. S23	F2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT5G25980
41803	7	F23 vs. S23	F2-3 up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT3G08510
41804	7	F23 vs. S23	F2-3 up	GO:0051209	Signaling and response	Stress	release of sequestered calcium ion into cytosol	P	AT5G58690
41805	7	F23 vs. S23	F2-3 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT2G17420
41806	7	F23 vs. S23	F2-3 up	GO:0019430	Signaling and response	Stress	removal of superoxide radicals	P	AT4G25100
41807	7	F23 vs. S23	F2-3 up	GO:0002679	Signaling and response	Stress	respiratory burst involved in defense response	P	AT1G64060
41808	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G08920
41809	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G14920
41810	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G20630
41811	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G27730
41812	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G32080
41813	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G32640
41814	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G54100
41815	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G71960
41816	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G05710
41817	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G18960
41818	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G35940
41819	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G38750
41820	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G46820
41821	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G11050

41822	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G11410
41823	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G14050
41824	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G46620
41825	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G48170
41826	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G51920
41827	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G53420
41828	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G55610
41829	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G01370
41830	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G02380
41831	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G04020
41832	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G19810
41833	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G26080
41834	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G27410
41835	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G27630
41836	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G34710
41837	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G37260
41838	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G38970
41839	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G01520
41840	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G04500
41841	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G04760
41842	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G13180
41843	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G25610
41844	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G25980
41845	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G40010
41846	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G60660
41847	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G66400
41848	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G67300
41849	7	F23 vs. S23	F2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	ATCG00490
41850	7	F23 vs. S23	F2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT4G02380
41851	7	F23 vs. S23	F2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT5G01410
41852	7	F23 vs. S23	F2-3 up	GO:0046685	Signaling and response	Stress	response to arsenic-containing substance	P	AT4G18910
41853	7	F23 vs. S23	F2-3 up	GO:0046685	Signaling and response	Stress	response to arsenic-containing substance	P	AT4G33540
41854	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G01120
41855	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G07720
41856	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G09340
41857	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G09560
41858	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G09780
41859	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G16880
41860	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G20620
41861	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G21760
41862	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G23740
41863	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G27730
41864	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G32060
41865	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G42970
41866	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G45474
41867	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G61520
41868	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G63940
41869	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G67280
41870	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G68530
41871	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G79440
41872	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G05100
41873	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G16500
41874	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37760
41875	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37770
41876	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G38750
41877	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G39730

41878	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G40140
41879	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G47730
41880	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G01500
41881	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G06510
41882	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G08730
41883	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G11410
41884	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G12780
41885	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G17390
41886	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22310
41887	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22370
41888	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G22840
41889	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G26650
41890	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G47470
41891	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G54050
41892	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G01370
41893	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G02380
41894	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G04020
41895	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G20260
41896	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G25490
41897	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G26080
41898	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G31990
41899	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G34710
41900	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G37930
41901	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G01600
41902	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G06760
41903	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G40010
41904	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G54770
41905	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G57560
41906	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G58770
41907	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G61410
41908	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	ATCG00120
41909	7	F23 vs. S23	F2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	ATCG00480
41910	7	F23 vs. S23	F2-3 up	GO:0010201	Signaling and response	Stress	response to continuous far red light stimulus by the high-irradiance response system	P	AT2G35940
41911	7	F23 vs. S23	F2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT4G38400
41912	7	F23 vs. S23	F2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G57560
41913	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G32640
41914	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT1G54100
41915	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G05100
41916	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G37180
41917	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT2G44060
41918	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT3G25760
41919	7	F23 vs. S23	F2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT5G25610
41920	7	F23 vs. S23	F2-3 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT1G42990
41921	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT1G14920
41922	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT1G64060
41923	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT2G27050
41924	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT3G04720
41925	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT3G50060
41926	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G02380
41927	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G11280
41928	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G32940
41929	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT4G37260
41930	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G05730
41931	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G45890
41932	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G60360

41933	7	F23 vs. S23	F2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G67300
41934	7	F23 vs. S23	F2-3 up	GO:0009413	Signaling and response	Stress	response to flooding	P	AT3G04070
41935	7	F23 vs. S23	F2-3 up	GO:0050826	Signaling and response	Stress	response to freezing	P	AT3G06510
41936	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT1G05010
41937	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT1G73500
41938	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT2G30020
41939	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G14310
41940	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G45140
41941	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT4G01370
41942	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G08370
41943	7	F23 vs. S23	F2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G42650
41944	7	F23 vs. S23	F2-3 up	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT3G50000
41945	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G21760
41946	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G79440
41947	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G80030
41948	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G38750
41949	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT2G39770
41950	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G04120
41951	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G09440
41952	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT3G12580
41953	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G13670
41954	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G23100
41955	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G26080
41956	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G15450
41957	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G22060
41958	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G47910
41959	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G57560
41960	7	F23 vs. S23	F2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G67300
41961	7	F23 vs. S23	F2-3 up	GO:0009635	Signaling and response	Stress	response to herbicide	P	ATCG00020
41962	7	F23 vs. S23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT3G04720
41963	7	F23 vs. S23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT3G45140
41964	7	F23 vs. S23	F2-3 up	GO:0080027	Signaling and response	Stress	response to herbivore	P	AT4G15210
41965	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G07600
41966	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G27730
41967	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G45474
41968	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G55480
41969	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT1G61520
41970	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT2G05100
41971	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT3G18780
41972	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT3G47470
41973	7	F23 vs. S23	F2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT5G64940
41974	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G18150
41975	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G20620
41976	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G20630
41977	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT1G73260
41978	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G04120
41979	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT3G17790
41980	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G01600
41981	7	F23 vs. S23	F2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT5G64940
41982	7	F23 vs. S23	F2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G23310
41983	7	F23 vs. S23	F2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G72330
41984	7	F23 vs. S23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT1G16410
41985	7	F23 vs. S23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT1G73260
41986	7	F23 vs. S23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G02380
41987	7	F23 vs. S23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G13770
41988	7	F23 vs. S23	F2-3 up	GO:0009625	Signaling and response	Stress	response to insect	P	AT4G19840

41989	7	F23 vs. S23	F2-3 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT4G26970
41990	7	F23 vs. S23	F2-3 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT5G64940
41991	7	F23 vs. S23	F2-3 up	GO:1990641	Signaling and response	Stress	response to iron ion starvation	P	AT5G67370
41992	7	F23 vs. S23	F2-3 up	GO:0033591	Signaling and response	Stress	response to L-ascorbic acid	P	AT3G02570
41993	7	F23 vs. S23	F2-3 up	GO:0006982	Signaling and response	Stress	response to lipid hydroperoxide	P	AT5G01410
41994	7	F23 vs. S23	F2-3 up	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT1G45474
41995	7	F23 vs. S23	F2-3 up	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT1G61520
41996	7	F23 vs. S23	F2-3 up	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT2G05100
41997	7	F23 vs. S23	F2-3 up	GO:0009645	Signaling and response	Stress	response to low light intensity stimulus	P	AT3G47470
41998	7	F23 vs. S23	F2-3 up	GO:0009612	Signaling and response	Stress	response to mechanical stimulus	P	AT4G11280
41999	7	F23 vs. S23	F2-3 up	GO:0009612	Signaling and response	Stress	response to mechanical stimulus	P	AT5G57560
42000	7	F23 vs. S23	F2-3 up	GO:0010188	Signaling and response	Stress	response to microbial phytotoxin	P	AT1G80460
42001	7	F23 vs. S23	F2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G73260
42002	7	F23 vs. S23	F2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G80460
42003	7	F23 vs. S23	F2-3 up	GO:0002237	Signaling and response	Stress	response to molecule of bacterial origin	P	AT1G80840
42004	7	F23 vs. S23	F2-3 up	GO:0002238	Signaling and response	Stress	response to molecule of fungal origin	P	AT1G73260
42005	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G58360
42006	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G61800
42007	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G73260
42008	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G30080
42009	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G40460
42010	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G11900
42011	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G14310
42012	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT3G51860
42013	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G17500
42014	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G39030
42015	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G52450
42016	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G53550
42017	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G61410
42018	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G64290
42019	7	F23 vs. S23	F2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G64840
42020	7	F23 vs. S23	F2-3 up	GO:0090548	Signaling and response	Stress	response to nitrate starvation	P	AT5G49660
42021	7	F23 vs. S23	F2-3 up	GO:0010335	Signaling and response	Stress	response to non-ionic osmotic stress	P	AT5G01410
42022	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G43700
42023	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G37180
42024	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G38750
42025	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G40750
42026	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G08730
42027	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G34710
42028	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G40010
42029	7	F23 vs. S23	F2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT5G06760
42030	7	F23 vs. S23	F2-3 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT3G45140
42031	7	F23 vs. S23	F2-3 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT3G54950
42032	7	F23 vs. S23	F2-3 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT4G34135
42033	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G27730
42034	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G49670
42035	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G76080
42036	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G78380
42037	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G05710
42038	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G16500
42039	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G24800
42040	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G37040
42041	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G37130
42042	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G40000
42043	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G03190
42044	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G04120

42045	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G11050
42046	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G15360
42047	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G49110
42048	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G02380
42049	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G11280
42050	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G25100
42051	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G26970
42052	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G34710
42053	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G37530
42054	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G01410
42055	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G47000
42056	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G54810
42057	7	F23 vs. S23	F2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G64940
42058	7	F23 vs. S23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT1G72520
42059	7	F23 vs. S23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT2G39770
42060	7	F23 vs. S23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT3G17800
42061	7	F23 vs. S23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G23100
42062	7	F23 vs. S23	F2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT4G25100
42063	7	F23 vs. S23	F2-3 up	GO:0009268	Signaling and response	Stress	response to pH	P	AT2G30360
42064	7	F23 vs. S23	F2-3 up	GO:0080183	Signaling and response	Stress	response to photooxidative stress	P	AT1G03850
42065	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G18150
42066	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G66950
42067	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT2G37860
42068	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT2G40750
42069	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G11050
42070	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G56240
42071	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G02380
42072	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT4G32320
42073	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT5G01600
42074	7	F23 vs. S23	F2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT5G13650
42075	7	F23 vs. S23	F2-3 up	GO:0051775	Signaling and response	Stress	response to redox state	P	AT3G04120
42076	7	F23 vs. S23	F2-3 up	GO:0051775	Signaling and response	Stress	response to redox state	P	AT5G58330
42077	7	F23 vs. S23	F2-3 up	GO:1902074	Signaling and response	Stress	response to salt	P	AT1G79440
42078	7	F23 vs. S23	F2-3 up	GO:1902074	Signaling and response	Stress	response to salt	P	AT5G04760
42079	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G08920
42080	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G14920
42081	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G27730
42082	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G27760
42083	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G54100
42084	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G73500
42085	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G16500
42086	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37760
42087	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G37770
42088	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G38750
42089	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G39770
42090	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G44450
42091	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G46500
42092	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G03640
42093	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G08730
42094	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G22310
42095	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G47950
42096	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G51920
42097	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G53420
42098	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G01370
42099	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G19810
42100	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G34710

42101	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G40010
42102	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G01410
42103	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G01520
42104	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G04500
42105	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G13180
42106	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G14040
42107	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G25610
42108	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G27150
42109	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G40010
42110	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G58003
42111	7	F23 vs. S23	F2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G67300
42112	7	F23 vs. S23	F2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT5G20700
42113	7	F23 vs. S23	F2-3 up	GO:0009610	Signaling and response	Stress	response to symbiotic fungus	P	AT2G35940
42114	7	F23 vs. S23	F2-3 up	GO:0009610	Signaling and response	Stress	response to symbiotic fungus	P	AT5G64250
42115	7	F23 vs. S23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT2G37760
42116	7	F23 vs. S23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT2G37770
42117	7	F23 vs. S23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT3G21560
42118	7	F23 vs. S23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT4G01070
42119	7	F23 vs. S23	F2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT5G02790
42120	7	F23 vs. S23	F2-3 up	GO:0006986	Signaling and response	Stress	response to unfolded protein	P	AT3G09440
42121	7	F23 vs. S23	F2-3 up	GO:0006986	Signaling and response	Stress	response to unfolded protein	P	AT3G12580
42122	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT2G37040
42123	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G17800
42124	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G21890
42125	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G51240
42126	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT4G14690
42127	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G01410
42128	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G45890
42129	7	F23 vs. S23	F2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G63860
42130	7	F23 vs. S23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT1G14790
42131	7	F23 vs. S23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT2G43570
42132	7	F23 vs. S23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G04720
42133	7	F23 vs. S23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G09440
42134	7	F23 vs. S23	F2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT3G12580
42135	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G02205
42136	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G08920
42137	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G27730
42138	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G47128
42139	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G76080
42140	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G18960
42141	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G26740
42142	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37180
42143	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37760
42144	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G37770
42145	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G38750
42146	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G11410
42147	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G22310
42148	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G23920
42149	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G45140
42150	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G46620
42151	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G48170
42152	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G51920
42153	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G53420
42154	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G02380
42155	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G20260
42156	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G25490

42157	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G27410
42158	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G28680
42159	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G06530
42160	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G06760
42161	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G40010
42162	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G47120
42163	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G58430
42164	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G63850
42165	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G66400
42166	7	F23 vs. S23	F2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G67300
42167	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G01720
42168	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G09340
42169	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G18150
42170	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G19180
42171	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G27730
42172	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G32640
42173	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G55480
42174	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G72520
42175	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G73260
42176	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G73500
42177	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G80840
42178	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G02990
42179	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G26690
42180	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G30020
42181	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G33150
42182	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G34600
42183	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT2G37040
42184	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G14050
42185	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G17800
42186	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G19710
42187	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G44260
42188	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G45140
42189	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G48520
42190	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G11280
42191	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G12030
42192	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G28680
42193	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G32940
42194	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G34710
42195	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G37760
42196	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G05730
42197	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G06320
42198	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G09810
42199	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G14200
42200	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G42650
42201	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G47910
42202	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G53890
42203	7	F23 vs. S23	F2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G54170
42204	7	F23 vs. S23	F2-3 up	GO:0005094	Signaling and response	Stress	Rho GDP-dissociation inhibitor activity	F	AT1G12070
42205	7	F23 vs. S23	F2-3 up	GO:0051903	Signaling and response	Stress	S-(hydroxymethyl)glutathione dehydrogenase activity	F	AT5G24760
42206	7	F23 vs. S23	F2-3 up	GO:0004867	Signaling and response	Stress	serine-type endopeptidase inhibitor activity	F	AT1G73260
42207	7	F23 vs. S23	F2-3 up	GO:0090332	Signaling and response	Stress	stomatal closure	P	AT4G20260
42208	7	F23 vs. S23	F2-3 up	GO:0004784	Signaling and response	Stress	superoxide dismutase activity	F	AT4G25100
42209	7	F23 vs. S23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G13810
42210	7	F23 vs. S23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G37870
42211	7	F23 vs. S23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT2G43570

42212	7	F23 vs. S23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G04720
42213	7	F23 vs. S23	F2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G53980
42214	7	F23 vs. S23	F2-3 up	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT2G13810
42215	7	F23 vs. S23	F2-3 up	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT4G01370
42216	7	F23 vs. S23	F2-3 up	GO:0004843	Signaling and response	Stress	thiol-dependent ubiquitin-specific protease activity	F	AT5G04250
42217	7	F23 vs. S23	F2-3 up	GO:0042964	Signaling and response	Stress	thioredoxin reduction	P	AT2G17420
42218	7	F23 vs. S23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78320
42219	7	F23 vs. S23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78370
42220	7	F23 vs. S23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT1G78380
42221	7	F23 vs. S23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT2G02390
42222	7	F23 vs. S23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT2G47730
42223	7	F23 vs. S23	F2-3 up	GO:0009407	Signaling and response	Stress	toxin catabolic process	P	AT3G03190
42224	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G06700
42225	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G61860
42226	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G16750
42227	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G18470
42228	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT2G41970
42229	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G20530
42230	7	F23 vs. S23	F2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G10290
42231	7	F23 vs. S23	F2-3 up	GO:0070328	Signaling and response	Stress	triglyceride homeostasis	P	AT4G24160
42232	7	F23 vs. S23	F2-3 up	GO:0030433	Signaling and response	Stress	ubiquitin-dependent ERAD pathway	P	AT4G25230
42233	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT1G80030
42234	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G20560
42235	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G33210
42236	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G09440
42237	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G12580
42238	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G47940
42239	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G25230
42240	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G34960
42241	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G38740
42242	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G22060
42243	7	F23 vs. S23	F2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	ATCG00520
42244	7	F23 vs. S23	F2-3 up	GO:0016032	Signaling and response	Stress	viral process	P	AT5G13180
42245	7	F23 vs. S23	F2-3 up	GO:0039694	Signaling and response	Stress	viral RNA genome replication	P	AT3G22310
42246	7	F23 vs. S23	F2-3 up	GO:0010189	Signaling and response	Stress	vitamin E biosynthetic process	P	AT5G53970
42247	7	F23 vs. S23	F2-3 up	GO:0036513	Signaling and response	Stress	Derlin-1 retrotranslocation complex	C	AT4G25230
42248	7	F23 vs. S23	S2-3 up	GO:0005680	Development	Cell division	anaphase-promoting complex	C	AT5G63135
42249	7	F23 vs. S23	S2-3 up	GO:0010997	Development	Cell division	anaphase-promoting complex binding	F	AT4G33260
42250	7	F23 vs. S23	S2-3 up	GO:0010997	Development	Cell division	anaphase-promoting complex binding	F	AT5G13840
42251	7	F23 vs. S23	S2-3 up	GO:0031145	Development	Cell division	anaphase-promoting complex-dependent catabolic process	P	AT3G20060
42252	7	F23 vs. S23	S2-3 up	GO:0009971	Development	Cell division	anastral spindle assembly involved in male meiosis	P	AT4G21270
42253	7	F23 vs. S23	S2-3 up	GO:0008356	Development	Cell division	asymmetric cell division	P	AT2G02080
42254	7	F23 vs. S23	S2-3 up	GO:0008356	Development	Cell division	asymmetric cell division	P	AT3G54220
42255	7	F23 vs. S23	S2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT1G80850
42256	7	F23 vs. S23	S2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT3G12710

42257	7	F23 vs. S23	S2-3 up	GO:0006284	Development	Cell division	base-excision repair	P	AT5G04560
42258	7	F23 vs. S23	S2-3 up	GO:0090661	Development	Cell division	box H/ACA telomerase RNP complex	C	AT2G20490
42259	7	F23 vs. S23	S2-3 up	GO:0070531	Development	Cell division	BRCA1-A complex	C	AT5G42470
42260	7	F23 vs. S23	S2-3 up	GO:0070552	Development	Cell division	BRISC complex	C	AT5G42470
42261	7	F23 vs. S23	S2-3 up	GO:1990298	Development	Cell division	bub1-bub3 complex	C	AT1G49910
42262	7	F23 vs. S23	S2-3 up	GO:0015030	Development	Cell division	Cajal body	C	AT2G20490
42263	7	F23 vs. S23	S2-3 up	GO:0015030	Development	Cell division	Cajal body	C	AT2G27040
42264	7	F23 vs. S23	S2-3 up	GO:0015030	Development	Cell division	Cajal body	C	AT2G30260
42265	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT1G22530
42266	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT1G30690
42267	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT1G66750
42268	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT2G27970
42269	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT3G07980
42270	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT3G51280
42271	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT3G60190
42272	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT4G02570
42273	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT4G33260
42274	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT5G13840
42275	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT5G55230
42276	7	F23 vs. S23	S2-3 up	GO:0007049	Development	Cell division	cell cycle	P	AT5G59360
42277	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT1G22530
42278	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT1G30690
42279	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT1G47870
42280	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT1G49910
42281	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT1G66750
42282	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G17620
42283	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G26760
42284	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G27960
42285	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G27970
42286	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT2G40550
42287	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G07980
42288	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G20060
42289	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G25100
42290	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G25520
42291	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G25980
42292	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G51280
42293	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT3G60190
42294	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G21270
42295	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G32830
42296	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G33260
42297	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G34160
42298	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G37490
42299	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT4G37750
42300	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G13840
42301	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G17620
42302	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G28640
42303	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G40770
42304	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G48600
42305	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G51340
42306	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G55230
42307	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G62410
42308	7	F23 vs. S23	S2-3 up	GO:0051301	Development	Cell division	cell division	P	AT5G67270
42309	7	F23 vs. S23	S2-3 up	GO:0008283	Development	Cell division	cell population proliferation	P	AT4G02060
42310	7	F23 vs. S23	S2-3 up	GO:0008283	Development	Cell division	cell population proliferation	P	AT5G28640
42311	7	F23 vs. S23	S2-3 up	GO:0030896	Development	Cell division	checkpoint clamp complex	C	AT4G17760
42312	7	F23 vs. S23	S2-3 up	GO:0051026	Development	Cell division	chiasma assembly	P	AT3G13170

42313	7	F23 vs. S23	S2-3 up	GO:0005694	Development	Cell division	chromosome	C	AT3G13170
42314	7	F23 vs. S23	S2-3 up	GO:0005694	Development	Cell division	chromosome	C	AT5G02820
42315	7	F23 vs. S23	S2-3 up	GO:0005694	Development	Cell division	chromosome	C	AT5G48600
42316	7	F23 vs. S23	S2-3 up	GO:0030261	Development	Cell division	chromosome condensation	P	AT2G30620
42317	7	F23 vs. S23	S2-3 up	GO:0030261	Development	Cell division	chromosome condensation	P	AT5G62410
42318	7	F23 vs. S23	S2-3 up	GO:0070192	Development	Cell division	chromosome organization involved in meiotic cell cycle	P	AT2G31970
42319	7	F23 vs. S23	S2-3 up	GO:0032133	Development	Cell division	chromosome passenger complex	C	AT4G32830
42320	7	F23 vs. S23	S2-3 up	GO:0007059	Development	Cell division	chromosome segregation	P	AT1G49910
42321	7	F23 vs. S23	S2-3 up	GO:0007059	Development	Cell division	chromosome segregation	P	AT3G23890
42322	7	F23 vs. S23	S2-3 up	GO:0007059	Development	Cell division	chromosome segregation	P	AT5G42190
42323	7	F23 vs. S23	S2-3 up	GO:0000243	Development	Cell division	commitment complex	C	AT3G07590
42324	7	F23 vs. S23	S2-3 up	GO:0000243	Development	Cell division	commitment complex	C	AT4G02840
42325	7	F23 vs. S23	S2-3 up	GO:0000793	Development	Cell division	condensed chromosome	C	AT4G11080
42326	7	F23 vs. S23	S2-3 up	GO:0000777	Development	Cell division	condensed chromosome kinetochore	C	AT1G49910
42327	7	F23 vs. S23	S2-3 up	GO:0000777	Development	Cell division	condensed chromosome kinetochore	C	AT3G25980
42328	7	F23 vs. S23	S2-3 up	GO:0000777	Development	Cell division	condensed chromosome kinetochore	C	AT4G21270
42329	7	F23 vs. S23	S2-3 up	GO:0000794	Development	Cell division	condensed nuclear chromosome	C	AT2G31970
42330	7	F23 vs. S23	S2-3 up	GO:0000794	Development	Cell division	condensed nuclear chromosome	C	AT4G02570
42331	7	F23 vs. S23	S2-3 up	GO:0000794	Development	Cell division	condensed nuclear chromosome	C	AT4G11080
42332	7	F23 vs. S23	S2-3 up	GO:0000778	Development	Cell division	condensed nuclear chromosome kinetochore	C	AT2G33560
42333	7	F23 vs. S23	S2-3 up	GO:0000780	Development	Cell division	condensed nuclear chromosome, centromeric region	C	AT4G32830
42334	7	F23 vs. S23	S2-3 up	GO:0000796	Development	Cell division	condensin complex	C	AT5G62410
42335	7	F23 vs. S23	S2-3 up	GO:0030332	Development	Cell division	cyclin binding	F	AT2G38620
42336	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT1G76540
42337	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G17620
42338	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G26760
42339	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G27960
42340	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G27970
42341	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT2G38620
42342	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT4G34160
42343	7	F23 vs. S23	S2-3 up	GO:0000307	Development	Cell division	cyclin-dependent protein kinase holoenzyme complex	C	AT4G37490
42344	7	F23 vs. S23	S2-3 up	GO:0061575	Development	Cell division	cyclin-dependent protein serine/threonine kinase activator activity	F	AT2G27960
42345	7	F23 vs. S23	S2-3 up	GO:0061575	Development	Cell division	cyclin-dependent protein serine/threonine kinase activator activity	F	AT2G27970
42346	7	F23 vs. S23	S2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G20930
42347	7	F23 vs. S23	S2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G66750
42348	7	F23 vs. S23	S2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT1G76540
42349	7	F23 vs. S23	S2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT2G38620
42350	7	F23 vs. S23	S2-3 up	GO:0004693	Development	Cell division	cyclin-dependent protein serine/threonine kinase activity	F	AT4G13020

42351	7	F23 vs. S23	S2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT2G17620
42352	7	F23 vs. S23	S2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT2G26760
42353	7	F23 vs. S23	S2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT4G34160
42354	7	F23 vs. S23	S2-3 up	GO:0016538	Development	Cell division	cyclin-dependent protein serine/threonine kinase regulator activity	F	AT4G37490
42355	7	F23 vs. S23	S2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT1G53140
42356	7	F23 vs. S23	S2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT2G35630
42357	7	F23 vs. S23	S2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT3G50960
42358	7	F23 vs. S23	S2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT5G50375
42359	7	F23 vs. S23	S2-3 up	GO:0000910	Development	Cell division	cytokinesis	P	AT5G55230
42360	7	F23 vs. S23	S2-3 up	GO:0000911	Development	Cell division	cytokinesis by cell plate formation	P	AT1G50240
42361	7	F23 vs. S23	S2-3 up	GO:0000911	Development	Cell division	cytokinesis by cell plate formation	P	AT4G00100
42362	7	F23 vs. S23	S2-3 up	GO:0000911	Development	Cell division	cytokinesis by cell plate formation	P	AT5G51600
42363	7	F23 vs. S23	S2-3 up	GO:0043625	Development	Cell division	delta DNA polymerase complex	C	AT1G09815
42364	7	F23 vs. S23	S2-3 up	GO:0003689	Development	Cell division	DNA clamp loader activity	F	AT1G21690
42365	7	F23 vs. S23	S2-3 up	GO:0003689	Development	Cell division	DNA clamp loader activity	F	AT4G18820
42366	7	F23 vs. S23	S2-3 up	GO:0000077	Development	Cell division	DNA damage checkpoint	P	AT4G17760
42367	7	F23 vs. S23	S2-3 up	GO:0080111	Development	Cell division	DNA demethylation	P	AT1G80420
42368	7	F23 vs. S23	S2-3 up	GO:0032508	Development	Cell division	DNA duplex unwinding	P	AT2G31970
42369	7	F23 vs. S23	S2-3 up	GO:0032508	Development	Cell division	DNA duplex unwinding	P	AT4G38680
42370	7	F23 vs. S23	S2-3 up	GO:0042023	Development	Cell division	DNA endoreduplication	P	AT1G47870
42371	7	F23 vs. S23	S2-3 up	GO:0042023	Development	Cell division	DNA endoreduplication	P	AT2G27960
42372	7	F23 vs. S23	S2-3 up	GO:0003678	Development	Cell division	DNA helicase activity	F	AT2G47680
42373	7	F23 vs. S23	S2-3 up	GO:0006266	Development	Cell division	DNA ligation	P	AT1G80420
42374	7	F23 vs. S23	S2-3 up	GO:0009294	Development	Cell division	DNA mediated transformation	P	AT1G06230
42375	7	F23 vs. S23	S2-3 up	GO:0009294	Development	Cell division	DNA mediated transformation	P	AT5G22650
42376	7	F23 vs. S23	S2-3 up	GO:0006310	Development	Cell division	DNA recombination	P	AT1G79050
42377	7	F23 vs. S23	S2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT1G71260
42378	7	F23 vs. S23	S2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT1G79050
42379	7	F23 vs. S23	S2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT2G24490
42380	7	F23 vs. S23	S2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G09740
42381	7	F23 vs. S23	S2-3 up	GO:0006281	Development	Cell division	DNA repair	P	AT5G18070
42382	7	F23 vs. S23	S2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT2G24490
42383	7	F23 vs. S23	S2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT2G40550
42384	7	F23 vs. S23	S2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G02060
42385	7	F23 vs. S23	S2-3 up	GO:0006260	Development	Cell division	DNA replication	P	AT4G29910
42386	7	F23 vs. S23	S2-3 up	GO:0000076	Development	Cell division	DNA replication checkpoint	P	AT3G02820
42387	7	F23 vs. S23	S2-3 up	GO:0005662	Development	Cell division	DNA replication factor A complex	C	AT2G24490
42388	7	F23 vs. S23	S2-3 up	GO:0005662	Development	Cell division	DNA replication factor A complex	C	AT4G15900
42389	7	F23 vs. S23	S2-3 up	GO:0005663	Development	Cell division	DNA replication factor C complex	C	AT1G21690
42390	7	F23 vs. S23	S2-3 up	GO:0005663	Development	Cell division	DNA replication factor C complex	C	AT4G18820
42391	7	F23 vs. S23	S2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT1G80190
42392	7	F23 vs. S23	S2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT3G25100
42393	7	F23 vs. S23	S2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G02060
42394	7	F23 vs. S23	S2-3 up	GO:0006270	Development	Cell division	DNA replication initiation	P	AT4G29910
42395	7	F23 vs. S23	S2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT3G25100
42396	7	F23 vs. S23	S2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G02060
42397	7	F23 vs. S23	S2-3 up	GO:0003688	Development	Cell division	DNA replication origin binding	F	AT4G29910
42398	7	F23 vs. S23	S2-3 up	GO:0031261	Development	Cell division	DNA replication preinitiation complex	C	AT3G25100
42399	7	F23 vs. S23	S2-3 up	GO:0006271	Development	Cell division	DNA strand elongation involved in DNA replication	P	AT4G02060
42400	7	F23 vs. S23	S2-3 up	GO:0003916	Development	Cell division	DNA topoisomerase activity	F	AT3G23890
42401	7	F23 vs. S23	S2-3 up	GO:0003918	Development	Cell division	DNA topoisomerase type II (double strand cut, ATP-hydrolyzing) activity	F	AT3G23890

42402	7	F23 vs. S23	S2-3 up	GO:0003918	Development	Cell division	DNA topoisomerase type II (double strand cut, ATP-hydrolyzing) activity	F	AT5G02820
42403	7	F23 vs. S23	S2-3 up	GO:0009330	Development	Cell division	DNA topoisomerase type II (double strand cut, ATP-hydrolyzing) complex	C	AT3G23890
42404	7	F23 vs. S23	S2-3 up	GO:0006265	Development	Cell division	DNA topological change	P	AT3G23890
42405	7	F23 vs. S23	S2-3 up	GO:0006268	Development	Cell division	DNA unwinding involved in DNA replication	P	AT4G02060
42406	7	F23 vs. S23	S2-3 up	GO:0003906	Development	Cell division	DNA-(apurinic or apyrimidinic site) endonuclease activity	F	AT5G04560
42407	7	F23 vs. S23	S2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G09815
42408	7	F23 vs. S23	S2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT1G21690
42409	7	F23 vs. S23	S2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT2G40550
42410	7	F23 vs. S23	S2-3 up	GO:0006261	Development	Cell division	DNA-dependent DNA replication	P	AT4G18820
42411	7	F23 vs. S23	S2-3 up	GO:0003887	Development	Cell division	DNA-directed DNA polymerase activity	F	AT1G09815
42412	7	F23 vs. S23	S2-3 up	GO:0006302	Development	Cell division	double-strand break repair	P	AT2G31970
42413	7	F23 vs. S23	S2-3 up	GO:0006302	Development	Cell division	double-strand break repair	P	AT5G43500
42414	7	F23 vs. S23	S2-3 up	GO:0000727	Development	Cell division	double-strand break repair via break-induced replication	P	AT3G25100
42415	7	F23 vs. S23	S2-3 up	GO:0000727	Development	Cell division	double-strand break repair via break-induced replication	P	AT4G02060
42416	7	F23 vs. S23	S2-3 up	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT2G24490
42417	7	F23 vs. S23	S2-3 up	GO:0000724	Development	Cell division	double-strand break repair via homologous recombination	P	AT3G05210
42418	7	F23 vs. S23	S2-3 up	GO:0006303	Development	Cell division	double-strand break repair via nonhomologous end joining	P	AT1G80420
42419	7	F23 vs. S23	S2-3 up	GO:0010385	Development	Cell division	double-stranded methylated DNA binding	F	AT1G80420
42420	7	F23 vs. S23	S2-3 up	GO:0004519	Development	Cell division	endonuclease activity	F	AT3G62050
42421	7	F23 vs. S23	S2-3 up	GO:0010481	Development	Cell division	epidermal cell division	P	AT3G22780
42422	7	F23 vs. S23	S2-3 up	GO:0070522	Development	Cell division	ERCC4-ERCC1 complex	C	AT3G05210
42423	7	F23 vs. S23	S2-3 up	GO:0000132	Development	Cell division	establishment of mitotic spindle orientation	P	AT3G58650
42424	7	F23 vs. S23	S2-3 up	GO:0000082	Development	Cell division	G1/S transition of mitotic cell cycle	P	AT4G34160
42425	7	F23 vs. S23	S2-3 up	GO:0000086	Development	Cell division	G2/M transition of mitotic cell cycle	P	AT1G76540
42426	7	F23 vs. S23	S2-3 up	GO:0007276	Development	Cell division	gamete generation	P	AT4G37750
42427	7	F23 vs. S23	S2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G25100
42428	7	F23 vs. S23	S2-3 up	GO:0048229	Development	Cell division	gametophyte development	P	AT3G49670
42429	7	F23 vs. S23	S2-3 up	GO:0000811	Development	Cell division	GINS complex	C	AT1G80190
42430	7	F23 vs. S23	S2-3 up	GO:0051880	Development	Cell division	G-quadruplex DNA binding	F	AT2G31970
42431	7	F23 vs. S23	S2-3 up	GO:0070652	Development	Cell division	HAUS complex	C	AT5G17620
42432	7	F23 vs. S23	S2-3 up	GO:0000741	Development	Cell division	karyogamy	P	AT2G20585
42433	7	F23 vs. S23	S2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT1G49910
42434	7	F23 vs. S23	S2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT2G33560
42435	7	F23 vs. S23	S2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT2G35630
42436	7	F23 vs. S23	S2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT3G25980
42437	7	F23 vs. S23	S2-3 up	GO:0000776	Development	Cell division	kinetochore	C	AT4G09550
42438	7	F23 vs. S23	S2-3 up	GO:0034090	Development	Cell division	maintenance of meiotic sister chromatid cohesion	P	AT3G13170
42439	7	F23 vs. S23	S2-3 up	GO:0034088	Development	Cell division	maintenance of mitotic sister chromatid cohesion	P	AT5G51340
42440	7	F23 vs. S23	S2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT1G50240
42441	7	F23 vs. S23	S2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT3G23670
42442	7	F23 vs. S23	S2-3 up	GO:0007112	Development	Cell division	male meiosis cytokinesis	P	AT5G56580
42443	7	F23 vs. S23	S2-3 up	GO:0042555	Development	Cell division	MCM complex	C	AT2G40550
42444	7	F23 vs. S23	S2-3 up	GO:0042555	Development	Cell division	MCM complex	C	AT4G02060
42445	7	F23 vs. S23	S2-3 up	GO:0009554	Development	Cell division	megasporogenesis	P	AT2G41420
42446	7	F23 vs. S23	S2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT1G49910
42447	7	F23 vs. S23	S2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G48600
42448	7	F23 vs. S23	S2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G61960
42449	7	F23 vs. S23	S2-3 up	GO:0051321	Development	Cell division	meiotic cell cycle	P	AT5G62410

42450	7	F23 vs. S23	S2-3 up	GO:0042138	Development	Cell division	meiotic DNA double-strand break formation	P	AT3G13170
42451	7	F23 vs. S23	S2-3 up	GO:0042138	Development	Cell division	meiotic DNA double-strand break formation	P	AT5G02820
42452	7	F23 vs. S23	S2-3 up	GO:0000706	Development	Cell division	meiotic DNA double-strand break processing	P	AT3G13170
42453	7	F23 vs. S23	S2-3 up	GO:0000706	Development	Cell division	meiotic DNA double-strand break processing	P	AT5G02820
42454	7	F23 vs. S23	S2-3 up	GO:0000710	Development	Cell division	meiotic mismatch repair	P	AT3G05210
42455	7	F23 vs. S23	S2-3 up	GO:0051754	Development	Cell division	meiotic sister chromatid cohesion, centromeric	P	AT2G33560
42456	7	F23 vs. S23	S2-3 up	GO:0055046	Development	Cell division	microgametogenesis	P	AT3G23670
42457	7	F23 vs. S23	S2-3 up	GO:0010480	Development	Cell division	microsporocyte differentiation	P	AT3G49670
42458	7	F23 vs. S23	S2-3 up	GO:0009556	Development	Cell division	microsporogenesis	P	AT1G71830
42459	7	F23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT1G63640
42460	7	F23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G16060
42461	7	F23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G20150
42462	7	F23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT3G23670
42463	7	F23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT4G21270
42464	7	F23 vs. S23	S2-3 up	GO:0003777	Development	Cell division	microtubule motor activity	F	AT5G65930
42465	7	F23 vs. S23	S2-3 up	GO:0005872	Development	Cell division	minus-end kinesin complex	C	AT4G21270
42466	7	F23 vs. S23	S2-3 up	GO:0006298	Development	Cell division	mismatch repair	P	AT5G16630
42467	7	F23 vs. S23	S2-3 up	GO:0000278	Development	Cell division	mitotic cell cycle	P	AT2G27960
42468	7	F23 vs. S23	S2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT2G17620
42469	7	F23 vs. S23	S2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT2G26760
42470	7	F23 vs. S23	S2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT4G34160
42471	7	F23 vs. S23	S2-3 up	GO:0044772	Development	Cell division	mitotic cell cycle phase transition	P	AT4G37490
42472	7	F23 vs. S23	S2-3 up	GO:0033597	Development	Cell division	mitotic checkpoint complex	C	AT1G49910
42473	7	F23 vs. S23	S2-3 up	GO:0033597	Development	Cell division	mitotic checkpoint complex	C	AT4G33260
42474	7	F23 vs. S23	S2-3 up	GO:0007076	Development	Cell division	mitotic chromosome condensation	P	AT5G48600
42475	7	F23 vs. S23	S2-3 up	GO:0044774	Development	Cell division	mitotic DNA integrity checkpoint	P	AT3G23890
42476	7	F23 vs. S23	S2-3 up	GO:1902977	Development	Cell division	mitotic DNA replication preinitiation complex assembly	P	AT3G25100
42477	7	F23 vs. S23	S2-3 up	GO:0000080	Development	Cell division	mitotic G1 phase	P	AT4G14770
42478	7	F23 vs. S23	S2-3 up	GO:0000085	Development	Cell division	mitotic G2 phase	P	AT4G14770
42479	7	F23 vs. S23	S2-3 up	GO:0006312	Development	Cell division	mitotic recombination	P	AT2G31970
42480	7	F23 vs. S23	S2-3 up	GO:0006312	Development	Cell division	mitotic recombination	P	AT3G05210
42481	7	F23 vs. S23	S2-3 up	GO:0000084	Development	Cell division	mitotic S phase	P	AT4G14770
42482	7	F23 vs. S23	S2-3 up	GO:0000070	Development	Cell division	mitotic sister chromatid segregation	P	AT5G48600
42483	7	F23 vs. S23	S2-3 up	GO:0072686	Development	Cell division	mitotic spindle	C	AT3G53320
42484	7	F23 vs. S23	S2-3 up	GO:0072686	Development	Cell division	mitotic spindle	C	AT4G09550
42485	7	F23 vs. S23	S2-3 up	GO:0072686	Development	Cell division	mitotic spindle	C	AT5G55230
42486	7	F23 vs. S23	S2-3 up	GO:0072686	Development	Cell division	mitotic spindle	C	AT5G65930
42487	7	F23 vs. S23	S2-3 up	GO:0090307	Development	Cell division	mitotic spindle assembly	P	AT4G09550
42488	7	F23 vs. S23	S2-3 up	GO:0007094	Development	Cell division	mitotic spindle assembly checkpoint	P	AT1G49910
42489	7	F23 vs. S23	S2-3 up	GO:0007094	Development	Cell division	mitotic spindle assembly checkpoint	P	AT2G33560
42490	7	F23 vs. S23	S2-3 up	GO:0007094	Development	Cell division	mitotic spindle assembly checkpoint	P	AT3G25980
42491	7	F23 vs. S23	S2-3 up	GO:0007052	Development	Cell division	mitotic spindle organization	P	AT4G09550
42492	7	F23 vs. S23	S2-3 up	GO:0007052	Development	Cell division	mitotic spindle organization	P	AT4G32830
42493	7	F23 vs. S23	S2-3 up	GO:0030870	Development	Cell division	Mre11 complex	C	AT2G31970
42494	7	F23 vs. S23	S2-3 up	GO:0045786	Development	Cell division	negative regulation of cell cycle	P	AT5G59360
42495	7	F23 vs. S23	S2-3 up	GO:0051782	Development	Cell division	negative regulation of cell division	P	AT1G47870
42496	7	F23 vs. S23	S2-3 up	GO:0051782	Development	Cell division	negative regulation of cell division	P	AT5G40770
42497	7	F23 vs. S23	S2-3 up	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT2G36400
42498	7	F23 vs. S23	S2-3 up	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT4G37740
42499	7	F23 vs. S23	S2-3 up	GO:0008285	Development	Cell division	negative regulation of cell population proliferation	P	AT5G62000
42500	7	F23 vs. S23	S2-3 up	GO:0045910	Development	Cell division	negative regulation of DNA recombination	P	AT2G30620
42501	7	F23 vs. S23	S2-3 up	GO:0045839	Development	Cell division	negative regulation of mitotic nuclear division	P	AT5G59360
42502	7	F23 vs. S23	S2-3 up	GO:0010213	Development	Cell division	non-photoreactive DNA repair	P	AT3G05210
42503	7	F23 vs. S23	S2-3 up	GO:0000280	Development	Cell division	nuclear division	P	AT3G50960
42504	7	F23 vs. S23	S2-3 up	GO:0000280	Development	Cell division	nuclear division	P	AT5G51600

42505	7	F23 vs. S23	S2-3 up	GO:0007097	Development	Cell division	nuclear migration	P	AT4G33200
42506	7	F23 vs. S23	S2-3 up	GO:0005664	Development	Cell division	nuclear origin of replication recognition complex	C	AT4G29910
42507	7	F23 vs. S23	S2-3 up	GO:0043224	Development	Cell division	nuclear SCF ubiquitin ligase complex	C	AT5G20570
42508	7	F23 vs. S23	S2-3 up	GO:0006165	Development	Cell division	nucleoside diphosphate phosphorylation	P	AT4G23900
42509	7	F23 vs. S23	S2-3 up	GO:0009116	Development	Cell division	nucleoside metabolic process	P	AT2G42910
42510	7	F23 vs. S23	S2-3 up	GO:0009116	Development	Cell division	nucleoside metabolic process	P	AT4G24350
42511	7	F23 vs. S23	S2-3 up	GO:0031492	Development	Cell division	nucleosomal DNA binding	F	AT2G30620
42512	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT2G28740
42513	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT2G30620
42514	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT2G37470
42515	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT3G45980
42516	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT3G46030
42517	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G10980
42518	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G59910
42519	7	F23 vs. S23	S2-3 up	GO:0000786	Development	Cell division	nucleosome	C	AT5G65360
42520	7	F23 vs. S23	S2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT2G30620
42521	7	F23 vs. S23	S2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT2G37470
42522	7	F23 vs. S23	S2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT3G45980
42523	7	F23 vs. S23	S2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT3G46030
42524	7	F23 vs. S23	S2-3 up	GO:0006334	Development	Cell division	nucleosome assembly	P	AT5G59910
42525	7	F23 vs. S23	S2-3 up	GO:0016584	Development	Cell division	nucleosome positioning	P	AT2G30620
42526	7	F23 vs. S23	S2-3 up	GO:0000166	Development	Cell division	nucleotide binding	F	AT3G56490
42527	7	F23 vs. S23	S2-3 up	GO:0000166	Development	Cell division	nucleotide binding	F	AT5G09920
42528	7	F23 vs. S23	S2-3 up	GO:0009165	Development	Cell division	nucleotide biosynthetic process	P	AT2G42910
42529	7	F23 vs. S23	S2-3 up	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT1G79650
42530	7	F23 vs. S23	S2-3 up	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT2G24490
42531	7	F23 vs. S23	S2-3 up	GO:0006289	Development	Cell division	nucleotide-excision repair	P	AT5G16630
42532	7	F23 vs. S23	S2-3 up	GO:0000110	Development	Cell division	nucleotide-excision repair factor 1 complex	C	AT3G05210
42533	7	F23 vs. S23	S2-3 up	GO:0000111	Development	Cell division	nucleotide-excision repair factor 2 complex	C	AT5G16630
42534	7	F23 vs. S23	S2-3 up	GO:0006296	Development	Cell division	nucleotide-excision repair, DNA incision, 5'-to lesion	P	AT3G05210
42535	7	F23 vs. S23	S2-3 up	GO:0006294	Development	Cell division	nucleotide-excision repair, preincision complex assembly	P	AT3G05210
42536	7	F23 vs. S23	S2-3 up	GO:0000808	Development	Cell division	origin recognition complex	C	AT4G29910
42537	7	F23 vs. S23	S2-3 up	GO:0043186	Development	Cell division	P granule	C	AT2G23930
42538	7	F23 vs. S23	S2-3 up	GO:0000914	Development	Cell division	phragmoplast assembly	P	AT3G23670
42539	7	F23 vs. S23	S2-3 up	GO:0080175	Development	Cell division	phragmoplast microtubule organization	P	AT3G23670
42540	7	F23 vs. S23	S2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT2G20490
42541	7	F23 vs. S23	S2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT2G20585
42542	7	F23 vs. S23	S2-3 up	GO:0010197	Development	Cell division	polar nucleus fusion	P	AT2G34260
42543	7	F23 vs. S23	S2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT1G76850
42544	7	F23 vs. S23	S2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT3G10380
42545	7	F23 vs. S23	S2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT5G53180
42546	7	F23 vs. S23	S2-3 up	GO:0009846	Development	Cell division	pollen germination	P	AT5G65930
42547	7	F23 vs. S23	S2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT1G76850
42548	7	F23 vs. S23	S2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT2G34480
42549	7	F23 vs. S23	S2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G10380
42550	7	F23 vs. S23	S2-3 up	GO:0009860	Development	Cell division	pollen tube growth	P	AT3G57670
42551	7	F23 vs. S23	S2-3 up	GO:0010183	Development	Cell division	pollen tube guidance	P	AT5G14850
42552	7	F23 vs. S23	S2-3 up	GO:0051781	Development	Cell division	positive regulation of cell division	P	AT3G21510
42553	7	F23 vs. S23	S2-3 up	GO:0008284	Development	Cell division	positive regulation of cell population proliferation	P	AT2G33880
42554	7	F23 vs. S23	S2-3 up	GO:1901972	Development	Cell division	positive regulation of DNA-5-methylcytosine glycosylase activity	P	AT1G80420
42555	7	F23 vs. S23	S2-3 up	GO:1900087	Development	Cell division	positive regulation of G1/S transition of mitotic cell cycle	P	AT3G25100
42556	7	F23 vs. S23	S2-3 up	GO:0045836	Development	Cell division	positive regulation of meiotic nuclear division	P	AT5G61960

42557	7	F23 vs. S23	S2-3 up	GO:0045931	Development	Cell division	positive regulation of mitotic cell cycle	P	AT1G06230
42558	7	F23 vs. S23	S2-3 up	GO:1901969	Development	Cell division	positive regulation of polynucleotide 3'-phosphatase activity	P	AT1G80420
42559	7	F23 vs. S23	S2-3 up	GO:0006301	Development	Cell division	postreplication repair	P	AT1G70660
42560	7	F23 vs. S23	S2-3 up	GO:0006301	Development	Cell division	postreplication repair	P	AT2G40550
42561	7	F23 vs. S23	S2-3 up	GO:0006279	Development	Cell division	premeiotic DNA replication	P	AT3G25100
42562	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT2G03680
42563	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT2G35630
42564	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT3G58650
42565	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT4G09550
42566	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT5G12150
42567	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT5G51600
42568	7	F23 vs. S23	S2-3 up	GO:0009574	Development	Cell division	preprophase band	C	AT5G55230
42569	7	F23 vs. S23	S2-3 up	GO:0000913	Development	Cell division	preprophase band assembly	P	AT3G58650
42570	7	F23 vs. S23	S2-3 up	GO:0000913	Development	Cell division	preprophase band assembly	P	AT5G18580
42571	7	F23 vs. S23	S2-3 up	GO:0006267	Development	Cell division	pre-replicative complex assembly involved in nuclear cell cycle DNA replication	P	AT4G02060
42572	7	F23 vs. S23	S2-3 up	GO:0007131	Development	Cell division	reciprocal meiotic recombination	P	AT3G13170
42573	7	F23 vs. S23	S2-3 up	GO:0007131	Development	Cell division	reciprocal meiotic recombination	P	AT5G02820
42574	7	F23 vs. S23	S2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT1G47870
42575	7	F23 vs. S23	S2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT2G27960
42576	7	F23 vs. S23	S2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT2G38620
42577	7	F23 vs. S23	S2-3 up	GO:0051726	Development	Cell division	regulation of cell cycle	P	AT5G24330
42578	7	F23 vs. S23	S2-3 up	GO:1902806	Development	Cell division	regulation of cell cycle G1/S phase transition	P	AT2G38620
42579	7	F23 vs. S23	S2-3 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT2G26330
42580	7	F23 vs. S23	S2-3 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT3G22780
42581	7	F23 vs. S23	S2-3 up	GO:0051302	Development	Cell division	regulation of cell division	P	AT4G09960
42582	7	F23 vs. S23	S2-3 up	GO:0042127	Development	Cell division	regulation of cell population proliferation	P	AT4G34160
42583	7	F23 vs. S23	S2-3 up	GO:0042127	Development	Cell division	regulation of cell population proliferation	P	AT4G37750
42584	7	F23 vs. S23	S2-3 up	GO:0032465	Development	Cell division	regulation of cytokinesis	P	AT4G32830
42585	7	F23 vs. S23	S2-3 up	GO:0032465	Development	Cell division	regulation of cytokinesis	P	AT5G11510
42586	7	F23 vs. S23	S2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT2G38620
42587	7	F23 vs. S23	S2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT5G11510
42588	7	F23 vs. S23	S2-3 up	GO:0032875	Development	Cell division	regulation of DNA endoreduplication	P	AT5G59360
42589	7	F23 vs. S23	S2-3 up	GO:0006275	Development	Cell division	regulation of DNA replication	P	AT5G24330
42590	7	F23 vs. S23	S2-3 up	GO:0030174	Development	Cell division	regulation of DNA-dependent DNA replication initiation	P	AT3G49180
42591	7	F23 vs. S23	S2-3 up	GO:0080155	Development	Cell division	regulation of double fertilization forming a zygote and endosperm	P	AT4G09960
42592	7	F23 vs. S23	S2-3 up	GO:2000779	Development	Cell division	regulation of double-strand break repair	P	AT4G26630
42593	7	F23 vs. S23	S2-3 up	GO:2000779	Development	Cell division	regulation of double-strand break repair	P	AT5G55660
42594	7	F23 vs. S23	S2-3 up	GO:0010389	Development	Cell division	regulation of G2/M transition of mitotic cell cycle	P	AT1G20930
42595	7	F23 vs. S23	S2-3 up	GO:0010389	Development	Cell division	regulation of G2/M transition of mitotic cell cycle	P	AT1G76540
42596	7	F23 vs. S23	S2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT1G20930
42597	7	F23 vs. S23	S2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT2G27960
42598	7	F23 vs. S23	S2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT2G27970
42599	7	F23 vs. S23	S2-3 up	GO:0007346	Development	Cell division	regulation of mitotic cell cycle	P	AT3G25980
42600	7	F23 vs. S23	S2-3 up	GO:0090266	Development	Cell division	regulation of mitotic cell cycle spindle assembly checkpoint	P	AT5G63135
42601	7	F23 vs. S23	S2-3 up	GO:0048478	Development	Cell division	replication fork protection	P	AT3G02820
42602	7	F23 vs. S23	S2-3 up	GO:0031298	Development	Cell division	replication fork protection complex	C	AT3G25100
42603	7	F23 vs. S23	S2-3 up	GO:0000003	Development	Cell division	reproduction	P	AT4G03550
42604	7	F23 vs. S23	S2-3 up	GO:0000712	Development	Cell division	resolution of meiotic recombination intermediates	P	AT3G23890
42605	7	F23 vs. S23	S2-3 up	GO:0043021	Development	Cell division	ribonucleoprotein complex binding	F	AT5G47700
42606	7	F23 vs. S23	S2-3 up	GO:0032549	Development	Cell division	ribonucleoside binding	F	AT4G21710
42607	7	F23 vs. S23	S2-3 up	GO:0004749	Development	Cell division	ribose phosphate diphosphokinase activity	F	AT2G42910

42608	7	F23 vs. S23	S2-3 up	GO:0002189	Development	Cell division	ribose phosphate diphosphokinase complex	C	AT2G42910
42609	7	F23 vs. S23	S2-3 up	GO:0016070	Development	Cell division	RNA metabolic process	P	AT1G19120
42610	7	F23 vs. S23	S2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G27960
42611	7	F23 vs. S23	S2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G27970
42612	7	F23 vs. S23	S2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT2G45950
42613	7	F23 vs. S23	S2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G20570
42614	7	F23 vs. S23	S2-3 up	GO:0019005	Development	Cell division	SCF ubiquitin ligase complex	C	AT5G42190
42615	7	F23 vs. S23	S2-3 up	GO:0019953	Development	Cell division	sexual reproduction	P	AT2G20750
42616	7	F23 vs. S23	S2-3 up	GO:1990518	Development	Cell division	single-stranded 3'-5' DNA helicase activity	F	AT4G02060
42617	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT1G71260
42618	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT1G79050
42619	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT2G24490
42620	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT3G05210
42621	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT3G23830
42622	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT3G25100
42623	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT4G02060
42624	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT4G38680
42625	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G09920
42626	7	F23 vs. S23	S2-3 up	GO:0003697	Development	Cell division	single-stranded DNA binding	F	AT5G16630
42627	7	F23 vs. S23	S2-3 up	GO:0000014	Development	Cell division	single-stranded DNA endodeoxyribonuclease activity	F	AT2G31970
42628	7	F23 vs. S23	S2-3 up	GO:0000014	Development	Cell division	single-stranded DNA endodeoxyribonuclease activity	F	AT3G05210
42629	7	F23 vs. S23	S2-3 up	GO:0043047	Development	Cell division	single-stranded telomeric DNA binding	F	AT2G31970
42630	7	F23 vs. S23	S2-3 up	GO:0007062	Development	Cell division	sister chromatid cohesion	P	AT2G40550
42631	7	F23 vs. S23	S2-3 up	GO:0000819	Development	Cell division	sister chromatid segregation	P	AT3G23890
42632	7	F23 vs. S23	S2-3 up	GO:0035861	Development	Cell division	site of double-strand break	C	AT2G24490
42633	7	F23 vs. S23	S2-3 up	GO:0035861	Development	Cell division	site of double-strand break	C	AT2G31970
42634	7	F23 vs. S23	S2-3 up	GO:0032116	Development	Cell division	SMC loading complex	C	AT5G51340
42635	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT1G49910
42636	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT2G35630
42637	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G02570
42638	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G09550
42639	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G21270
42640	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G32830
42641	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT4G35020
42642	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT5G18580
42643	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT5G55230
42644	7	F23 vs. S23	S2-3 up	GO:0005819	Development	Cell division	spindle	C	AT5G67270
42645	7	F23 vs. S23	S2-3 up	GO:0051225	Development	Cell division	spindle assembly	P	AT1G03780
42646	7	F23 vs. S23	S2-3 up	GO:0051225	Development	Cell division	spindle assembly	P	AT4G21270
42647	7	F23 vs. S23	S2-3 up	GO:0051225	Development	Cell division	spindle assembly	P	AT5G17620
42648	7	F23 vs. S23	S2-3 up	GO:0051225	Development	Cell division	spindle assembly	P	AT5G67270
42649	7	F23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT2G03680
42650	7	F23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT2G33560
42651	7	F23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT3G25980
42652	7	F23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT4G32830
42653	7	F23 vs. S23	S2-3 up	GO:0005876	Development	Cell division	spindle microtubule	C	AT5G17620
42654	7	F23 vs. S23	S2-3 up	GO:0051233	Development	Cell division	spindle midzone	C	AT4G32830
42655	7	F23 vs. S23	S2-3 up	GO:0051233	Development	Cell division	spindle midzone	C	AT5G67270
42656	7	F23 vs. S23	S2-3 up	GO:0007051	Development	Cell division	spindle organization	P	AT2G35630
42657	7	F23 vs. S23	S2-3 up	GO:0000922	Development	Cell division	spindle pole	C	AT2G35630
42658	7	F23 vs. S23	S2-3 up	GO:0031616	Development	Cell division	spindle pole centrosome	C	AT4G32830
42659	7	F23 vs. S23	S2-3 up	GO:0098973	Development	Cell division	structural constituent of postsynaptic actin cytoskeleton	F	AT3G60830
42660	7	F23 vs. S23	S2-3 up	GO:0007129	Development	Cell division	synapsis	P	AT3G13170

42661	7	F23 vs. S23	S2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G19800
42662	7	F23 vs. S23	S2-3 up	GO:0006949	Development	Cell division	syncytium formation	P	AT2G20750
42663	7	F23 vs. S23	S2-3 up	GO:0010198	Development	Cell division	synergid death	P	AT5G10430
42664	7	F23 vs. S23	S2-3 up	GO:0016233	Development	Cell division	telomere capping	P	AT2G31970
42665	7	F23 vs. S23	S2-3 up	GO:0000723	Development	Cell division	telomere maintenance	P	AT2G31970
42666	7	F23 vs. S23	S2-3 up	GO:0000722	Development	Cell division	telomere maintenance via recombination	P	AT2G31970
42667	7	F23 vs. S23	S2-3 up	GO:0007004	Development	Cell division	telomere maintenance via telomerase	P	AT2G31970
42668	7	F23 vs. S23	S2-3 up	GO:0071942	Development	Cell division	XPC complex	C	AT5G16630
42669	7	F23 vs. S23	S2-3 up	GO:0010158	Development	Development	abaxial cell fate specification	P	AT2G45190
42670	7	F23 vs. S23	S2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT1G20450
42671	7	F23 vs. S23	S2-3 up	GO:0015629	Development	Development	actin cytoskeleton	C	AT3G55770
42672	7	F23 vs. S23	S2-3 up	GO:0030036	Development	Development	actin cytoskeleton organization	P	AT4G35020
42673	7	F23 vs. S23	S2-3 up	GO:0005884	Development	Development	actin filament	C	AT3G60830
42674	7	F23 vs. S23	S2-3 up	GO:0009955	Development	Development	adaxial/abaxial pattern specification	P	AT2G34710
42675	7	F23 vs. S23	S2-3 up	GO:0009955	Development	Development	adaxial/abaxial pattern specification	P	AT3G25520
42676	7	F23 vs. S23	S2-3 up	GO:0009955	Development	Development	adaxial/abaxial pattern specification	P	AT5G28640
42677	7	F23 vs. S23	S2-3 up	GO:0009501	Development	Development	amyloplast	C	AT5G64860
42678	7	F23 vs. S23	S2-3 up	GO:0009653	Development	Development	anatomical structure morphogenesis	P	AT3G60830
42679	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G18650
42680	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G27950
42681	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G56320
42682	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT1G69295
42683	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G01630
42684	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G14890
42685	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G25060
42686	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT2G47930
42687	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G44100
42688	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT3G53190
42689	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT4G12420
42690	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT4G16140
42691	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT4G31840
42692	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G08000
42693	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G10430
42694	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G25090
42695	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G40980
42696	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G42100
42697	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G55480
42698	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G56590
42699	7	F23 vs. S23	S2-3 up	GO:0031225	Development	Development	anchored component of membrane	C	AT5G61130
42700	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT1G27950
42701	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G01630
42702	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT2G25060
42703	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT3G02880
42704	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT4G12420
42705	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT4G31840
42706	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G08000
42707	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G25090
42708	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G42100
42709	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G55480
42710	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G56590
42711	7	F23 vs. S23	S2-3 up	GO:0046658	Development	Development	anchored component of plasma membrane	C	AT5G61130
42712	7	F23 vs. S23	S2-3 up	GO:0009887	Development	Development	animal organ morphogenesis	P	AT2G13540
42713	7	F23 vs. S23	S2-3 up	GO:0009887	Development	Development	animal organ morphogenesis	P	AT4G37750
42714	7	F23 vs. S23	S2-3 up	GO:0009887	Development	Development	animal organ morphogenesis	P	AT5G10510
42715	7	F23 vs. S23	S2-3 up	GO:0009887	Development	Development	animal organ morphogenesis	P	AT5G57390
42716	7	F23 vs. S23	S2-3 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT2G03680

42717	7	F23 vs. S23	S2-3 up	GO:0051211	Development	Development	anisotropic cell growth	P	AT3G50960
42718	7	F23 vs. S23	S2-3 up	GO:0009901	Development	Development	anther dehiscence	P	AT5G24330
42719	7	F23 vs. S23	S2-3 up	GO:0048653	Development	Development	anther development	P	AT2G42200
42720	7	F23 vs. S23	S2-3 up	GO:0048653	Development	Development	anther development	P	AT3G49670
42721	7	F23 vs. S23	S2-3 up	GO:0048657	Development	Development	anther wall tapetum cell differentiation	P	AT5G05690
42722	7	F23 vs. S23	S2-3 up	GO:0048658	Development	Development	anther wall tapetum development	P	AT1G44970
42723	7	F23 vs. S23	S2-3 up	GO:0045177	Development	Development	apical part of cell	C	AT1G73590
42724	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G50480
42725	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G55210
42726	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT1G78820
42727	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G05180
42728	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G06030
42729	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G20820
42730	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT3G23730
42731	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G03210
42732	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G12420
42733	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT4G34870
42734	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G20950
42735	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G39160
42736	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G48485
42737	7	F23 vs. S23	S2-3 up	GO:0048046	Development	Development	apoplast	C	AT5G51750
42738	7	F23 vs. S23	S2-3 up	GO:0009925	Development	Development	basal plasma membrane	C	AT1G73590
42739	7	F23 vs. S23	S2-3 up	GO:0090610	Development	Development	bundle sheath cell fate specification	P	AT3G54220
42740	7	F23 vs. S23	S2-3 up	GO:0048440	Development	Development	carpel development	P	AT2G42830
42741	7	F23 vs. S23	S2-3 up	GO:0048440	Development	Development	carpel development	P	AT3G58780
42742	7	F23 vs. S23	S2-3 up	GO:0048440	Development	Development	carpel development	P	AT4G09960
42743	7	F23 vs. S23	S2-3 up	GO:0048440	Development	Development	carpel development	P	AT4G18960
42744	7	F23 vs. S23	S2-3 up	GO:0048440	Development	Development	carpel development	P	AT4G36930
42745	7	F23 vs. S23	S2-3 up	GO:0005901	Development	Development	caveola	C	AT5G64870
42746	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT1G54030
42747	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT2G38410
42748	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT4G24920
42749	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT4G26670
42750	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT5G50460
42751	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	AT5G55190
42752	7	F23 vs. S23	S2-3 up	GO:0005623	Development	Development	cell	C	ATCG01130
42753	7	F23 vs. S23	S2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT1G52030
42754	7	F23 vs. S23	S2-3 up	GO:0007155	Development	Development	cell adhesion	P	AT3G55830
42755	7	F23 vs. S23	S2-3 up	GO:0005938	Development	Development	cell cortex	C	AT1G63700
42756	7	F23 vs. S23	S2-3 up	GO:0005938	Development	Development	cell cortex	C	AT4G35020
42757	7	F23 vs. S23	S2-3 up	GO:0005938	Development	Development	cell cortex	C	AT5G15680
42758	7	F23 vs. S23	S2-3 up	GO:0005938	Development	Development	cell cortex	C	AT5G55230
42759	7	F23 vs. S23	S2-3 up	GO:0005938	Development	Development	cell cortex	C	AT5G56600
42760	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT1G43850
42761	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT1G53230
42762	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G31070
42763	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT2G34710
42764	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G11540
42765	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT3G49670
42766	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G16280
42767	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G18960
42768	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G25560
42769	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G32551
42770	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT4G37750
42771	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G51230
42772	7	F23 vs. S23	S2-3 up	GO:0030154	Development	Development	cell differentiation	P	AT5G60910

42773	7	F23 vs. S23	S2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT1G23420
42774	7	F23 vs. S23	S2-3 up	GO:0045165	Development	Development	cell fate commitment	P	AT2G45190
42775	7	F23 vs. S23	S2-3 up	GO:0001709	Development	Development	cell fate determination	P	AT3G57670
42776	7	F23 vs. S23	S2-3 up	GO:0001708	Development	Development	cell fate specification	P	AT1G24260
42777	7	F23 vs. S23	S2-3 up	GO:0016049	Development	Development	cell growth	P	AT4G37750
42778	7	F23 vs. S23	S2-3 up	GO:0016049	Development	Development	cell growth	P	AT5G55230
42779	7	F23 vs. S23	S2-3 up	GO:0000902	Development	Development	cell morphogenesis	P	AT1G47870
42780	7	F23 vs. S23	S2-3 up	GO:0000902	Development	Development	cell morphogenesis	P	AT5G15680
42781	7	F23 vs. S23	S2-3 up	GO:0009504	Development	Development	cell plate	C	AT2G40060
42782	7	F23 vs. S23	S2-3 up	GO:0009504	Development	Development	cell plate	C	AT4G32830
42783	7	F23 vs. S23	S2-3 up	GO:0000919	Development	Development	cell plate assembly	P	AT1G02730
42784	7	F23 vs. S23	S2-3 up	GO:0009920	Development	Development	cell plate formation involved in plant-type cell wall biogenesis	P	AT2G35630
42785	7	F23 vs. S23	S2-3 up	GO:0009920	Development	Development	cell plate formation involved in plant-type cell wall biogenesis	P	AT5G12150
42786	7	F23 vs. S23	S2-3 up	GO:0042995	Development	Development	cell projection	C	AT4G35020
42787	7	F23 vs. S23	S2-3 up	GO:0009932	Development	Development	cell tip growth	P	AT4G12420
42788	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G03860
42789	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G04040
42790	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G07770
42791	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G22780
42792	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G34030
42793	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G51570
42794	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G71695
42795	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT1G78820
42796	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02100
42797	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G02130
42798	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G09990
42799	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G19730
42800	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G20750
42801	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT2G39460
42802	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G02080
42803	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G02880
42804	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G05230
42805	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G10380
42806	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G11940
42807	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G16240
42808	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G20820
42809	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G23730
42810	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G44100
42811	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G48930
42812	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G60770
42813	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT3G61110
42814	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G03210
42815	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G09800
42816	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G11310
42817	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G12420
42818	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G24890
42819	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT4G30690
42820	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G03850
42821	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G06860
42822	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G15090
42823	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G16050
42824	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G20950
42825	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G22650
42826	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G23400

42827	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G28060
42828	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G39160
42829	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G42100
42830	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G56590
42831	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G56710
42832	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	AT5G67270
42833	7	F23 vs. S23	S2-3 up	GO:0005618	Development	Development	cell wall	C	ATMG01190
42834	7	F23 vs. S23	S2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT1G02730
42835	7	F23 vs. S23	S2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT3G23730
42836	7	F23 vs. S23	S2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT4G03210
42837	7	F23 vs. S23	S2-3 up	GO:0042546	Development	Development	cell wall biogenesis	P	AT5G45750
42838	7	F23 vs. S23	S2-3 up	GO:0042547	Development	Development	cell wall modification involved in multidimensional cell growth	P	AT1G70710
42839	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G02730
42840	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G02800
42841	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G14100
42842	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT1G75500
42843	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G20750
42844	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT2G46930
42845	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G23730
42846	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT3G62110
42847	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G02290
42848	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT4G03210
42849	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G41870
42850	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G42100
42851	7	F23 vs. S23	S2-3 up	GO:0071555	Development	Development	cell wall organization	P	AT5G56590
42852	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G12090
42853	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G19830
42854	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G43760
42855	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G47813
42856	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT1G62500
42857	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT2G15960
42858	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT2G24980
42859	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT3G44380
42860	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT4G08410
42861	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G06240
42862	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G06590
42863	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G06630
42864	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G06640
42865	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G51840
42866	7	F23 vs. S23	S2-3 up	GO:0005575	Development	Development	cellular_component	C	AT5G51960
42867	7	F23 vs. S23	S2-3 up	GO:0042807	Development	Development	central vacuole	C	AT2G36830
42868	7	F23 vs. S23	S2-3 up	GO:0042807	Development	Development	central vacuole	C	AT3G16240
42869	7	F23 vs. S23	S2-3 up	GO:0034508	Development	Development	centromere complex assembly	P	AT4G09550
42870	7	F23 vs. S23	S2-3 up	GO:0005813	Development	Development	centrosome	C	AT2G17620
42871	7	F23 vs. S23	S2-3 up	GO:0005813	Development	Development	centrosome	C	AT2G26760
42872	7	F23 vs. S23	S2-3 up	GO:0005813	Development	Development	centrosome	C	AT4G09550
42873	7	F23 vs. S23	S2-3 up	GO:0005813	Development	Development	centrosome	C	AT4G37490
42874	7	F23 vs. S23	S2-3 up	GO:0005813	Development	Development	centrosome	C	AT5G18580
42875	7	F23 vs. S23	S2-3 up	GO:0007098	Development	Development	centrosome cycle	P	AT5G17620
42876	7	F23 vs. S23	S2-3 up	GO:0000785	Development	Development	chromatin	C	AT1G20693
42877	7	F23 vs. S23	S2-3 up	GO:0000785	Development	Development	chromatin	C	AT2G17560
42878	7	F23 vs. S23	S2-3 up	GO:0000785	Development	Development	chromatin	C	AT4G16280
42879	7	F23 vs. S23	S2-3 up	GO:0000785	Development	Development	chromatin	C	AT5G51340
42880	7	F23 vs. S23	S2-3 up	GO:0006333	Development	Development	chromatin assembly or disassembly	P	AT1G20693
42881	7	F23 vs. S23	S2-3 up	GO:0006333	Development	Development	chromatin assembly or disassembly	P	AT2G17560

42882	7	F23 vs. S23	S2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT1G14510
42883	7	F23 vs. S23	S2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT2G16780
42884	7	F23 vs. S23	S2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT3G60830
42885	7	F23 vs. S23	S2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G26210
42886	7	F23 vs. S23	S2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G51230
42887	7	F23 vs. S23	S2-3 up	GO:0006325	Development	Development	chromatin organization	P	AT5G63670
42888	7	F23 vs. S23	S2-3 up	GO:0010369	Development	Development	chromocenter	C	AT2G33560
42889	7	F23 vs. S23	S2-3 up	GO:0010369	Development	Development	chromocenter	C	AT3G25980
42890	7	F23 vs. S23	S2-3 up	GO:0010369	Development	Development	chromocenter	C	AT5G65360
42891	7	F23 vs. S23	S2-3 up	GO:0000781	Development	Development	chromosome, telomeric region	C	AT2G24490
42892	7	F23 vs. S23	S2-3 up	GO:0048268	Development	Development	clathrin coat assembly	P	AT2G40060
42893	7	F23 vs. S23	S2-3 up	GO:0072318	Development	Development	clathrin coat disassembly	P	AT1G75310
42894	7	F23 vs. S23	S2-3 up	GO:0030132	Development	Development	clathrin coat of coated pit	C	AT2G40060
42895	7	F23 vs. S23	S2-3 up	GO:0030130	Development	Development	clathrin coat of trans-Golgi network vesicle	C	AT2G40060
42896	7	F23 vs. S23	S2-3 up	GO:0032050	Development	Development	clathrin heavy chain binding	F	AT2G40060
42897	7	F23 vs. S23	S2-3 up	GO:0030125	Development	Development	clathrin vesicle coat	C	AT2G40060
42898	7	F23 vs. S23	S2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT1G75310
42899	7	F23 vs. S23	S2-3 up	GO:0072583	Development	Development	clathrin-dependent endocytosis	P	AT2G40060
42900	7	F23 vs. S23	S2-3 up	GO:0030865	Development	Development	cortical cytoskeleton organization	P	AT5G18580
42901	7	F23 vs. S23	S2-3 up	GO:0030865	Development	Development	cortical cytoskeleton organization	P	AT5G67270
42902	7	F23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT1G19835
42903	7	F23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT2G03680
42904	7	F23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT4G32330
42905	7	F23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT5G51600
42906	7	F23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT5G55230
42907	7	F23 vs. S23	S2-3 up	GO:0055028	Development	Development	cortical microtubule	C	AT5G65930
42908	7	F23 vs. S23	S2-3 up	GO:0030981	Development	Development	cortical microtubule cytoskeleton	C	AT2G35630
42909	7	F23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT2G03680
42910	7	F23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT3G02180
42911	7	F23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT3G06030
42912	7	F23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT3G50960
42913	7	F23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT5G55230
42914	7	F23 vs. S23	S2-3 up	GO:0043622	Development	Development	cortical microtubule organization	P	AT5G65930
42915	7	F23 vs. S23	S2-3 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT2G03680
42916	7	F23 vs. S23	S2-3 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT3G02180
42917	7	F23 vs. S23	S2-3 up	GO:0010005	Development	Development	cortical microtubule, transverse to long axis	C	AT5G55230
42918	7	F23 vs. S23	S2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT1G73590
42919	7	F23 vs. S23	S2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT4G15900
42920	7	F23 vs. S23	S2-3 up	GO:0048825	Development	Development	cotyledon development	P	AT5G28640
42921	7	F23 vs. S23	S2-3 up	GO:0048826	Development	Development	cotyledon morphogenesis	P	AT1G69780
42922	7	F23 vs. S23	S2-3 up	GO:0048826	Development	Development	cotyledon morphogenesis	P	AT1G73590
42923	7	F23 vs. S23	S2-3 up	GO:0042335	Development	Development	cuticle development	P	AT1G27950
42924	7	F23 vs. S23	S2-3 up	GO:0042335	Development	Development	cuticle development	P	AT3G55360
42925	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04130
42926	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04170
42927	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04260
42928	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G04270
42929	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G07070
42930	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G07400
42931	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G08360
42932	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09150
42933	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G09690
42934	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G12310
42935	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G14570
42936	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G14980
42937	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15250

42938	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G15380
42939	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G16610
42940	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G17730
42941	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G18540
42942	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G19485
42943	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G19640
42944	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G19835
42945	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G20450
42946	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G21720
42947	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G21840
42948	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G22780
42949	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G23290
42950	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G25155
42951	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G26660
42952	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G26880
42953	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G27310
42954	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G31500
42955	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G34030
42956	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G34150
42957	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G44790
42958	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G47870
42959	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G48240
42960	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G50240
42961	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G50480
42962	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G51570
42963	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52030
42964	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G52300
42965	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G53140
42966	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G54510
42967	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G56090
42968	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G57860
42969	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G63700
42970	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G66750
42971	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G67430
42972	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G68500
42973	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G69410
42974	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G69620
42975	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G70660
42976	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G73030
42977	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G73590
42978	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G74050
42979	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G75310
42980	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G76680
42981	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G76950
42982	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G77670
42983	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G78780
42984	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79650
42985	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G79690
42986	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80280
42987	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT1G80750
42988	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G01450
42989	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G05250
42990	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G09990
42991	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17280
42992	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17560
42993	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G17620

42994	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G18170
42995	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G18740
42996	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19740
42997	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19800
42998	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G19830
42999	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G22570
43000	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G25180
43001	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G25210
43002	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G25900
43003	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G26640
43004	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G26760
43005	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27030
43006	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27040
43007	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27880
43008	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27960
43009	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G27970
43010	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30110
43011	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30260
43012	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G30600
43013	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31060
43014	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31800
43015	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G31970
43016	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G32220
43017	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G32765
43018	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G32940
43019	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G33560
43020	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G33735
43021	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G33880
43022	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G34260
43023	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G34480
43024	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G35795
43025	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36160
43026	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36620
43027	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G36830
43028	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37190
43029	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G37600
43030	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G38410
43031	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G38730
43032	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G39460
43033	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40010
43034	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40060
43035	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40330
43036	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G40510
43037	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G41430
43038	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42200
43039	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42810
43040	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G42910
43041	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G43460
43042	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44670
43043	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G44830
43044	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45170
43045	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45710
43046	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G45950
43047	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G46780
43048	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT2G47110
43049	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G02070

43050	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04230
43051	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04780
43052	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04810
43053	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G04920
43054	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G05590
43055	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G06030
43056	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G06110
43057	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07890
43058	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G07980
43059	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G08710
43060	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G09500
43061	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G10500
43062	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G10850
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43064	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11540
43065	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11910
43066	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G11940
43067	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G12830
43068	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G13670
43069	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G14600
43070	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G15270
43071	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16080
43072	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16410
43073	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G16830
43074	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G17940
43075	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G18740
43076	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G18860
43077	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G20060
43078	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G21510
43079	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G22230
43080	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G23390
43081	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G25520
43082	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G25980
43083	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G26810
43084	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G46210
43085	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G48930
43086	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G49180
43087	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G49360
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43092	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53020
43093	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53220
43094	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53430
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43096	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G53890
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43098	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G54770
43099	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55280
43100	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55750
43101	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G55770
43102	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56090
43103	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56150
43104	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56340
43105	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G56460

43106	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G58560
43107	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G60190
43108	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G60820
43109	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G60830
43110	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G61110
43111	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G62870
43112	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT3G63420
43113	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02060
43114	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G02570
43115	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G09800
43116	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G12140
43117	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G13020
43118	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G14300
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43120	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G15000
43121	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G16280
43122	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G17640
43123	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G21270
43124	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G22570
43125	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G23010
43126	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G24880
43127	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G25740
43128	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26230
43129	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26610
43130	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G26840
43131	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G27130
43132	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G27500
43133	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G29390
43134	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G30690
43135	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G31120
43136	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G32330
43137	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G32551
43138	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G32840
43139	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33040
43140	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33200
43141	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33400
43142	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33640
43143	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G33950
43144	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G34160
43145	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G34555
43146	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G34870
43147	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G35020
43148	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G37470
43149	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G37490
43150	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G38680
43151	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39200
43152	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39520
43153	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT4G39910
43154	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G01390
43155	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G02610
43156	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G03850
43157	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04460
43158	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G04800
43159	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05210
43160	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05440
43161	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G05670

43162	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G07590
43163	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G07710
43164	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G09510
43165	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G10100
43166	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G12150
43167	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G14680
43168	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16050
43169	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G16630
43170	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G17060
43171	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18400
43172	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18580
43173	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G18670
43174	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G19450
43175	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20060
43176	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20250
43177	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G20570
43178	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G21170
43179	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G22440
43180	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23290
43181	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23520
43182	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23740
43183	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G23900
43184	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G24420
43185	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G25620
43186	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G27700
43187	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G27850
43188	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G27930
43189	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G28060
43190	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G37380
43191	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G38720
43192	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G42030
43193	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G42190
43194	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G43500
43195	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G43810
43196	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G45210
43197	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G45775
43198	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47310
43199	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47700
43200	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G47930
43201	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G48760
43202	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G50840
43203	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G51130
43204	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G51340
43205	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G53180
43206	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G55160
43207	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G55190
43208	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G55230
43209	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56580
43210	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56600
43211	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56670
43212	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G56710
43213	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58110
43214	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58140
43215	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G58420
43216	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G60670
43217	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G62360

43218	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64130
43219	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64140
43220	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G64870
43221	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G65280
43222	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	AT5G67270
43223	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	ATCG00670
43224	7	F23 vs. S23	S2-3 up	GO:0005737	Development	Development	cytoplasm	C	ATCG00740
43225	7	F23 vs. S23	S2-3 up	GO:0005881	Development	Development	cytoplasmic microtubule	C	AT5G67270
43226	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT1G50240
43227	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT2G40060
43228	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G07980
43229	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT3G10380
43230	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G42030
43231	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G56580
43232	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G56600
43233	7	F23 vs. S23	S2-3 up	GO:0005856	Development	Development	cytoskeleton	C	AT5G65930
43234	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G03330
43235	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G04170
43236	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G04270
43237	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G05805
43238	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G07070
43239	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G07770
43240	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G08360
43241	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G09150
43242	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G12310
43243	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G13930
43244	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G14980
43245	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G15120
43246	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G15270
43247	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G17880
43248	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G18540
43249	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20450
43250	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20693
43251	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G20930
43252	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G21720
43253	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G22780
43254	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G27310
43255	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G29250
43256	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G30690
43257	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G32470
43258	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G36240
43259	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G44790
43260	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G47970
43261	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G49600
43262	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G50480
43263	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G51570
43264	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G53320
43265	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G54410
43266	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G64230
43267	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G69410
43268	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G73230
43269	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G73450
43270	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G74050
43271	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G76680
43272	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G76850
43273	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79650

43274	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79690
43275	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G79810
43276	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT1G80750
43277	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G01140
43278	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G03680
43279	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G03870
43280	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G09990
43281	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16780
43282	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G16940
43283	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G17280
43284	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G17560
43285	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G18740
43286	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G23930
43287	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G24940
43288	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G27030
43289	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G27100
43290	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G27880
43291	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G30110
43292	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G33830
43293	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G34480
43294	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36160
43295	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G36620
43296	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G37190
43297	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G38730
43298	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G39460
43299	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G40510
43300	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G41430
43301	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42810
43302	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G42910
43303	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G43350
43304	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G43460
43305	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44650
43306	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G44670
43307	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G45640
43308	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G45710
43309	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G46540
43310	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G47110
43311	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT2G47580
43312	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G01740
43313	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02080
43314	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02180
43315	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02190
43316	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02260
43317	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02560
43318	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G02880
43319	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G03340
43320	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04230
43321	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04400
43322	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04780
43323	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G04920
43324	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G05590
43325	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G06960
43326	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G07230
43327	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G07480
43328	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G07590
43329	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G08680

43330	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G08710
43331	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09090
43332	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G09500
43333	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10380
43334	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10850
43335	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G10950
43336	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11540
43337	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11800
43338	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11910
43339	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G11940
43340	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G12670
43341	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13120
43342	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G13570
43343	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G14600
43344	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16080
43345	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G16410
43346	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G17940
43347	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18740
43348	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G18860
43349	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G19420
43350	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G20390
43351	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G20820
43352	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21055
43353	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G21510
43354	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G22230
43355	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23390
43356	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23490
43357	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G23830
43358	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G25520
43359	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G26570
43360	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G27830
43361	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G44100
43362	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45030
43363	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G45980
43364	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46030
43365	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46430
43366	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G46740
43367	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48140
43368	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48410
43369	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G48930
43370	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G49360
43371	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G49910
43372	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G50970
43373	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G51160
43374	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52140
43375	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52580
43376	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G52590
43377	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53020
43378	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53430
43379	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53740
43380	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G53890
43381	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55010
43382	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55280
43383	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55360
43384	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55750
43385	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G55760

43386	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56090
43387	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56150
43388	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56340
43389	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56460
43390	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G56490
43391	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G58560
43392	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G59840
43393	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60190
43394	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60210
43395	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60600
43396	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60770
43397	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60820
43398	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G60830
43399	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G61070
43400	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G62840
43401	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT3G62870
43402	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G00100
43403	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G00570
43404	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G01320
43405	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G02570
43406	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G04840
43407	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G05150
43408	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G08240
43409	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G09800
43410	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G12420
43411	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G12600
43412	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14300
43413	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G14320
43414	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15000
43415	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15770
43416	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15790
43417	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G15900
43418	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G17560
43419	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G17640
43420	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G18465
43421	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G21710
43422	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G22380
43423	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G22570
43424	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G22930
43425	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23040
43426	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G23900
43427	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24350
43428	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24780
43429	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24920
43430	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G24930
43431	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G25550
43432	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G25740
43433	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G26630
43434	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G26840
43435	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27130
43436	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27450
43437	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G27500
43438	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G28190
43439	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G30220
43440	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G31120
43441	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G32840

43442	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33250
43443	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33400
43444	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33640
43445	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G33950
43446	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34150
43447	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G34870
43448	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37300
43449	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G37470
43450	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G38680
43451	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT4G39520
43452	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G01390
43453	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G01650
43454	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G10020
43455	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G10360
43456	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G13520
43457	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G13560
43458	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14540
43459	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G14640
43460	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G16050
43461	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G16715
43462	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G18070
43463	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G20250
43464	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G22580
43465	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G22650
43466	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G23140
43467	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G23290
43468	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G24420
43469	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G26210
43470	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G26230
43471	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G26710
43472	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G27700
43473	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G27850
43474	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G39850
43475	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G42190
43476	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G45750
43477	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G47700
43478	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G49190
43479	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G50810
43480	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G50870
43481	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G53620
43482	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G55160
43483	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G55230
43484	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G57290
43485	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G57330
43486	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58220
43487	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G58420
43488	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G59140
43489	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G60670
43490	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G61170
43491	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G62290
43492	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64130
43493	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G64200
43494	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G65780
43495	7	F23 vs. S23	S2-3 up	GO:0005829	Development	Development	cytosol	C	AT5G65950
43496	7	F23 vs. S23	S2-3 up	GO:0009855	Development	Development	determination of bilateral symmetry	P	AT2G34260
43497	7	F23 vs. S23	S2-3 up	GO:0009855	Development	Development	determination of bilateral symmetry	P	AT2G34710

43498	7	F23 vs. S23	S2-3 up	GO:0060560	Development	Development	developmental growth involved in morphogenesis	P	AT5G60910
43499	7	F23 vs. S23	S2-3 up	GO:0032502	Development	Development	developmental process	P	AT4G38160
43500	7	F23 vs. S23	S2-3 up	GO:0003006	Development	Development	developmental process involved in reproduction	P	AT4G17460
43501	7	F23 vs. S23	S2-3 up	GO:0080186	Development	Development	developmental vegetative growth	P	AT2G34260
43502	7	F23 vs. S23	S2-3 up	GO:0009567	Development	Development	double fertilization forming a zygote and endosperm	P	AT3G03340
43503	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G17690
43504	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G17730
43505	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G21750
43506	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G43850
43507	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT1G73590
43508	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT2G45270
43509	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT3G54720
43510	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT4G02060
43511	7	F23 vs. S23	S2-3 up	GO:0009790	Development	Development	embryo development	P	AT4G16280
43512	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G21690
43513	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G32930
43514	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G63700
43515	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G71830
43516	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G73030
43517	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT1G79490
43518	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G18510
43519	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G26060
43520	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G33880
43521	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34260
43522	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34480
43523	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT2G34870
43524	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G04400
43525	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G12670
43526	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G48930
43527	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G52590
43528	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT3G60830
43529	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G02570
43530	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G21710
43531	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT4G37300
43532	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G04560
43533	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G05950
43534	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G06240
43535	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G10360
43536	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G14850
43537	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G16715
43538	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G42190
43539	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G48600
43540	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G51340
43541	7	F23 vs. S23	S2-3 up	GO:0009793	Development	Development	embryo development ending in seed dormancy	P	AT5G55940
43542	7	F23 vs. S23	S2-3 up	GO:0009558	Development	Development	embryo sac cellularization	P	AT1G50240
43543	7	F23 vs. S23	S2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT1G17690
43544	7	F23 vs. S23	S2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT1G17760
43545	7	F23 vs. S23	S2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT2G34260
43546	7	F23 vs. S23	S2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT3G21510
43547	7	F23 vs. S23	S2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT4G16280
43548	7	F23 vs. S23	S2-3 up	GO:0009553	Development	Development	embryo sac development	P	AT5G07180
43549	7	F23 vs. S23	S2-3 up	GO:0000578	Development	Development	embryonic axis specification	P	AT1G17730
43550	7	F23 vs. S23	S2-3 up	GO:0000578	Development	Development	embryonic axis specification	P	AT1G73030
43551	7	F23 vs. S23	S2-3 up	GO:0048598	Development	Development	embryonic morphogenesis	P	AT3G46740
43552	7	F23 vs. S23	S2-3 up	GO:0005788	Development	Development	endoplasmic reticulum lumen	C	AT1G21750

43553	7	F23 vs. S23	S2-3 up	GO:0090158	Development	Development	endoplasmic reticulum membrane organization	P	AT3G60600
43554	7	F23 vs. S23	S2-3 up	GO:0007029	Development	Development	endoplasmic reticulum organization	P	AT1G54030
43555	7	F23 vs. S23	S2-3 up	GO:0061817	Development	Development	endoplasmic reticulum-plasma membrane tethering	P	AT3G60600
43556	7	F23 vs. S23	S2-3 up	GO:0009960	Development	Development	endosperm development	P	AT2G34260
43557	7	F23 vs. S23	S2-3 up	GO:0009957	Development	Development	epidermal cell fate specification	P	AT5G02820
43558	7	F23 vs. S23	S2-3 up	GO:0010168	Development	Development	ER body	C	AT1G54030
43559	7	F23 vs. S23	S2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT1G17730
43560	7	F23 vs. S23	S2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT1G73030
43561	7	F23 vs. S23	S2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT2G19830
43562	7	F23 vs. S23	S2-3 up	GO:0000815	Development	Development	ESCRT III complex	C	AT5G44560
43563	7	F23 vs. S23	S2-3 up	GO:0007163	Development	Development	establishment or maintenance of cell polarity	P	AT4G35020
43564	7	F23 vs. S23	S2-3 up	GO:0030951	Development	Development	establishment or maintenance of microtubule cytoskeleton polarity	P	AT2G35630
43565	7	F23 vs. S23	S2-3 up	GO:0000145	Development	Development	exocyst	C	AT1G76850
43566	7	F23 vs. S23	S2-3 up	GO:0000145	Development	Development	exocyst	C	AT3G10380
43567	7	F23 vs. S23	S2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT1G76850
43568	7	F23 vs. S23	S2-3 up	GO:0070062	Development	Development	extracellular exosome	C	AT3G10380
43569	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01170
43570	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G01620
43571	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G02520
43572	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G02800
43573	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G03860
43574	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04040
43575	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04170
43576	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G04270
43577	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G07070
43578	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G08360
43579	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G08640
43580	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G09690
43581	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G12310
43582	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G13930
43583	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14450
43584	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G14980
43585	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G15120
43586	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G15250
43587	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G18250
43588	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G18650
43589	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G21310
43590	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G25275
43591	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G27950
43592	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G28110
43593	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G28290
43594	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G31335
43595	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G31420
43596	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G34245
43597	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G44970
43598	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G48140
43599	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G50170
43600	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G55210
43601	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G55360
43602	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G59990
43603	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G62810
43604	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G69295
43605	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G70710
43606	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G71695

43607	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G73620
43608	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT1G78820
43609	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G01630
43610	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02100
43611	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G02130
43612	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G19170
43613	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G20750
43614	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G21160
43615	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G23010
43616	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G25060
43617	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G25270
43618	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G33330
43619	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G35620
43620	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G42840
43621	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G45180
43622	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT2G46930
43623	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G02880
43624	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G07010
43625	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G08680
43626	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G11800
43627	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G13662
43628	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G23150
43629	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G23730
43630	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G26140
43631	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G44100
43632	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G53190
43633	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G53320
43634	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G54590
43635	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G56490
43636	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT3G62110
43637	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G02290
43638	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G03210
43639	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G11310
43640	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G12420
43641	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G18970
43642	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G22010
43643	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24780
43644	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G24890
43645	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT4G31840
43646	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G06860
43647	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G08260
43648	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G14180
43649	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G14850
43650	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G14920
43651	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G15230
43652	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G15720
43653	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G18670
43654	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G20950
43655	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G23400
43656	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G39160
43657	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G41060
43658	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G41870
43659	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G42100
43660	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G47020
43661	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G48485
43662	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G48490

43663	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G50520
43664	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G51340
43665	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G51750
43666	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G56590
43667	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G58220
43668	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G59120
43669	7	F23 vs. S23	S2-3 up	GO:0005576	Development	Development	extracellular region	C	AT5G59310
43670	7	F23 vs. S23	S2-3 up	GO:0005615	Development	Development	extracellular space	C	AT4G11310
43671	7	F23 vs. S23	S2-3 up	GO:0031234	Development	Development	extrinsic component of cytoplasmic side of plasma membrane	C	AT5G58220
43672	7	F23 vs. S23	S2-3 up	GO:0042406	Development	Development	extrinsic component of endoplasmic reticulum membrane	C	AT4G16710
43673	7	F23 vs. S23	S2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT3G55510
43674	7	F23 vs. S23	S2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT4G17460
43675	7	F23 vs. S23	S2-3 up	GO:0010582	Development	Development	floral meristem determinacy	P	AT4G28190
43676	7	F23 vs. S23	S2-3 up	GO:0048437	Development	Development	floral organ development	P	AT3G49670
43677	7	F23 vs. S23	S2-3 up	GO:0048444	Development	Development	floral organ morphogenesis	P	AT3G22780
43678	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G23290
43679	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G24260
43680	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G52030
43681	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT1G73590
43682	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT3G11540
43683	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT3G54720
43684	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT3G56090
43685	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT4G16280
43686	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT4G20400
43687	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT4G32551
43688	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT4G36930
43689	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT4G37750
43690	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G10510
43691	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G51230
43692	7	F23 vs. S23	S2-3 up	GO:0009908	Development	Development	flower development	P	AT5G60910
43693	7	F23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT2G45190
43694	7	F23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT4G15900
43695	7	F23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT4G36930
43696	7	F23 vs. S23	S2-3 up	GO:0010154	Development	Development	fruit development	P	AT5G60910
43697	7	F23 vs. S23	S2-3 up	GO:1990058	Development	Development	fruit replum development	P	AT3G57670
43698	7	F23 vs. S23	S2-3 up	GO:0080127	Development	Development	fruit septum development	P	AT4G17460
43699	7	F23 vs. S23	S2-3 up	GO:0000930	Development	Development	gamma-tubulin complex	C	AT4G09550
43700	7	F23 vs. S23	S2-3 up	GO:0033566	Development	Development	gamma-tubulin complex localization	P	AT4G09550
43701	7	F23 vs. S23	S2-3 up	GO:0008274	Development	Development	gamma-tubulin ring complex	C	AT4G09550
43702	7	F23 vs. S23	S2-3 up	GO:0000137	Development	Development	Golgi cis cisterna	C	AT3G09090
43703	7	F23 vs. S23	S2-3 up	GO:0000137	Development	Development	Golgi cis cisterna	C	AT4G24530
43704	7	F23 vs. S23	S2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT5G25100
43705	7	F23 vs. S23	S2-3 up	GO:0005797	Development	Development	Golgi medial cisterna	C	AT5G35160
43706	7	F23 vs. S23	S2-3 up	GO:0007030	Development	Development	Golgi organization	P	AT1G71830
43707	7	F23 vs. S23	S2-3 up	GO:0000138	Development	Development	Golgi trans cisterna	C	AT4G14360
43708	7	F23 vs. S23	S2-3 up	GO:0090391	Development	Development	granum assembly	P	AT1G50900
43709	7	F23 vs. S23	S2-3 up	GO:0010052	Development	Development	guard cell differentiation	P	AT1G34245
43710	7	F23 vs. S23	S2-3 up	GO:0010442	Development	Development	guard cell morphogenesis	P	AT5G55480
43711	7	F23 vs. S23	S2-3 up	GO:0010444	Development	Development	guard mother cell differentiation	P	AT2G38620
43712	7	F23 vs. S23	S2-3 up	GO:0010444	Development	Development	guard mother cell differentiation	P	AT4G34160
43713	7	F23 vs. S23	S2-3 up	GO:0048467	Development	Development	gynoecium development	P	AT1G43850
43714	7	F23 vs. S23	S2-3 up	GO:0048467	Development	Development	gynoecium development	P	AT3G53020
43715	7	F23 vs. S23	S2-3 up	GO:0048467	Development	Development	gynoecium development	P	AT4G17460
43716	7	F23 vs. S23	S2-3 up	GO:0048283	Development	Development	indeterminate inflorescence morphogenesis	P	AT3G02260

43717	7	F23 vs. S23	S2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT1G23290
43718	7	F23 vs. S23	S2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT1G63700
43719	7	F23 vs. S23	S2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT1G73590
43720	7	F23 vs. S23	S2-3 up	GO:0010229	Development	Development	inflorescence development	P	AT3G47620
43721	7	F23 vs. S23	S2-3 up	GO:0010450	Development	Development	inflorescence meristem growth	P	AT2G45190
43722	7	F23 vs. S23	S2-3 up	GO:0048281	Development	Development	inflorescence morphogenesis	P	AT2G26330
43723	7	F23 vs. S23	S2-3 up	GO:0048281	Development	Development	inflorescence morphogenesis	P	AT3G02260
43724	7	F23 vs. S23	S2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT1G74340
43725	7	F23 vs. S23	S2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT2G42810
43726	7	F23 vs. S23	S2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT4G01320
43727	7	F23 vs. S23	S2-3 up	GO:0030176	Development	Development	integral component of endoplasmic reticulum membrane	C	AT4G23010
43728	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01170
43729	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G01620
43730	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G02520
43731	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G02730
43732	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G03860
43733	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G04260
43734	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G06010
43735	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G08640
43736	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G11180
43737	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G11940
43738	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14100
43739	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14260
43740	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G14450
43741	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G18600
43742	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G21930
43743	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27120
43744	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27390
43745	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G27770
43746	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31335
43747	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G31420
43748	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32210
43749	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G32930
43750	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34190
43751	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G34640
43752	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G48140
43753	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G48240
43754	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G51460
43755	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G51570
43756	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G53440
43757	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G54500
43758	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G57540
43759	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68000
43760	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G68820
43761	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G69700
43762	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G71830
43763	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G72020
43764	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G73590
43765	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G75500
43766	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80280
43767	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT1G80700
43768	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G01170

43769	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G02510
43770	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G04900
43771	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G13610
43772	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G15970
43773	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G17820
43774	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G21160
43775	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G24150
43776	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G25270
43777	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26110
43778	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26330
43779	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26640
43780	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G26730
43781	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G31490
43782	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33330
43783	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G33640
43784	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G34940
43785	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G35620
43786	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G35790
43787	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G35795
43788	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G36830
43789	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G41420
43790	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT2G44080
43791	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G02260
43792	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G02640
43793	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G02880
43794	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G05230
43795	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G06960
43796	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G08680
43797	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G10500
43798	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G12180
43799	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G12870
43800	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G16240
43801	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G19553
43802	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G23150
43803	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G24550
43804	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G25180
43805	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G27870
43806	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G45050
43807	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G46740
43808	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47580
43809	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G47836
43810	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48140
43811	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48410
43812	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G48570
43813	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G49670
43814	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G50170
43815	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G55360
43816	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G55390
43817	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G55830
43818	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G56370
43819	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G56590
43820	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT3G60600
43821	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G01040
43822	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G01960
43823	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G03550
43824	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G14360

43825	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G14420
43826	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G15920
43827	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G17790
43828	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G22120
43829	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G23470
43830	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G24530
43831	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G26130
43832	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G26550
43833	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G26670
43834	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G27500
43835	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G28510
43836	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G29870
43837	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G30650
43838	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G31840
43839	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G33430
43840	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G34560
43841	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G36180
43842	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT4G36380
43843	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G02170
43844	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05670
43845	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05690
43846	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G05950
43847	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G07180
43848	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G09270
43849	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G10020
43850	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G12970
43851	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G13290
43852	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G14850
43853	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G16590
43854	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G16620
43855	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G16950
43856	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G18250
43857	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G19875
43858	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G20520
43859	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G20885
43860	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G21070
43861	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G24910
43862	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G25100
43863	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G25940
43864	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G35160
43865	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40770
43866	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G40980
43867	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G41060
43868	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G41685
43869	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46150
43870	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G46850
43871	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G48310
43872	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50200
43873	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50375
43874	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G50790
43875	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52240
43876	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G52860
43877	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G55290
43878	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G55480
43879	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G61790
43880	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G66440

43881	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	AT5G67200
43882	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG00510
43883	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01070
43884	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATCG01130
43885	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG00830
43886	7	F23 vs. S23	S2-3 up	GO:0016021	Development	Development	integral component of membrane	C	ATMG01370
43887	7	F23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT3G26570
43888	7	F23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT4G02700
43889	7	F23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G16150
43890	7	F23 vs. S23	S2-3 up	GO:0005887	Development	Development	integral component of plasma membrane	C	AT5G50790
43891	7	F23 vs. S23	S2-3 up	GO:0080060	Development	Development	integument development	P	AT2G34710
43892	7	F23 vs. S23	S2-3 up	GO:0080060	Development	Development	integument development	P	AT4G09960
43893	7	F23 vs. S23	S2-3 up	GO:0031021	Development	Development	interphase microtubule organizing center	C	AT4G09550
43894	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT1G54030
43895	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT2G38410
43896	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT2G44080
43897	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT2G47110
43898	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G24920
43899	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT4G26670
43900	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G50460
43901	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	AT5G55190
43902	7	F23 vs. S23	S2-3 up	GO:0005622	Development	Development	intracellular	C	ATCG01130
43903	7	F23 vs. S23	S2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT1G75310
43904	7	F23 vs. S23	S2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT2G36970
43905	7	F23 vs. S23	S2-3 up	GO:0043231	Development	Development	intracellular membrane-bounded organelle	C	AT5G61790
43906	7	F23 vs. S23	S2-3 up	GO:0043229	Development	Development	intracellular organelle	C	AT1G51570
43907	7	F23 vs. S23	S2-3 up	GO:0005828	Development	Development	kinetochore microtubule	C	AT2G33560
43908	7	F23 vs. S23	S2-3 up	GO:0005828	Development	Development	kinetochore microtubule	C	AT3G25980
43909	7	F23 vs. S23	S2-3 up	GO:0005828	Development	Development	kinetochore microtubule	C	AT4G09550
43910	7	F23 vs. S23	S2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT1G48240
43911	7	F23 vs. S23	S2-3 up	GO:0031902	Development	Development	late endosome membrane	C	AT2G34940
43912	7	F23 vs. S23	S2-3 up	GO:0048527	Development	Development	lateral root development	P	AT3G63420
43913	7	F23 vs. S23	S2-3 up	GO:0048527	Development	Development	lateral root development	P	AT5G40770
43914	7	F23 vs. S23	S2-3 up	GO:0048527	Development	Development	lateral root development	P	AT5G56600
43915	7	F23 vs. S23	S2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT3G02260
43916	7	F23 vs. S23	S2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT4G16780
43917	7	F23 vs. S23	S2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G10510
43918	7	F23 vs. S23	S2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G56580
43919	7	F23 vs. S23	S2-3 up	GO:0010311	Development	Development	lateral root formation	P	AT5G57390
43920	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT1G53230
43921	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G06200
43922	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G22840
43923	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G31070
43924	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G36400
43925	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT2G42200
43926	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G54220
43927	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT3G56090
43928	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G02570
43929	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G15900
43930	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G18960
43931	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G33950
43932	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G36380
43933	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT4G37740
43934	7	F23 vs. S23	S2-3 up	GO:0048366	Development	Development	leaf development	P	AT5G28640
43935	7	F23 vs. S23	S2-3 up	GO:0010338	Development	Development	leaf formation	P	AT1G73590
43936	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT1G53230

43937	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT1G55250
43938	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT1G69780
43939	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G26330
43940	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT2G31070
43941	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT3G25520
43942	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT4G00100
43943	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT4G03550
43944	7	F23 vs. S23	S2-3 up	GO:0009965	Development	Development	leaf morphogenesis	P	AT4G36380
43945	7	F23 vs. S23	S2-3 up	GO:0060772	Development	Development	leaf phyllotactic patterning	P	AT5G10510
43946	7	F23 vs. S23	S2-3 up	GO:0060772	Development	Development	leaf phyllotactic patterning	P	AT5G57390
43947	7	F23 vs. S23	S2-3 up	GO:0010358	Development	Development	leaf shaping	P	AT1G27370
43948	7	F23 vs. S23	S2-3 up	GO:0010358	Development	Development	leaf shaping	P	AT1G73590
43949	7	F23 vs. S23	S2-3 up	GO:0010305	Development	Development	leaf vascular tissue pattern formation	P	AT3G54720
43950	7	F23 vs. S23	S2-3 up	GO:0005811	Development	Development	lipid droplet	C	AT5G39410
43951	7	F23 vs. S23	S2-3 up	GO:0000327	Development	Development	lytic vacuole within protein storage vacuole	C	AT1G21750
43952	7	F23 vs. S23	S2-3 up	GO:0048497	Development	Development	maintenance of floral organ identity	P	AT4G18960
43953	7	F23 vs. S23	S2-3 up	GO:0010077	Development	Development	maintenance of inflorescence meristem identity	P	AT5G60910
43954	7	F23 vs. S23	S2-3 up	GO:0010078	Development	Development	maintenance of root meristem identity	P	AT2G27230
43955	7	F23 vs. S23	S2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT2G25180
43956	7	F23 vs. S23	S2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT4G37750
43957	7	F23 vs. S23	S2-3 up	GO:0010492	Development	Development	maintenance of shoot apical meristem identity	P	AT5G10510
43958	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G14260
43959	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G20450
43960	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G32210
43961	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G53140
43962	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT1G68000
43963	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT2G20750
43964	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT2G45170
43965	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G06960
43966	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G09090
43967	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G50970
43968	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT3G60190
43969	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT5G06860
43970	7	F23 vs. S23	S2-3 up	GO:0016020	Development	Development	membrane	C	AT5G58140
43971	7	F23 vs. S23	S2-3 up	GO:0010022	Development	Development	meristem determinacy	P	AT4G28190
43972	7	F23 vs. S23	S2-3 up	GO:0048507	Development	Development	meristem development	P	AT3G54720
43973	7	F23 vs. S23	S2-3 up	GO:0048507	Development	Development	meristem development	P	AT4G17460
43974	7	F23 vs. S23	S2-3 up	GO:0048507	Development	Development	meristem development	P	AT5G61960
43975	7	F23 vs. S23	S2-3 up	GO:0010014	Development	Development	meristem initiation	P	AT2G34710
43976	7	F23 vs. S23	S2-3 up	GO:0010073	Development	Development	meristem maintenance	P	AT4G32551
43977	7	F23 vs. S23	S2-3 up	GO:0010073	Development	Development	meristem maintenance	P	AT5G13290
43978	7	F23 vs. S23	S2-3 up	GO:0009933	Development	Development	meristem structural organization	P	AT2G45190
43979	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT1G03780
43980	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT1G63640
43981	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT2G35630
43982	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT2G45170
43983	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G06030
43984	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G16060
43985	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G20150
43986	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G23670
43987	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G50960
43988	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT3G60190
43989	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G21270
43990	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G32330
43991	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT4G32830
43992	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G51600

43993	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G55230
43994	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G62580
43995	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G65930
43996	7	F23 vs. S23	S2-3 up	GO:0005874	Development	Development	microtubule	C	AT5G67270
43997	7	F23 vs. S23	S2-3 up	GO:0005875	Development	Development	microtubule associated complex	C	AT3G53320
43998	7	F23 vs. S23	S2-3 up	GO:0005875	Development	Development	microtubule associated complex	C	AT5G57410
43999	7	F23 vs. S23	S2-3 up	GO:0001578	Development	Development	microtubule bundle formation	P	AT5G55230
44000	7	F23 vs. S23	S2-3 up	GO:0001578	Development	Development	microtubule bundle formation	P	AT5G65930
44001	7	F23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT2G35630
44002	7	F23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT4G09550
44003	7	F23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT5G18580
44004	7	F23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT5G27930
44005	7	F23 vs. S23	S2-3 up	GO:0000226	Development	Development	microtubule cytoskeleton organization	P	AT5G51600
44006	7	F23 vs. S23	S2-3 up	GO:0007020	Development	Development	microtubule nucleation	P	AT5G55230
44007	7	F23 vs. S23	S2-3 up	GO:0051415	Development	Development	microtubule nucleation by interphase microtubule organizing center	P	AT4G09550
44008	7	F23 vs. S23	S2-3 up	GO:0051418	Development	Development	microtubule nucleation by microtubule organizing center	P	AT4G09550
44009	7	F23 vs. S23	S2-3 up	GO:0005815	Development	Development	microtubule organizing center	C	AT5G67270
44010	7	F23 vs. S23	S2-3 up	GO:0035371	Development	Development	microtubule plus-end	C	AT2G35630
44011	7	F23 vs. S23	S2-3 up	GO:0035371	Development	Development	microtubule plus-end	C	AT5G67270
44012	7	F23 vs. S23	S2-3 up	GO:0046785	Development	Development	microtubule polymerization	P	AT1G19835
44013	7	F23 vs. S23	S2-3 up	GO:0046785	Development	Development	microtubule polymerization	P	AT2G35630
44014	7	F23 vs. S23	S2-3 up	GO:0046785	Development	Development	microtubule polymerization	P	AT5G51600
44015	7	F23 vs. S23	S2-3 up	GO:0046785	Development	Development	microtubule polymerization	P	AT5G55230
44016	7	F23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT1G63640
44017	7	F23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G16060
44018	7	F23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G20150
44019	7	F23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT3G23670
44020	7	F23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT4G21270
44021	7	F23 vs. S23	S2-3 up	GO:0007018	Development	Development	microtubule-based movement	P	AT5G65930
44022	7	F23 vs. S23	S2-3 up	GO:0042814	Development	Development	monopolar cell growth	P	AT4G36380
44023	7	F23 vs. S23	S2-3 up	GO:0080001	Development	Development	mucilage extrusion from seed coat	P	AT4G32551
44024	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G07090
44025	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G24260
44026	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT1G43850
44027	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT2G33830
44028	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT2G42830
44029	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT2G44080
44030	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G12830
44031	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G55830
44032	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT3G58780
44033	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G09960
44034	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G18960
44035	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G28190
44036	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT4G36380
44037	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G05690
44038	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G43810
44039	7	F23 vs. S23	S2-3 up	GO:0007275	Development	Development	multicellular organism development	P	AT5G60910
44040	7	F23 vs. S23	S2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT2G44080
44041	7	F23 vs. S23	S2-3 up	GO:0009825	Development	Development	multidimensional cell growth	P	AT3G21510
44042	7	F23 vs. S23	S2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT1G17730
44043	7	F23 vs. S23	S2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT1G73030
44044	7	F23 vs. S23	S2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT2G38410
44045	7	F23 vs. S23	S2-3 up	GO:0005771	Development	Development	multivesicular body	C	AT5G44560
44046	7	F23 vs. S23	S2-3 up	GO:0016459	Development	Development	myosin complex	C	AT4G33200

44047	7	F23 vs. S23	S2-3 up	GO:0016604	Development	Development	nuclear body	C	AT2G40030
44048	7	F23 vs. S23	S2-3 up	GO:0005846	Development	Development	nuclear cap binding complex	C	AT2G13540
44049	7	F23 vs. S23	S2-3 up	GO:0005846	Development	Development	nuclear cap binding complex	C	AT2G27100
44050	7	F23 vs. S23	S2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT2G31970
44051	7	F23 vs. S23	S2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT2G40550
44052	7	F23 vs. S23	S2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT4G02060
44053	7	F23 vs. S23	S2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT5G09740
44054	7	F23 vs. S23	S2-3 up	GO:0000790	Development	Development	nuclear chromatin	C	AT5G24330
44055	7	F23 vs. S23	S2-3 up	GO:0000228	Development	Development	nuclear chromosome	C	AT5G42920
44056	7	F23 vs. S23	S2-3 up	GO:0000784	Development	Development	nuclear chromosome, telomeric region	C	AT2G31970
44057	7	F23 vs. S23	S2-3 up	GO:0010445	Development	Development	nuclear dicing body	C	AT2G27100
44058	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT1G27310
44059	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT2G42810
44060	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT3G25980
44061	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT3G53320
44062	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT3G56900
44063	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT4G09550
44064	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT5G16050
44065	7	F23 vs. S23	S2-3 up	GO:0005635	Development	Development	nuclear envelope	C	AT5G51200
44066	7	F23 vs. S23	S2-3 up	GO:0005719	Development	Development	nuclear euchromatin	C	AT2G27040
44067	7	F23 vs. S23	S2-3 up	GO:0000176	Development	Development	nuclear exosome (RNase complex)	C	AT3G46210
44068	7	F23 vs. S23	S2-3 up	GO:0031965	Development	Development	nuclear membrane	C	AT2G42810
44069	7	F23 vs. S23	S2-3 up	GO:0031965	Development	Development	nuclear membrane	C	AT4G32830
44070	7	F23 vs. S23	S2-3 up	GO:0031965	Development	Development	nuclear membrane	C	AT4G33200
44071	7	F23 vs. S23	S2-3 up	GO:0005640	Development	Development	nuclear outer membrane	C	AT4G09550
44072	7	F23 vs. S23	S2-3 up	GO:0005643	Development	Development	nuclear pore	C	AT3G56900
44073	7	F23 vs. S23	S2-3 up	GO:0044611	Development	Development	nuclear pore inner ring	C	AT5G51200
44074	7	F23 vs. S23	S2-3 up	GO:0006999	Development	Development	nuclear pore organization	P	AT5G51200
44075	7	F23 vs. S23	S2-3 up	GO:0005656	Development	Development	nuclear pre-replicative complex	C	AT3G25100
44076	7	F23 vs. S23	S2-3 up	GO:0005656	Development	Development	nuclear pre-replicative complex	C	AT3G49180
44077	7	F23 vs. S23	S2-3 up	GO:0043601	Development	Development	nuclear replisome	C	AT2G40550
44078	7	F23 vs. S23	S2-3 up	GO:0009295	Development	Development	nucleoid	C	AT3G27830
44079	7	F23 vs. S23	S2-3 up	GO:0009295	Development	Development	nucleoid	C	AT3G54090
44080	7	F23 vs. S23	S2-3 up	GO:0009295	Development	Development	nucleoid	C	ATCG00740
44081	7	F23 vs. S23	S2-3 up	GO:0009295	Development	Development	nucleoid	C	ATCG00800
44082	7	F23 vs. S23	S2-3 up	GO:0007000	Development	Development	nucleolus organization	P	AT3G50960
44083	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT1G16610
44084	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT1G43850
44085	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT1G79650
44086	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT2G27040
44087	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT2G30260
44088	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT3G22680
44089	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT3G25980
44090	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT3G55510
44091	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT5G41560
44092	7	F23 vs. S23	S2-3 up	GO:0005654	Development	Development	nucleoplasm	C	AT5G47700
44093	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G01225
44094	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G02520
44095	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G02870
44096	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03140
44097	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03330
44098	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G03780
44099	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G05205
44100	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G05805
44101	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G06230
44102	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G07090

44103	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G08060
44104	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G08580
44105	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G08680
44106	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G09815
44107	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G10240
44108	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G10490
44109	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G12310
44110	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G12810
44111	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14300
44112	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14510
44113	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G14570
44114	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16610
44115	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G16920
44116	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17690
44117	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17730
44118	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17760
44119	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G17880
44120	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18400
44121	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18540
44122	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G18850
44123	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19120
44124	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19330
44125	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G19640
44126	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20450
44127	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20650
44128	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20693
44129	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G20930
44130	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21690
44131	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21720
44132	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21750
44133	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G21830
44134	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22530
44135	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G22780
44136	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23290
44137	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G23420
44138	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G24260
44139	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G25330
44140	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26470
44141	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26530
44142	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G26880
44143	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27310
44144	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27360
44145	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27370
44146	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27390
44147	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27770
44148	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G27950
44149	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G28330
44150	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G29250
44151	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G30690
44152	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G31500
44153	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32210
44154	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G32470
44155	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G33330
44156	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G33810
44157	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G34030
44158	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G34150

44159	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G34190
44160	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G36240
44161	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G43850
44162	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G44830
44163	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47870
44164	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G47970
44165	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48110
44166	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G48240
44167	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49600
44168	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49750
44169	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49910
44170	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G49970
44171	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50240
44172	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G50480
44173	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G51200
44174	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G52300
44175	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G52410
44176	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53230
44177	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G53320
44178	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54080
44179	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54410
44180	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G54500
44181	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G55250
44182	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G55300
44183	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G57860
44184	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G60200
44185	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G61450
44186	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63480
44187	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G63640
44188	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64050
44189	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64230
44190	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G64405
44191	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G65270
44192	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G66590
44193	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G66750
44194	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G67910
44195	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G68820
44196	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G68920
44197	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G69700
44198	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G69780
44199	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G70660
44200	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G73230
44201	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G73450
44202	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75730
44203	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G75980
44204	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G76540
44205	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G76580
44206	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G76850
44207	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G78260
44208	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G79650
44209	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80040
44210	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80070
44211	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80190
44212	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80420
44213	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80790
44214	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT1G80850

44215	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G01060
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44217	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G02070
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44220	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G04530
44221	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G05260
44222	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G06200
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44224	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G13540
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44227	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G17240
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44233	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18170
44234	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18510
44235	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G18740
44236	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G20490
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44238	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G22840
44239	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23460
44240	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G23930
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44246	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G26060
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44251	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G27830
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44294	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G42840
44295	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT2G43680
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44322	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07580
44323	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G07590
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44326	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G10380

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44331	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G12130
44332	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13040
44333	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13170
44334	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13445
44335	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13570
44336	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13670
44337	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G13810
44338	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G14010
44339	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15270
44340	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G15630
44341	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16060
44342	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16410
44343	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G16830
44344	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17100
44345	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G17160
44346	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G18860
44347	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G19910
44348	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G20060
44349	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G20390
44350	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21100
44351	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21510
44352	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G21540
44353	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22550
44354	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22680
44355	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22780
44356	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G22970
44357	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23830
44358	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23890
44359	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G23900
44360	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G24050
44361	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G24550
44362	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G25520
44363	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G25980
44364	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G26510
44365	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G26810
44366	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G26932
44367	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G27810
44368	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G43590
44369	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45900
44370	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G45980
44371	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G46030
44372	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G47160
44373	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G47620
44374	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48410
44375	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G48440
44376	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G49910
44377	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50350
44378	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50950
44379	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G50960
44380	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51160
44381	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G51280
44382	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G52110

44383	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G52140
44384	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G52590
44385	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G53020
44386	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G53500
44387	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G53890
44388	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54090
44389	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54220
44390	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G54770
44391	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G55380
44392	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G55510
44393	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G55660
44394	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56150
44395	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56340
44396	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56590
44397	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56880
44398	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G56900
44399	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57080
44400	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G57670
44401	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G58560
44402	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G58650
44403	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G58780
44404	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60080
44405	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60320
44406	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60600
44407	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60820
44408	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G60830
44409	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61310
44410	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G61690
44411	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G62050
44412	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT3G62840
44413	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G00820
44414	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G01960
44415	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02060
44416	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02570
44417	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G02840
44418	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G04630
44419	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G05150
44420	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G08310
44421	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G09830
44422	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G09960
44423	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10270
44424	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10620
44425	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10810
44426	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G10925
44427	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G11080
44428	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G12600
44429	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G13020
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44432	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G14770
44433	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15770
44434	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15790
44435	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G15900
44436	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G16140
44437	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G16265
44438	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G16280

44439	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G16780
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44442	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17640
44443	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17670
44444	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17760
44445	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G17900
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44447	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G18820
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44449	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G20400
44450	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G21270
44451	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G21710
44452	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G22380
44453	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G23040
44454	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G23540
44455	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G24880
44456	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25320
44457	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G25550
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44459	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26610
44460	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26630
44461	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G26840
44462	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G27450
44463	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G27500
44464	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28180
44465	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28190
44466	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28240
44467	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28300
44468	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G28820
44469	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G29440
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44471	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G30220
44472	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G31120
44473	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32270
44474	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32330
44475	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32551
44476	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G32830
44477	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33200
44478	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33260
44479	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33400
44480	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G33950
44481	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G34160
44482	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G34910
44483	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35020
44484	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G35730
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44486	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G36930
44487	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37090
44488	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37300
44489	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37470
44490	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37490
44491	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37740
44492	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G37750
44493	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G38680
44494	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G38930

44495	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G39910
44496	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G40000
44497	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT4G40030
44498	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G02820
44499	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G04560
44500	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G05100
44501	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G05440
44502	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G05940
44503	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06270
44504	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06360
44505	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G06710
44506	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G07710
44507	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G08420
44508	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G09240
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44512	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G09960
44513	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10360
44514	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10390
44515	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10400
44516	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10510
44517	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G10980
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44519	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G11510
44520	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G13090
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44529	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G16630
44530	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G17160
44531	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G18580
44532	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G18920
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44534	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G19910
44535	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G20570
44536	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G22650
44537	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24330
44538	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24580
44539	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24670
44540	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G24890
44541	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G25570
44542	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G26180
44543	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G26210
44544	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G26230
44545	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G26610
44546	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G27700
44547	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G28300
44548	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G28640
44549	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G37340
44550	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G39410

44551	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41060
44552	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G41560
44553	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42190
44554	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42920
44555	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G42990
44556	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G43880
44557	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G44560
44558	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G45750
44559	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G45775
44560	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G46070
44561	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G46850
44562	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47370
44563	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47680
44564	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G47700
44565	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G48310
44566	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G48600
44567	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G49230
44568	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G49550
44569	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G50860
44570	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G50870
44571	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51200
44572	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51230
44573	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51340
44574	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51410
44575	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51590
44576	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G51600
44577	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53180
44578	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G53620
44579	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54580
44580	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G54970
44581	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55040
44582	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55100
44583	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55160
44584	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55190
44585	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55230
44586	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G55660
44587	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G56600
44588	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G57290
44589	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G57390
44590	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G57410
44591	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G58140
44592	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59140
44593	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59360
44594	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59910
44595	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G59970
44596	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60150
44597	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60680
44598	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G60910
44599	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61130
44600	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61170
44601	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61590
44602	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61910
44603	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G61960
44604	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62000
44605	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62170
44606	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62290

44607	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62410
44608	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62580
44609	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G62900
44610	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G63120
44611	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G63670
44612	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64130
44613	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G64200
44614	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65360
44615	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65670
44616	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G65950
44617	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G66440
44618	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G66800
44619	7	F23 vs. S23	S2-3 up	GO:0005634	Development	Development	nucleus	C	AT5G67270
44620	7	F23 vs. S23	S2-3 up	GO:0035265	Development	Development	organ growth	P	AT2G44080
44621	7	F23 vs. S23	S2-3 up	GO:0035265	Development	Development	organ growth	P	AT5G10510
44622	7	F23 vs. S23	S2-3 up	GO:0019866	Development	Development	organelle inner membrane	C	AT5G20520
44623	7	F23 vs. S23	S2-3 up	GO:0007389	Development	Development	pattern specification process	P	AT1G02800
44624	7	F23 vs. S23	S2-3 up	GO:0048441	Development	Development	petal development	P	AT4G36380
44625	7	F23 vs. S23	S2-3 up	GO:0080172	Development	Development	petal epidermis patterning	P	AT1G51460
44626	7	F23 vs. S23	S2-3 up	GO:0010087	Development	Development	phloem or xylem histogenesis	P	AT3G55830
44627	7	F23 vs. S23	S2-3 up	GO:0010087	Development	Development	phloem or xylem histogenesis	P	AT4G02570
44628	7	F23 vs. S23	S2-3 up	GO:0000719	Development	Development	photoreactive repair	P	AT5G18070
44629	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT1G49910
44630	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT1G50240
44631	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G03680
44632	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G35630
44633	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT2G40060
44634	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G10380
44635	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G23670
44636	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G53320
44637	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT3G60190
44638	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT4G02570
44639	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT4G09550
44640	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT4G21270
44641	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT4G32830
44642	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G17620
44643	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G18580
44644	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G51600
44645	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G55230
44646	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G56580
44647	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G65930
44648	7	F23 vs. S23	S2-3 up	GO:0009524	Development	Development	phragmoplast	C	AT5G67270
44649	7	F23 vs. S23	S2-3 up	GO:0060771	Development	Development	phyllotactic patterning	P	AT5G10510
44650	7	F23 vs. S23	S2-3 up	GO:0060771	Development	Development	phyllotactic patterning	P	AT5G57390
44651	7	F23 vs. S23	S2-3 up	GO:0090626	Development	Development	plant epidermis morphogenesis	P	AT1G34245
44652	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G23420
44653	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G24260
44654	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT1G43850
44655	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT2G42830
44656	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT3G58780
44657	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT4G09960
44658	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT4G18960
44659	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT5G07180
44660	7	F23 vs. S23	S2-3 up	GO:0048481	Development	Development	plant ovule development	P	AT5G62000
44661	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G04040
44662	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G27950

44663	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G28110
44664	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G28290
44665	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G71695
44666	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT1G73590
44667	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G02100
44668	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT2G46930
44669	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G02880
44670	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G08680
44671	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT3G16240
44672	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT4G12420
44673	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G06860
44674	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G16590
44675	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G20950
44676	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G42100
44677	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G49190
44678	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G61130
44679	7	F23 vs. S23	S2-3 up	GO:0009505	Development	Development	plant-type cell wall	C	AT5G61790
44680	7	F23 vs. S23	S2-3 up	GO:0009828	Development	Development	plant-type cell wall loosening	P	AT2G20750
44681	7	F23 vs. S23	S2-3 up	GO:0009827	Development	Development	plant-type cell wall modification	P	AT5G62360
44682	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G21310
44683	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT1G31420
44684	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G24980
44685	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G26330
44686	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT2G35620
44687	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT3G54590
44688	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT4G08410
44689	7	F23 vs. S23	S2-3 up	GO:0009664	Development	Development	plant-type cell wall organization	P	AT5G06640
44690	7	F23 vs. S23	S2-3 up	GO:0009833	Development	Development	plant-type primary cell wall biogenesis	P	AT1G02730
44691	7	F23 vs. S23	S2-3 up	GO:0009834	Development	Development	plant-type secondary cell wall biogenesis	P	AT1G75500
44692	7	F23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G54030
44693	7	F23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT1G75500
44694	7	F23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT2G36830
44695	7	F23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT3G16240
44696	7	F23 vs. S23	S2-3 up	GO:0009705	Development	Development	plant-type vacuole membrane	C	AT4G15920
44697	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G01620
44698	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G02520
44699	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G02730
44700	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G04260
44701	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G04270
44702	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G07770
44703	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G08360
44704	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G08680
44705	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G11180
44706	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G12310
44707	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G13930
44708	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G15270
44709	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G16920
44710	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G18540
44711	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G18650
44712	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G19835
44713	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G20650
44714	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G22530
44715	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G22780
44716	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G27770
44717	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G27950
44718	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G28290

44719	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G29250
44720	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G30690
44721	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G31335
44722	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G31420
44723	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G34030
44724	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G48240
44725	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G50480
44726	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G51460
44727	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G51570
44728	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G51940
44729	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G53320
44730	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G53440
44731	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G54080
44732	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G54510
44733	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G63640
44734	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G63700
44735	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G64230
44736	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G69295
44737	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G69840
44738	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G70350
44739	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G71830
44740	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G73450
44741	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G73590
44742	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G74050
44743	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G75500
44744	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G76580
44745	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT1G76850
44746	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G01630
44747	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G02100
44748	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G13610
44749	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G14890
44750	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G15970
44751	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G17660
44752	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G19730
44753	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G19740
44754	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G19830
44755	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G21160
44756	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G23460
44757	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G25060
44758	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G25270
44759	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G26330
44760	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G26730
44761	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G27030
44762	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G30110
44763	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33330
44764	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G33640
44765	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G34480
44766	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G35620
44767	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36160
44768	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G36620
44769	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G38410
44770	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G38730
44771	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G40060
44772	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G40330
44773	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G41420
44774	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G42910

44775	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G43680
44776	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G44830
44777	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G45710
44778	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT2G47930
44779	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G02880
44780	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G04920
44781	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G05590
44782	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G06030
44783	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G06110
44784	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G07980
44785	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G08680
44786	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G08710
44787	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G10380
44788	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G10500
44789	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G11730
44790	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G11940
44791	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16060
44792	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G16240
44793	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G18740
44794	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G19540
44795	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G19553
44796	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G20820
44797	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G24550
44798	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G25520
44799	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G27870
44800	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G47580
44801	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G48570
44802	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G49670
44803	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G49910
44804	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G52140
44805	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G54720
44806	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55360
44807	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55390
44808	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G55770
44809	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G56370
44810	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G56490
44811	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G58650
44812	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G60190
44813	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G60600
44814	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G60820
44815	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT3G63420
44816	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G03550
44817	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G12420
44818	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G14730
44819	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G18820
44820	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G22010
44821	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G22120
44822	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G22470
44823	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G23010
44824	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G24350
44825	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26550
44826	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G26610
44827	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27450
44828	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G27500
44829	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28240
44830	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G28300

44831	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29390
44832	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29410
44833	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G29870
44834	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30010
44835	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30220
44836	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G30690
44837	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31840
44838	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G31985
44839	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32270
44840	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G32470
44841	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33250
44842	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33400
44843	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33430
44844	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33865
44845	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G33950
44846	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34150
44847	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34555
44848	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G34870
44849	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G35020
44850	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36180
44851	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G36970
44852	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G37300
44853	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G38680
44854	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39200
44855	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G39220
44856	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT4G40030
44857	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G01020
44858	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02170
44859	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G02610
44860	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G03850
44861	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04080
44862	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G04800
44863	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05310
44864	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05440
44865	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G05670
44866	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G07180
44867	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G07300
44868	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G08000
44869	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09510
44870	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G09960
44871	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10020
44872	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10360
44873	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10390
44874	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10400
44875	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10430
44876	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G10980
44877	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G11560
44878	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G12150
44879	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G13290
44880	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G13460
44881	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G14920
44882	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G15090
44883	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G15680
44884	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G16050
44885	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G16590
44886	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G19450

44887	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G20520
44888	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G21170
44889	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G25090
44890	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G25100
44891	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G26230
44892	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G27930
44893	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G39410
44894	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G40770
44895	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G41060
44896	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G42100
44897	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G45750
44898	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G46150
44899	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47700
44900	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47710
44901	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G47930
44902	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G48310
44903	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50200
44904	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G50860
44905	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G52240
44906	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G52860
44907	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G53880
44908	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G55480
44909	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G56590
44910	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G57490
44911	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58140
44912	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G58640
44913	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G61130
44914	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G61790
44915	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62290
44916	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G62360
44917	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64130
44918	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G64870
44919	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G65280
44920	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G65930
44921	7	F23 vs. S23	S2-3 up	GO:0005886	Development	Development	plasma membrane	C	AT5G67200
44922	7	F23 vs. S23	S2-3 up	GO:0007009	Development	Development	plasma membrane organization	P	AT3G07980
44923	7	F23 vs. S23	S2-3 up	GO:0043078	Development	Development	polar nucleus	C	AT5G04560
44924	7	F23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT1G23420
44925	7	F23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G26330
44926	7	F23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G34710
44927	7	F23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT2G45190
44928	7	F23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT4G32551
44929	7	F23 vs. S23	S2-3 up	GO:0009944	Development	Development	polarity specification of adaxial/abaxial axis	P	AT5G22650
44930	7	F23 vs. S23	S2-3 up	GO:0009555	Development	Development	pollen development	P	AT1G53320
44931	7	F23 vs. S23	S2-3 up	GO:0009555	Development	Development	pollen development	P	AT3G07980
44932	7	F23 vs. S23	S2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G02060
44933	7	F23 vs. S23	S2-3 up	GO:0009555	Development	Development	pollen development	P	AT4G03550
44934	7	F23 vs. S23	S2-3 up	GO:0010584	Development	Development	pollen exine formation	P	AT5G05690
44935	7	F23 vs. S23	S2-3 up	GO:0010152	Development	Development	pollen maturation	P	AT1G71830
44936	7	F23 vs. S23	S2-3 up	GO:0010152	Development	Development	pollen maturation	P	AT3G26810
44937	7	F23 vs. S23	S2-3 up	GO:0090406	Development	Development	pollen tube	C	AT5G14850
44938	7	F23 vs. S23	S2-3 up	GO:0010208	Development	Development	pollen wall assembly	P	AT3G09090
44939	7	F23 vs. S23	S2-3 up	GO:0009791	Development	Development	post-embryonic development	P	AT1G23290
44940	7	F23 vs. S23	S2-3 up	GO:0009791	Development	Development	post-embryonic development	P	AT5G57390
44941	7	F23 vs. S23	S2-3 up	GO:0048528	Development	Development	post-embryonic root development	P	AT5G55230
44942	7	F23 vs. S23	S2-3 up	GO:0009530	Development	Development	primary cell wall	C	AT1G21310

44943	7	F23 vs. S23	S2-3 up	GO:0009530	Development	Development	primary cell wall	C	AT3G54590
44944	7	F23 vs. S23	S2-3 up	GO:0080022	Development	Development	primary root development	P	AT1G69780
44945	7	F23 vs. S23	S2-3 up	GO:0080022	Development	Development	primary root development	P	AT2G25180
44946	7	F23 vs. S23	S2-3 up	GO:0080022	Development	Development	primary root development	P	AT3G57670
44947	7	F23 vs. S23	S2-3 up	GO:0010072	Development	Development	primary shoot apical meristem specification	P	AT2G34710
44948	7	F23 vs. S23	S2-3 up	GO:0010072	Development	Development	primary shoot apical meristem specification	P	AT3G16830
44949	7	F23 vs. S23	S2-3 up	GO:0010072	Development	Development	primary shoot apical meristem specification	P	AT5G43810
44950	7	F23 vs. S23	S2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT1G21750
44951	7	F23 vs. S23	S2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT2G36830
44952	7	F23 vs. S23	S2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT3G16240
44953	7	F23 vs. S23	S2-3 up	GO:0000326	Development	Development	protein storage vacuole	C	AT3G60600
44954	7	F23 vs. S23	S2-3 up	GO:0032586	Development	Development	protein storage vacuole membrane	C	AT3G60600
44955	7	F23 vs. S23	S2-3 up	GO:0009956	Development	Development	radial pattern formation	P	AT3G54220
44956	7	F23 vs. S23	S2-3 up	GO:0055038	Development	Development	recycling endosome membrane	C	AT1G11180
44957	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT1G06230
44958	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT1G73590
44959	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT2G02080
44960	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT2G22840
44961	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT2G25180
44962	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT2G27230
44963	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT2G36400
44964	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT3G02260
44965	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT3G54220
44966	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT3G54720
44967	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT4G15900
44968	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT4G16780
44969	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT4G37740
44970	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT5G10510
44971	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT5G20520
44972	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT5G22650
44973	7	F23 vs. S23	S2-3 up	GO:0048364	Development	Development	root development	P	AT5G57390
44974	7	F23 vs. S23	S2-3 up	GO:0080147	Development	Development	root hair cell development	P	AT5G06270
44975	7	F23 vs. S23	S2-3 up	GO:0010449	Development	Development	root meristem growth	P	AT5G28640
44976	7	F23 vs. S23	S2-3 up	GO:0010015	Development	Development	root morphogenesis	P	AT3G25520
44977	7	F23 vs. S23	S2-3 up	GO:0090057	Development	Development	root radial pattern formation	P	AT2G37590
44978	7	F23 vs. S23	S2-3 up	GO:0080191	Development	Development	secondary thickening	P	AT4G16780
44979	7	F23 vs. S23	S2-3 up	GO:0010214	Development	Development	seed coat development	P	AT4G09960
44980	7	F23 vs. S23	S2-3 up	GO:0048316	Development	Development	seed development	P	AT1G21750
44981	7	F23 vs. S23	S2-3 up	GO:0048316	Development	Development	seed development	P	AT4G09960
44982	7	F23 vs. S23	S2-3 up	GO:0048316	Development	Development	seed development	P	AT4G34160
44983	7	F23 vs. S23	S2-3 up	GO:0048316	Development	Development	seed development	P	AT4G38680
44984	7	F23 vs. S23	S2-3 up	GO:0010162	Development	Development	seed dormancy process	P	AT1G55250
44985	7	F23 vs. S23	S2-3 up	GO:0010162	Development	Development	seed dormancy process	P	AT5G22650
44986	7	F23 vs. S23	S2-3 up	GO:0009845	Development	Development	seed germination	P	AT3G63420
44987	7	F23 vs. S23	S2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G53180
44988	7	F23 vs. S23	S2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G56600
44989	7	F23 vs. S23	S2-3 up	GO:0009845	Development	Development	seed germination	P	AT5G57390
44990	7	F23 vs. S23	S2-3 up	GO:0010431	Development	Development	seed maturation	P	AT2G17820
44991	7	F23 vs. S23	S2-3 up	GO:0010431	Development	Development	seed maturation	P	AT5G49190
44992	7	F23 vs. S23	S2-3 up	GO:0090351	Development	Development	seedling development	P	AT1G17730
44993	7	F23 vs. S23	S2-3 up	GO:0090351	Development	Development	seedling development	P	AT1G73030
44994	7	F23 vs. S23	S2-3 up	GO:0090351	Development	Development	seedling development	P	AT5G56600
44995	7	F23 vs. S23	S2-3 up	GO:1902182	Development	Development	shoot apical meristem development	P	AT1G51570
44996	7	F23 vs. S23	S2-3 up	GO:0048367	Development	Development	shoot system development	P	AT1G02730
44997	7	F23 vs. S23	S2-3 up	GO:0048367	Development	Development	shoot system development	P	AT1G73590
44998	7	F23 vs. S23	S2-3 up	GO:0048367	Development	Development	shoot system development	P	AT2G25180

44999	7	F23 vs. S23	S2-3 up	GO:0048367	Development	Development	shoot system development	P	AT2G27100
45000	7	F23 vs. S23	S2-3 up	GO:0010016	Development	Development	shoot system morphogenesis	P	AT4G16780
45001	7	F23 vs. S23	S2-3 up	GO:0048756	Development	Development	sieve cell differentiation	P	AT2G44830
45002	7	F23 vs. S23	S2-3 up	GO:0030427	Development	Development	site of polarized growth	C	AT4G35020
45003	7	F23 vs. S23	S2-3 up	GO:0035019	Development	Development	somatic stem cell population maintenance	P	AT5G43810
45004	7	F23 vs. S23	S2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT1G24260
45005	7	F23 vs. S23	S2-3 up	GO:0010093	Development	Development	specification of floral organ identity	P	AT2G45190
45006	7	F23 vs. S23	S2-3 up	GO:0048833	Development	Development	specification of floral organ number	P	AT1G24260
45007	7	F23 vs. S23	S2-3 up	GO:0090706	Development	Development	specification of plant organ position	P	AT2G45190
45008	7	F23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT3G26810
45009	7	F23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT3G27810
45010	7	F23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT4G18960
45011	7	F23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT4G36380
45012	7	F23 vs. S23	S2-3 up	GO:0048443	Development	Development	stamen development	P	AT4G38680
45013	7	F23 vs. S23	S2-3 up	GO:0080086	Development	Development	stamen filament development	P	AT3G27810
45014	7	F23 vs. S23	S2-3 up	GO:0010479	Development	Development	stele development	P	AT2G27230
45015	7	F23 vs. S23	S2-3 up	GO:0010374	Development	Development	stomatal complex development	P	AT1G34245
45016	7	F23 vs. S23	S2-3 up	GO:0010103	Development	Development	stomatal complex morphogenesis	P	AT1G63700
45017	7	F23 vs. S23	S2-3 up	GO:0010103	Development	Development	stomatal complex morphogenesis	P	AT2G26330
45018	7	F23 vs. S23	S2-3 up	GO:0010103	Development	Development	stomatal complex morphogenesis	P	AT5G07180
45019	7	F23 vs. S23	S2-3 up	GO:0010375	Development	Development	stomatal complex patterning	P	AT1G08750
45020	7	F23 vs. S23	S2-3 up	GO:0010375	Development	Development	stomatal complex patterning	P	AT2G17820
45021	7	F23 vs. S23	S2-3 up	GO:0010375	Development	Development	stomatal complex patterning	P	AT4G14770
45022	7	F23 vs. S23	S2-3 up	GO:0010440	Development	Development	stomatal lineage progression	P	AT4G14770
45023	7	F23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT1G21310
45024	7	F23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT2G24980
45025	7	F23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT3G54590
45026	7	F23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT4G08410
45027	7	F23 vs. S23	S2-3 up	GO:0005199	Development	Development	structural constituent of cell wall	F	AT5G06640
45028	7	F23 vs. S23	S2-3 up	GO:0030527	Development	Development	structural constituent of chromatin	F	AT1G20693
45029	7	F23 vs. S23	S2-3 up	GO:0030527	Development	Development	structural constituent of chromatin	F	AT2G17560
45030	7	F23 vs. S23	S2-3 up	GO:0005200	Development	Development	structural constituent of cytoskeleton	F	AT3G60830
45031	7	F23 vs. S23	S2-3 up	GO:0017056	Development	Development	structural constituent of nuclear pore	F	AT5G51200
45032	7	F23 vs. S23	S2-3 up	GO:0005198	Development	Development	structural molecule activity	F	AT2G40060
45033	7	F23 vs. S23	S2-3 up	GO:0010098	Development	Development	suspensor development	P	AT1G63700
45034	7	F23 vs. S23	S2-3 up	GO:0055044	Development	Development	symplast	C	AT2G37590
45035	7	F23 vs. S23	S2-3 up	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT1G11180
45036	7	F23 vs. S23	S2-3 up	GO:0032588	Development	Development	trans-Golgi network membrane	C	AT3G11730
45037	7	F23 vs. S23	S2-3 up	GO:0010500	Development	Development	transmitting tissue development	P	AT3G57670
45038	7	F23 vs. S23	S2-3 up	GO:0010148	Development	Development	transpiration	P	AT2G26330
45039	7	F23 vs. S23	S2-3 up	GO:0010091	Development	Development	trichome branching	P	AT3G55360
45040	7	F23 vs. S23	S2-3 up	GO:0010091	Development	Development	trichome branching	P	AT5G65930
45041	7	F23 vs. S23	S2-3 up	GO:0010026	Development	Development	trichome differentiation	P	AT5G55480
45042	7	F23 vs. S23	S2-3 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT1G19835
45043	7	F23 vs. S23	S2-3 up	GO:0010090	Development	Development	trichome morphogenesis	P	AT4G00100
45044	7	F23 vs. S23	S2-3 up	GO:1905499	Development	Development	trichome papilla formation	P	AT3G55360
45045	7	F23 vs. S23	S2-3 up	GO:0048629	Development	Development	trichome patterning	P	AT5G65930
45046	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G31420
45047	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT1G75500
45048	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G03680
45049	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G20750
45050	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT2G35620
45051	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G02260
45052	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT3G51160
45053	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT4G16780
45054	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G05690

45055	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G18580
45056	7	F23 vs. S23	S2-3 up	GO:0009826	Development	Development	unidimensional cell growth	P	AT5G47370
45057	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G03860
45058	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G04040
45059	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G04270
45060	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G07770
45061	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G16920
45062	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G21720
45063	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G22780
45064	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G34030
45065	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G65270
45066	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G69620
45067	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G69840
45068	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT1G75500
45069	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G21160
45070	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G27030
45071	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G34480
45072	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36160
45073	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT2G36830
45074	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G04920
45075	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G05590
45076	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G06960
45077	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G07590
45078	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G16240
45079	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G26810
45080	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G46740
45081	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G49360
45082	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G49910
45083	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G53740
45084	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G60190
45085	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT3G62870
45086	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G02840
45087	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G12420
45088	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G28510
45089	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G32470
45090	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT4G34870
45091	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G02170
45092	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G02610
45093	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G09510
45094	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G11560
45095	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G15090
45096	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G22650
45097	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G39410
45098	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G40770
45099	7	F23 vs. S23	S2-3 up	GO:0005774	Development	Development	vacuolar membrane	C	AT5G61790
45100	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G01620
45101	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G03860
45102	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G04040
45103	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G16920
45104	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G21750
45105	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G28110
45106	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G52410
45107	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G54030
45108	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G67430
45109	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G69840
45110	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G71695

45111	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT1G79690
45112	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G15970
45113	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G21160
45114	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G23930
45115	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G24940
45116	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G25060
45117	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G25210
45118	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G36830
45119	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G37190
45120	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT2G38730
45121	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G05590
45122	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G07980
45123	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G11940
45124	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G16240
45125	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G20390
45126	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G25520
45127	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G44100
45128	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G60190
45129	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT3G62110
45130	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G01320
45131	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G09800
45132	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G29690
45133	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT4G35800
45134	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G08260
45135	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G11560
45136	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G15090
45137	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G27850
45138	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G39410
45139	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G40770
45140	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G45750
45141	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G45775
45142	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G47710
45143	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G55290
45144	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G59970
45145	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G61170
45146	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G61790
45147	7	F23 vs. S23	S2-3 up	GO:0005773	Development	Development	vacuole	C	AT5G64870
45148	7	F23 vs. S23	S2-3 up	GO:0001944	Development	Development	vasculature development	P	AT2G26330
45149	7	F23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT1G55250
45150	7	F23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT2G42200
45151	7	F23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT4G14300
45152	7	F23 vs. S23	S2-3 up	GO:0010228	Development	Development	vegetative to reproductive phase transition of meristem	P	AT4G38680
45153	7	F23 vs. S23	S2-3 up	GO:0048280	Development	Development	vesicle fusion with Golgi apparatus	P	AT1G48240
45154	7	F23 vs. S23	S2-3 up	GO:0090522	Development	Development	vesicle tethering involved in exocytosis	P	AT3G10380
45155	7	F23 vs. S23	S2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT1G73590
45156	7	F23 vs. S23	S2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT4G25320
45157	7	F23 vs. S23	S2-3 up	GO:0010051	Development	Development	xylem and phloem pattern formation	P	AT5G51590
45158	7	F23 vs. S23	S2-3 up	GO:0102336	Metabolism	Bioenergetics	3-oxo-arachidoyl-CoA synthase activity	F	AT2G26640
45159	7	F23 vs. S23	S2-3 up	GO:0102337	Metabolism	Bioenergetics	3-oxo-cerotoyl-CoA synthase activity	F	AT2G26640
45160	7	F23 vs. S23	S2-3 up	GO:0102338	Metabolism	Bioenergetics	3-oxo-lignoceronyl-CoA synthase activity	F	AT2G26640
45161	7	F23 vs. S23	S2-3 up	GO:0003872	Metabolism	Bioenergetics	6-phosphofructokinase activity	F	AT4G32840
45162	7	F23 vs. S23	S2-3 up	GO:0003989	Metabolism	Bioenergetics	acetyl-CoA carboxylase activity	F	AT5G16390

45163	7	F23 vs. S23	S2-3 up	GO:0009317	Metabolism	Bioenergetics	acetyl-CoA carboxylase complex	C	AT5G16390
45164	7	F23 vs. S23	S2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT3G50950
45165	7	F23 vs. S23	S2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	AT5G45210
45166	7	F23 vs. S23	S2-3 up	GO:0043531	Metabolism	Bioenergetics	ADP binding	F	ATMG01190
45167	7	F23 vs. S23	S2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT2G01090
45168	7	F23 vs. S23	S2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT4G32470
45169	7	F23 vs. S23	S2-3 up	GO:0009060	Metabolism	Bioenergetics	aerobic respiration	P	AT5G15090
45170	7	F23 vs. S23	S2-3 up	GO:0042773	Metabolism	Bioenergetics	ATP synthesis coupled electron transport	P	ATCG01070
45171	7	F23 vs. S23	S2-3 up	GO:0015986	Metabolism	Bioenergetics	ATP synthesis coupled proton transport	P	ATMG01190
45172	7	F23 vs. S23	S2-3 up	GO:0001671	Metabolism	Bioenergetics	ATPase activator activity	F	AT2G35795
45173	7	F23 vs. S23	S2-3 up	GO:0001671	Metabolism	Bioenergetics	ATPase activator activity	F	AT5G58110
45174	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G02520
45175	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G51460
45176	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT1G63640
45177	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G13610
45178	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT2G31970
45179	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G16060
45180	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G20150
45181	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT3G23670
45182	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT4G21270
45183	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G52860
45184	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	AT5G65930
45185	7	F23 vs. S23	S2-3 up	GO:0016887	Metabolism	Bioenergetics	ATPase activity	F	ATMG01190
45186	7	F23 vs. S23	S2-3 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	AT1G11750
45187	7	F23 vs. S23	S2-3 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	AT1G49970
45188	7	F23 vs. S23	S2-3 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	AT5G23140
45189	7	F23 vs. S23	S2-3 up	GO:0051117	Metabolism	Bioenergetics	ATPase binding	F	ATCG00670
45190	7	F23 vs. S23	S2-3 up	GO:0008569	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, minus-end-directed	F	AT4G21270
45191	7	F23 vs. S23	S2-3 up	GO:0008569	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, minus-end-directed	F	AT5G65930
45192	7	F23 vs. S23	S2-3 up	GO:0008574	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, plus-end-directed	F	AT3G20150
45193	7	F23 vs. S23	S2-3 up	GO:0008574	Metabolism	Bioenergetics	ATP-dependent microtubule motor activity, plus-end-directed	F	AT3G23670
45194	7	F23 vs. S23	S2-3 up	GO:0016161	Metabolism	Bioenergetics	beta-amylase activity	F	AT5G18670
45195	7	F23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G27120
45196	7	F23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G52030
45197	7	F23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT1G78820
45198	7	F23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G16410
45199	7	F23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT3G17940
45200	7	F23 vs. S23	S2-3 up	GO:0030246	Metabolism	Bioenergetics	carbohydrate binding	F	AT5G61790
45201	7	F23 vs. S23	S2-3 up	GO:0019200	Metabolism	Bioenergetics	carbohydrate kinase activity	F	AT3G54090
45202	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT2G01630
45203	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G26140
45204	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G49360
45205	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT3G62110
45206	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT4G01040
45207	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G18070
45208	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G20250
45209	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G21170
45210	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G24420
45211	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G41870
45212	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G42100
45213	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G56590
45214	7	F23 vs. S23	S2-3 up	GO:0005975	Metabolism	Bioenergetics	carbohydrate metabolic process	P	AT5G57330

45215	7	F23 vs. S23	S2-3 up	GO:0017004	Metabolism	Bioenergetics	cytochrome complex assembly	P	ATMG00830
45216	7	F23 vs. S23	S2-3 up	GO:0008094	Metabolism	Bioenergetics	DNA-dependent ATPase activity	F	AT1G79050
45217	7	F23 vs. S23	S2-3 up	GO:0008094	Metabolism	Bioenergetics	DNA-dependent ATPase activity	F	AT3G23890
45218	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT1G54500
45219	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT2G25060
45220	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT3G07480
45221	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G31840
45222	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT4G33040
45223	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G25090
45224	7	F23 vs. S23	S2-3 up	GO:0009055	Metabolism	Bioenergetics	electron transfer activity	F	AT5G45040
45225	7	F23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT1G14450
45226	7	F23 vs. S23	S2-3 up	GO:0022900	Metabolism	Bioenergetics	electron transport chain	P	AT2G02510
45227	7	F23 vs. S23	S2-3 up	GO:0006635	Metabolism	Bioenergetics	fatty acid beta-oxidation	P	AT1G79810
45228	7	F23 vs. S23	S2-3 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT5G48485
45229	7	F23 vs. S23	S2-3 up	GO:0005504	Metabolism	Bioenergetics	fatty acid binding	F	AT5G48490
45230	7	F23 vs. S23	S2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT2G26640
45231	7	F23 vs. S23	S2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT5G16390
45232	7	F23 vs. S23	S2-3 up	GO:0006633	Metabolism	Bioenergetics	fatty acid biosynthetic process	P	AT5G21170
45233	7	F23 vs. S23	S2-3 up	GO:0009922	Metabolism	Bioenergetics	fatty acid elongase activity	F	AT3G55360
45234	7	F23 vs. S23	S2-3 up	GO:0009923	Metabolism	Bioenergetics	fatty acid elongase complex	C	AT3G55360
45235	7	F23 vs. S23	S2-3 up	GO:0006631	Metabolism	Bioenergetics	fatty acid metabolic process	P	AT1G08640
45236	7	F23 vs. S23	S2-3 up	GO:1902334	Metabolism	Bioenergetics	fructose export from vacuole to cytoplasm	P	AT4G15920
45237	7	F23 vs. S23	S2-3 up	GO:0006094	Metabolism	Bioenergetics	gluconeogenesis	P	AT2G01140
45238	7	F23 vs. S23	S2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT3G17940
45239	7	F23 vs. S23	S2-3 up	GO:0006006	Metabolism	Bioenergetics	glucose metabolic process	P	AT5G64860
45240	7	F23 vs. S23	S2-3 up	GO:0047938	Metabolism	Bioenergetics	glucose-6-phosphate 1-epimerase activity	F	AT5G57330
45241	7	F23 vs. S23	S2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT2G01140
45242	7	F23 vs. S23	S2-3 up	GO:0006096	Metabolism	Bioenergetics	glycolytic process	P	AT4G32840
45243	7	F23 vs. S23	S2-3 up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT4G05590
45244	7	F23 vs. S23	S2-3 up	GO:0031305	Metabolism	Bioenergetics	integral component of mitochondrial inner membrane	C	AT4G14695
45245	7	F23 vs. S23	S2-3 up	GO:0048312	Metabolism	Bioenergetics	intracellular distribution of mitochondria	P	AT3G52140
45246	7	F23 vs. S23	S2-3 up	GO:0004471	Metabolism	Bioenergetics	malate dehydrogenase (decarboxylating) (NAD+) activity	F	AT4G00570
45247	7	F23 vs. S23	S2-3 up	GO:0006108	Metabolism	Bioenergetics	malate metabolic process	P	AT4G00570
45248	7	F23 vs. S23	S2-3 up	GO:0004470	Metabolism	Bioenergetics	malic enzyme activity	F	AT4G00570
45249	7	F23 vs. S23	S2-3 up	GO:0004488	Metabolism	Bioenergetics	methylenetetrahydrofolate dehydrogenase (NADP+) activity	F	AT1G50480
45250	7	F23 vs. S23	S2-3 up	GO:0005947	Metabolism	Bioenergetics	mitochondrial alpha-ketoglutarate dehydrogenase complex	C	AT1G55510
45251	7	F23 vs. S23	S2-3 up	GO:0006120	Metabolism	Bioenergetics	mitochondrial electron transport, NADH to ubiquinone	P	AT3G03070
45252	7	F23 vs. S23	S2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT1G15120
45253	7	F23 vs. S23	S2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT2G01090
45254	7	F23 vs. S23	S2-3 up	GO:0006122	Metabolism	Bioenergetics	mitochondrial electron transport, ubiquinol to cytochrome c	P	AT4G32470
45255	7	F23 vs. S23	S2-3 up	GO:0000266	Metabolism	Bioenergetics	mitochondrial fission	P	AT3G60190
45256	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G15120
45257	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G18600
45258	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT1G27390
45259	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT2G45270
45260	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	AT4G14695
45261	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	ATMG00830

45262	7	F23 vs. S23	S2-3 up	GO:0005743	Metabolism	Bioenergetics	mitochondrial inner membrane	C	ATMG01190
45263	7	F23 vs. S23	S2-3 up	GO:0005758	Metabolism	Bioenergetics	mitochondrial intermembrane space	C	AT4G23900
45264	7	F23 vs. S23	S2-3 up	GO:0005758	Metabolism	Bioenergetics	mitochondrial intermembrane space	C	AT5G18400
45265	7	F23 vs. S23	S2-3 up	GO:0005758	Metabolism	Bioenergetics	mitochondrial intermembrane space	C	AT5G50810
45266	7	F23 vs. S23	S2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT1G14980
45267	7	F23 vs. S23	S2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT2G44650
45268	7	F23 vs. S23	S2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT3G60210
45269	7	F23 vs. S23	S2-3 up	GO:0005759	Metabolism	Bioenergetics	mitochondrial matrix	C	AT5G23140
45270	7	F23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT1G14450
45271	7	F23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT1G49140
45272	7	F23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT2G01170
45273	7	F23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT2G31490
45274	7	F23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	AT5G39410
45275	7	F23 vs. S23	S2-3 up	GO:0031966	Metabolism	Bioenergetics	mitochondrial membrane	C	ATMG01370
45276	7	F23 vs. S23	S2-3 up	GO:0005741	Metabolism	Bioenergetics	mitochondrial outer membrane	C	AT1G27390
45277	7	F23 vs. S23	S2-3 up	GO:0005741	Metabolism	Bioenergetics	mitochondrial outer membrane	C	AT5G15090
45278	7	F23 vs. S23	S2-3 up	GO:0005741	Metabolism	Bioenergetics	mitochondrial outer membrane	C	AT5G57490
45279	7	F23 vs. S23	S2-3 up	GO:0005742	Metabolism	Bioenergetics	mitochondrial outer membrane translocase complex	C	AT1G27390
45280	7	F23 vs. S23	S2-3 up	GO:0005742	Metabolism	Bioenergetics	mitochondrial outer membrane translocase complex	C	AT5G41685
45281	7	F23 vs. S23	S2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT3G46430
45282	7	F23 vs. S23	S2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	AT4G30010
45283	7	F23 vs. S23	S2-3 up	GO:0005753	Metabolism	Bioenergetics	mitochondrial proton-transporting ATP synthase complex	C	ATMG01190
45284	7	F23 vs. S23	S2-3 up	GO:0006850	Metabolism	Bioenergetics	mitochondrial pyruvate transmembrane transport	P	AT4G05590
45285	7	F23 vs. S23	S2-3 up	GO:0006850	Metabolism	Bioenergetics	mitochondrial pyruvate transmembrane transport	P	AT4G14695
45286	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G03860
45287	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G14450
45288	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT1G49140
45289	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT2G02510
45290	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT2G31490
45291	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT2G42310
45292	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT3G03070
45293	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT4G28510
45294	7	F23 vs. S23	S2-3 up	GO:0005747	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I	C	AT5G40770
45295	7	F23 vs. S23	S2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT1G14450
45296	7	F23 vs. S23	S2-3 up	GO:0032981	Metabolism	Bioenergetics	mitochondrial respiratory chain complex I assembly	P	AT2G02510
45297	7	F23 vs. S23	S2-3 up	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT2G46390
45298	7	F23 vs. S23	S2-3 up	GO:0005749	Metabolism	Bioenergetics	mitochondrial respiratory chain complex II, succinate dehydrogenase complex (ubiquinone)	C	AT5G62575
45299	7	F23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT2G01090
45300	7	F23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT3G46430
45301	7	F23 vs. S23	S2-3 up	GO:0005750	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III	C	AT4G32470
45302	7	F23 vs. S23	S2-3 up	GO:0034551	Metabolism	Bioenergetics	mitochondrial respiratory chain complex III assembly	P	AT4G32470
45303	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G01170
45304	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02160
45305	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G02190
45306	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G03860
45307	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G07830
45308	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G11940
45309	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14450

45310	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14620
45311	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G14980
45312	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G15120
45313	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G17970
45314	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G18600
45315	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G20430
45316	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G27390
45317	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G28395
45318	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G32470
45319	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G34640
45320	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G48140
45321	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G49140
45322	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G55510
45323	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G57540
45324	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G63130
45325	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G66590
45326	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G67430
45327	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G68820
45328	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69295
45329	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69410
45330	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69620
45331	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G69840
45332	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70350
45333	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G70660
45334	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71260
45335	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71695
45336	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G71830
45337	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73030
45338	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G73230
45339	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G74050
45340	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G75500
45341	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G76680
45342	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G78260
45343	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79420
45344	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79490
45345	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G79690
45346	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80070
45347	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80270
45348	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT1G80700
45349	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01090
45350	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01140
45351	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01170
45352	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G01630
45353	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02100
45354	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02130
45355	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G02510
45356	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G03680
45357	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G04900
45358	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07725
45359	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G07727
45360	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G09990
45361	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G13540
45362	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G15000
45363	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G15970
45364	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G19730
45365	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20060

45366	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20490
45367	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G20585
45368	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G21160
45369	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G24150
45370	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G26330
45371	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G26970
45372	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G27775
45373	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G30620
45374	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G31060
45375	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G31490
45376	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G34870
45377	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G35790
45378	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G37975
45379	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G40720
45380	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G42310
45381	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G43350
45382	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G44080
45383	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G45270
45384	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT2G46540
45385	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01740
45386	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G01790
45387	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G02640
45388	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03070
45389	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G03840
45390	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G06040
45391	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G06960
45392	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G07440
45393	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G07480
45394	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G12870
45395	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G13120
45396	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G19540
45397	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G20390
45398	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G23830
45399	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G27870
45400	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G30775
45401	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G46430
45402	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G48140
45403	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G52140
45404	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55010
45405	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G55830
45406	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G57170
45407	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G60190
45408	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G61070
45409	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT3G63420
45410	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G00570
45411	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G03550
45412	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G04840
45413	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G05590
45414	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G09550
45415	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G14695
45416	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G14730
45417	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G15910
45418	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G17900
45419	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G22930
45420	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G23900
45421	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G24920

45422	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G26670
45423	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G28510
45424	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G30010
45425	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G32470
45426	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35020
45427	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35490
45428	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G35730
45429	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT4G38160
45430	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G02440
45431	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G02740
45432	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G05690
45433	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13290
45434	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G13560
45435	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G14850
45436	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G15090
45437	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G15680
45438	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G16030
45439	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G16050
45440	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G16060
45441	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G18070
45442	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G18250
45443	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G19875
45444	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G20950
45445	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G22650
45446	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G23140
45447	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G25100
45448	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G25940
45449	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G35160
45450	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G39410
45451	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G39790
45452	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G39800
45453	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G40770
45454	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G45590
45455	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G46150
45456	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G49555
45457	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G50375
45458	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G50810
45459	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G53880
45460	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G54580
45461	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G55140
45462	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G55660
45463	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G56940
45464	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G57490
45465	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G61790
45466	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G62575
45467	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64130
45468	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G64900
45469	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	AT5G65780
45470	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00660
45471	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG00830
45472	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01190
45473	7	F23 vs. S23	S2-3 up	GO:0005739	Metabolism	Bioenergetics	mitochondrion	C	ATMG01370
45474	7	F23 vs. S23	S2-3 up	GO:0007005	Metabolism	Bioenergetics	mitochondrion organization	P	AT5G40770
45475	7	F23 vs. S23	S2-3 up	GO:0051287	Metabolism	Bioenergetics	NAD binding	F	AT4G00570
45476	7	F23 vs. S23	S2-3 up	GO:0008137	Metabolism	Bioenergetics	NADH dehydrogenase (ubiquinone) activity	F	ATCG01070
45477	7	F23 vs. S23	S2-3 up	GO:0030964	Metabolism	Bioenergetics	NADH dehydrogenase complex	C	ATCG01070

45478	7	F23 vs. S23	S2-3 up	GO:0035529	Metabolism	Bioenergetics	NADH pyrophosphatase activity	F	AT4G29690
45479	7	F23 vs. S23	S2-3 up	GO:0050661	Metabolism	Bioenergetics	NADP binding	F	AT5G25620
45480	7	F23 vs. S23	S2-3 up	GO:0003959	Metabolism	Bioenergetics	NADPH dehydrogenase activity	F	ATCG01070
45481	7	F23 vs. S23	S2-3 up	GO:0031588	Metabolism	Bioenergetics	nucleotide-activated protein kinase complex	C	AT5G21170
45482	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT1G76680
45483	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G55360
45484	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT3G56460
45485	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G12420
45486	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT4G22010
45487	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G39410
45488	7	F23 vs. S23	S2-3 up	GO:0016491	Metabolism	Bioenergetics	oxidoreductase activity	F	AT5G65930
45489	7	F23 vs. S23	S2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT5G05690
45490	7	F23 vs. S23	S2-3 up	GO:0016705	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	F	AT5G24910
45491	7	F23 vs. S23	S2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT3G25180
45492	7	F23 vs. S23	S2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G36380
45493	7	F23 vs. S23	S2-3 up	GO:0016709	Metabolism	Bioenergetics	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen	F	AT4G37320
45494	7	F23 vs. S23	S2-3 up	GO:0001405	Metabolism	Bioenergetics	PAM complex, Tim23 associated import motor	C	AT2G35795
45495	7	F23 vs. S23	S2-3 up	GO:0006098	Metabolism	Bioenergetics	pentose-phosphate shunt	P	AT2G01140
45496	7	F23 vs. S23	S2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT3G49360
45497	7	F23 vs. S23	S2-3 up	GO:0009051	Metabolism	Bioenergetics	pentose-phosphate shunt, oxidative branch	P	AT5G24420
45498	7	F23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G14450
45499	7	F23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT1G49140
45500	7	F23 vs. S23	S2-3 up	GO:0009853	Metabolism	Bioenergetics	photorespiration	P	AT2G31490
45501	7	F23 vs. S23	S2-3 up	GO:0045272	Metabolism	Bioenergetics	plasma membrane respiratory chain complex I	C	ATCG01070
45502	7	F23 vs. S23	S2-3 up	GO:0010636	Metabolism	Bioenergetics	positive regulation of mitochondrial fusion	P	AT3G52140
45503	7	F23 vs. S23	S2-3 up	GO:1902600	Metabolism	Bioenergetics	proton transmembrane transport	P	AT5G55290
45504	7	F23 vs. S23	S2-3 up	GO:0046933	Metabolism	Bioenergetics	proton-transporting ATP synthase activity, rotational mechanism	F	ATMG01190
45505	7	F23 vs. S23	S2-3 up	GO:0045261	Metabolism	Bioenergetics	proton-transporting ATP synthase complex, catalytic core F(1)	C	ATMG01190
45506	7	F23 vs. S23	S2-3 up	GO:0033179	Metabolism	Bioenergetics	proton-transporting V-type ATPase, V0 domain	C	AT5G55290
45507	7	F23 vs. S23	S2-3 up	GO:0006090	Metabolism	Bioenergetics	pyruvate metabolic process	P	AT4G00570
45508	7	F23 vs. S23	S2-3 up	GO:0043457	Metabolism	Bioenergetics	regulation of cellular respiration	P	AT4G38680
45509	7	F23 vs. S23	S2-3 up	GO:0010821	Metabolism	Bioenergetics	regulation of mitochondrion organization	P	AT1G18600
45510	7	F23 vs. S23	S2-3 up	GO:0010581	Metabolism	Bioenergetics	regulation of starch biosynthetic process	P	AT5G39790
45511	7	F23 vs. S23	S2-3 up	GO:0070469	Metabolism	Bioenergetics	respirasome	C	AT1G15120
45512	7	F23 vs. S23	S2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	AT1G14450
45513	7	F23 vs. S23	S2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	AT1G49140
45514	7	F23 vs. S23	S2-3 up	GO:0045271	Metabolism	Bioenergetics	respiratory chain complex I	C	AT2G31490
45515	7	F23 vs. S23	S2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT2G46390
45516	7	F23 vs. S23	S2-3 up	GO:0045273	Metabolism	Bioenergetics	respiratory chain complex II	C	AT5G62575
45517	7	F23 vs. S23	S2-3 up	GO:0001401	Metabolism	Bioenergetics	SAM complex	C	AT3G46740
45518	7	F23 vs. S23	S2-3 up	GO:2001070	Metabolism	Bioenergetics	starch binding	F	AT3G55760
45519	7	F23 vs. S23	S2-3 up	GO:2001070	Metabolism	Bioenergetics	starch binding	F	AT5G39790
45520	7	F23 vs. S23	S2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT3G58560

45521	7	F23 vs. S23	S2-3 up	GO:0019252	Metabolism	Bioenergetics	starch biosynthetic process	P	AT5G39790
45522	7	F23 vs. S23	S2-3 up	GO:0005983	Metabolism	Bioenergetics	starch catabolic process	P	AT5G64860
45523	7	F23 vs. S23	S2-3 up	GO:0043036	Metabolism	Bioenergetics	starch grain	C	AT3G55760
45524	7	F23 vs. S23	S2-3 up	GO:0005982	Metabolism	Bioenergetics	starch metabolic process	P	AT3G55760
45525	7	F23 vs. S23	S2-3 up	GO:0005982	Metabolism	Bioenergetics	starch metabolic process	P	AT5G49190
45526	7	F23 vs. S23	S2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT1G04920
45527	7	F23 vs. S23	S2-3 up	GO:0005986	Metabolism	Bioenergetics	sucrose biosynthetic process	P	AT3G58560
45528	7	F23 vs. S23	S2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT4G33950
45529	7	F23 vs. S23	S2-3 up	GO:0005985	Metabolism	Bioenergetics	sucrose metabolic process	P	AT5G49190
45530	7	F23 vs. S23	S2-3 up	GO:0016157	Metabolism	Bioenergetics	sucrose synthase activity	F	AT1G04920
45531	7	F23 vs. S23	S2-3 up	GO:0016157	Metabolism	Bioenergetics	sucrose synthase activity	F	AT5G49190
45532	7	F23 vs. S23	S2-3 up	GO:0046524	Metabolism	Bioenergetics	sucrose-phosphate synthase activity	F	AT1G04920
45533	7	F23 vs. S23	S2-3 up	GO:0005744	Metabolism	Bioenergetics	TIM23 mitochondrial import inner membrane translocase complex	C	AT1G27390
45534	7	F23 vs. S23	S2-3 up	GO:0019166	Metabolism	Bioenergetics	trans-2-enoyl-CoA reductase (NADPH) activity	F	AT3G55360
45535	7	F23 vs. S23	S2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT2G46390
45536	7	F23 vs. S23	S2-3 up	GO:0006099	Metabolism	Bioenergetics	tricarboxylic acid cycle	P	AT5G62575
45537	7	F23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT1G15120
45538	7	F23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT2G01090
45539	7	F23 vs. S23	S2-3 up	GO:0008121	Metabolism	Bioenergetics	ubiquinol-cytochrome-c reductase activity	F	AT4G32470
45540	7	F23 vs. S23	S2-3 up	GO:0006744	Metabolism	Bioenergetics	ubiquinone biosynthetic process	P	ATCG01070
45541	7	F23 vs. S23	S2-3 up	GO:0006636	Metabolism	Bioenergetics	unsaturated fatty acid biosynthetic process	P	AT4G33950
45542	7	F23 vs. S23	S2-3 up	GO:0042761	Metabolism	Bioenergetics	very long-chain fatty acid biosynthetic process	P	AT3G55360
45543	7	F23 vs. S23	S2-3 up	GO:0102756	Metabolism	Bioenergetics	very-long-chain 3-ketoacyl-CoA synthase activity	F	AT2G26640
45544	7	F23 vs. S23	S2-3 up	GO:0102758	Metabolism	Bioenergetics	very-long-chain enoyl-CoA reductase activity	F	AT3G55360
45545	7	F23 vs. S23	S2-3 up	GO:0006168	Metabolism	Catabolism	adenine salvage	P	AT4G22570
45546	7	F23 vs. S23	S2-3 up	GO:0043448	Metabolism	Catabolism	alkane catabolic process	P	AT1G54500
45547	7	F23 vs. S23	S2-3 up	GO:0005776	Metabolism	Catabolism	autophagosome	C	AT2G45170
45548	7	F23 vs. S23	S2-3 up	GO:0000045	Metabolism	Catabolism	autophagosome assembly	P	AT5G49540
45549	7	F23 vs. S23	S2-3 up	GO:0000421	Metabolism	Catabolism	autophagosome membrane	C	AT2G45170
45550	7	F23 vs. S23	S2-3 up	GO:0006914	Metabolism	Catabolism	autophagy	P	AT1G17730
45551	7	F23 vs. S23	S2-3 up	GO:0006914	Metabolism	Catabolism	autophagy	P	AT2G45170
45552	7	F23 vs. S23	S2-3 up	GO:0009083	Metabolism	Catabolism	branched-chain amino acid catabolic process	P	AT1G55510
45553	7	F23 vs. S23	S2-3 up	GO:0008219	Metabolism	Catabolism	cell death	P	AT3G55830
45554	7	F23 vs. S23	S2-3 up	GO:0008219	Metabolism	Catabolism	cell death	P	AT4G33430
45555	7	F23 vs. S23	S2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G02800
45556	7	F23 vs. S23	S2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT1G70710
45557	7	F23 vs. S23	S2-3 up	GO:0030245	Metabolism	Catabolism	cellulose catabolic process	P	AT4G02290
45558	7	F23 vs. S23	S2-3 up	GO:0031462	Metabolism	Catabolism	Cul2-RING ubiquitin ligase complex	C	AT5G20570
45559	7	F23 vs. S23	S2-3 up	GO:0031463	Metabolism	Catabolism	Cul3-RING ubiquitin ligase complex	C	AT5G20570
45560	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT1G19485
45561	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT1G49910
45562	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT2G16780
45563	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT2G34260
45564	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT3G49180
45565	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT4G15900
45566	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G07590
45567	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G20570
45568	7	F23 vs. S23	S2-3 up	GO:0080008	Metabolism	Catabolism	Cul4-RING E3 ubiquitin ligase complex	C	AT5G41560
45569	7	F23 vs. S23	S2-3 up	GO:0031467	Metabolism	Catabolism	Cul7-RING ubiquitin ligase complex	C	AT5G20570
45570	7	F23 vs. S23	S2-3 up	GO:0031461	Metabolism	Catabolism	cullin-RING ubiquitin ligase complex	C	AT4G02570
45571	7	F23 vs. S23	S2-3 up	GO:0031461	Metabolism	Catabolism	cullin-RING ubiquitin ligase complex	C	AT5G20570
45572	7	F23 vs. S23	S2-3 up	GO:0009440	Metabolism	Catabolism	cyanate catabolic process	P	AT3G23490
45573	7	F23 vs. S23	S2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT3G11910
45574	7	F23 vs. S23	S2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G11310
45575	7	F23 vs. S23	S2-3 up	GO:0004197	Metabolism	Catabolism	cysteine-type endopeptidase activity	F	AT4G39910

45576	7	F23 vs. S23	S2-3 up	GO:0000737	Metabolism	Catabolism	DNA catabolic process, endonucleolytic	P	AT3G13170
45577	7	F23 vs. S23	S2-3 up	GO:0000737	Metabolism	Catabolism	DNA catabolic process, endonucleolytic	P	AT5G02820
45578	7	F23 vs. S23	S2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT1G21720
45579	7	F23 vs. S23	S2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT3G60820
45580	7	F23 vs. S23	S2-3 up	GO:0004175	Metabolism	Catabolism	endopeptidase activity	F	AT4G01320
45581	7	F23 vs. S23	S2-3 up	GO:0004521	Metabolism	Catabolism	endoribonuclease activity	F	AT2G27040
45582	7	F23 vs. S23	S2-3 up	GO:0004527	Metabolism	Catabolism	exonuclease activity	F	AT3G46210
45583	7	F23 vs. S23	S2-3 up	GO:0019898	Metabolism	Catabolism	extrinsic component of membrane	C	AT5G65280
45584	7	F23 vs. S23	S2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT1G64405
45585	7	F23 vs. S23	S2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT1G71830
45586	7	F23 vs. S23	S2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT3G60830
45587	7	F23 vs. S23	S2-3 up	GO:0010227	Metabolism	Catabolism	floral organ abscission	P	AT5G62000
45588	7	F23 vs. S23	S2-3 up	GO:0010047	Metabolism	Catabolism	fruit dehiscence	P	AT3G58780
45589	7	F23 vs. S23	S2-3 up	GO:0010047	Metabolism	Catabolism	fruit dehiscence	P	AT5G62000
45590	7	F23 vs. S23	S2-3 up	GO:0033499	Metabolism	Catabolism	galactose catabolic process via UDP-galactose	P	AT3G17940
45591	7	F23 vs. S23	S2-3 up	GO:0019762	Metabolism	Catabolism	glucosinolate catabolic process	P	AT3G16410
45592	7	F23 vs. S23	S2-3 up	GO:0006751	Metabolism	Catabolism	glutathione catabolic process	P	AT1G44790
45593	7	F23 vs. S23	S2-3 up	GO:0019310	Metabolism	Catabolism	inositol catabolic process	P	AT2G19800
45594	7	F23 vs. S23	S2-3 up	GO:0005779	Metabolism	Catabolism	integral component of peroxisomal membrane	C	AT3G61070
45595	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G34190
45596	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G53230
45597	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT1G76680
45598	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT2G31070
45599	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT3G10500
45600	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT4G03550
45601	7	F23 vs. S23	S2-3 up	GO:0010150	Metabolism	Catabolism	leaf senescence	P	AT5G62000
45602	7	F23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT3G05180
45603	7	F23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT4G18970
45604	7	F23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G14180
45605	7	F23 vs. S23	S2-3 up	GO:0016042	Metabolism	Catabolism	lipid catabolic process	P	AT5G15720
45606	7	F23 vs. S23	S2-3 up	GO:0005764	Metabolism	Catabolism	lysosome	C	AT4G11310
45607	7	F23 vs. S23	S2-3 up	GO:0000025	Metabolism	Catabolism	maltose catabolic process	P	AT5G64860
45608	7	F23 vs. S23	S2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT2G45270
45609	7	F23 vs. S23	S2-3 up	GO:0004222	Metabolism	Catabolism	metalloendopeptidase activity	F	AT4G01320
45610	7	F23 vs. S23	S2-3 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT2G47110
45611	7	F23 vs. S23	S2-3 up	GO:0019941	Metabolism	Catabolism	modification-dependent protein catabolic process	P	AT3G52590
45612	7	F23 vs. S23	S2-3 up	GO:0034053	Metabolism	Catabolism	modulation by symbiont of host defense-related programmed cell death	P	AT3G06110
45613	7	F23 vs. S23	S2-3 up	GO:0006402	Metabolism	Catabolism	mRNA catabolic process	P	AT5G35430
45614	7	F23 vs. S23	S2-3 up	GO:0061157	Metabolism	Catabolism	mRNA destabilization	P	AT2G25900
45615	7	F23 vs. S23	S2-3 up	GO:0043069	Metabolism	Catabolism	negative regulation of programmed cell death	P	AT1G32210
45616	7	F23 vs. S23	S2-3 up	GO:1901565	Metabolism	Catabolism	organonitrogen compound catabolic process	P	AT3G20390
45617	7	F23 vs. S23	S2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G07010
45618	7	F23 vs. S23	S2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT3G53190
45619	7	F23 vs. S23	S2-3 up	GO:0045490	Metabolism	Catabolism	pectin catabolic process	P	AT4G24780
45620	7	F23 vs. S23	S2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT1G08750
45621	7	F23 vs. S23	S2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT1G34640
45622	7	F23 vs. S23	S2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT3G05230
45623	7	F23 vs. S23	S2-3 up	GO:0008233	Metabolism	Catabolism	peptidase activity	F	AT3G06040
45624	7	F23 vs. S23	S2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G44970
45625	7	F23 vs. S23	S2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT1G71695
45626	7	F23 vs. S23	S2-3 up	GO:0004601	Metabolism	Catabolism	peroxidase activity	F	AT2G43350
45627	7	F23 vs. S23	S2-3 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT1G79810
45628	7	F23 vs. S23	S2-3 up	GO:0005778	Metabolism	Catabolism	peroxisomal membrane	C	AT3G61070
45629	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G52410
45630	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT1G79810

45631	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G26730
45632	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G27030
45633	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G27960
45634	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G28740
45635	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT2G30110
45636	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G48140
45637	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G50170
45638	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G56460
45639	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G56490
45640	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G61070
45641	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT3G62050
45642	7	F23 vs. S23	S2-3 up	GO:0005777	Metabolism	Catabolism	peroxisome	C	AT5G58220
45643	7	F23 vs. S23	S2-3 up	GO:0016559	Metabolism	Catabolism	peroxisome fission	P	AT3G61070
45644	7	F23 vs. S23	S2-3 up	GO:0007031	Metabolism	Catabolism	peroxisome organization	P	AT1G79810
45645	7	F23 vs. S23	S2-3 up	GO:0007031	Metabolism	Catabolism	peroxisome organization	P	AT3G61070
45646	7	F23 vs. S23	S2-3 up	GO:0000272	Metabolism	Catabolism	polysaccharide catabolic process	P	AT5G18670
45647	7	F23 vs. S23	S2-3 up	GO:0031593	Metabolism	Catabolism	polyubiquitin modification-dependent protein binding	F	AT1G79650
45648	7	F23 vs. S23	S2-3 up	GO:1900064	Metabolism	Catabolism	positive regulation of peroxisome organization	P	AT2G01450
45649	7	F23 vs. S23	S2-3 up	GO:0032436	Metabolism	Catabolism	positive regulation of proteasomal ubiquitin-dependent protein catabolic process	P	AT5G41560
45650	7	F23 vs. S23	S2-3 up	GO:1904668	Metabolism	Catabolism	positive regulation of ubiquitin protein ligase activity	P	AT4G33260
45651	7	F23 vs. S23	S2-3 up	GO:1904668	Metabolism	Catabolism	positive regulation of ubiquitin protein ligase activity	P	AT5G13840
45652	7	F23 vs. S23	S2-3 up	GO:0006562	Metabolism	Catabolism	proline catabolic process	P	AT3G30775
45653	7	F23 vs. S23	S2-3 up	GO:0010133	Metabolism	Catabolism	proline catabolic process to glutamate	P	AT3G30775
45654	7	F23 vs. S23	S2-3 up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT1G21720
45655	7	F23 vs. S23	S2-3 up	GO:0010498	Metabolism	Catabolism	proteasomal protein catabolic process	P	AT3G60820
45656	7	F23 vs. S23	S2-3 up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT1G21720
45657	7	F23 vs. S23	S2-3 up	GO:0010499	Metabolism	Catabolism	proteasomal ubiquitin-independent protein catabolic process	P	AT3G60820
45658	7	F23 vs. S23	S2-3 up	GO:0043248	Metabolism	Catabolism	proteasome assembly	P	AT1G48170
45659	7	F23 vs. S23	S2-3 up	GO:0070628	Metabolism	Catabolism	proteasome binding	F	AT1G79650
45660	7	F23 vs. S23	S2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G21720
45661	7	F23 vs. S23	S2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G48170
45662	7	F23 vs. S23	S2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT1G79650
45663	7	F23 vs. S23	S2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT3G60820
45664	7	F23 vs. S23	S2-3 up	GO:0000502	Metabolism	Catabolism	proteasome complex	C	AT5G14710
45665	7	F23 vs. S23	S2-3 up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT1G21720
45666	7	F23 vs. S23	S2-3 up	GO:0005839	Metabolism	Catabolism	proteasome core complex	C	AT3G60820
45667	7	F23 vs. S23	S2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G21720
45668	7	F23 vs. S23	S2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT1G79650
45669	7	F23 vs. S23	S2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT3G18860
45670	7	F23 vs. S23	S2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT3G60820
45671	7	F23 vs. S23	S2-3 up	GO:0043161	Metabolism	Catabolism	proteasome-mediated ubiquitin-dependent protein catabolic process	P	AT5G42990
45672	7	F23 vs. S23	S2-3 up	GO:0016558	Metabolism	Catabolism	protein import into peroxisome matrix	P	AT1G79810
45673	7	F23 vs. S23	S2-3 up	GO:0070534	Metabolism	Catabolism	protein K63-linked ubiquitination	P	AT1G70660
45674	7	F23 vs. S23	S2-3 up	GO:0006513	Metabolism	Catabolism	protein monoubiquitination	P	AT1G79810
45675	7	F23 vs. S23	S2-3 up	GO:0000209	Metabolism	Catabolism	protein polyubiquitination	P	AT3G55380

45676	7	F23 vs. S23	S2-3 up	GO:0043328	Metabolism	Catabolism	protein transport to vacuole involved in ubiquitin-dependent protein catabolic process via the multivesicular body sorting pathway	P	AT2G38410
45677	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G14260
45678	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT1G64230
45679	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G28840
45680	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G30110
45681	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G30600
45682	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G45950
45683	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT2G47110
45684	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G06140
45685	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G20060
45686	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G26810
45687	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT3G52590
45688	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G02570
45689	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G10925
45690	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G15900
45691	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT4G33260
45692	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G13840
45693	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G20570
45694	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G42190
45695	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G42990
45696	7	F23 vs. S23	S2-3 up	GO:0016567	Metabolism	Catabolism	protein ubiquitination	P	AT5G50870
45697	7	F23 vs. S23	S2-3 up	GO:0032991	Metabolism	Catabolism	protein-containing complex	C	AT2G17410
45698	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G08750
45699	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT1G18600
45700	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G19170
45701	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT2G23010
45702	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G02070
45703	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT3G06040
45704	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G01320
45705	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT4G15900
45706	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G13520
45707	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G20520
45708	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G51750
45709	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	AT5G59120
45710	7	F23 vs. S23	S2-3 up	GO:0006508	Metabolism	Catabolism	proteolysis	P	ATCG00670
45711	7	F23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT1G28110
45712	7	F23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT4G11310
45713	7	F23 vs. S23	S2-3 up	GO:0051603	Metabolism	Catabolism	proteolysis involved in cellular protein catabolic process	P	AT5G08260
45714	7	F23 vs. S23	S2-3 up	GO:0006166	Metabolism	Catabolism	purine ribonucleoside salvage	P	AT4G22570
45715	7	F23 vs. S23	S2-3 up	GO:0019365	Metabolism	Catabolism	pyridine nucleotide salvage	P	AT2G22570
45716	7	F23 vs. S23	S2-3 up	GO:0044375	Metabolism	Catabolism	regulation of peroxisome size	P	AT3G61070
45717	7	F23 vs. S23	S2-3 up	GO:0043067	Metabolism	Catabolism	regulation of programmed cell death	P	AT1G21750
45718	7	F23 vs. S23	S2-3 up	GO:0043067	Metabolism	Catabolism	regulation of programmed cell death	P	AT2G12290
45719	7	F23 vs. S23	S2-3 up	GO:0032434	Metabolism	Catabolism	regulation of proteasomal ubiquitin-dependent protein catabolic process	P	AT3G46220
45720	7	F23 vs. S23	S2-3 up	GO:0016075	Metabolism	Catabolism	rRNA catabolic process	P	AT3G46210
45721	7	F23 vs. S23	S2-3 up	GO:0010265	Metabolism	Catabolism	SCF complex assembly	P	AT4G02570
45722	7	F23 vs. S23	S2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT2G45950
45723	7	F23 vs. S23	S2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G20570

45724	7	F23 vs. S23	S2-3 up	GO:0031146	Metabolism	Catabolism	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	P	AT5G42190
45725	7	F23 vs. S23	S2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT1G28110
45726	7	F23 vs. S23	S2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT2G23010
45727	7	F23 vs. S23	S2-3 up	GO:0004185	Metabolism	Catabolism	serine-type carboxypeptidase activity	F	AT5G08260
45728	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G11750
45729	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G18600
45730	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT1G49970
45731	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT2G19170
45732	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G23140
45733	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G51750
45734	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	AT5G59120
45735	7	F23 vs. S23	S2-3 up	GO:0004252	Metabolism	Catabolism	serine-type endopeptidase activity	F	ATCG00670
45736	7	F23 vs. S23	S2-3 up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT1G21720
45737	7	F23 vs. S23	S2-3 up	GO:0004298	Metabolism	Catabolism	threonine-type endopeptidase activity	F	AT3G60820
45738	7	F23 vs. S23	S2-3 up	GO:0004839	Metabolism	Catabolism	ubiquitin activating enzyme activity	F	AT2G30110
45739	7	F23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT1G49910
45740	7	F23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT1G79650
45741	7	F23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G27960
45742	7	F23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G27970
45743	7	F23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT2G38410
45744	7	F23 vs. S23	S2-3 up	GO:0043130	Metabolism	Catabolism	ubiquitin binding	F	AT3G18860
45745	7	F23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G64230
45746	7	F23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT1G70660
45747	7	F23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT3G20060
45748	7	F23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT3G55380
45749	7	F23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT5G42990
45750	7	F23 vs. S23	S2-3 up	GO:0061631	Metabolism	Catabolism	ubiquitin conjugating enzyme activity	F	AT5G50870
45751	7	F23 vs. S23	S2-3 up	GO:0000151	Metabolism	Catabolism	ubiquitin ligase complex	C	AT4G02570
45752	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT1G17970
45753	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT2G34940
45754	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT2G45950
45755	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G06140
45756	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT3G60080
45757	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G20570
45758	7	F23 vs. S23	S2-3 up	GO:0061630	Metabolism	Catabolism	ubiquitin protein ligase activity	F	AT5G42190
45759	7	F23 vs. S23	S2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT2G47110
45760	7	F23 vs. S23	S2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT3G52590
45761	7	F23 vs. S23	S2-3 up	GO:0031625	Metabolism	Catabolism	ubiquitin protein ligase binding	F	AT4G02570
45762	7	F23 vs. S23	S2-3 up	GO:0010992	Metabolism	Catabolism	ubiquitin recycling	P	AT3G18860
45763	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G21720
45764	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT1G64230
45765	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G30110
45766	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G34940
45767	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT2G47110
45768	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G11910
45769	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G20060
45770	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G55380
45771	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G60080
45772	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT3G60820
45773	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G02570
45774	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G38930
45775	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT4G39910
45776	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G20570
45777	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G42190
45778	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G42990

45779	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G50870
45780	7	F23 vs. S23	S2-3 up	GO:0006511	Metabolism	Catabolism	ubiquitin-dependent protein catabolic process	P	AT5G59140
45781	7	F23 vs. S23	S2-3 up	GO:0044389	Metabolism	Catabolism	ubiquitin-like protein ligase binding	F	AT2G32765
45782	7	F23 vs. S23	S2-3 up	GO:0044389	Metabolism	Catabolism	ubiquitin-like protein ligase binding	F	AT4G26840
45783	7	F23 vs. S23	S2-3 up	GO:0044389	Metabolism	Catabolism	ubiquitin-like protein ligase binding	F	AT5G55160
45784	7	F23 vs. S23	S2-3 up	GO:0097027	Metabolism	Catabolism	ubiquitin-protein transferase activator activity	F	AT4G33260
45785	7	F23 vs. S23	S2-3 up	GO:0097027	Metabolism	Catabolism	ubiquitin-protein transferase activator activity	F	AT5G13840
45786	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G14260
45787	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G55250
45788	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G64230
45789	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G70660
45790	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT1G79810
45791	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT2G12290
45792	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT2G30110
45793	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G06140
45794	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G20060
45795	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT3G55380
45796	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G50870
45797	7	F23 vs. S23	S2-3 up	GO:0004842	Metabolism	Catabolism	ubiquitin-protein transferase activity	F	AT5G59140
45798	7	F23 vs. S23	S2-3 up	GO:0019628	Metabolism	Catabolism	urate catabolic process	P	AT5G58220
45799	7	F23 vs. S23	S2-3 up	GO:0097008	Metabolism	Metabolism	(3E)-4,8-dimethyl-1,3,7-nonatriene synthase activity	F	AT3G25180
45800	7	F23 vs. S23	S2-3 up	GO:0009257	Metabolism	Metabolism	10-formyltetrahydrofolate biosynthetic process	P	AT1G50480
45801	7	F23 vs. S23	S2-3 up	GO:0016629	Metabolism	Metabolism	12-oxophytodienoate reductase activity	F	AT1G76680
45802	7	F23 vs. S23	S2-3 up	GO:0080179	Metabolism	Metabolism	1-methylguanosine metabolic process	P	AT5G47680
45803	7	F23 vs. S23	S2-3 up	GO:0051537	Metabolism	Metabolism	2 iron, 2 sulfur cluster binding	F	AT1G08060
45804	7	F23 vs. S23	S2-3 up	GO:0051997	Metabolism	Metabolism	2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline decarboxylase activity	F	AT5G58220
45805	7	F23 vs. S23	S2-3 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT2G31970
45806	7	F23 vs. S23	S2-3 up	GO:0008408	Metabolism	Metabolism	3'-5' exonuclease activity	F	AT5G07710
45807	7	F23 vs. S23	S2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT1G31500
45808	7	F23 vs. S23	S2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT2G26970
45809	7	F23 vs. S23	S2-3 up	GO:0000175	Metabolism	Metabolism	3'-5'-exoribonuclease activity	F	AT3G58560
45810	7	F23 vs. S23	S2-3 up	GO:0003863	Metabolism	Metabolism	3-methyl-2-oxobutanoate dehydrogenase (2-methylpropanoyl-transferring) activity	F	AT1G55510
45811	7	F23 vs. S23	S2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT1G50170
45812	7	F23 vs. S23	S2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT3G55390
45813	7	F23 vs. S23	S2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G04560
45814	7	F23 vs. S23	S2-3 up	GO:0051539	Metabolism	Metabolism	4 iron, 4 sulfur cluster binding	F	AT5G18400
45815	7	F23 vs. S23	S2-3 up	GO:0097007	Metabolism	Metabolism	4,8,12-trimethyltrideca-1,3,7,11-tetraene synthase activity	F	AT3G25180
45816	7	F23 vs. S23	S2-3 up	GO:0004134	Metabolism	Metabolism	4-alpha-glucanotransferase activity	F	AT5G64860
45817	7	F23 vs. S23	S2-3 up	GO:0017108	Metabolism	Metabolism	5'-flap endonuclease activity	F	AT3G05210
45818	7	F23 vs. S23	S2-3 up	GO:0006015	Metabolism	Metabolism	5-phosphoribose 1-diphosphate biosynthetic process	P	AT2G42910
45819	7	F23 vs. S23	S2-3 up	GO:0017057	Metabolism	Metabolism	6-phosphogluconolactonase activity	F	AT3G49360
45820	7	F23 vs. S23	S2-3 up	GO:0017057	Metabolism	Metabolism	6-phosphogluconolactonase activity	F	AT5G24420
45821	7	F23 vs. S23	S2-3 up	GO:0008375	Metabolism	Metabolism	acetylglucosaminyltransferase activity	F	AT1G11940
45822	7	F23 vs. S23	S2-3 up	GO:0003779	Metabolism	Metabolism	actin binding	F	AT1G20450
45823	7	F23 vs. S23	S2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT3G55770
45824	7	F23 vs. S23	S2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT4G33200
45825	7	F23 vs. S23	S2-3 up	GO:0051015	Metabolism	Metabolism	actin filament binding	F	AT5G65930
45826	7	F23 vs. S23	S2-3 up	GO:0051017	Metabolism	Metabolism	actin filament bundle assembly	P	AT3G55770
45827	7	F23 vs. S23	S2-3 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT4G33200
45828	7	F23 vs. S23	S2-3 up	GO:0007015	Metabolism	Metabolism	actin filament organization	P	AT4G35020
45829	7	F23 vs. S23	S2-3 up	GO:0030041	Metabolism	Metabolism	actin filament polymerization	P	AT5G56600
45830	7	F23 vs. S23	S2-3 up	GO:0030048	Metabolism	Metabolism	actin filament-based movement	P	AT4G33200

45831	7	F23 vs. S23	S2-3 up	GO:0003785	Metabolism	Metabolism	actin monomer binding	F	AT5G56600
45832	7	F23 vs. S23	S2-3 up	GO:0003999	Metabolism	Metabolism	adenine phosphoribosyltransferase activity	F	AT4G22570
45833	7	F23 vs. S23	S2-3 up	GO:0004017	Metabolism	Metabolism	adenylate kinase activity	F	AT2G31970
45834	7	F23 vs. S23	S2-3 up	GO:0047627	Metabolism	Metabolism	adenylylsulfatase activity	F	AT3G56490
45835	7	F23 vs. S23	S2-3 up	GO:0004034	Metabolism	Metabolism	aldose 1-epimerase activity	F	AT3G17940
45836	7	F23 vs. S23	S2-3 up	GO:0052595	Metabolism	Metabolism	aliphatic-amine oxidase activity	F	AT1G62810
45837	7	F23 vs. S23	S2-3 up	GO:0019428	Metabolism	Metabolism	allantoin biosynthetic process	P	AT5G58220
45838	7	F23 vs. S23	S2-3 up	GO:0003826	Metabolism	Metabolism	alpha-ketoacid dehydrogenase activity	F	AT1G55510
45839	7	F23 vs. S23	S2-3 up	GO:0009308	Metabolism	Metabolism	amine metabolic process	P	AT1G62810
45840	7	F23 vs. S23	S2-3 up	GO:0052594	Metabolism	Metabolism	aminoacetone:oxygen oxidoreductase(deaminating) activity	F	AT1G62810
45841	7	F23 vs. S23	S2-3 up	GO:0016208	Metabolism	Metabolism	AMP binding	F	AT5G14680
45842	7	F23 vs. S23	S2-3 up	GO:0044209	Metabolism	Metabolism	AMP salvage	P	AT4G22570
45843	7	F23 vs. S23	S2-3 up	GO:0042868	Metabolism	Metabolism	antisense RNA metabolic process	P	AT1G17760
45844	7	F23 vs. S23	S2-3 up	GO:0010405	Metabolism	Metabolism	arabinogalactan protein metabolic process	P	AT1G27120
45845	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G02520
45846	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G08060
45847	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G14980
45848	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G20650
45849	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G20930
45850	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G21690
45851	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G27770
45852	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G31420
45853	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50240
45854	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G50480
45855	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G51460
45856	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G53440
45857	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G54510
45858	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G59990
45859	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G63640
45860	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G63700
45861	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G64230
45862	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G66750
45863	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G71830
45864	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G76540
45865	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT1G79050
45866	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G01450
45867	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G06200
45868	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G13610
45869	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G18170
45870	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G26330
45871	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G26730
45872	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G30110
45873	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31800
45874	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G31970
45875	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G35620
45876	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G38620
45877	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G42910
45878	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT2G47680
45879	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G02880
45880	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G04810
45881	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G06030
45882	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G07980
45883	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G08680
45884	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G12670
45885	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G13170

45886	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G13670
45887	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G16060
45888	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G20060
45889	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G23150
45890	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G23670
45891	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G23890
45892	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G24550
45893	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G27870
45894	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G47580
45895	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G49670
45896	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G50950
45897	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55010
45898	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G55380
45899	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT3G56370
45900	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G00570
45901	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G02060
45902	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G13020
45903	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G14680
45904	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G21270
45905	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G23900
45906	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G26610
45907	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G29910
45908	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G32830
45909	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G32840
45910	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G33200
45911	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G33430
45912	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G33950
45913	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G34910
45914	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT4G36180
45915	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G01020
45916	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G02820
45917	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G07180
45918	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G10020
45919	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G13290
45920	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G14640
45921	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G16050
45922	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G16590
45923	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G19450
45924	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G21170
45925	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G26710
45926	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G42990
45927	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G48600
45928	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G50860
45929	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G50870
45930	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G52860
45931	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G56580
45932	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G58140
45933	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G62410
45934	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G63120
45935	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G65930
45936	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	AT5G67200
45937	7	F23 vs. S23	S2-3 up	GO:0005524	Metabolism	Metabolism	ATP binding	F	ATMG01190
45938	7	F23 vs. S23	S2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT1G11750
45939	7	F23 vs. S23	S2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT1G49970
45940	7	F23 vs. S23	S2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	AT5G23140
45941	7	F23 vs. S23	S2-3 up	GO:0004176	Metabolism	Metabolism	ATP-dependent peptidase activity	F	ATCG00670

45942	7	F23 vs. S23	S2-3 up	GO:0008422	Metabolism	Metabolism	beta-glucosidase activity	F	AT5G20950
45943	7	F23 vs. S23	S2-3 up	GO:0102500	Metabolism	Metabolism	beta-maltose 4-alpha-glucanotransferase activity	F	AT5G64860
45944	7	F23 vs. S23	S2-3 up	GO:0048487	Metabolism	Metabolism	beta-tubulin binding	F	AT3G50960
45945	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G02160
45946	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G03860
45947	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G06010
45948	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G08580
45949	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12090
45950	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G12810
45951	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14300
45952	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14570
45953	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G14620
45954	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G18650
45955	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G18850
45956	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G20430
45957	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21830
45958	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G21930
45959	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G31335
45960	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G33810
45961	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G43760
45962	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47813
45963	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G47970
45964	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G48110
45965	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G51200
45966	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G55360
45967	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G56090
45968	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G56320
45969	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G57540
45970	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G61450
45971	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G62500
45972	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G64050
45973	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G65270
45974	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G67910
45975	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G69295
45976	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G69840
45977	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G70350
45978	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G72020
45979	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G75730
45980	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G76950
45981	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G78780
45982	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G79420
45983	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G80040
45984	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT1G80700
45985	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G15000
45986	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G15960
45987	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G17240
45988	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G19180
45989	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G20820
45990	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G21160
45991	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G24830
45992	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G27775
45993	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G35790
45994	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G38160
45995	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G42110
45996	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G42310
45997	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT2G46490

45998	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G01740
45999	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G02640
46000	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G03590
46001	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G07440
46002	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G07580
46003	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G15630
46004	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G17160
46005	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G19540
46006	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G21100
46007	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G22540
46008	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G22970
46009	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G23900
46010	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G26510
46011	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G26932
46012	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G32930
46013	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G44280
46014	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G45050
46015	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G46430
46016	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G47836
46017	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G48440
46018	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50170
46019	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G50350
46020	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G52110
46021	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G53320
46022	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G56590
46023	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G59840
46024	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT3G62920
46025	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G00820
46026	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G01960
46027	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G04630
46028	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G08310
46029	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G09830
46030	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G10810
46031	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G12790
46032	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G13070
46033	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G15790
46034	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G16140
46035	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G17790
46036	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G17900
46037	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G23040
46038	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G23540
46039	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G24930
46040	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G26130
46041	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28240
46042	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28300
46043	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G28820
46044	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G29030
46045	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G30010
46046	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G32330
46047	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G34080
46048	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G34560
46049	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT4G37090
46050	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G02440
46051	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G02740
46052	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G04080
46053	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G06590

46054	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G06630
46055	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G07590
46056	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G09270
46057	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G09960
46058	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G11500
46059	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G13090
46060	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G13460
46061	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G13560
46062	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G14540
46063	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G14710
46064	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G16030
46065	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G16060
46066	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G16110
46067	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G16280
46068	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G16950
46069	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G17160
46070	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G18250
46071	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G20885
46072	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G21070
46073	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G22580
46074	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G24570
46075	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G24890
46076	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G25570
46077	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G26610
46078	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G26850
46079	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G37340
46080	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G39600
46081	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G40980
46082	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G42470
46083	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G43880
46084	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G47020
46085	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G47310
46086	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G49550
46087	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G50840
46088	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G51840
46089	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G51960
46090	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G53620
46091	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G53880
46092	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G54970
46093	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G55040
46094	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G60150
46095	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G60680
46096	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G62170
46097	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G62580
46098	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	AT5G64870
46099	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	ATMG00660
46100	7	F23 vs. S23	S2-3 up	GO:0008150	Metabolism	Metabolism	biological_process	P	ATMG01370
46101	7	F23 vs. S23	S2-3 up	GO:0009058	Metabolism	Metabolism	biosynthetic process	P	AT1G77670
46102	7	F23 vs. S23	S2-3 up	GO:0009374	Metabolism	Metabolism	biotin binding	F	AT5G16390
46103	7	F23 vs. S23	S2-3 up	GO:0009082	Metabolism	Metabolism	branched-chain amino acid biosynthetic process	P	AT3G20390
46104	7	F23 vs. S23	S2-3 up	GO:0004084	Metabolism	Metabolism	branched-chain-amino-acid transaminase activity	F	AT5G65780
46105	7	F23 vs. S23	S2-3 up	GO:0004180	Metabolism	Metabolism	carboxypeptidase activity	F	AT3G54720
46106	7	F23 vs. S23	S2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT4G24350
46107	7	F23 vs. S23	S2-3 up	GO:0003824	Metabolism	Metabolism	catalytic activity	F	AT5G65280
46108	7	F23 vs. S23	S2-3 up	GO:0003881	Metabolism	Metabolism	CDP-diacylglycerol-inositol 3-phosphatidyltransferase activity	F	AT1G68000

46109	7	F23 vs. S23	S2-3 up	GO:0034622	Metabolism	Metabolism	cellular protein-containing complex assembly	P	AT3G46740
46110	7	F23 vs. S23	S2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G02800
46111	7	F23 vs. S23	S2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT1G70710
46112	7	F23 vs. S23	S2-3 up	GO:0008810	Metabolism	Metabolism	cellulase activity	F	AT4G02290
46113	7	F23 vs. S23	S2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT1G02730
46114	7	F23 vs. S23	S2-3 up	GO:0030244	Metabolism	Metabolism	cellulose biosynthetic process	P	AT1G31420
46115	7	F23 vs. S23	S2-3 up	GO:0016760	Metabolism	Metabolism	cellulose synthase (UDP-forming) activity	F	AT1G02730
46116	7	F23 vs. S23	S2-3 up	GO:0034080	Metabolism	Metabolism	CENP-A containing nucleosome assembly	P	AT4G09550
46117	7	F23 vs. S23	S2-3 up	GO:0008061	Metabolism	Metabolism	chitin binding	F	AT4G01040
46118	7	F23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT1G20693
46119	7	F23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT2G17560
46120	7	F23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT2G27040
46121	7	F23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT2G40550
46122	7	F23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT3G25100
46123	7	F23 vs. S23	S2-3 up	GO:0003682	Metabolism	Metabolism	chromatin binding	F	AT4G26630
46124	7	F23 vs. S23	S2-3 up	GO:0009236	Metabolism	Metabolism	cobalamin biosynthetic process	P	AT1G50170
46125	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G14980
46126	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G50480
46127	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT1G62810
46128	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT2G33740
46129	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT3G55010
46130	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G12420
46131	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT4G22010
46132	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	AT5G49555
46133	7	F23 vs. S23	S2-3 up	GO:0005507	Metabolism	Metabolism	copper ion binding	F	ATMG01190
46134	7	F23 vs. S23	S2-3 up	GO:0006241	Metabolism	Metabolism	CTP biosynthetic process	P	AT3G12670
46135	7	F23 vs. S23	S2-3 up	GO:0006241	Metabolism	Metabolism	CTP biosynthetic process	P	AT4G23900
46136	7	F23 vs. S23	S2-3 up	GO:0003883	Metabolism	Metabolism	CTP synthase activity	F	AT3G12670
46137	7	F23 vs. S23	S2-3 up	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT2G45950
46138	7	F23 vs. S23	S2-3 up	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT5G20570
46139	7	F23 vs. S23	S2-3 up	GO:0097602	Metabolism	Metabolism	cullin family protein binding	F	AT5G42190
46140	7	F23 vs. S23	S2-3 up	GO:0008824	Metabolism	Metabolism	cyanate hydratase activity	F	AT3G23490
46141	7	F23 vs. S23	S2-3 up	GO:0047793	Metabolism	Metabolism	cycloeucalenol cycloisomerase activity	F	AT5G50375
46142	7	F23 vs. S23	S2-3 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT2G38730
46143	7	F23 vs. S23	S2-3 up	GO:0016018	Metabolism	Metabolism	cyclosporin A binding	F	AT4G34870
46144	7	F23 vs. S23	S2-3 up	GO:0044210	Metabolism	Metabolism	'de novo' CTP biosynthetic process	P	AT3G12670
46145	7	F23 vs. S23	S2-3 up	GO:0042351	Metabolism	Metabolism	'de novo' GDP-L-fucose biosynthetic process	P	AT3G51160
46146	7	F23 vs. S23	S2-3 up	GO:0006189	Metabolism	Metabolism	'de novo' IMP biosynthetic process	P	AT3G55010
46147	7	F23 vs. S23	S2-3 up	GO:0006207	Metabolism	Metabolism	'de novo' pyrimidine nucleobase biosynthetic process	P	AT4G22930
46148	7	F23 vs. S23	S2-3 up	GO:0044205	Metabolism	Metabolism	'de novo' UMP biosynthetic process	P	AT4G22930
46149	7	F23 vs. S23	S2-3 up	GO:0019239	Metabolism	Metabolism	deaminase activity	F	AT3G20390
46150	7	F23 vs. S23	S2-3 up	GO:0009704	Metabolism	Metabolism	de-etiolation	P	AT4G37470
46151	7	F23 vs. S23	S2-3 up	GO:0004151	Metabolism	Metabolism	dihydroorotase activity	F	AT4G22930
46152	7	F23 vs. S23	S2-3 up	GO:0051213	Metabolism	Metabolism	dioxygenase activity	F	AT4G20400
46153	7	F23 vs. S23	S2-3 up	GO:0008239	Metabolism	Metabolism	dipeptidyl-peptidase activity	F	AT1G79690
46154	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G07090
46155	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G18400
46156	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G20693
46157	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G23420
46158	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G24260
46159	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G27360
46160	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G43850
46161	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G47870
46162	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G51200
46163	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT1G71260

46164	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G01060
46165	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G17560
46166	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G24830
46167	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G25180
46168	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G25900
46169	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G27100
46170	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G27230
46171	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G28740
46172	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G34710
46173	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G37470
46174	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G40030
46175	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G41710
46176	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G42200
46177	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G45190
46178	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT2G47680
46179	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G09735
46180	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G12130
46181	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G13170
46182	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G13810
46183	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G15270
46184	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G22680
46185	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G23490
46186	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G23890
46187	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G45980
46188	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G46030
46189	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G48440
46190	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G57080
46191	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G58780
46192	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT3G60320
46193	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G09960
46194	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G11080
46195	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G18960
46196	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G21710
46197	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G28190
46198	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G35800
46199	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G37750
46200	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT4G38160
46201	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G02820
46202	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G04560
46203	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G05210
46204	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G09240
46205	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G10510
46206	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G10980
46207	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G47370
46208	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G51230
46209	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G55040
46210	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G57390
46211	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G59910
46212	7	F23 vs. S23	S2-3 up	GO:0003677	Metabolism	Metabolism	DNA binding	F	AT5G65360
46213	7	F23 vs. S23	S2-3 up	GO:0019104	Metabolism	Metabolism	DNA N-glycosylase activity	F	AT5G04560
46214	7	F23 vs. S23	S2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT1G80850
46215	7	F23 vs. S23	S2-3 up	GO:0008725	Metabolism	Metabolism	DNA-3-methyladenine glycosylase activity	F	AT3G12710
46216	7	F23 vs. S23	S2-3 up	GO:0019348	Metabolism	Metabolism	dolichol metabolic process	P	AT1G74340
46217	7	F23 vs. S23	S2-3 up	GO:0006488	Metabolism	Metabolism	dolichol-linked oligosaccharide biosynthetic process	P	AT4G16710

46218	7	F23 vs. S23	S2-3 up	GO:0004579	Metabolism	Metabolism	dolichyl-diphosphooligosaccharide-protein glycotransferase activity	F	AT1G32210
46219	7	F23 vs. S23	S2-3 up	GO:0004582	Metabolism	Metabolism	dolichyl-phosphate beta-D-mannosyltransferase activity	F	AT1G48140
46220	7	F23 vs. S23	S2-3 up	GO:0004582	Metabolism	Metabolism	dolichyl-phosphate beta-D-mannosyltransferase activity	F	AT1G74340
46221	7	F23 vs. S23	S2-3 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT2G30620
46222	7	F23 vs. S23	S2-3 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT3G23830
46223	7	F23 vs. S23	S2-3 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT4G38160
46224	7	F23 vs. S23	S2-3 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT4G38680
46225	7	F23 vs. S23	S2-3 up	GO:0003690	Metabolism	Metabolism	double-stranded DNA binding	F	AT5G51340
46226	7	F23 vs. S23	S2-3 up	GO:0003691	Metabolism	Metabolism	double-stranded telomeric DNA binding	F	AT2G31970
46227	7	F23 vs. S23	S2-3 up	GO:0016889	Metabolism	Metabolism	endodeoxyribonuclease activity, producing 3'-phosphomonoesters	F	AT3G13170
46228	7	F23 vs. S23	S2-3 up	GO:0016889	Metabolism	Metabolism	endodeoxyribonuclease activity, producing 3'-phosphomonoesters	F	AT5G02820
46229	7	F23 vs. S23	S2-3 up	GO:0004857	Metabolism	Metabolism	enzyme inhibitor activity	F	AT5G62360
46230	7	F23 vs. S23	S2-3 up	GO:0004301	Metabolism	Metabolism	epoxide hydrolase activity	F	AT5G13520
46231	7	F23 vs. S23	S2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT1G76850
46232	7	F23 vs. S23	S2-3 up	GO:0006887	Metabolism	Metabolism	exocytosis	P	AT3G10380
46233	7	F23 vs. S23	S2-3 up	GO:0071949	Metabolism	Metabolism	FAD binding	F	AT3G30775
46234	7	F23 vs. S23	S2-3 up	GO:0008199	Metabolism	Metabolism	ferric iron binding	F	AT3G56090
46235	7	F23 vs. S23	S2-3 up	GO:0008198	Metabolism	Metabolism	ferrous iron binding	F	AT3G56090
46236	7	F23 vs. S23	S2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT3G56090
46237	7	F23 vs. S23	S2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT4G12420
46238	7	F23 vs. S23	S2-3 up	GO:0004322	Metabolism	Metabolism	ferroxidase activity	F	AT4G22010
46239	7	F23 vs. S23	S2-3 up	GO:0050660	Metabolism	Metabolism	flavin adenine dinucleotide binding	F	AT5G25620
46240	7	F23 vs. S23	S2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT1G76680
46241	7	F23 vs. S23	S2-3 up	GO:0010181	Metabolism	Metabolism	FMN binding	F	AT5G58140
46242	7	F23 vs. S23	S2-3 up	GO:0004329	Metabolism	Metabolism	formate-tetrahydrofolate ligase activity	F	AT1G50480
46243	7	F23 vs. S23	S2-3 up	GO:0006004	Metabolism	Metabolism	fucose metabolic process	P	AT4G24530
46244	7	F23 vs. S23	S2-3 up	GO:0047274	Metabolism	Metabolism	galactinol-sucrose galactosyltransferase activity	F	AT5G20250
46245	7	F23 vs. S23	S2-3 up	GO:0008107	Metabolism	Metabolism	galactoside 2-alpha-L-fucosyltransferase activity	F	AT1G14100
46246	7	F23 vs. S23	S2-3 up	GO:0008378	Metabolism	Metabolism	galactosyltransferase activity	F	AT1G32930
46247	7	F23 vs. S23	S2-3 up	GO:0010393	Metabolism	Metabolism	galacturonan metabolic process	P	AT4G32551
46248	7	F23 vs. S23	S2-3 up	GO:0003839	Metabolism	Metabolism	gamma-glutamylcyclotransferase activity	F	AT1G44790
46249	7	F23 vs. S23	S2-3 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT4G35020
46250	7	F23 vs. S23	S2-3 up	GO:0019003	Metabolism	Metabolism	GDP binding	F	AT4G39520
46251	7	F23 vs. S23	S2-3 up	GO:0008446	Metabolism	Metabolism	GDP-mannose 4,6-dehydratase activity	F	AT3G51160
46252	7	F23 vs. S23	S2-3 up	GO:0019673	Metabolism	Metabolism	GDP-mannose metabolic process	P	AT3G51160
46253	7	F23 vs. S23	S2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT1G47870
46254	7	F23 vs. S23	S2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT2G22840
46255	7	F23 vs. S23	S2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT4G37750
46256	7	F23 vs. S23	S2-3 up	GO:0019760	Metabolism	Metabolism	glucosinolate metabolic process	P	AT5G61590
46257	7	F23 vs. S23	S2-3 up	GO:0046527	Metabolism	Metabolism	glucosyltransferase activity	F	AT1G02730
46258	7	F23 vs. S23	S2-3 up	GO:0016595	Metabolism	Metabolism	glutamate binding	F	AT4G14730
46259	7	F23 vs. S23	S2-3 up	GO:0006662	Metabolism	Metabolism	glycerol ether metabolic process	P	AT3G08710
46260	7	F23 vs. S23	S2-3 up	GO:0006071	Metabolism	Metabolism	glycerol metabolic process	P	AT5G55480
46261	7	F23 vs. S23	S2-3 up	GO:0008889	Metabolism	Metabolism	glycerophosphodiester phosphodiesterase activity	F	AT5G55480
46262	7	F23 vs. S23	S2-3 up	GO:0005960	Metabolism	Metabolism	glycine cleavage complex	C	AT1G32470
46263	7	F23 vs. S23	S2-3 up	GO:0019464	Metabolism	Metabolism	glycine decarboxylation via glycine cleavage system	P	AT1G32470
46264	7	F23 vs. S23	S2-3 up	GO:0009247	Metabolism	Metabolism	glycolipid biosynthetic process	P	AT5G39410
46265	7	F23 vs. S23	S2-3 up	GO:0034203	Metabolism	Metabolism	glycolipid translocation	P	AT5G07630
46266	7	F23 vs. S23	S2-3 up	GO:0032580	Metabolism	Metabolism	Golgi cisterna membrane	C	AT1G14100
46267	7	F23 vs. S23	S2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT1G48140
46268	7	F23 vs. S23	S2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT1G74340

46269	7	F23 vs. S23	S2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT5G14850
46270	7	F23 vs. S23	S2-3 up	GO:0006506	Metabolism	Metabolism	GPI anchor biosynthetic process	P	AT5G46850
46271	7	F23 vs. S23	S2-3 up	GO:0003923	Metabolism	Metabolism	GPI-anchor transamidase activity	F	AT1G08750
46272	7	F23 vs. S23	S2-3 up	GO:0042765	Metabolism	Metabolism	GPI-anchor transamidase complex	C	AT1G08750
46273	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G02620
46274	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G04170
46275	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT1G16920
46276	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G23460
46277	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT2G31060
46278	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G11730
46279	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G51160
46280	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G60190
46281	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT3G63420
46282	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G10620
46283	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G12790
46284	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G35020
46285	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT4G39520
46286	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G17060
46287	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G45750
46288	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G46070
46289	7	F23 vs. S23	S2-3 up	GO:0005525	Metabolism	Metabolism	GTP binding	F	AT5G55190
46290	7	F23 vs. S23	S2-3 up	GO:0006183	Metabolism	Metabolism	GTP biosynthetic process	P	AT4G23900
46291	7	F23 vs. S23	S2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT1G08680
46292	7	F23 vs. S23	S2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT3G07890
46293	7	F23 vs. S23	S2-3 up	GO:0005096	Metabolism	Metabolism	GTPase activator activity	F	AT5G12150
46294	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G04170
46295	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G16920
46296	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT1G53140
46297	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G23460
46298	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT2G31060
46299	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G11730
46300	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT3G60190
46301	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G12790
46302	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G35020
46303	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT4G39520
46304	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G45750
46305	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G46070
46306	7	F23 vs. S23	S2-3 up	GO:0003924	Metabolism	Metabolism	GTPase activity	F	AT5G55190
46307	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G44970
46308	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT1G71695
46309	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT3G25180
46310	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G36380
46311	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT4G37320
46312	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G05690
46313	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G24910
46314	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	AT5G45040
46315	7	F23 vs. S23	S2-3 up	GO:0020037	Metabolism	Metabolism	heme binding	F	ATMG00830
46316	7	F23 vs. S23	S2-3 up	GO:0009927	Metabolism	Metabolism	histidine phosphotransfer kinase activity	F	AT2G17820
46317	7	F23 vs. S23	S2-3 up	GO:0009927	Metabolism	Metabolism	histidine phosphotransfer kinase activity	F	AT3G21510
46318	7	F23 vs. S23	S2-3 up	GO:0070814	Metabolism	Metabolism	hydrogen sulfide biosynthetic process	P	AT4G14680
46319	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G69080
46320	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT1G80280
46321	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT2G05260
46322	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G01690
46323	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT3G48410
46324	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G01040

46325	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G10620
46326	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G25550
46327	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT4G37470
46328	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G14680
46329	7	F23 vs. S23	S2-3 up	GO:0016787	Metabolism	Metabolism	hydrolase activity	F	AT5G20060
46330	7	F23 vs. S23	S2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT1G54030
46331	7	F23 vs. S23	S2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT3G05180
46332	7	F23 vs. S23	S2-3 up	GO:0016788	Metabolism	Metabolism	hydrolase activity, acting on ester bonds	F	AT4G18970
46333	7	F23 vs. S23	S2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G23730
46334	7	F23 vs. S23	S2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT3G26140
46335	7	F23 vs. S23	S2-3 up	GO:0004553	Metabolism	Metabolism	hydrolase activity, hydrolyzing O-glycosyl compounds	F	AT4G03210
46336	7	F23 vs. S23	S2-3 up	GO:0033971	Metabolism	Metabolism	hydroxyisourate hydrolase activity	F	AT5G58220
46337	7	F23 vs. S23	S2-3 up	GO:1990714	Metabolism	Metabolism	hydroxyproline O-galactosyltransferase activity	F	AT1G27120
46338	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G50170
46339	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT1G71830
46340	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT2G40060
46341	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G12670
46342	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G16240
46343	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G23490
46344	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G56090
46345	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT3G61070
46346	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G33430
46347	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT4G33950
46348	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G02820
46349	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G07180
46350	7	F23 vs. S23	S2-3 up	GO:0042802	Metabolism	Metabolism	identical protein binding	F	AT5G58140
46351	7	F23 vs. S23	S2-3 up	GO:0103075	Metabolism	Metabolism	indole-3-pyruvate monooxygenase activity	F	AT5G25620
46352	7	F23 vs. S23	S2-3 up	GO:0006880	Metabolism	Metabolism	intracellular sequestering of iron ion	P	AT3G56090
46353	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT1G54500
46354	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT2G19800
46355	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G25180
46356	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT3G56090
46357	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G36380
46358	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT4G37320
46359	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G05690
46360	7	F23 vs. S23	S2-3 up	GO:0005506	Metabolism	Metabolism	iron ion binding	F	AT5G24910
46361	7	F23 vs. S23	S2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT2G26060
46362	7	F23 vs. S23	S2-3 up	GO:0016226	Metabolism	Metabolism	iron-sulfur cluster assembly	P	AT5G18400
46363	7	F23 vs. S23	S2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT1G50170
46364	7	F23 vs. S23	S2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT1G60230
46365	7	F23 vs. S23	S2-3 up	GO:0051536	Metabolism	Metabolism	iron-sulfur cluster binding	F	AT3G07480
46366	7	F23 vs. S23	S2-3 up	GO:0008909	Metabolism	Metabolism	isochorismate synthase activity	F	AT1G18870
46367	7	F23 vs. S23	S2-3 up	GO:0009097	Metabolism	Metabolism	isoleucine biosynthetic process	P	AT3G20390
46368	7	F23 vs. S23	S2-3 up	GO:0009097	Metabolism	Metabolism	isoleucine biosynthetic process	P	AT5G65780
46369	7	F23 vs. S23	S2-3 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT3G13170
46370	7	F23 vs. S23	S2-3 up	GO:0016853	Metabolism	Metabolism	isomerase activity	F	AT3G44280
46371	7	F23 vs. S23	S2-3 up	GO:0019894	Metabolism	Metabolism	kinesin binding	F	AT1G50240
46372	7	F23 vs. S23	S2-3 up	GO:0016212	Metabolism	Metabolism	kynurenine-oxoglutarate transaminase activity	F	AT1G77670
46373	7	F23 vs. S23	S2-3 up	GO:0009098	Metabolism	Metabolism	leucine biosynthetic process	P	AT5G65780
46374	7	F23 vs. S23	S2-3 up	GO:0019370	Metabolism	Metabolism	leukotriene biosynthetic process	P	AT5G13520
46375	7	F23 vs. S23	S2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT1G55360
46376	7	F23 vs. S23	S2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT4G08310
46377	7	F23 vs. S23	S2-3 up	GO:0016874	Metabolism	Metabolism	ligase activity	F	AT4G37090

46378	7	F23 vs. S23	S2-3 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT5G14180
46379	7	F23 vs. S23	S2-3 up	GO:0016298	Metabolism	Metabolism	lipase activity	F	AT5G15720
46380	7	F23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT1G22530
46381	7	F23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT1G27950
46382	7	F23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT1G30690
46383	7	F23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT2G34710
46384	7	F23 vs. S23	S2-3 up	GO:0008289	Metabolism	Metabolism	lipid binding	F	AT5G59310
46385	7	F23 vs. S23	S2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT1G76680
46386	7	F23 vs. S23	S2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT2G05260
46387	7	F23 vs. S23	S2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G26230
46388	7	F23 vs. S23	S2-3 up	GO:0006629	Metabolism	Metabolism	lipid metabolic process	P	AT5G55480
46389	7	F23 vs. S23	S2-3 up	GO:0052656	Metabolism	Metabolism	L-isoleucine transaminase activity	F	AT5G65780
46390	7	F23 vs. S23	S2-3 up	GO:0052654	Metabolism	Metabolism	L-leucine transaminase activity	F	AT5G65780
46391	7	F23 vs. S23	S2-3 up	GO:0052655	Metabolism	Metabolism	L-valine transaminase activity	F	AT5G65780
46392	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G15380
46393	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT1G64185
46394	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G07010
46395	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G53190
46396	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT3G62110
46397	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT4G24780
46398	7	F23 vs. S23	S2-3 up	GO:0016829	Metabolism	Metabolism	lyase activity	F	AT5G41870
46399	7	F23 vs. S23	S2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT2G42910
46400	7	F23 vs. S23	S2-3 up	GO:0000287	Metabolism	Metabolism	magnesium ion binding	F	AT3G27870
46401	7	F23 vs. S23	S2-3 up	GO:1901982	Metabolism	Metabolism	maltose binding	F	AT5G21170
46402	7	F23 vs. S23	S2-3 up	GO:0030145	Metabolism	Metabolism	manganese ion binding	F	AT5G39160
46403	7	F23 vs. S23	S2-3 up	GO:0051753	Metabolism	Metabolism	mannan synthase activity	F	AT1G02730
46404	7	F23 vs. S23	S2-3 up	GO:0000030	Metabolism	Metabolism	mannosyltransferase activity	F	AT5G14850
46405	7	F23 vs. S23	S2-3 up	GO:0008381	Metabolism	Metabolism	mechanosensitive ion channel activity	F	AT4G22120
46406	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G08060
46407	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G08680
46408	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G14980
46409	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G15250
46410	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G23420
46411	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27360
46412	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27370
46413	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27390
46414	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G27770
46415	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G31500
46416	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G44970
46417	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G50170
46418	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G52300
46419	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G55250
46420	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G68000
46421	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G71695
46422	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G76580
46423	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G76950
46424	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G79690
46425	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT1G79810
46426	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G02080
46427	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G04530
46428	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G23460
46429	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G24830
46430	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G25900
46431	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G27100
46432	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G27880
46433	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G28840

46434	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G31970
46435	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G40030
46436	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42200
46437	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G42810
46438	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G44650
46439	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G44670
46440	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45190
46441	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45270
46442	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45620
46443	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G45710
46444	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G47110
46445	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT2G47680
46446	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G07010
46447	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G10850
46448	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G10950
46449	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G12130
46450	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G13170
46451	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G13810
46452	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G15270
46453	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G16080
46454	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G19910
46455	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G22550
46456	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G23150
46457	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G23890
46458	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G24450
46459	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G26730
46460	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G48440
46461	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G53190
46462	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G54720
46463	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55770
46464	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G55830
46465	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G57670
46466	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G58560
46467	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G60210
46468	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT3G61110
46469	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G01320
46470	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G02060
46471	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G04840
46472	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G17670
46473	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G20400
46474	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G21710
46475	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G22930
46476	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24780
46477	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G24890
46478	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G25550
46479	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G28820
46480	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G32840
46481	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT4G35800
46482	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G04560
46483	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G07710
46484	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G09740
46485	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G18070
46486	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G18400
46487	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G22580
46488	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24330
46489	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G24580

46490	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G27930
46491	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G45040
46492	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47710
46493	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G47930
46494	7	F23 vs. S23	S2-3 up	GO:0046872	Metabolism	Metabolism	metal ion binding	F	AT5G50810
46495	7	F23 vs. S23	S2-3 up	GO:0008237	Metabolism	Metabolism	metallopeptidase activity	F	AT5G13520
46496	7	F23 vs. S23	S2-3 up	GO:0004477	Metabolism	Metabolism	methenyltetrahydrofolate cyclohydrolase activity	F	AT1G50480
46497	7	F23 vs. S23	S2-3 up	GO:0102078	Metabolism	Metabolism	methyl jasmonate methylesterase activity	F	AT1G19640
46498	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT3G60910
46499	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G08240
46500	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G14000
46501	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G14360
46502	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT4G40000
46503	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G26180
46504	7	F23 vs. S23	S2-3 up	GO:0008168	Metabolism	Metabolism	methyltransferase activity	F	AT5G66440
46505	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT1G03780
46506	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT1G19835
46507	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT1G53140
46508	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT1G63640
46509	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT2G35630
46510	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G16060
46511	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G20150
46512	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G23670
46513	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G53320
46514	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT3G60190
46515	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT4G21270
46516	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT4G32330
46517	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G51600
46518	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G55230
46519	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G62580
46520	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G65930
46521	7	F23 vs. S23	S2-3 up	GO:0008017	Metabolism	Metabolism	microtubule binding	F	AT5G67270
46522	7	F23 vs. S23	S2-3 up	GO:0051011	Metabolism	Metabolism	microtubule minus-end binding	F	AT5G17620
46523	7	F23 vs. S23	S2-3 up	GO:0051010	Metabolism	Metabolism	microtubule plus-end binding	F	AT5G67270
46524	7	F23 vs. S23	S2-3 up	GO:0019048	Metabolism	Metabolism	modulation by virus of host morphology or physiology	P	AT2G27040
46525	7	F23 vs. S23	S2-3 up	GO:0060090	Metabolism	Metabolism	molecular adaptor activity	F	AT1G43850
46526	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G01170
46527	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G02160
46528	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G02870
46529	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G06010
46530	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G08580
46531	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12090
46532	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G12810
46533	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G13930
46534	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G15270
46535	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G18850
46536	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G19830
46537	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G20430
46538	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21830
46539	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G21930
46540	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G25275
46541	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G26470
46542	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G26530
46543	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G28330
46544	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G28395

46545	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G31335
46546	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G33810
46547	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G43760
46548	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47813
46549	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G47970
46550	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G48170
46551	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G56320
46552	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G57540
46553	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G61450
46554	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G62500
46555	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G64405
46556	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G65270
46557	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G66590
46558	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G67910
46559	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G69700
46560	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70350
46561	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G70900
46562	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G72020
46563	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75730
46564	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G75980
46565	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G78780
46566	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G79420
46567	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80040
46568	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT1G80700
46569	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G03680
46570	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G04900
46571	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G15000
46572	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G15960
46573	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G15970
46574	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G16780
46575	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17240
46576	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G17660
46577	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G19180
46578	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20585
46579	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20820
46580	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G20930
46581	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G26110
46582	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G27775
46583	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G27830
46584	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G31490
46585	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G33330
46586	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G34870
46587	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G35790
46588	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G37975
46589	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G38160
46590	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G42110
46591	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G42310
46592	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G44080
46593	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46390
46594	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46490
46595	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G46540
46596	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT2G47930
46597	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G02180
46598	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G02640
46599	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03590
46600	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G03840

46601	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07230
46602	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07440
46603	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G07580
46604	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G11800
46605	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G12180
46606	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G12830
46607	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G15630
46608	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G17160
46609	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G21055
46610	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G22540
46611	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G22970
46612	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G32930
46613	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G44380
46614	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G45050
46615	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G46430
46616	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G47836
46617	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G48140
46618	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50170
46619	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50350
46620	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G50970
46621	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G56590
46622	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G58650
46623	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G59840
46624	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G62840
46625	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT3G62920
46626	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G01960
46627	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G04630
46628	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G09830
46629	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10270
46630	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10810
46631	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G10925
46632	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G15910
46633	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G16140
46634	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G22470
46635	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G23040
46636	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G24930
46637	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G26130
46638	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G26550
46639	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28180
46640	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28240
46641	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G28300
46642	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29030
46643	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G29440
46644	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G32270
46645	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G32330
46646	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G33400
46647	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G34080
46648	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G34560
46649	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G37300
46650	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G38930
46651	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT4G39220
46652	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G01650
46653	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G02440
46654	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G04080
46655	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G05950
46656	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G06240

46657	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G06590
46658	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G06630
46659	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G07590
46660	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G09270
46661	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G09960
46662	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G11500
46663	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G13090
46664	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G14540
46665	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G14710
46666	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G15230
46667	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G15510
46668	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G16030
46669	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G16060
46670	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G16110
46671	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G16950
46672	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G17160
46673	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G18250
46674	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G18920
46675	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G19875
46676	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G21070
46677	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G24570
46678	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G24890
46679	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25570
46680	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G25940
46681	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G38720
46682	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G39600
46683	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G40980
46684	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G42470
46685	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G43880
46686	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G46850
46687	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G47020
46688	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G47310
46689	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G48310
46690	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G49540
46691	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G51840
46692	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G51960
46693	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G53880
46694	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G54970
46695	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G55940
46696	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G60150
46697	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G60680
46698	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G62170
46699	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G62900
46700	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G63135
46701	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G64870
46702	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	AT5G65950
46703	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	ATMG00660
46704	7	F23 vs. S23	S2-3 up	GO:0003674	Metabolism	Metabolism	molecular_function	F	ATMG01370
46705	7	F23 vs. S23	S2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT4G36380
46706	7	F23 vs. S23	S2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G05690
46707	7	F23 vs. S23	S2-3 up	GO:0004497	Metabolism	Metabolism	monooxygenase activity	F	AT5G24910
46708	7	F23 vs. S23	S2-3 up	GO:0003774	Metabolism	Metabolism	motor activity	F	AT4G33200
46709	7	F23 vs. S23	S2-3 up	GO:0010192	Metabolism	Metabolism	mucilage biosynthetic process	P	AT2G35620
46710	7	F23 vs. S23	S2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT2G35620

46711	7	F23 vs. S23	S2-3 up	GO:0048354	Metabolism	Metabolism	mucilage biosynthetic process involved in seed coat development	P	AT3G10380
46712	7	F23 vs. S23	S2-3 up	GO:0048359	Metabolism	Metabolism	mucilage metabolic process involved in seed coat development	P	AT4G32551
46713	7	F23 vs. S23	S2-3 up	GO:0080115	Metabolism	Metabolism	myosin XI tail binding	F	AT3G11730
46714	7	F23 vs. S23	S2-3 up	GO:0061711	Metabolism	Metabolism	N(6)-L-threonylcarbamoyladenine synthase activity	F	AT2G45270
46715	7	F23 vs. S23	S2-3 up	GO:0004499	Metabolism	Metabolism	N,N-dimethylaniline monooxygenase activity	F	AT5G25620
46716	7	F23 vs. S23	S2-3 up	GO:0019788	Metabolism	Metabolism	NEDD8 transferase activity	F	AT5G20570
46717	7	F23 vs. S23	S2-3 up	GO:0016151	Metabolism	Metabolism	nickel cation binding	F	AT1G21840
46718	7	F23 vs. S23	S2-3 up	GO:0008936	Metabolism	Metabolism	nicotinamidase activity	F	AT2G22570
46719	7	F23 vs. S23	S2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G21170
46720	7	F23 vs. S23	S2-3 up	GO:0042128	Metabolism	Metabolism	nitrate assimilation	P	AT5G50200
46721	7	F23 vs. S23	S2-3 up	GO:0080028	Metabolism	Metabolism	nitrile biosynthetic process	P	AT3G16410
46722	7	F23 vs. S23	S2-3 up	GO:0006807	Metabolism	Metabolism	nitrogen compound metabolic process	P	AT1G21840
46723	7	F23 vs. S23	S2-3 up	GO:0017196	Metabolism	Metabolism	N-terminal peptidyl-methionine acetylation	P	AT1G03150
46724	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT2G26970
46725	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT2G32600
46726	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT3G02820
46727	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT3G43590
46728	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT3G57670
46729	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT4G16265
46730	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT4G38680
46731	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT5G02740
46732	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT5G07710
46733	7	F23 vs. S23	S2-3 up	GO:0003676	Metabolism	Metabolism	nucleic acid binding	F	AT5G26610
46734	7	F23 vs. S23	S2-3 up	GO:0045735	Metabolism	Metabolism	nutrient reservoir activity	F	AT5G39160
46735	7	F23 vs. S23	S2-3 up	GO:0070492	Metabolism	Metabolism	oligosaccharide binding	F	AT4G01040
46736	7	F23 vs. S23	S2-3 up	GO:0004576	Metabolism	Metabolism	oligosaccharyl transferase activity	F	AT1G32210
46737	7	F23 vs. S23	S2-3 up	GO:0008171	Metabolism	Metabolism	O-methyltransferase activity	F	AT5G51130
46738	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G44970
46739	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G49140
46740	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G55510
46741	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G62810
46742	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G71695
46743	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT1G76680
46744	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G07727
46745	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G19800
46746	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT2G43350
46747	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G08710
46748	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G25180
46749	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G30775
46750	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G53220
46751	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G55360
46752	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G56090
46753	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT3G56460
46754	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G00570
46755	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G04840
46756	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G12420
46757	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G20400
46758	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G22010
46759	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G36380
46760	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT4G37320
46761	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G05690
46762	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G24910
46763	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G25620
46764	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G39410

46765	7	F23 vs. S23	S2-3 up	GO:0055114	Metabolism	Metabolism	oxidation-reduction process	P	AT5G65930
46766	7	F23 vs. S23	S2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT1G19640
46767	7	F23 vs. S23	S2-3 up	GO:0031408	Metabolism	Metabolism	oxylipin biosynthetic process	P	AT1G76680
46768	7	F23 vs. S23	S2-3 up	GO:0031407	Metabolism	Metabolism	oxylipin metabolic process	P	AT1G76680
46769	7	F23 vs. S23	S2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G07010
46770	7	F23 vs. S23	S2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT3G53190
46771	7	F23 vs. S23	S2-3 up	GO:0030570	Metabolism	Metabolism	pectate lyase activity	F	AT4G24780
46772	7	F23 vs. S23	S2-3 up	GO:0010401	Metabolism	Metabolism	pectic galactan metabolic process	P	AT3G55830
46773	7	F23 vs. S23	S2-3 up	GO:0052793	Metabolism	Metabolism	pectin acetylesterase activity	F	AT2G46930
46774	7	F23 vs. S23	S2-3 up	GO:0042277	Metabolism	Metabolism	peptide binding	F	AT2G26330
46775	7	F23 vs. S23	S2-3 up	GO:0017183	Metabolism	Metabolism	peptidyl-diphthamide biosynthetic process from peptidyl-histidine	P	AT3G11800
46776	7	F23 vs. S23	S2-3 up	GO:0052596	Metabolism	Metabolism	phenethylamine:oxygen oxidoreductase (deaminating) activity	F	AT1G62810
46777	7	F23 vs. S23	S2-3 up	GO:0070300	Metabolism	Metabolism	phosphatidic acid binding	F	AT1G76950
46778	7	F23 vs. S23	S2-3 up	GO:0070300	Metabolism	Metabolism	phosphatidic acid binding	F	AT3G06960
46779	7	F23 vs. S23	S2-3 up	GO:0070300	Metabolism	Metabolism	phosphatidic acid binding	F	AT3G19420
46780	7	F23 vs. S23	S2-3 up	GO:0035091	Metabolism	Metabolism	phosphatidylinositol binding	F	AT1G76950
46781	7	F23 vs. S23	S2-3 up	GO:0035091	Metabolism	Metabolism	phosphatidylinositol binding	F	AT5G12150
46782	7	F23 vs. S23	S2-3 up	GO:0006661	Metabolism	Metabolism	phosphatidylinositol biosynthetic process	P	AT1G68000
46783	7	F23 vs. S23	S2-3 up	GO:0004610	Metabolism	Metabolism	phosphoacetylglucosamine mutase activity	F	AT5G18070
46784	7	F23 vs. S23	S2-3 up	GO:0008654	Metabolism	Metabolism	phospholipid biosynthetic process	P	AT1G68000
46785	7	F23 vs. S23	S2-3 up	GO:0004637	Metabolism	Metabolism	phosphoribosylamine-glycine ligase activity	F	AT3G55010
46786	7	F23 vs. S23	S2-3 up	GO:0004641	Metabolism	Metabolism	phosphoribosylformylglycinamidine cyclo-ligase activity	F	AT3G55010
46787	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G05205
46788	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G31420
46789	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G54510
46790	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT1G73590
46791	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT2G42910
46792	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G04810
46793	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G21510
46794	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT3G47580
46795	7	F23 vs. S23	S2-3 up	GO:0016310	Metabolism	Metabolism	phosphorylation	P	AT5G66800
46796	7	F23 vs. S23	S2-3 up	GO:0016773	Metabolism	Metabolism	phosphotransferase activity, alcohol group as acceptor	F	AT3G54090
46797	7	F23 vs. S23	S2-3 up	GO:0042372	Metabolism	Metabolism	phylloquinone biosynthetic process	P	AT1G18870
46798	7	F23 vs. S23	S2-3 up	GO:0010024	Metabolism	Metabolism	phytochromobilin biosynthetic process	P	AT2G26550
46799	7	F23 vs. S23	S2-3 up	GO:0006907	Metabolism	Metabolism	pinocytosis	P	AT5G50375
46800	7	F23 vs. S23	S2-3 up	GO:0052541	Metabolism	Metabolism	plant-type cell wall cellulose metabolic process	P	AT3G55830
46801	7	F23 vs. S23	S2-3 up	GO:0052541	Metabolism	Metabolism	plant-type cell wall cellulose metabolic process	P	AT5G55480
46802	7	F23 vs. S23	S2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT3G62110
46803	7	F23 vs. S23	S2-3 up	GO:0004650	Metabolism	Metabolism	polygalacturonase activity	F	AT5G41870
46804	7	F23 vs. S23	S2-3 up	GO:0090353	Metabolism	Metabolism	polygalacturonase inhibitor activity	F	AT5G06860
46805	7	F23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT1G18650
46806	7	F23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT1G69295
46807	7	F23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G08000
46808	7	F23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G39790
46809	7	F23 vs. S23	S2-3 up	GO:0030247	Metabolism	Metabolism	polysaccharide binding	F	AT5G61130
46810	7	F23 vs. S23	S2-3 up	GO:0015288	Metabolism	Metabolism	porin activity	F	AT5G15090
46811	7	F23 vs. S23	S2-3 up	GO:0015288	Metabolism	Metabolism	porin activity	F	AT5G57490
46812	7	F23 vs. S23	S2-3 up	GO:0090358	Metabolism	Metabolism	positive regulation of tryptophan metabolic process	P	AT1G75500
46813	7	F23 vs. S23	S2-3 up	GO:0008131	Metabolism	Metabolism	primary amine oxidase activity	F	AT1G62810
46814	7	F23 vs. S23	S2-3 up	GO:0004657	Metabolism	Metabolism	proline dehydrogenase activity	F	AT3G30775
46815	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G01620
46816	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G04260

46817	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G05805
46818	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G07400
46819	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G10240
46820	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G14570
46821	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G16610
46822	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17730
46823	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17760
46824	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G17880
46825	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G18400
46826	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19120
46827	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19330
46828	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G19835
46829	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G20930
46830	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G21750
46831	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G23420
46832	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G24260
46833	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G27310
46834	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G31420
46835	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G32930
46836	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G34030
46837	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G43850
46838	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G47870
46839	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G50240
46840	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G51570
46841	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G52410
46842	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G53320
46843	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G54410
46844	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G63480
46845	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G63700
46846	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G66750
46847	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G69840
46848	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G70660
46849	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G71830
46850	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G73030
46851	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G73590
46852	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76540
46853	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G76850
46854	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G79690
46855	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G79810
46856	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G80070
46857	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT1G80420
46858	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G02070
46859	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G02080
46860	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G06200
46861	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G13540
46862	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17410
46863	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17620
46864	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G17820
46865	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G18160
46866	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G18170
46867	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G19830
46868	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G22840
46869	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G24490
46870	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26330
46871	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26730
46872	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G26760

46873	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27040
46874	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27100
46875	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27960
46876	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G27970
46877	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31070
46878	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G31970
46879	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G33560
46880	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G33735
46881	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G34260
46882	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G35620
46883	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36160
46884	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36400
46885	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G36620
46886	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G37060
46887	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G38620
46888	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40010
46889	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40030
46890	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40060
46891	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40330
46892	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G40550
46893	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G41430
46894	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G42810
46895	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G42830
46896	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45170
46897	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45190
46898	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT2G45640
46899	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G02880
46900	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G05590
46901	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G06110
46902	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G08680
46903	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11540
46904	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11730
46905	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G11910
46906	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13170
46907	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13445
46908	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13570
46909	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G13670
46910	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G14010
46911	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G16830
46912	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G21510
46913	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G22680
46914	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23150
46915	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G23670
46916	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G25980
46917	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26510
46918	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26810
46919	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G26932
46920	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G27810
46921	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G46740
46922	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G47580
46923	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G47620
46924	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G49670
46925	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G50950
46926	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G53020
46927	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G53430
46928	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G54090

46929	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G54220
46930	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G54720
46931	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G55360
46932	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G55510
46933	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56150
46934	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56370
46935	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G56900
46936	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G57080
46937	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G58780
46938	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G60320
46939	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G60600
46940	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT3G61070
46941	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G00570
46942	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G02060
46943	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G02570
46944	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G05590
46945	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G09550
46946	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G09960
46947	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G14730
46948	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G15900
46949	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G15920
46950	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G16280
46951	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G16780
46952	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G17460
46953	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G18960
46954	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G20400
46955	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25320
46956	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25550
46957	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G25560
46958	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26610
46959	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26630
46960	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26670
46961	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G26840
46962	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27450
46963	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G27500
46964	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G28190
46965	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G29910
46966	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G32551
46967	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G32830
46968	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33040
46969	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33200
46970	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33260
46971	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33430
46972	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G33950
46973	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G34160
46974	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35020
46975	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G35800
46976	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36180
46977	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G36930
46978	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37490
46979	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT4G37740
46980	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G02820
46981	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G05440
46982	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G06270
46983	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G07180
46984	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G07300

46985	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G09740
46986	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G10020
46987	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G10980
46988	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G11510
46989	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G12150
46990	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13290
46991	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G13840
46992	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G14640
46993	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G14920
46994	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G15090
46995	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16050
46996	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16590
46997	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G16620
46998	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G17620
46999	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G18400
47000	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G18580
47001	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G20570
47002	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G21170
47003	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G22650
47004	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G24330
47005	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G28640
47006	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G39790
47007	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G39850
47008	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G40770
47009	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G41560
47010	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G42190
47011	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G43810
47012	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G44560
47013	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G45750
47014	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47370
47015	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G47700
47016	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G48485
47017	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G50790
47018	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51200
47019	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51230
47020	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51340
47021	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G51590
47022	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G52240
47023	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G54580
47024	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G55160
47025	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G55190
47026	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G55230
47027	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G56580
47028	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G58140
47029	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G58220
47030	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G59970
47031	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G60910
47032	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G61960
47033	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G62000
47034	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G64900
47035	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65360
47036	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	AT5G65930
47037	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATCG01130
47038	7	F23 vs. S23	S2-3 up	GO:0005515	Metabolism	Metabolism	protein binding	F	ATMG00830
47039	7	F23 vs. S23	S2-3 up	GO:0030674	Metabolism	Metabolism	protein binding, bridging	F	AT1G14570
47040	7	F23 vs. S23	S2-3 up	GO:0004673	Metabolism	Metabolism	protein histidine kinase activity	F	AT2G17820

47041	7	F23 vs. S23	S2-3 up	GO:0004673	Metabolism	Metabolism	protein histidine kinase activity	F	AT3G23150
47042	7	F23 vs. S23	S2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT1G69840
47043	7	F23 vs. S23	S2-3 up	GO:0043424	Metabolism	Metabolism	protein histidine kinase binding	F	AT3G21510
47044	7	F23 vs. S23	S2-3 up	GO:0016262	Metabolism	Metabolism	protein N-acetylglucosaminyltransferase activity	F	AT3G11540
47045	7	F23 vs. S23	S2-3 up	GO:0009982	Metabolism	Metabolism	pseudouridine synthase activity	F	AT1G34150
47046	7	F23 vs. S23	S2-3 up	GO:0009113	Metabolism	Metabolism	purine nucleobase biosynthetic process	P	AT1G50480
47047	7	F23 vs. S23	S2-3 up	GO:0006144	Metabolism	Metabolism	purine nucleobase metabolic process	P	AT5G58220
47048	7	F23 vs. S23	S2-3 up	GO:0006164	Metabolism	Metabolism	purine nucleotide biosynthetic process	P	AT2G42910
47049	7	F23 vs. S23	S2-3 up	GO:0006164	Metabolism	Metabolism	purine nucleotide biosynthetic process	P	AT3G55010
47050	7	F23 vs. S23	S2-3 up	GO:0006163	Metabolism	Metabolism	purine nucleotide metabolic process	P	AT4G23900
47051	7	F23 vs. S23	S2-3 up	GO:0009150	Metabolism	Metabolism	purine ribonucleotide metabolic process	P	AT3G56490
47052	7	F23 vs. S23	S2-3 up	GO:0030170	Metabolism	Metabolism	pyridoxal phosphate binding	F	AT1G77670
47053	7	F23 vs. S23	S2-3 up	GO:0019856	Metabolism	Metabolism	pyrimidine nucleobase biosynthetic process	P	AT3G12670
47054	7	F23 vs. S23	S2-3 up	GO:0006221	Metabolism	Metabolism	pyrimidine nucleotide biosynthetic process	P	AT4G22930
47055	7	F23 vs. S23	S2-3 up	GO:0006220	Metabolism	Metabolism	pyrimidine nucleotide metabolic process	P	AT4G23900
47056	7	F23 vs. S23	S2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	AT1G62810
47057	7	F23 vs. S23	S2-3 up	GO:0048038	Metabolism	Metabolism	quinone binding	F	ATCG01070
47058	7	F23 vs. S23	S2-3 up	GO:0008757	Metabolism	Metabolism	S-adenosylmethionine-dependent methyltransferase activity	F	AT1G19640
47059	7	F23 vs. S23	S2-3 up	GO:0019748	Metabolism	Metabolism	secondary metabolic process	P	AT2G23010
47060	7	F23 vs. S23	S2-3 up	GO:0042989	Metabolism	Metabolism	sequestering of actin monomers	P	AT5G56600
47061	7	F23 vs. S23	S2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT2G19170
47062	7	F23 vs. S23	S2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	AT5G20520
47063	7	F23 vs. S23	S2-3 up	GO:0008236	Metabolism	Metabolism	serine-type peptidase activity	F	ATCG00670
47064	7	F23 vs. S23	S2-3 up	GO:0047158	Metabolism	Metabolism	sinapoylglucose-sinapoylglucose O-sinapoyltransferase activity	F	AT2G23010
47065	7	F23 vs. S23	S2-3 up	GO:0019354	Metabolism	Metabolism	siroheme biosynthetic process	P	AT1G50170
47066	7	F23 vs. S23	S2-3 up	GO:0016852	Metabolism	Metabolism	sirohydrochlorin cobaltochelatase activity	F	AT1G50170
47067	7	F23 vs. S23	S2-3 up	GO:0051266	Metabolism	Metabolism	sirohydrochlorin ferrochelatase activity	F	AT1G50170
47068	7	F23 vs. S23	S2-3 up	GO:0006665	Metabolism	Metabolism	sphingolipid metabolic process	P	AT3G55360
47069	7	F23 vs. S23	S2-3 up	GO:0006665	Metabolism	Metabolism	sphingolipid metabolic process	P	AT3G55830
47070	7	F23 vs. S23	S2-3 up	GO:0004781	Metabolism	Metabolism	sulfate adenylyltransferase (ATP) activity	F	AT4G14680
47071	7	F23 vs. S23	S2-3 up	GO:0006790	Metabolism	Metabolism	sulfur compound metabolic process	P	AT3G56490
47072	7	F23 vs. S23	S2-3 up	GO:0048488	Metabolism	Metabolism	synaptic vesicle endocytosis	P	AT3G60830
47073	7	F23 vs. S23	S2-3 up	GO:0019905	Metabolism	Metabolism	syntaxin binding	F	AT5G50840
47074	7	F23 vs. S23	S2-3 up	GO:0046246	Metabolism	Metabolism	terpene biosynthetic process	P	AT3G25180
47075	7	F23 vs. S23	S2-3 up	GO:0035999	Metabolism	Metabolism	tetrahydrofolate interconversion	P	AT1G50480
47076	7	F23 vs. S23	S2-3 up	GO:0046906	Metabolism	Metabolism	tetrapyrrole binding	F	AT2G42810
47077	7	F23 vs. S23	S2-3 up	GO:0010180	Metabolism	Metabolism	thioglucosidase binding	F	AT1G52030
47078	7	F23 vs. S23	S2-3 up	GO:0010169	Metabolism	Metabolism	thioglucosidase complex	C	AT1G52030
47079	7	F23 vs. S23	S2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT1G25155
47080	7	F23 vs. S23	S2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT2G28840
47081	7	F23 vs. S23	S2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT3G19540
47082	7	F23 vs. S23	S2-3 up	GO:0016740	Metabolism	Metabolism	transferase activity	F	AT4G29870
47083	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G04920
47084	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G11940
47085	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G27120
47086	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G32930
47087	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT1G51570
47088	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT2G36970
47089	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G11540
47090	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT3G55830
47091	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G03550
47092	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT4G24530
47093	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G12970
47094	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G14850

47095	7	F23 vs. S23	S2-3 up	GO:0016757	Metabolism	Metabolism	transferase activity, transferring glycosyl groups	F	AT5G49190
47096	7	F23 vs. S23	S2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT2G36970
47097	7	F23 vs. S23	S2-3 up	GO:0016758	Metabolism	Metabolism	transferase activity, transferring hexosyl groups	F	AT4G16710
47098	7	F23 vs. S23	S2-3 up	GO:0019432	Metabolism	Metabolism	triglyceride biosynthetic process	P	AT4G33950
47099	7	F23 vs. S23	S2-3 up	GO:0004806	Metabolism	Metabolism	triglyceride lipase activity	F	AT5G14180
47100	7	F23 vs. S23	S2-3 up	GO:0052593	Metabolism	Metabolism	tryptamine:oxygen oxidoreductase (deaminating) activity	F	AT1G62810
47101	7	F23 vs. S23	S2-3 up	GO:0000162	Metabolism	Metabolism	tryptophan biosynthetic process	P	AT1G75500
47102	7	F23 vs. S23	S2-3 up	GO:0035251	Metabolism	Metabolism	UDP-glucosyltransferase activity	F	AT3G55830
47103	7	F23 vs. S23	S2-3 up	GO:0008194	Metabolism	Metabolism	UDP-glycosyltransferase activity	F	AT2G36970
47104	7	F23 vs. S23	S2-3 up	GO:0006048	Metabolism	Metabolism	UDP-N-acetylglucosamine biosynthetic process	P	AT5G18070
47105	7	F23 vs. S23	S2-3 up	GO:0071568	Metabolism	Metabolism	UFM1 transferase activity	F	AT3G46220
47106	7	F23 vs. S23	S2-3 up	GO:0006228	Metabolism	Metabolism	UTP biosynthetic process	P	AT4G23900
47107	7	F23 vs. S23	S2-3 up	GO:0009099	Metabolism	Metabolism	valine biosynthetic process	P	AT5G65780
47108	7	F23 vs. S23	S2-3 up	GO:0010025	Metabolism	Metabolism	wax biosynthetic process	P	AT3G55360
47109	7	F23 vs. S23	S2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT2G27230
47110	7	F23 vs. S23	S2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT4G25320
47111	7	F23 vs. S23	S2-3 up	GO:0010089	Metabolism	Metabolism	xylem development	P	AT5G51590
47112	7	F23 vs. S23	S2-3 up	GO:0009969	Metabolism	Metabolism	xyloglucan biosynthetic process	P	AT1G14100
47113	7	F23 vs. S23	S2-3 up	GO:0009969	Metabolism	Metabolism	xyloglucan biosynthetic process	P	AT5G20950
47114	7	F23 vs. S23	S2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT3G23730
47115	7	F23 vs. S23	S2-3 up	GO:0010411	Metabolism	Metabolism	xyloglucan metabolic process	P	AT4G03210
47116	7	F23 vs. S23	S2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT3G23730
47117	7	F23 vs. S23	S2-3 up	GO:0016762	Metabolism	Metabolism	xyloglucan:xyloglucosyl transferase activity	F	AT4G03210
47118	7	F23 vs. S23	S2-3 up	GO:0009974	Metabolism	Metabolism	zeinoxanthin epsilon hydroxylase activity	F	AT3G53130
47119	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G10240
47120	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G14260
47121	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT1G51200
47122	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G28510
47123	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G32600
47124	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT2G37190
47125	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02260
47126	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G02820
47127	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G43590
47128	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G53500
47129	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT3G56460
47130	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G00570
47131	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G12140
47132	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G16265
47133	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G23900
47134	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT4G38680
47135	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G13520
47136	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G20570
47137	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G23140
47138	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G37340
47139	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G48485
47140	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	AT5G63670
47141	7	F23 vs. S23	S2-3 up	GO:0008270	Metabolism	Metabolism	zinc ion binding	F	ATMG01190
47142	7	F23 vs. S23	S2-3 up	GO:0009882	Metabolism	Photosynthesis	blue light photoreceptor activity	F	AT5G58140
47143	7	F23 vs. S23	S2-3 up	GO:0016117	Metabolism	Photosynthesis	carotenoid biosynthetic process	P	AT3G53130
47144	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G03860
47145	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G04270
47146	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G07770
47147	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G08640
47148	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G11750
47149	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G13930

47150	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G16740
47151	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G18870
47152	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G20430
47153	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G21750
47154	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G27770
47155	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G28110
47156	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G29070
47157	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G31500
47158	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G33330
47159	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G33810
47160	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G36240
47161	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G49600
47162	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G49750
47163	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G49970
47164	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50170
47165	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50480
47166	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G50900
47167	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51310
47168	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G51940
47169	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G52410
47170	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G53320
47171	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54030
47172	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G54500
47173	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G59990
47174	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G60230
47175	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G70710
47176	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G71260
47177	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G71830
47178	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G74340
47179	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G75310
47180	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G77670
47181	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G79050
47182	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT1G80270
47183	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G01140
47184	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G02070
47185	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G02080
47186	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G04530
47187	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G07696
47188	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G07725
47189	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G09990
47190	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G17240
47191	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G19180
47192	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G19720
47193	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G19730
47194	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G19740
47195	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20585
47196	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20750
47197	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G20820
47198	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26110
47199	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G26550
47200	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G28840
47201	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31060
47202	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G31840
47203	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G33370
47204	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G33740
47205	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G34940

47206	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G37190
47207	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G38140
47208	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G42310
47209	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G43350
47210	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G44650
47211	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT2G45270
47212	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01560
47213	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01670
47214	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G01790
47215	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G02560
47216	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G03590
47217	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04400
47218	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G04920
47219	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G05230
47220	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G05590
47221	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G06960
47222	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G13120
47223	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G13310
47224	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G15450
47225	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G19420
47226	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G20150
47227	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G20390
47228	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G21055
47229	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G22970
47230	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23490
47231	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G23890
47232	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25180
47233	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G25520
47234	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26570
47235	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26730
47236	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G26932
47237	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G27830
47238	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G32930
47239	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45030
47240	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G45050
47241	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G46740
47242	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G50770
47243	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G53130
47244	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55010
47245	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G55760
47246	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56090
47247	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G56490
47248	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G59840
47249	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G60210
47250	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G60820
47251	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G60910
47252	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT3G62920
47253	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G00100
47254	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G01320
47255	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G02700
47256	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G05590
47257	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G13070
47258	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14000
47259	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14680
47260	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G14695
47261	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15910

47262	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G15920
47263	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17560
47264	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G17610
47265	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G22930
47266	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G23900
47267	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24890
47268	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G24930
47269	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G26670
47270	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G28510
47271	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G30690
47272	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34560
47273	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G34870
47274	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G36380
47275	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT4G38160
47276	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G01650
47277	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G02740
47278	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G05310
47279	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G09510
47280	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G10100
47281	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G11560
47282	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13510
47283	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G13520
47284	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G14640
47285	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15090
47286	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G15760
47287	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16150
47288	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16390
47289	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16620
47290	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16630
47291	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G16715
47292	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G18070
47293	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G20250
47294	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G21170
47295	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22450
47296	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G22580
47297	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G23140
47298	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G25570
47299	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G26710
47300	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39790
47301	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G39850
47302	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G40770
47303	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G42030
47304	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G45040
47305	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G48310
47306	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G49190
47307	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G49230
47308	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50790
47309	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G50810
47310	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G52240
47311	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G56580
47312	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G56940
47313	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G58640
47314	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G61790
47315	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G62575
47316	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G63135
47317	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G64860

47318	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G65780
47319	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	AT5G67200
47320	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00380
47321	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00510
47322	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00670
47323	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00740
47324	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00770
47325	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00790
47326	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00800
47327	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00820
47328	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG00830
47329	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01020
47330	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01070
47331	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01130
47332	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01230
47333	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATCG01240
47334	7	F23 vs. S23	S2-3 up	GO:0009507	Metabolism	Photosynthesis	chloroplast	C	ATMG01190
47335	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G03780
47336	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G08640
47337	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G11750
47338	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G13930
47339	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G33810
47340	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G49970
47341	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT1G80270
47342	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G36830
47343	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G38140
47344	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G40060
47345	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G40550
47346	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT2G44650
47347	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G06960
47348	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G16240
47349	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G20390
47350	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G26570
47351	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G27830
47352	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G32930
47353	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G46740
47354	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G53130
47355	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G56090
47356	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT3G59840
47357	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G17560
47358	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT4G26670
47359	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G13510
47360	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G15090
47361	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16150
47362	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16390
47363	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G16620
47364	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G39410
47365	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	AT5G40770
47366	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00670
47367	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00770
47368	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00790
47369	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00800
47370	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00820
47371	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG00830
47372	7	F23 vs. S23	S2-3 up	GO:0009941	Metabolism	Photosynthesis	chloroplast envelope	C	ATCG01130
47373	7	F23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT1G27770

47374	7	F23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT3G26570
47375	7	F23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G16150
47376	7	F23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	AT5G16620
47377	7	F23 vs. S23	S2-3 up	GO:0009706	Metabolism	Photosynthesis	chloroplast inner membrane	C	ATCG01130
47378	7	F23 vs. S23	S2-3 up	GO:0031972	Metabolism	Photosynthesis	chloroplast intermembrane space	C	AT2G33740
47379	7	F23 vs. S23	S2-3 up	GO:0031969	Metabolism	Photosynthesis	chloroplast membrane	C	AT1G08640
47380	7	F23 vs. S23	S2-3 up	GO:0042644	Metabolism	Photosynthesis	chloroplast nucleoid	C	AT3G54090
47381	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G11750
47382	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT1G49970
47383	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT2G31840
47384	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G46740
47385	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G53890
47386	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT3G54090
47387	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT4G38160
47388	7	F23 vs. S23	S2-3 up	GO:0009658	Metabolism	Photosynthesis	chloroplast organization	P	AT5G16620
47389	7	F23 vs. S23	S2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G06960
47390	7	F23 vs. S23	S2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT3G46740
47391	7	F23 vs. S23	S2-3 up	GO:0009707	Metabolism	Photosynthesis	chloroplast outer membrane	C	AT4G26670
47392	7	F23 vs. S23	S2-3 up	GO:0009902	Metabolism	Photosynthesis	chloroplast relocation	P	AT5G58140
47393	7	F23 vs. S23	S2-3 up	GO:0009569	Metabolism	Photosynthesis	chloroplast starch grain	C	AT5G39790
47394	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G11750
47395	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G13930
47396	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G49970
47397	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G50900
47398	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT1G79050
47399	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G01140
47400	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G31840
47401	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G38140
47402	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT2G44650
47403	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G13120
47404	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G20390
47405	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G27830
47406	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G45980
47407	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55010
47408	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G55760
47409	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT3G56090
47410	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G14680
47411	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT4G17560
47412	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G13510
47413	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G16050
47414	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G16390
47415	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G16715
47416	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G23140
47417	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G39790
47418	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	AT5G59910
47419	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00065
47420	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00380
47421	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00670
47422	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00740
47423	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00770
47424	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00790
47425	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00800
47426	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00820
47427	7	F23 vs. S23	S2-3 up	GO:0009570	Metabolism	Photosynthesis	chloroplast stroma	C	ATCG00830
47428	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G11750
47429	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT1G49970

47430	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT2G01140
47431	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT3G45980
47432	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	AT5G59910
47433	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00065
47434	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG00740
47435	7	F23 vs. S23	S2-3 up	GO:0009534	Metabolism	Photosynthesis	chloroplast thylakoid	C	ATCG01070
47436	7	F23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G19830
47437	7	F23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G23900
47438	7	F23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT4G24930
47439	7	F23 vs. S23	S2-3 up	GO:0009543	Metabolism	Photosynthesis	chloroplast thylakoid lumen	C	AT5G45040
47440	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G33810
47441	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G52410
47442	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT1G54500
47443	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G21160
47444	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT2G45180
47445	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G21055
47446	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT3G27830
47447	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G16620
47448	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	AT5G23140
47449	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00510
47450	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG00670
47451	7	F23 vs. S23	S2-3 up	GO:0009535	Metabolism	Photosynthesis	chloroplast thylakoid membrane	C	ATCG01070
47452	7	F23 vs. S23	S2-3 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	AT1G11750
47453	7	F23 vs. S23	S2-3 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	AT1G49970
47454	7	F23 vs. S23	S2-3 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	AT5G23140
47455	7	F23 vs. S23	S2-3 up	GO:0009840	Metabolism	Photosynthesis	chloroplastic endopeptidase Clp complex	C	ATCG00670
47456	7	F23 vs. S23	S2-3 up	GO:0010019	Metabolism	Photosynthesis	chloroplast-nucleus signaling pathway	P	AT2G42810
47457	7	F23 vs. S23	S2-3 up	GO:0030388	Metabolism	Photosynthesis	fructose 1,6-bisphosphate metabolic process	P	AT2G01140
47458	7	F23 vs. S23	S2-3 up	GO:0006002	Metabolism	Photosynthesis	fructose 6-phosphate metabolic process	P	AT4G32840
47459	7	F23 vs. S23	S2-3 up	GO:0004332	Metabolism	Photosynthesis	fructose-bisphosphate aldolase activity	F	AT2G01140
47460	7	F23 vs. S23	S2-3 up	GO:0006788	Metabolism	Photosynthesis	heme oxidation	P	AT2G26550
47461	7	F23 vs. S23	S2-3 up	GO:0004392	Metabolism	Photosynthesis	heme oxygenase (decyclizing) activity	F	AT2G26550
47462	7	F23 vs. S23	S2-3 up	GO:1902325	Metabolism	Photosynthesis	negative regulation of chlorophyll biosynthetic process	P	AT2G42810
47463	7	F23 vs. S23	S2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT1G11750
47464	7	F23 vs. S23	S2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT2G26550
47465	7	F23 vs. S23	S2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G21055
47466	7	F23 vs. S23	S2-3 up	GO:0015979	Metabolism	Photosynthesis	photosynthesis	P	AT3G56090
47467	7	F23 vs. S23	S2-3 up	GO:0009773	Metabolism	Photosynthesis	photosynthetic electron transport in photosystem I	P	AT5G45040
47468	7	F23 vs. S23	S2-3 up	GO:0009522	Metabolism	Photosynthesis	photosystem I	C	ATCG00510
47469	7	F23 vs. S23	S2-3 up	GO:0009523	Metabolism	Photosynthesis	photosystem II	C	AT3G21055
47470	7	F23 vs. S23	S2-3 up	GO:0010207	Metabolism	Photosynthesis	photosystem II assembly	P	AT1G54500
47471	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G03860
47472	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G18870
47473	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G33810
47474	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT1G53320
47475	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G01140
47476	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G38140
47477	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT2G44650
47478	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G06960
47479	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G08710
47480	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G20390
47481	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G46740
47482	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G59840
47483	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT3G60210
47484	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G30010

47485	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT4G32470
47486	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G09270
47487	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13510
47488	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G13560
47489	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14680
47490	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G14920
47491	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15090
47492	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G15760
47493	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16050
47494	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16060
47495	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16150
47496	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16390
47497	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16590
47498	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G16620
47499	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G20060
47500	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G20950
47501	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G22440
47502	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G22580
47503	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G22650
47504	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23140
47505	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23290
47506	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23740
47507	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G23900
47508	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25090
47509	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G25100
47510	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G26230
47511	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G26710
47512	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27700
47513	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G27850
47514	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G28060
47515	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G35160
47516	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G39410
47517	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G39850
47518	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G42190
47519	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G43810
47520	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G45750
47521	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G45775
47522	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G46070
47523	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47700
47524	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47710
47525	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G47930
47526	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G48760
47527	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49190
47528	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G49555
47529	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G50460
47530	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G50810
47531	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G52240
47532	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G53620
47533	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55160
47534	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55190
47535	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55230
47536	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55480
47537	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55660
47538	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G55940
47539	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56590
47540	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56600

47541	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56670
47542	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56710
47543	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G56940
47544	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57290
47545	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G57490
47546	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58140
47547	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G58420
47548	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59910
47549	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G59970
47550	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G60670
47551	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61130
47552	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61170
47553	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G61910
47554	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G62575
47555	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64130
47556	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64140
47557	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G64870
47558	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65360
47559	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	AT5G65950
47560	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00065
47561	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00380
47562	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00740
47563	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00770
47564	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00790
47565	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00800
47566	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00820
47567	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG00830
47568	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01020
47569	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01070
47570	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01130
47571	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01230
47572	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATCG01240
47573	7	F23 vs. S23	S2-3 up	GO:0009536	Metabolism	Photosynthesis	plastid	C	ATMG01190
47574	7	F23 vs. S23	S2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	AT3G27830
47575	7	F23 vs. S23	S2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00790
47576	7	F23 vs. S23	S2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG00830
47577	7	F23 vs. S23	S2-3 up	GO:0000311	Metabolism	Photosynthesis	plastid large ribosomal subunit	C	ATCG01020
47578	7	F23 vs. S23	S2-3 up	GO:0042170	Metabolism	Photosynthesis	plastid membrane	C	AT5G49190
47579	7	F23 vs. S23	S2-3 up	GO:0009547	Metabolism	Photosynthesis	plastid ribosome	C	ATCG00820
47580	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00065
47581	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00380
47582	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00770
47583	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00800
47584	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG00820
47585	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG01230
47586	7	F23 vs. S23	S2-3 up	GO:0000312	Metabolism	Photosynthesis	plastid small ribosomal subunit	C	ATCG01240
47587	7	F23 vs. S23	S2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT1G11750
47588	7	F23 vs. S23	S2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT1G49970
47589	7	F23 vs. S23	S2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	AT5G23140
47590	7	F23 vs. S23	S2-3 up	GO:0009532	Metabolism	Photosynthesis	plastid stroma	C	ATCG00670
47591	7	F23 vs. S23	S2-3 up	GO:0042793	Metabolism	Photosynthesis	plastid transcription	P	AT3G54090
47592	7	F23 vs. S23	S2-3 up	GO:0032544	Metabolism	Photosynthesis	plastid translation	P	AT2G38140
47593	7	F23 vs. S23	S2-3 up	GO:0010287	Metabolism	Photosynthesis	plastoglobule	C	AT2G01140
47594	7	F23 vs. S23	S2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT3G46740
47595	7	F23 vs. S23	S2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	AT5G16620
47596	7	F23 vs. S23	S2-3 up	GO:0045037	Metabolism	Photosynthesis	protein import into chloroplast stroma	P	ATCG01130

47597	7	F23 vs. S23	S2-3 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT3G46740
47598	7	F23 vs. S23	S2-3 up	GO:0045036	Metabolism	Photosynthesis	protein targeting to chloroplast	P	AT4G26670
47599	7	F23 vs. S23	S2-3 up	GO:0018298	Metabolism	Photosynthesis	protein-chromophore linkage	P	AT5G58140
47600	7	F23 vs. S23	S2-3 up	GO:0010380	Metabolism	Photosynthesis	regulation of chlorophyll biosynthetic process	P	AT2G25180
47601	7	F23 vs. S23	S2-3 up	GO:0016114	Metabolism	Photosynthesis	terpenoid biosynthetic process	P	AT3G25180
47602	7	F23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT1G21750
47603	7	F23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G20390
47604	7	F23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT3G27830
47605	7	F23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	AT4G24930
47606	7	F23 vs. S23	S2-3 up	GO:0009579	Metabolism	Photosynthesis	thylakoid	C	ATCG01240
47607	7	F23 vs. S23	S2-3 up	GO:0031977	Metabolism	Photosynthesis	thylakoid lumen	C	AT4G24930
47608	7	F23 vs. S23	S2-3 up	GO:0042651	Metabolism	Photosynthesis	thylakoid membrane	C	AT4G38160
47609	7	F23 vs. S23	S2-3 up	GO:0031897	Metabolism	Photosynthesis	Tic complex	C	AT5G16620
47610	7	F23 vs. S23	S2-3 up	GO:0031897	Metabolism	Photosynthesis	Tic complex	C	ATCG01130
47611	7	F23 vs. S23	S2-3 up	GO:0010006	Metabolism	Photosynthesis	Toc complex	C	AT3G46740
47612	7	F23 vs. S23	S2-3 up	GO:0061927	Metabolism	Photosynthesis	TOC-TIC supercomplex I	C	AT3G46740
47613	7	F23 vs. S23	S2-3 up	GO:0034196	Metabolism	Transporters	acylglycerol transport	P	AT3G06960
47614	7	F23 vs. S23	S2-3 up	GO:0003333	Metabolism	Transporters	amino acid transmembrane transport	P	AT5G02170
47615	7	F23 vs. S23	S2-3 up	GO:0015171	Metabolism	Transporters	amino acid transmembrane transporter activity	F	AT5G02170
47616	7	F23 vs. S23	S2-3 up	GO:0008519	Metabolism	Transporters	ammonium transmembrane transporter activity	F	AT3G16240
47617	7	F23 vs. S23	S2-3 up	GO:0098656	Metabolism	Transporters	anion transmembrane transport	P	AT5G15090
47618	7	F23 vs. S23	S2-3 up	GO:0098656	Metabolism	Transporters	anion transmembrane transport	P	AT5G57490
47619	7	F23 vs. S23	S2-3 up	GO:0015301	Metabolism	Transporters	anion:anion antiporter activity	F	AT4G02700
47620	7	F23 vs. S23	S2-3 up	GO:0015297	Metabolism	Transporters	antiporter activity	F	AT4G23010
47621	7	F23 vs. S23	S2-3 up	GO:0015181	Metabolism	Transporters	arginine transmembrane transporter activity	F	AT2G01170
47622	7	F23 vs. S23	S2-3 up	GO:0140326	Metabolism	Transporters	ATPase-coupled intramembrane lipid transporter activity	F	AT3G27870
47623	7	F23 vs. S23	S2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G02520
47624	7	F23 vs. S23	S2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT1G51460
47625	7	F23 vs. S23	S2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT2G13610
47626	7	F23 vs. S23	S2-3 up	GO:0042626	Metabolism	Transporters	ATPase-coupled transmembrane transporter activity	F	AT5G52860
47627	7	F23 vs. S23	S2-3 up	GO:0015174	Metabolism	Transporters	basic amino acid transmembrane transporter activity	F	AT3G19553
47628	7	F23 vs. S23	S2-3 up	GO:0070588	Metabolism	Transporters	calcium ion transmembrane transport	P	AT1G27770
47629	7	F23 vs. S23	S2-3 up	GO:0005388	Metabolism	Transporters	calcium transmembrane transporter activity, phosphorylative mechanism	F	AT1G27770
47630	7	F23 vs. S23	S2-3 up	GO:0033231	Metabolism	Transporters	carbohydrate export	P	AT4G15920
47631	7	F23 vs. S23	S2-3 up	GO:0015144	Metabolism	Transporters	carbohydrate transmembrane transporter activity	F	AT5G16150
47632	7	F23 vs. S23	S2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT4G15920
47633	7	F23 vs. S23	S2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT4G23010
47634	7	F23 vs. S23	S2-3 up	GO:0008643	Metabolism	Transporters	carbohydrate transport	P	AT5G50790
47635	7	F23 vs. S23	S2-3 up	GO:0005351	Metabolism	Transporters	carbohydrate:proton symporter activity	F	AT5G16150
47636	7	F23 vs. S23	S2-3 up	GO:0006812	Metabolism	Transporters	cation transport	P	AT4G22120
47637	7	F23 vs. S23	S2-3 up	GO:0072321	Metabolism	Transporters	chaperone-mediated protein transport	P	AT5G50810
47638	7	F23 vs. S23	S2-3 up	GO:0006821	Metabolism	Transporters	chloride transport	P	AT5G62290
47639	7	F23 vs. S23	S2-3 up	GO:0030276	Metabolism	Transporters	clathrin binding	F	AT1G75310
47640	7	F23 vs. S23	S2-3 up	GO:0030665	Metabolism	Transporters	clathrin-coated vesicle membrane	C	AT2G34940
47641	7	F23 vs. S23	S2-3 up	GO:0030134	Metabolism	Transporters	COPII-coated ER to Golgi transport vesicle	C	AT2G37975
47642	7	F23 vs. S23	S2-3 up	GO:0080051	Metabolism	Transporters	cutin transport	P	AT1G51460
47643	7	F23 vs. S23	S2-3 up	GO:0031410	Metabolism	Transporters	cytoplasmic vesicle	C	AT2G45170
47644	7	F23 vs. S23	S2-3 up	GO:0005769	Metabolism	Transporters	early endosome	C	AT2G38410
47645	7	F23 vs. S23	S2-3 up	GO:0031901	Metabolism	Transporters	early endosome membrane	C	AT2G38410

47646	7	F23 vs. S23	S2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT1G48240
47647	7	F23 vs. S23	S2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT2G20930
47648	7	F23 vs. S23	S2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT2G37975
47649	7	F23 vs. S23	S2-3 up	GO:0006888	Metabolism	Transporters	endoplasmic reticulum to Golgi vesicle-mediated transport	P	AT3G11730
47650	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT1G51570
47651	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G34940
47652	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT2G43350
47653	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT3G55830
47654	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G14360
47655	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G26550
47656	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT4G33430
47657	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G25100
47658	7	F23 vs. S23	S2-3 up	GO:0005768	Metabolism	Transporters	endosome	C	AT5G35160
47659	7	F23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT1G04260
47660	7	F23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT1G51570
47661	7	F23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT4G33430
47662	7	F23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G25100
47663	7	F23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G35160
47664	7	F23 vs. S23	S2-3 up	GO:0010008	Metabolism	Transporters	endosome membrane	C	AT5G52240
47665	7	F23 vs. S23	S2-3 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT1G17730
47666	7	F23 vs. S23	S2-3 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT1G73030
47667	7	F23 vs. S23	S2-3 up	GO:0032509	Metabolism	Transporters	endosome transport via multivesicular body sorting pathway	P	AT5G44560
47668	7	F23 vs. S23	S2-3 up	GO:1990052	Metabolism	Transporters	ER to chloroplast lipid transport	P	AT3G06960
47669	7	F23 vs. S23	S2-3 up	GO:0012507	Metabolism	Transporters	ER to Golgi transport vesicle membrane	C	AT1G48240
47670	7	F23 vs. S23	S2-3 up	GO:0015755	Metabolism	Transporters	fructose transmembrane transport	P	AT4G15920
47671	7	F23 vs. S23	S2-3 up	GO:0005353	Metabolism	Transporters	fructose transmembrane transporter activity	F	AT4G15920
47672	7	F23 vs. S23	S2-3 up	GO:0015284	Metabolism	Transporters	fructose uniporter activity	F	AT4G15920
47673	7	F23 vs. S23	S2-3 up	GO:0015185	Metabolism	Transporters	gamma-aminobutyric acid transmembrane transporter activity	F	AT2G01170
47674	7	F23 vs. S23	S2-3 up	GO:0015812	Metabolism	Transporters	gamma-aminobutyric acid transport	P	AT2G01170
47675	7	F23 vs. S23	S2-3 up	GO:0006895	Metabolism	Transporters	Golgi to endosome transport	P	AT5G65950
47676	7	F23 vs. S23	S2-3 up	GO:0006893	Metabolism	Transporters	Golgi to plasma membrane transport	P	AT1G76850
47677	7	F23 vs. S23	S2-3 up	GO:0006893	Metabolism	Transporters	Golgi to plasma membrane transport	P	AT3G10380
47678	7	F23 vs. S23	S2-3 up	GO:0006896	Metabolism	Transporters	Golgi to vacuole transport	P	AT1G48240
47679	7	F23 vs. S23	S2-3 up	GO:0006896	Metabolism	Transporters	Golgi to vacuole transport	P	AT2G34940
47680	7	F23 vs. S23	S2-3 up	GO:0017119	Metabolism	Transporters	Golgi transport complex	C	AT2G34940
47681	7	F23 vs. S23	S2-3 up	GO:0015886	Metabolism	Transporters	heme transport	P	ATMG00830
47682	7	F23 vs. S23	S2-3 up	GO:0015232	Metabolism	Transporters	heme transporter activity	F	ATMG00830
47683	7	F23 vs. S23	S2-3 up	GO:0005315	Metabolism	Transporters	inorganic phosphate transmembrane transporter activity	F	AT3G26570
47684	7	F23 vs. S23	S2-3 up	GO:0031359	Metabolism	Transporters	integral component of chloroplast outer membrane	C	AT3G46740
47685	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G02620
47686	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G16920
47687	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT1G54030
47688	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT2G40060
47689	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G07890
47690	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT3G11730
47691	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G17060
47692	7	F23 vs. S23	S2-3 up	GO:0006886	Metabolism	Transporters	intracellular protein transport	P	AT5G45750

47693	7	F23 vs. S23	S2-3 up	GO:0046907	Metabolism	Transporters	intracellular transport	P	AT3G60600
47694	7	F23 vs. S23	S2-3 up	GO:0006891	Metabolism	Transporters	intra-Golgi vesicle-mediated transport	P	AT1G48240
47695	7	F23 vs. S23	S2-3 up	GO:0015662	Metabolism	Transporters	ion transmembrane transporter activity, phosphorylative mechanism	F	AT3G27870
47696	7	F23 vs. S23	S2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT3G56090
47697	7	F23 vs. S23	S2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT4G12420
47698	7	F23 vs. S23	S2-3 up	GO:0006826	Metabolism	Transporters	iron ion transport	P	AT4G22010
47699	7	F23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT1G63640
47700	7	F23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G16060
47701	7	F23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G20150
47702	7	F23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT3G23670
47703	7	F23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT4G21270
47704	7	F23 vs. S23	S2-3 up	GO:0005871	Metabolism	Transporters	kinesin complex	C	AT5G65930
47705	7	F23 vs. S23	S2-3 up	GO:0015180	Metabolism	Transporters	L-alanine transmembrane transporter activity	F	AT2G01170
47706	7	F23 vs. S23	S2-3 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT1G17730
47707	7	F23 vs. S23	S2-3 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT1G73030
47708	7	F23 vs. S23	S2-3 up	GO:0045324	Metabolism	Transporters	late endosome to vacuole transport	P	AT5G44560
47709	7	F23 vs. S23	S2-3 up	GO:0005313	Metabolism	Transporters	L-glutamate transmembrane transporter activity	F	AT2G01170
47710	7	F23 vs. S23	S2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT1G27950
47711	7	F23 vs. S23	S2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G48485
47712	7	F23 vs. S23	S2-3 up	GO:0006869	Metabolism	Transporters	lipid transport	P	AT5G59310
47713	7	F23 vs. S23	S2-3 up	GO:0005319	Metabolism	Transporters	lipid transporter activity	F	AT5G48485
47714	7	F23 vs. S23	S2-3 up	GO:0015189	Metabolism	Transporters	L-lysine transmembrane transporter activity	F	AT2G01170
47715	7	F23 vs. S23	S2-3 up	GO:0009673	Metabolism	Transporters	low-affinity phosphate transmembrane transporter activity	F	AT3G26570
47716	7	F23 vs. S23	S2-3 up	GO:0015693	Metabolism	Transporters	magnesium ion transport	P	AT4G09640
47717	7	F23 vs. S23	S2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT3G24450
47718	7	F23 vs. S23	S2-3 up	GO:0030001	Metabolism	Transporters	metal ion transport	P	AT5G24580
47719	7	F23 vs. S23	S2-3 up	GO:0015200	Metabolism	Transporters	methylammonium transmembrane transporter activity	F	AT3G16240
47720	7	F23 vs. S23	S2-3 up	GO:0010360	Metabolism	Transporters	negative regulation of anion channel activity	P	AT4G05590
47721	7	F23 vs. S23	S2-3 up	GO:0010362	Metabolism	Transporters	negative regulation of anion channel activity by blue light	P	AT5G58140
47722	7	F23 vs. S23	S2-3 up	GO:1901017	Metabolism	Transporters	negative regulation of potassium ion transmembrane transporter activity	P	AT4G05590
47723	7	F23 vs. S23	S2-3 up	GO:0015112	Metabolism	Transporters	nitrate transmembrane transporter activity	F	AT5G50200
47724	7	F23 vs. S23	S2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT3G60320
47725	7	F23 vs. S23	S2-3 up	GO:0015706	Metabolism	Transporters	nitrate transport	P	AT5G50200
47726	7	F23 vs. S23	S2-3 up	GO:0071705	Metabolism	Transporters	nitrogen compound transport	P	AT3G60320
47727	7	F23 vs. S23	S2-3 up	GO:0044613	Metabolism	Transporters	nuclear pore central transport channel	C	AT1G27310
47728	7	F23 vs. S23	S2-3 up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT1G27310
47729	7	F23 vs. S23	S2-3 up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT2G42810
47730	7	F23 vs. S23	S2-3 up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT3G25520
47731	7	F23 vs. S23	S2-3 up	GO:0006913	Metabolism	Transporters	nucleocytoplasmic transport	P	AT3G56900
47732	7	F23 vs. S23	S2-3 up	GO:0035435	Metabolism	Transporters	phosphate ion transmembrane transport	P	AT3G26570
47733	7	F23 vs. S23	S2-3 up	GO:0006817	Metabolism	Transporters	phosphate ion transport	P	AT3G26570
47734	7	F23 vs. S23	S2-3 up	GO:0045332	Metabolism	Transporters	phospholipid translocation	P	AT3G27870
47735	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G01620
47736	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G02520
47737	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G04040
47738	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G04270
47739	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G07770
47740	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G08360
47741	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G18540
47742	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G18650
47743	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G20450

47744	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G22780
47745	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G23290
47746	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G28110
47747	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G28290
47748	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G34030
47749	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G48240
47750	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G51460
47751	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G51570
47752	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G54030
47753	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G67430
47754	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69295
47755	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69700
47756	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G69840
47757	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G71695
47758	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G73590
47759	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G73620
47760	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G74050
47761	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G76850
47762	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT1G79810
47763	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G02130
47764	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G09990
47765	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G19730
47766	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G20750
47767	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G25060
47768	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G25270
47769	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G30110
47770	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G33330
47771	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G35630
47772	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G36160
47773	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G37190
47774	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G39460
47775	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G40510
47776	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G42810
47777	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G42910
47778	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT2G45710
47779	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G02080
47780	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G02260
47781	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G02880
47782	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G05230
47783	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G08680
47784	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G09500
47785	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G10380
47786	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G11910
47787	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G11940
47788	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G12870
47789	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G14600
47790	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16240
47791	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G16410
47792	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G18740
47793	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G18860
47794	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G20820
47795	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G27830
47796	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G46030
47797	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G48930
47798	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G60190
47799	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT3G61110

47800	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G03550
47801	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G09800
47802	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G12420
47803	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G14360
47804	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G17330
47805	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G18465
47806	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G21710
47807	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G22010
47808	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G22470
47809	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G27450
47810	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G27500
47811	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G29410
47812	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G34150
47813	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT4G35800
47814	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G02610
47815	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G06860
47816	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G07300
47817	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G08000
47818	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G09510
47819	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G10360
47820	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G12970
47821	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G16590
47822	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G18070
47823	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G20250
47824	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G20950
47825	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G23400
47826	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25090
47827	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G25100
47828	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G27850
47829	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G39850
47830	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G42100
47831	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G48485
47832	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G55190
47833	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G55480
47834	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G56710
47835	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G61130
47836	7	F23 vs. S23	S2-3 up	GO:0009506	Metabolism	Transporters	plasmodesma	C	AT5G61790
47837	7	F23 vs. S23	S2-3 up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT2G33330
47838	7	F23 vs. S23	S2-3 up	GO:0010497	Metabolism	Transporters	plasmodesmata-mediated intercellular transport	P	AT2G37590
47839	7	F23 vs. S23	S2-3 up	GO:0015203	Metabolism	Transporters	polyamine transmembrane transporter activity	F	AT3G19553
47840	7	F23 vs. S23	S2-3 up	GO:0015846	Metabolism	Transporters	polyamine transport	P	AT3G19553
47841	7	F23 vs. S23	S2-3 up	GO:0046930	Metabolism	Transporters	pore complex	C	AT5G15090
47842	7	F23 vs. S23	S2-3 up	GO:0046930	Metabolism	Transporters	pore complex	C	AT5G57490
47843	7	F23 vs. S23	S2-3 up	GO:0015450	Metabolism	Transporters	P-P-bond-hydrolysis-driven protein transmembrane transporter activity	F	AT1G27390
47844	7	F23 vs. S23	S2-3 up	GO:0015450	Metabolism	Transporters	P-P-bond-hydrolysis-driven protein transmembrane transporter activity	F	AT3G46740
47845	7	F23 vs. S23	S2-3 up	GO:0015450	Metabolism	Transporters	P-P-bond-hydrolysis-driven protein transmembrane transporter activity	F	AT3G48570
47846	7	F23 vs. S23	S2-3 up	GO:0032527	Metabolism	Transporters	protein exit from endoplasmic reticulum	P	AT1G54030
47847	7	F23 vs. S23	S2-3 up	GO:0030150	Metabolism	Transporters	protein import into mitochondrial matrix	P	AT2G35795
47848	7	F23 vs. S23	S2-3 up	GO:0030150	Metabolism	Transporters	protein import into mitochondrial matrix	P	AT5G41685
47849	7	F23 vs. S23	S2-3 up	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT1G27310
47850	7	F23 vs. S23	S2-3 up	GO:0006606	Metabolism	Transporters	protein import into nucleus	P	AT5G55190
47851	7	F23 vs. S23	S2-3 up	GO:0045039	Metabolism	Transporters	protein insertion into mitochondrial inner membrane	P	AT4G26670

47852	7	F23 vs. S23	S2-3 up	GO:0045040	Metabolism	Transporters	protein insertion into mitochondrial outer membrane	P	AT1G27390
47853	7	F23 vs. S23	S2-3 up	GO:0045040	Metabolism	Transporters	protein insertion into mitochondrial outer membrane	P	AT3G46740
47854	7	F23 vs. S23	S2-3 up	GO:0008104	Metabolism	Transporters	protein localization	P	AT4G35730
47855	7	F23 vs. S23	S2-3 up	GO:1901703	Metabolism	Transporters	protein localization involved in auxin polar transport	P	AT1G22530
47856	7	F23 vs. S23	S2-3 up	GO:1901703	Metabolism	Transporters	protein localization involved in auxin polar transport	P	AT1G30690
47857	7	F23 vs. S23	S2-3 up	GO:0035372	Metabolism	Transporters	protein localization to microtubule	P	AT5G67270
47858	7	F23 vs. S23	S2-3 up	GO:1904825	Metabolism	Transporters	protein localization to microtubule plus-end	P	AT5G67270
47859	7	F23 vs. S23	S2-3 up	GO:0043495	Metabolism	Transporters	protein membrane anchor	F	AT5G62575
47860	7	F23 vs. S23	S2-3 up	GO:0006626	Metabolism	Transporters	protein targeting to mitochondrion	P	AT1G27390
47861	7	F23 vs. S23	S2-3 up	GO:0006623	Metabolism	Transporters	protein targeting to vacuole	P	AT1G48240
47862	7	F23 vs. S23	S2-3 up	GO:0006623	Metabolism	Transporters	protein targeting to vacuole	P	AT2G34940
47863	7	F23 vs. S23	S2-3 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	AT4G26670
47864	7	F23 vs. S23	S2-3 up	GO:0008320	Metabolism	Transporters	protein transmembrane transporter activity	F	ATCG01130
47865	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G11180
47866	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G17730
47867	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT1G73030
47868	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G19830
47869	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT2G45170
47870	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT3G56900
47871	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT4G26550
47872	7	F23 vs. S23	S2-3 up	GO:0015031	Metabolism	Transporters	protein transport	P	AT5G44560
47873	7	F23 vs. S23	S2-3 up	GO:0015078	Metabolism	Transporters	proton transmembrane transporter activity	F	AT5G55290
47874	7	F23 vs. S23	S2-3 up	GO:0050833	Metabolism	Transporters	pyruvate transmembrane transporter activity	F	AT4G05590
47875	7	F23 vs. S23	S2-3 up	GO:0050833	Metabolism	Transporters	pyruvate transmembrane transporter activity	F	AT4G14695
47876	7	F23 vs. S23	S2-3 up	GO:0010155	Metabolism	Transporters	regulation of proton transport	P	AT4G27500
47877	7	F23 vs. S23	S2-3 up	GO:0060627	Metabolism	Transporters	regulation of vesicle-mediated transport	P	AT1G16920
47878	7	F23 vs. S23	S2-3 up	GO:0008271	Metabolism	Transporters	secondary active sulfate transmembrane transporter activity	F	AT4G02700
47879	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G21720
47880	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G21750
47881	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G27950
47882	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT1G52410
47883	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT2G25060
47884	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G10850
47885	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G44100
47886	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT3G56490
47887	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT4G31840
47888	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G06860
47889	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G48485
47890	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G48490
47891	7	F23 vs. S23	S2-3 up	GO:0099503	Metabolism	Transporters	secretory vesicle	C	AT5G55480
47892	7	F23 vs. S23	S2-3 up	GO:0005484	Metabolism	Transporters	SNAP receptor activity	F	AT1G48240
47893	7	F23 vs. S23	S2-3 up	GO:0000149	Metabolism	Transporters	SNARE binding	F	AT1G48240
47894	7	F23 vs. S23	S2-3 up	GO:0031201	Metabolism	Transporters	SNARE complex	C	AT1G48240
47895	7	F23 vs. S23	S2-3 up	GO:0008515	Metabolism	Transporters	sucrose transmembrane transporter activity	F	AT5G50790
47896	7	F23 vs. S23	S2-3 up	GO:0015770	Metabolism	Transporters	sucrose transport	P	AT5G50790
47897	7	F23 vs. S23	S2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT4G15920
47898	7	F23 vs. S23	S2-3 up	GO:0051119	Metabolism	Transporters	sugar transmembrane transporter activity	F	AT5G50790
47899	7	F23 vs. S23	S2-3 up	GO:0000103	Metabolism	Transporters	sulfate assimilation	P	AT4G14680
47900	7	F23 vs. S23	S2-3 up	GO:0015116	Metabolism	Transporters	sulfate transmembrane transporter activity	F	AT4G02700
47901	7	F23 vs. S23	S2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G19553
47902	7	F23 vs. S23	S2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT3G26570
47903	7	F23 vs. S23	S2-3 up	GO:0015293	Metabolism	Transporters	symporter activity	F	AT4G02700
47904	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G02730

47905	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT1G16920
47906	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G34940
47907	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT2G43350
47908	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT3G55830
47909	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G14360
47910	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT4G26550
47911	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G25100
47912	7	F23 vs. S23	S2-3 up	GO:0005802	Metabolism	Transporters	trans-Golgi network	C	AT5G35160
47913	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G01620
47914	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G02520
47915	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G51460
47916	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT1G73590
47917	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G13610
47918	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT2G36830
47919	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT3G16240
47920	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G52860
47921	7	F23 vs. S23	S2-3 up	GO:0055085	Metabolism	Transporters	transmembrane transport	P	AT5G55290
47922	7	F23 vs. S23	S2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT1G75500
47923	7	F23 vs. S23	S2-3 up	GO:0022857	Metabolism	Transporters	transmembrane transporter activity	F	AT4G23010
47924	7	F23 vs. S23	S2-3 up	GO:0046739	Metabolism	Transporters	transport of virus in multicellular host	P	AT1G04260
47925	7	F23 vs. S23	S2-3 up	GO:0046739	Metabolism	Transporters	transport of virus in multicellular host	P	AT2G33330
47926	7	F23 vs. S23	S2-3 up	GO:0030658	Metabolism	Transporters	transport vesicle membrane	C	AT1G11180
47927	7	F23 vs. S23	S2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G48600
47928	7	F23 vs. S23	S2-3 up	GO:0005215	Metabolism	Transporters	transporter activity	F	AT5G62410
47929	7	F23 vs. S23	S2-3 up	GO:0072334	Metabolism	Transporters	UDP-galactose transmembrane transport	P	AT4G23010
47930	7	F23 vs. S23	S2-3 up	GO:0005459	Metabolism	Transporters	UDP-galactose transmembrane transporter activity	F	AT4G23010
47931	7	F23 vs. S23	S2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT2G36830
47932	7	F23 vs. S23	S2-3 up	GO:0015204	Metabolism	Transporters	urea transmembrane transporter activity	F	AT3G16240
47933	7	F23 vs. S23	S2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT2G36830
47934	7	F23 vs. S23	S2-3 up	GO:0015840	Metabolism	Transporters	urea transport	P	AT3G16240
47935	7	F23 vs. S23	S2-3 up	GO:0007034	Metabolism	Transporters	vacuolar transport	P	AT2G19830
47936	7	F23 vs. S23	S2-3 up	GO:0031982	Metabolism	Transporters	vesicle	C	AT1G51570
47937	7	F23 vs. S23	S2-3 up	GO:0031982	Metabolism	Transporters	vesicle	C	AT1G75310
47938	7	F23 vs. S23	S2-3 up	GO:0031982	Metabolism	Transporters	vesicle	C	AT4G38680
47939	7	F23 vs. S23	S2-3 up	GO:0006904	Metabolism	Transporters	vesicle docking involved in exocytosis	P	AT3G10380
47940	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G04260
47941	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G17730
47942	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G73030
47943	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT1G76850
47944	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT2G19830
47945	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT3G12180
47946	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT3G60190
47947	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT4G26550
47948	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G17060
47949	7	F23 vs. S23	S2-3 up	GO:0016192	Metabolism	Transporters	vesicle-mediated transport	P	AT5G44560
47950	7	F23 vs. S23	S2-3 up	GO:0008308	Metabolism	Transporters	voltage-gated anion channel activity	F	AT5G15090
47951	7	F23 vs. S23	S2-3 up	GO:0008308	Metabolism	Transporters	voltage-gated anion channel activity	F	AT5G57490
47952	7	F23 vs. S23	S2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT1G01620
47953	7	F23 vs. S23	S2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT2G36830
47954	7	F23 vs. S23	S2-3 up	GO:0015250	Metabolism	Transporters	water channel activity	F	AT3G16240
47955	7	F23 vs. S23	S2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT1G01620
47956	7	F23 vs. S23	S2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT2G36830
47957	7	F23 vs. S23	S2-3 up	GO:0006833	Metabolism	Transporters	water transport	P	AT3G16240
47958	7	F23 vs. S23	S2-3 up	GO:0016255	Regulation	Protein modification	attachment of GPI anchor to protein	P	AT1G08750
47959	7	F23 vs. S23	S2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT1G14980
47960	7	F23 vs. S23	S2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT2G44650

47961	7	F23 vs. S23	S2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT3G60210
47962	7	F23 vs. S23	S2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT5G01390
47963	7	F23 vs. S23	S2-3 up	GO:0051087	Regulation	Protein modification	chaperone binding	F	AT5G58110
47964	7	F23 vs. S23	S2-3 up	GO:0097361	Regulation	Protein modification	CIA complex	C	AT2G26060
47965	7	F23 vs. S23	S2-3 up	GO:0033185	Regulation	Protein modification	dolichol-phosphate-mannose synthase complex	C	AT1G48140
47966	7	F23 vs. S23	S2-3 up	GO:0033185	Regulation	Protein modification	dolichol-phosphate-mannose synthase complex	C	AT1G74340
47967	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G04260
47968	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G08750
47969	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G18540
47970	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G21750
47971	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27770
47972	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G27950
47973	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G32210
47974	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G48140
47975	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G51570
47976	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G54030
47977	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G65270
47978	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G68000
47979	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT1G74340
47980	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G21160
47981	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G32220
47982	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33370
47983	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33640
47984	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G33830
47985	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G34480
47986	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36160
47987	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G36620
47988	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37190
47989	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37470
47990	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G37600
47991	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G38140
47992	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G43350
47993	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT2G44080
47994	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G05230
47995	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G06960
47996	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G09090
47997	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G23150
47998	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G48410
47999	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G55360
48000	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G56900
48001	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT3G60600
48002	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G00100
48003	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G01040
48004	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G01320
48005	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G14420
48006	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G14730
48007	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT4G27500
48008	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G05670
48009	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G11560
48010	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G12970
48011	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G14850
48012	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G20520
48013	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G41060
48014	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G42100
48015	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G46150
48016	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G48485

48017	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G50375
48018	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G52240
48019	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G55940
48020	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G58640
48021	7	F23 vs. S23	S2-3 up	GO:0005783	Regulation	Protein modification	endoplasmic reticulum	C	AT5G61790
48022	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G34190
48023	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G48140
48024	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G48240
48025	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G51570
48026	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT1G71830
48027	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G21160
48028	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT2G37975
48029	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G10500
48030	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G23150
48031	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G46220
48032	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G48570
48033	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G54720
48034	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G55360
48035	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT3G60600
48036	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G27500
48037	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT4G36380
48038	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G07630
48039	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G14850
48040	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G24910
48041	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G46850
48042	7	F23 vs. S23	S2-3 up	GO:0005789	Regulation	Protein modification	endoplasmic reticulum membrane	C	AT5G61790
48043	7	F23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT1G74340
48044	7	F23 vs. S23	S2-3 up	GO:0030234	Regulation	Protein modification	enzyme regulator activity	F	AT3G16410
48045	7	F23 vs. S23	S2-3 up	GO:0072546	Regulation	Protein modification	ER membrane protein complex	C	AT5G11560
48046	7	F23 vs. S23	S2-3 up	GO:0072546	Regulation	Protein modification	ER membrane protein complex	C	AT5G49540
48047	7	F23 vs. S23	S2-3 up	GO:0072546	Regulation	Protein modification	ER membrane protein complex	C	AT5G55940
48048	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G02730
48049	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G04920
48050	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G11180
48051	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G11940
48052	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G14100
48053	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G22530
48054	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27120
48055	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G27950
48056	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G32930
48057	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G48240
48058	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G51570
48059	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT1G68000
48060	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G20930
48061	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G21160
48062	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G33640
48063	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G39460
48064	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G40010
48065	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G40060
48066	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G40510
48067	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G43350
48068	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT2G47110
48069	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G16240
48070	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT3G55830
48071	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G03550
48072	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G14360

48073	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G14420
48074	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G26550
48075	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G34870
48076	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT4G39220
48077	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G06860
48078	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G11560
48079	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16050
48080	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G16280
48081	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G17060
48082	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G25100
48083	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G35160
48084	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G41060
48085	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G46150
48086	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G52240
48087	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G55190
48088	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G55290
48089	7	F23 vs. S23	S2-3 up	GO:0005794	Regulation	Protein modification	Golgi apparatus	C	AT5G58140
48090	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G02730
48091	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G11180
48092	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G27120
48093	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G32930
48094	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT1G51570
48095	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT2G34940
48096	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G11730
48097	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT3G55830
48098	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT4G14360
48099	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G25100
48100	7	F23 vs. S23	S2-3 up	GO:0000139	Regulation	Protein modification	Golgi membrane	C	AT5G35160
48101	7	F23 vs. S23	S2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT2G37975
48102	7	F23 vs. S23	S2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT4G23010
48103	7	F23 vs. S23	S2-3 up	GO:0030173	Regulation	Protein modification	integral component of Golgi membrane	C	AT4G39220
48104	7	F23 vs. S23	S2-3 up	GO:0051457	Regulation	Protein modification	maintenance of protein location in nucleus	P	AT3G54220
48105	7	F23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT1G19640
48106	7	F23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT3G60910
48107	7	F23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G08240
48108	7	F23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G14000
48109	7	F23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT4G14360
48110	7	F23 vs. S23	S2-3 up	GO:0032259	Regulation	Protein modification	methylation	P	AT5G66440
48111	7	F23 vs. S23	S2-3 up	GO:0031416	Regulation	Protein modification	NatB complex	C	AT1G03150
48112	7	F23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT4G33400
48113	7	F23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT4G39910
48114	7	F23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G17060
48115	7	F23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G21170
48116	7	F23 vs. S23	S2-3 up	GO:0006499	Regulation	Protein modification	N-terminal protein myristoylation	P	AT5G50860
48117	7	F23 vs. S23	S2-3 up	GO:0008250	Regulation	Protein modification	oligosaccharyltransferase complex	C	AT1G32210
48118	7	F23 vs. S23	S2-3 up	GO:0008250	Regulation	Protein modification	oligosaccharyltransferase complex	C	AT4G29870
48119	7	F23 vs. S23	S2-3 up	GO:0018230	Regulation	Protein modification	peptidyl-L-cysteine S-palmitoylation	P	AT2G33640
48120	7	F23 vs. S23	S2-3 up	GO:0018230	Regulation	Protein modification	peptidyl-L-cysteine S-palmitoylation	P	AT5G41060
48121	7	F23 vs. S23	S2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT2G38730
48122	7	F23 vs. S23	S2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G19830
48123	7	F23 vs. S23	S2-3 up	GO:0003755	Regulation	Protein modification	peptidyl-prolyl cis-trans isomerase activity	F	AT4G34870
48124	7	F23 vs. S23	S2-3 up	GO:0035335	Regulation	Protein modification	peptidyl-tyrosine dephosphorylation	P	AT3G19420
48125	7	F23 vs. S23	S2-3 up	GO:0016272	Regulation	Protein modification	prefoldin complex	C	AT5G23290
48126	7	F23 vs. S23	S2-3 up	GO:0051259	Regulation	Protein modification	protein complex oligomerization	P	AT1G07400
48127	7	F23 vs. S23	S2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT3G02070
48128	7	F23 vs. S23	S2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT3G11910

48129	7	F23 vs. S23	S2-3 up	GO:0016579	Regulation	Protein modification	protein deubiquitination	P	AT4G39910
48130	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G18400
48131	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G24260
48132	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT1G25330
48133	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT2G27230
48134	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G09960
48135	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT4G18960
48136	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	AT5G55230
48137	7	F23 vs. S23	S2-3 up	GO:0046983	Regulation	Protein modification	protein dimerization activity	F	ATCG00740
48138	7	F23 vs. S23	S2-3 up	GO:0003756	Regulation	Protein modification	protein disulfide isomerase activity	F	AT1G21750
48139	7	F23 vs. S23	S2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT3G08710
48140	7	F23 vs. S23	S2-3 up	GO:0015035	Regulation	Protein modification	protein disulfide oxidoreductase activity	F	AT4G33040
48141	7	F23 vs. S23	S2-3 up	GO:0019904	Regulation	Protein modification	protein domain specific binding	F	AT5G16050
48142	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT1G07400
48143	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT1G14980
48144	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT1G21750
48145	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT2G44650
48146	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G01390
48147	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G23290
48148	7	F23 vs. S23	S2-3 up	GO:0006457	Regulation	Protein modification	protein folding	P	AT5G61790
48149	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G14100
48150	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G32930
48151	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G48140
48152	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT1G74340
48153	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT3G11540
48154	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT3G55830
48155	7	F23 vs. S23	S2-3 up	GO:0006486	Regulation	Protein modification	protein glycosylation	P	AT4G29870
48156	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT1G43850
48157	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT1G47870
48158	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G18160
48159	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G37060
48160	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT2G37470
48161	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT3G45980
48162	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT3G46030
48163	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT4G32551
48164	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT4G33430
48165	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G10980
48166	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G59910
48167	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G59970
48168	7	F23 vs. S23	S2-3 up	GO:0046982	Regulation	Protein modification	protein heterodimerization activity	F	AT5G65360
48169	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G08060
48170	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT1G55250
48171	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT2G27230
48172	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT3G06960
48173	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G00570
48174	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G16780
48175	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT4G26670
48176	7	F23 vs. S23	S2-3 up	GO:0042803	Regulation	Protein modification	protein homodimerization activity	F	AT5G65930
48177	7	F23 vs. S23	S2-3 up	GO:0051260	Regulation	Protein modification	protein homooligomerization	P	AT4G15920
48178	7	F23 vs. S23	S2-3 up	GO:1990592	Regulation	Protein modification	protein K69-linked ufmylation	P	AT3G46220
48179	7	F23 vs. S23	S2-3 up	GO:0005956	Regulation	Protein modification	protein kinase CK2 complex	C	AT4G17640
48180	7	F23 vs. S23	S2-3 up	GO:0072657	Regulation	Protein modification	protein localization to membrane	P	AT5G25100
48181	7	F23 vs. S23	S2-3 up	GO:0072657	Regulation	Protein modification	protein localization to membrane	P	AT5G35160
48182	7	F23 vs. S23	S2-3 up	GO:0008276	Regulation	Protein modification	protein methyltransferase activity	F	AT4G31120
48183	7	F23 vs. S23	S2-3 up	GO:0032446	Regulation	Protein modification	protein modification by small protein conjugation	P	AT2G30110
48184	7	F23 vs. S23	S2-3 up	GO:0045116	Regulation	Protein modification	protein neddylation	P	AT5G20570

48185	7	F23 vs. S23	S2-3 up	GO:0006487	Regulation	Protein modification	protein N-linked glycosylation	P	AT1G32210
48186	7	F23 vs. S23	S2-3 up	GO:0018258	Regulation	Protein modification	protein O-linked glycosylation via hydroxyproline	P	AT1G27120
48187	7	F23 vs. S23	S2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT2G38730
48188	7	F23 vs. S23	S2-3 up	GO:0000413	Regulation	Protein modification	protein peptidyl-prolyl isomerization	P	AT4G34870
48189	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT1G07400
48190	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT1G31500
48191	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT1G63480
48192	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G01670
48193	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G22680
48194	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G50950
48195	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT3G54090
48196	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT4G17460
48197	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT4G25320
48198	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT5G48485
48199	7	F23 vs. S23	S2-3 up	GO:0043621	Regulation	Protein modification	protein self-association	F	AT5G51590
48200	7	F23 vs. S23	S2-3 up	GO:0016925	Regulation	Protein modification	protein sumoylation	P	AT2G32765
48201	7	F23 vs. S23	S2-3 up	GO:0016925	Regulation	Protein modification	protein sumoylation	P	AT4G26840
48202	7	F23 vs. S23	S2-3 up	GO:0016925	Regulation	Protein modification	protein sumoylation	P	AT5G55160
48203	7	F23 vs. S23	S2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT2G32765
48204	7	F23 vs. S23	S2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT2G47110
48205	7	F23 vs. S23	S2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT3G52590
48206	7	F23 vs. S23	S2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT4G26840
48207	7	F23 vs. S23	S2-3 up	GO:0031386	Regulation	Protein modification	protein tag	F	AT5G55160
48208	7	F23 vs. S23	S2-3 up	GO:0006605	Regulation	Protein modification	protein targeting	P	AT3G48570
48209	7	F23 vs. S23	S2-3 up	GO:0045047	Regulation	Protein modification	protein targeting to ER	P	AT3G05230
48210	7	F23 vs. S23	S2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT2G33640
48211	7	F23 vs. S23	S2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT3G10380
48212	7	F23 vs. S23	S2-3 up	GO:0006612	Regulation	Protein modification	protein targeting to membrane	P	AT5G41060
48213	7	F23 vs. S23	S2-3 up	GO:0070206	Regulation	Protein modification	protein trimerization	P	AT4G14680
48214	7	F23 vs. S23	S2-3 up	GO:0044877	Regulation	Protein modification	protein-containing complex binding	F	AT5G40770
48215	7	F23 vs. S23	S2-3 up	GO:0019706	Regulation	Protein modification	protein-cysteine S-palmitoyltransferase activity	F	AT2G33640
48216	7	F23 vs. S23	S2-3 up	GO:0019706	Regulation	Protein modification	protein-cysteine S-palmitoyltransferase activity	F	AT5G41060
48217	7	F23 vs. S23	S2-3 up	GO:0031647	Regulation	Protein modification	regulation of protein stability	P	AT3G11910
48218	7	F23 vs. S23	S2-3 up	GO:0043541	Regulation	Protein modification	UDP-N-acetylglucosamine transferase complex	C	AT4G16710
48219	7	F23 vs. S23	S2-3 up	GO:0004596	Regulation	Protein modification	peptide alpha-N-acetyltransferase activity	F	AT1G03150
48220	7	F23 vs. S23	S2-3 up	GO:0033743	Regulation	Protein modification	peptide-methionine (R)-S-oxide reductase activity	F	AT4G04840
48221	7	F23 vs. S23	S2-3 up	GO:0043086	Regulation	Regulation	negative regulation of catalytic activity	P	AT5G62360
48222	7	F23 vs. S23	S2-3 up	GO:0030308	Regulation	Regulation	negative regulation of cell growth	P	AT5G52240
48223	7	F23 vs. S23	S2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT3G54720
48224	7	F23 vs. S23	S2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT4G20400
48225	7	F23 vs. S23	S2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT4G28190
48226	7	F23 vs. S23	S2-3 up	GO:0009910	Regulation	Regulation	negative regulation of flower development	P	AT5G51230
48227	7	F23 vs. S23	S2-3 up	GO:0045926	Regulation	Regulation	negative regulation of growth	P	AT5G27930
48228	7	F23 vs. S23	S2-3 up	GO:0035308	Regulation	Regulation	negative regulation of protein dephosphorylation	P	AT5G64130
48229	7	F23 vs. S23	S2-3 up	GO:1902184	Regulation	Regulation	negative regulation of shoot apical meristem development	P	AT3G49180
48230	7	F23 vs. S23	S2-3 up	GO:2000122	Regulation	Regulation	negative regulation of stomatal complex development	P	AT1G34245
48231	7	F23 vs. S23	S2-3 up	GO:1904277	Regulation	Regulation	negative regulation of wax biosynthetic process	P	AT5G61590
48232	7	F23 vs. S23	S2-3 up	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT1G53230
48233	7	F23 vs. S23	S2-3 up	GO:0045962	Regulation	Regulation	positive regulation of development, heterochronic	P	AT2G31070
48234	7	F23 vs. S23	S2-3 up	GO:0040019	Regulation	Regulation	positive regulation of embryonic development	P	AT5G57390
48235	7	F23 vs. S23	S2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G05690
48236	7	F23 vs. S23	S2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G60910
48237	7	F23 vs. S23	S2-3 up	GO:0009911	Regulation	Regulation	positive regulation of flower development	P	AT5G62000
48238	7	F23 vs. S23	S2-3 up	GO:0031116	Regulation	Regulation	positive regulation of microtubule polymerization	P	AT5G55230

48239	7	F23 vs. S23	S2-3 up	GO:0046622	Regulation	Regulation	positive regulation of organ growth	P	AT2G44080
48240	7	F23 vs. S23	S2-3 up	GO:1903288	Regulation	Regulation	positive regulation of potassium ion import across plasma membrane	P	AT5G62000
48241	7	F23 vs. S23	S2-3 up	GO:0051512	Regulation	Regulation	positive regulation of unidimensional cell growth	P	AT4G32551
48242	7	F23 vs. S23	S2-3 up	GO:1905182	Regulation	Regulation	positive regulation of urease activity	P	AT1G21840
48243	7	F23 vs. S23	S2-3 up	GO:0032956	Regulation	Regulation	regulation of actin cytoskeleton organization	P	AT4G35020
48244	7	F23 vs. S23	S2-3 up	GO:0032970	Regulation	Regulation	regulation of actin filament-based process	P	AT4G33640
48245	7	F23 vs. S23	S2-3 up	GO:2000011	Regulation	Regulation	regulation of adaxial/abaxial pattern formation	P	AT2G27100
48246	7	F23 vs. S23	S2-3 up	GO:0031537	Regulation	Regulation	regulation of anthocyanin metabolic process	P	AT2G25180
48247	7	F23 vs. S23	S2-3 up	GO:0030155	Regulation	Regulation	regulation of cell adhesion	P	AT2G26330
48248	7	F23 vs. S23	S2-3 up	GO:0001558	Regulation	Regulation	regulation of cell growth	P	AT2G26330
48249	7	F23 vs. S23	S2-3 up	GO:0001558	Regulation	Regulation	regulation of cell growth	P	AT4G37490
48250	7	F23 vs. S23	S2-3 up	GO:0001560	Regulation	Regulation	regulation of cell growth by extracellular stimulus	P	AT5G58220
48251	7	F23 vs. S23	S2-3 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT4G03550
48252	7	F23 vs. S23	S2-3 up	GO:0008360	Regulation	Regulation	regulation of cell shape	P	AT4G35020
48253	7	F23 vs. S23	S2-3 up	GO:1903338	Regulation	Regulation	regulation of cell wall organization or biogenesis	P	AT3G16060
48254	7	F23 vs. S23	S2-3 up	GO:1903338	Regulation	Regulation	regulation of cell wall organization or biogenesis	P	AT4G09960
48255	7	F23 vs. S23	S2-3 up	GO:0035303	Regulation	Regulation	regulation of dephosphorylation	P	AT5G18580
48256	7	F23 vs. S23	S2-3 up	GO:0045995	Regulation	Regulation	regulation of embryonic development	P	AT4G32551
48257	7	F23 vs. S23	S2-3 up	GO:2000769	Regulation	Regulation	regulation of establishment or maintenance of cell polarity regulating cell shape	P	AT4G33200
48258	7	F23 vs. S23	S2-3 up	GO:0010080	Regulation	Regulation	regulation of floral meristem growth	P	AT4G28190
48259	7	F23 vs. S23	S2-3 up	GO:0010080	Regulation	Regulation	regulation of floral meristem growth	P	AT5G10510
48260	7	F23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT1G43850
48261	7	F23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT2G45190
48262	7	F23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT4G16280
48263	7	F23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT4G31120
48264	7	F23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT4G32551
48265	7	F23 vs. S23	S2-3 up	GO:0009909	Regulation	Regulation	regulation of flower development	P	AT5G13290
48266	7	F23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G63700
48267	7	F23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT1G68920
48268	7	F23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT2G42830
48269	7	F23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G12830
48270	7	F23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT3G58780
48271	7	F23 vs. S23	S2-3 up	GO:0040008	Regulation	Regulation	regulation of growth	P	AT5G57490
48272	7	F23 vs. S23	S2-3 up	GO:0010081	Regulation	Regulation	regulation of inflorescence meristem growth	P	AT4G28190
48273	7	F23 vs. S23	S2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT2G45190
48274	7	F23 vs. S23	S2-3 up	GO:2000024	Regulation	Regulation	regulation of leaf development	P	AT4G32551
48275	7	F23 vs. S23	S2-3 up	GO:2000025	Regulation	Regulation	regulation of leaf formation	P	AT2G42200
48276	7	F23 vs. S23	S2-3 up	GO:0048509	Regulation	Regulation	regulation of meristem development	P	AT2G18740
48277	7	F23 vs. S23	S2-3 up	GO:0048509	Regulation	Regulation	regulation of meristem development	P	AT2G27100
48278	7	F23 vs. S23	S2-3 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT2G33880
48279	7	F23 vs. S23	S2-3 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT3G49670
48280	7	F23 vs. S23	S2-3 up	GO:0010075	Regulation	Regulation	regulation of meristem growth	P	AT5G13290
48281	7	F23 vs. S23	S2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G20930
48282	7	F23 vs. S23	S2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT1G76540
48283	7	F23 vs. S23	S2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT3G22780
48284	7	F23 vs. S23	S2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT3G49670
48285	7	F23 vs. S23	S2-3 up	GO:0009934	Regulation	Regulation	regulation of meristem structural organization	P	AT5G43810
48286	7	F23 vs. S23	S2-3 up	GO:0031110	Regulation	Regulation	regulation of microtubule polymerization or depolymerization	P	AT5G67270
48287	7	F23 vs. S23	S2-3 up	GO:0061062	Regulation	Regulation	regulation of nematode larval development	P	AT2G22840
48288	7	F23 vs. S23	S2-3 up	GO:0061062	Regulation	Regulation	regulation of nematode larval development	P	AT2G36400
48289	7	F23 vs. S23	S2-3 up	GO:1900030	Regulation	Regulation	regulation of pectin biosynthetic process	P	AT1G44830
48290	7	F23 vs. S23	S2-3 up	GO:1905421	Regulation	Regulation	regulation of plant organ morphogenesis	P	AT2G26330
48291	7	F23 vs. S23	S2-3 up	GO:0010082	Regulation	Regulation	regulation of root meristem growth	P	AT2G25180

48292	7	F23 vs. S23	S2-3 up	GO:0010082	Regulation	Regulation	regulation of root meristem growth	P	AT5G13290
48293	7	F23 vs. S23	S2-3 up	GO:2000032	Regulation	Regulation	regulation of secondary shoot formation	P	AT1G53230
48294	7	F23 vs. S23	S2-3 up	GO:2000032	Regulation	Regulation	regulation of secondary shoot formation	P	AT2G31070
48295	7	F23 vs. S23	S2-3 up	GO:0080113	Regulation	Regulation	regulation of seed growth	P	AT2G25180
48296	7	F23 vs. S23	S2-3 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT2G45190
48297	7	F23 vs. S23	S2-3 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT4G32551
48298	7	F23 vs. S23	S2-3 up	GO:1902183	Regulation	Regulation	regulation of shoot apical meristem development	P	AT5G43810
48299	7	F23 vs. S23	S2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT1G53230
48300	7	F23 vs. S23	S2-3 up	GO:0048831	Regulation	Regulation	regulation of shoot system development	P	AT2G31070
48301	7	F23 vs. S23	S2-3 up	GO:2000037	Regulation	Regulation	regulation of stomatal complex patterning	P	AT2G38620
48302	7	F23 vs. S23	S2-3 up	GO:0051510	Regulation	Regulation	regulation of unidimensional cell growth	P	AT5G56600
48303	7	F23 vs. S23	S2-3 up	GO:0043138	Regulation	Transcription	3'-5' DNA helicase activity	F	AT3G25100
48304	7	F23 vs. S23	S2-3 up	GO:0006370	Regulation	Transcription	7-methylguanosine mRNA capping	P	AT2G13540
48305	7	F23 vs. S23	S2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT1G63480
48306	7	F23 vs. S23	S2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT3G61310
48307	7	F23 vs. S23	S2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT4G25320
48308	7	F23 vs. S23	S2-3 up	GO:0003680	Regulation	Transcription	AT DNA binding	F	AT5G51590
48309	7	F23 vs. S23	S2-3 up	GO:0043044	Regulation	Transcription	ATP-dependent chromatin remodeling	P	AT5G43500
48310	7	F23 vs. S23	S2-3 up	GO:0031490	Regulation	Transcription	chromatin DNA binding	F	AT5G51230
48311	7	F23 vs. S23	S2-3 up	GO:0006338	Regulation	Transcription	chromatin remodeling	P	AT4G20400
48312	7	F23 vs. S23	S2-3 up	GO:0006338	Regulation	Transcription	chromatin remodeling	P	AT4G26630
48313	7	F23 vs. S23	S2-3 up	GO:0006342	Regulation	Transcription	chromatin silencing	P	AT1G08060
48314	7	F23 vs. S23	S2-3 up	GO:0006342	Regulation	Transcription	chromatin silencing	P	AT2G17410
48315	7	F23 vs. S23	S2-3 up	GO:0006342	Regulation	Transcription	chromatin silencing	P	AT2G27040
48316	7	F23 vs. S23	S2-3 up	GO:0006342	Regulation	Transcription	chromatin silencing	P	AT2G32940
48317	7	F23 vs. S23	S2-3 up	GO:0031048	Regulation	Transcription	chromatin silencing by small RNA	P	AT2G27040
48318	7	F23 vs. S23	S2-3 up	GO:0031048	Regulation	Transcription	chromatin silencing by small RNA	P	AT4G16280
48319	7	F23 vs. S23	S2-3 up	GO:0070847	Regulation	Transcription	core mediator complex	C	AT5G19910
48320	7	F23 vs. S23	S2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT2G27040
48321	7	F23 vs. S23	S2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT2G32940
48322	7	F23 vs. S23	S2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT2G40030
48323	7	F23 vs. S23	S2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT3G22680
48324	7	F23 vs. S23	S2-3 up	GO:0006306	Regulation	Transcription	DNA methylation	P	AT5G04560
48325	7	F23 vs. S23	S2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT1G05805
48326	7	F23 vs. S23	S2-3 up	GO:0001228	Regulation	Transcription	DNA-binding transcription activator activity, RNA polymerase II-specific	F	AT2G17410
48327	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G05805
48328	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G18400
48329	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G20693
48330	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G23420
48331	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G24260
48332	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G25330
48333	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G27360
48334	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G27370
48335	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G34190
48336	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G44830
48337	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G47870
48338	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G53230
48339	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G53320
48340	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G68920
48341	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G69780
48342	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT1G76580
48343	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G01060
48344	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G02070
48345	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G02080

48346	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G17410
48347	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G17560
48348	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G18160
48349	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G25180
48350	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G25900
48351	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G27100
48352	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G27230
48353	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G28510
48354	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G28810
48355	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G31070
48356	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G33880
48357	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G34710
48358	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G37060
48359	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G37590
48360	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G41710
48361	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42200
48362	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G42830
48363	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G44745
48364	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT2G45190
48365	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G06740
48366	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G10500
48367	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G12130
48368	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G13040
48369	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G13445
48370	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G13810
48371	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G15270
48372	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G17100
48373	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G22780
48374	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G24050
48375	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G47620
48376	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G54220
48377	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G57670
48378	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT3G58780
48379	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G09960
48380	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G11080
48381	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G14770
48382	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G16780
48383	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G17460
48384	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G18960
48385	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G20400
48386	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G25560
48387	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G36930
48388	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT4G37750
48389	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G06710
48390	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G10510
48391	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G11510
48392	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G28300
48393	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G47370
48394	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G51230
48395	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G57390
48396	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G60910
48397	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G61590
48398	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G62000
48399	7	F23 vs. S23	S2-3 up	GO:0003700	Regulation	Transcription	DNA-binding transcription factor activity	F	AT5G65670
48400	7	F23 vs. S23	S2-3 up	GO:0000981	Regulation	Transcription	DNA-binding transcription factor activity, RNA polymerase II-specific	F	AT1G47870

48401	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT2G40030
48402	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT3G57080
48403	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT4G16265
48404	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT4G21710
48405	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT4G35800
48406	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	AT5G09920
48407	7	F23 vs. S23	S2-3 up	GO:0003899	Regulation	Transcription	DNA-directed 5'-3' RNA polymerase activity	F	ATCG00740
48408	7	F23 vs. S23	S2-3 up	GO:0006354	Regulation	Transcription	DNA-templated transcription, elongation	P	ATCG00740
48409	7	F23 vs. S23	S2-3 up	GO:0006352	Regulation	Transcription	DNA-templated transcription, initiation	P	AT3G13445
48410	7	F23 vs. S23	S2-3 up	GO:0006353	Regulation	Transcription	DNA-templated transcription, termination	P	AT4G38160
48411	7	F23 vs. S23	S2-3 up	GO:0032044	Regulation	Transcription	DSIF complex	C	AT5G63670
48412	7	F23 vs. S23	S2-3 up	GO:0000408	Regulation	Transcription	EKC/KEOPS complex	C	AT2G45270
48413	7	F23 vs. S23	S2-3 up	GO:0070449	Regulation	Transcription	elongin complex	C	AT5G59140
48414	7	F23 vs. S23	S2-3 up	GO:0001158	Regulation	Transcription	enhancer sequence-specific DNA binding	F	AT5G28300
48415	7	F23 vs. S23	S2-3 up	GO:0016458	Regulation	Transcription	gene silencing	P	AT2G24490
48416	7	F23 vs. S23	S2-3 up	GO:0016458	Regulation	Transcription	gene silencing	P	AT2G27040
48417	7	F23 vs. S23	S2-3 up	GO:0031047	Regulation	Transcription	gene silencing by RNA	P	AT1G08060
48418	7	F23 vs. S23	S2-3 up	GO:0031047	Regulation	Transcription	gene silencing by RNA	P	AT1G17760
48419	7	F23 vs. S23	S2-3 up	GO:0031047	Regulation	Transcription	gene silencing by RNA	P	AT2G27880
48420	7	F23 vs. S23	S2-3 up	GO:0031047	Regulation	Transcription	gene silencing by RNA	P	AT5G43810
48421	7	F23 vs. S23	S2-3 up	GO:0004818	Regulation	Transcription	glutamate-tRNA ligase activity	F	AT5G26710
48422	7	F23 vs. S23	S2-3 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT1G08060
48423	7	F23 vs. S23	S2-3 up	GO:0004386	Regulation	Transcription	helicase activity	F	AT4G30010
48424	7	F23 vs. S23	S2-3 up	GO:0016573	Regulation	Transcription	histone acetylation	P	AT1G26470
48425	7	F23 vs. S23	S2-3 up	GO:0016573	Regulation	Transcription	histone acetylation	P	AT5G09740
48426	7	F23 vs. S23	S2-3 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G09740
48427	7	F23 vs. S23	S2-3 up	GO:0004402	Regulation	Transcription	histone acetyltransferase activity	F	AT5G24330
48428	7	F23 vs. S23	S2-3 up	GO:0035035	Regulation	Transcription	histone acetyltransferase binding	F	AT1G55300
48429	7	F23 vs. S23	S2-3 up	GO:0000123	Regulation	Transcription	histone acetyltransferase complex	C	AT5G09740
48430	7	F23 vs. S23	S2-3 up	GO:0000123	Regulation	Transcription	histone acetyltransferase complex	C	AT5G24330
48431	7	F23 vs. S23	S2-3 up	GO:0034969	Regulation	Transcription	histone arginine methylation	P	AT4G31120
48432	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT2G27960
48433	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT2G27970
48434	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G09550
48435	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT4G26630
48436	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT5G09740
48437	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT5G24330
48438	7	F23 vs. S23	S2-3 up	GO:0042393	Regulation	Transcription	histone binding	F	AT5G55660
48439	7	F23 vs. S23	S2-3 up	GO:0004407	Regulation	Transcription	histone deacetylase activity	F	AT5G22650
48440	7	F23 vs. S23	S2-3 up	GO:0032452	Regulation	Transcription	histone demethylase activity	F	AT4G20400
48441	7	F23 vs. S23	S2-3 up	GO:0032453	Regulation	Transcription	histone demethylase activity (H3-K4 specific)	F	AT4G20400
48442	7	F23 vs. S23	S2-3 up	GO:0034647	Regulation	Transcription	histone demethylase activity (H3-trimethyl-K4 specific)	F	AT4G20400
48443	7	F23 vs. S23	S2-3 up	GO:1990164	Regulation	Transcription	histone H2A phosphorylation	P	AT3G13670
48444	7	F23 vs. S23	S2-3 up	GO:0033523	Regulation	Transcription	histone H2B ubiquitination	P	AT1G55250
48445	7	F23 vs. S23	S2-3 up	GO:0070734	Regulation	Transcription	histone H3-K27 methylation	P	AT5G24330
48446	7	F23 vs. S23	S2-3 up	GO:0034720	Regulation	Transcription	histone H3-K4 demethylation	P	AT4G20400
48447	7	F23 vs. S23	S2-3 up	GO:0051567	Regulation	Transcription	histone H3-K9 methylation	P	AT2G27040
48448	7	F23 vs. S23	S2-3 up	GO:0043985	Regulation	Transcription	histone H4-R3 methylation	P	AT4G31120
48449	7	F23 vs. S23	S2-3 up	GO:0035175	Regulation	Transcription	histone kinase activity (H3-S10 specific)	F	AT4G32830
48450	7	F23 vs. S23	S2-3 up	GO:0016571	Regulation	Transcription	histone methylation	P	AT4G20400
48451	7	F23 vs. S23	S2-3 up	GO:0042054	Regulation	Transcription	histone methyltransferase activity	F	AT4G20400
48452	7	F23 vs. S23	S2-3 up	GO:0046976	Regulation	Transcription	histone methyltransferase activity (H3-K27 specific)	F	AT5G24330
48453	7	F23 vs. S23	S2-3 up	GO:0035097	Regulation	Transcription	histone methyltransferase complex	C	AT4G20400
48454	7	F23 vs. S23	S2-3 up	GO:0010390	Regulation	Transcription	histone monoubiquitination	P	AT1G55250
48455	7	F23 vs. S23	S2-3 up	GO:0016572	Regulation	Transcription	histone phosphorylation	P	AT1G76540

48456	7	F23 vs. S23	S2-3 up	GO:0016572	Regulation	Transcription	histone phosphorylation	P	AT4G32830
48457	7	F23 vs. S23	S2-3 up	GO:0035174	Regulation	Transcription	histone serine kinase activity	F	AT4G32830
48458	7	F23 vs. S23	S2-3 up	GO:0008469	Regulation	Transcription	histone-arginine N-methyltransferase activity	F	AT4G31120
48459	7	F23 vs. S23	S2-3 up	GO:0031011	Regulation	Transcription	Ino80 complex	C	AT5G43500
48460	7	F23 vs. S23	S2-3 up	GO:0006344	Regulation	Transcription	maintenance of chromatin silencing	P	AT1G08060
48461	7	F23 vs. S23	S2-3 up	GO:0010216	Regulation	Transcription	maintenance of DNA methylation	P	AT4G20400
48462	7	F23 vs. S23	S2-3 up	GO:0001193	Regulation	Transcription	maintenance of transcriptional fidelity during DNA-templated transcription elongation from RNA polymerase II promoter	P	AT4G16265
48463	7	F23 vs. S23	S2-3 up	GO:0016592	Regulation	Transcription	mediator complex	C	AT5G19910
48464	7	F23 vs. S23	S2-3 up	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT1G14510
48465	7	F23 vs. S23	S2-3 up	GO:0035064	Regulation	Transcription	methylated histone binding	F	AT5G26210
48466	7	F23 vs. S23	S2-3 up	GO:0048027	Regulation	Transcription	mRNA 5'-UTR binding	F	AT2G36160
48467	7	F23 vs. S23	S2-3 up	GO:0048027	Regulation	Transcription	mRNA 5'-UTR binding	F	AT3G52580
48468	7	F23 vs. S23	S2-3 up	GO:0006378	Regulation	Transcription	mRNA polyadenylation	P	AT4G25550
48469	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G03330
48470	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G17760
48471	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G19120
48472	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G54080
48473	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G60200
48474	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT1G78260
48475	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT2G16940
48476	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT2G27100
48477	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT2G45620
48478	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT2G46780
48479	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G54770
48480	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G58560
48481	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT3G62840
48482	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT4G14300
48483	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT4G25550
48484	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT5G53180
48485	7	F23 vs. S23	S2-3 up	GO:0006397	Regulation	Transcription	mRNA processing	P	AT5G54580
48486	7	F23 vs. S23	S2-3 up	GO:0043433	Regulation	Transcription	negative regulation of DNA-binding transcription factor activity	P	AT4G26840
48487	7	F23 vs. S23	S2-3 up	GO:0045814	Regulation	Transcription	negative regulation of gene expression, epigenetic	P	AT1G08060
48488	7	F23 vs. S23	S2-3 up	GO:1900369	Regulation	Transcription	negative regulation of RNA interference	P	AT2G45620
48489	7	F23 vs. S23	S2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT1G43850
48490	7	F23 vs. S23	S2-3 up	GO:0000122	Regulation	Transcription	negative regulation of transcription by RNA polymerase II	P	AT1G47870
48491	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G17760
48492	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT1G43850
48493	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G15900
48494	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G16780
48495	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G20400
48496	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G26630
48497	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT4G32551
48498	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G06270
48499	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G09740
48500	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G22650
48501	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G24330
48502	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G47370
48503	7	F23 vs. S23	S2-3 up	GO:0045892	Regulation	Transcription	negative regulation of transcription, DNA-templated	P	AT5G62000
48504	7	F23 vs. S23	S2-3 up	GO:0035267	Regulation	Transcription	NuA4 histone acetyltransferase complex	C	AT1G26470
48505	7	F23 vs. S23	S2-3 up	GO:0071048	Regulation	Transcription	nuclear retention of unspliced pre-mRNA at the site of transcription	P	AT1G03140

48506	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT1G16610
48507	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT2G27100
48508	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT2G42810
48509	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT3G07590
48510	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT3G13570
48511	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT3G53500
48512	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT4G02840
48513	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT4G25560
48514	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT5G61960
48515	7	F23 vs. S23	S2-3 up	GO:0016607	Regulation	Transcription	nuclear speck	C	AT5G64200
48516	7	F23 vs. S23	S2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT1G31500
48517	7	F23 vs. S23	S2-3 up	GO:0000289	Regulation	Transcription	nuclear-transcribed mRNA poly(A) tail shortening	P	AT3G58560
48518	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G02870
48519	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G10490
48520	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G16610
48521	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G17690
48522	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G18850
48523	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G21690
48524	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G23290
48525	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G26530
48526	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G26880
48527	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G47870
48528	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G67430
48529	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT1G80750
48530	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G18510
48531	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G20490
48532	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G27040
48533	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G27100
48534	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G28510
48535	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G28740
48536	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G30620
48537	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G33370
48538	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G36620
48539	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G37190
48540	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G39460
48541	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G40030
48542	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G45640
48543	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G45710
48544	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G47580
48545	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT2G47680
48546	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G04230
48547	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G04920
48548	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G07590
48549	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G07980
48550	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G09500
48551	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G21540
48552	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G25520
48553	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G45980
48554	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G46210
48555	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G49910
48556	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G53020
48557	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G55510
48558	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G56340
48559	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT3G60770
48560	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G00100
48561	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G02840

48562	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G09800
48563	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G12600
48564	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G15770
48565	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G16265
48566	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G22380
48567	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G29390
48568	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G30220
48569	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G32830
48570	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G34910
48571	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G35020
48572	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT4G38680
48573	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G05210
48574	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G08420
48575	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G09510
48576	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G10980
48577	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G15090
48578	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G22440
48579	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G22650
48580	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G26180
48581	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G38720
48582	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G40770
48583	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G46070
48584	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G58420
48585	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G59910
48586	7	F23 vs. S23	S2-3 up	GO:0005730	Regulation	Transcription	nucleolus	C	AT5G67270
48587	7	F23 vs. S23	S2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G03330
48588	7	F23 vs. S23	S2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT1G19120
48589	7	F23 vs. S23	S2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT2G45620
48590	7	F23 vs. S23	S2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT3G58560
48591	7	F23 vs. S23	S2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT5G09920
48592	7	F23 vs. S23	S2-3 up	GO:0000932	Regulation	Transcription	P-body	C	AT5G53180
48593	7	F23 vs. S23	S2-3 up	GO:0035246	Regulation	Transcription	peptidyl-arginine N-methylation	P	AT4G31120
48594	7	F23 vs. S23	S2-3 up	GO:0032786	Regulation	Transcription	positive regulation of DNA-templated transcription, elongation	P	AT5G42920
48595	7	F23 vs. S23	S2-3 up	GO:0032786	Regulation	Transcription	positive regulation of DNA-templated transcription, elongation	P	AT5G63670
48596	7	F23 vs. S23	S2-3 up	GO:1903705	Regulation	Transcription	positive regulation of production of siRNA involved in RNA interference	P	AT2G45620
48597	7	F23 vs. S23	S2-3 up	GO:0045943	Regulation	Transcription	positive regulation of transcription by RNA polymerase I	P	AT2G47680
48598	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G24260
48599	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G43850
48600	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G47870
48601	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT1G66750
48602	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT2G42830
48603	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G26730
48604	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT3G58780
48605	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT4G09960

48606	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT4G18960
48607	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G09740
48608	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G24330
48609	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G28640
48610	7	F23 vs. S23	S2-3 up	GO:0045944	Regulation	Transcription	positive regulation of transcription by RNA polymerase II	P	AT5G60910
48611	7	F23 vs. S23	S2-3 up	GO:0032968	Regulation	Transcription	positive regulation of transcription elongation from RNA polymerase II promoter	P	AT5G59140
48612	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G27370
48613	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G34190
48614	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G44830
48615	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT1G69780
48616	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G02070
48617	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G02080
48618	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G18160
48619	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G27230
48620	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT2G37060
48621	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT3G10500
48622	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT4G25560
48623	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G11510
48624	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G28300
48625	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G28640
48626	7	F23 vs. S23	S2-3 up	GO:0045893	Regulation	Transcription	positive regulation of transcription, DNA-templated	P	AT5G61590
48627	7	F23 vs. S23	S2-3 up	GO:0035194	Regulation	Transcription	posttranscriptional gene silencing by RNA	P	AT2G40030
48628	7	F23 vs. S23	S2-3 up	GO:0035194	Regulation	Transcription	posttranscriptional gene silencing by RNA	P	AT3G07590
48629	7	F23 vs. S23	S2-3 up	GO:0035194	Regulation	Transcription	posttranscriptional gene silencing by RNA	P	AT4G02840
48630	7	F23 vs. S23	S2-3 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT2G27040
48631	7	F23 vs. S23	S2-3 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT2G32940
48632	7	F23 vs. S23	S2-3 up	GO:0030422	Regulation	Transcription	production of siRNA involved in RNA interference	P	AT2G40030
48633	7	F23 vs. S23	S2-3 up	GO:0070918	Regulation	Transcription	production of small RNA involved in gene silencing by RNA	P	AT3G22680
48634	7	F23 vs. S23	S2-3 up	GO:0010267	Regulation	Transcription	production of ta-siRNAs involved in RNA interference	P	AT2G27100
48635	7	F23 vs. S23	S2-3 up	GO:0034402	Regulation	Transcription	recruitment of 3'-end processing factors to RNA polymerase II holoenzyme complex	P	AT5G09920
48636	7	F23 vs. S23	S2-3 up	GO:0031938	Regulation	Transcription	regulation of chromatin silencing at telomere	P	AT3G25100
48637	7	F23 vs. S23	S2-3 up	GO:0044030	Regulation	Transcription	regulation of DNA methylation	P	AT3G22680
48638	7	F23 vs. S23	S2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT2G01450
48639	7	F23 vs. S23	S2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT2G18170
48640	7	F23 vs. S23	S2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT3G57670
48641	7	F23 vs. S23	S2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT3G62050
48642	7	F23 vs. S23	S2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT4G13020
48643	7	F23 vs. S23	S2-3 up	GO:0010468	Regulation	Transcription	regulation of gene expression	P	AT5G28640
48644	7	F23 vs. S23	S2-3 up	GO:0006349	Regulation	Transcription	regulation of gene expression by genetic imprinting	P	AT5G04560
48645	7	F23 vs. S23	S2-3 up	GO:0006349	Regulation	Transcription	regulation of gene expression by genetic imprinting	P	AT5G51230
48646	7	F23 vs. S23	S2-3 up	GO:0060968	Regulation	Transcription	regulation of gene silencing	P	AT1G17760
48647	7	F23 vs. S23	S2-3 up	GO:0060964	Regulation	Transcription	regulation of gene silencing by miRNA	P	AT2G45620
48648	7	F23 vs. S23	S2-3 up	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT1G26470
48649	7	F23 vs. S23	S2-3 up	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT1G55300
48650	7	F23 vs. S23	S2-3 up	GO:0006357	Regulation	Transcription	regulation of transcription by RNA polymerase II	P	AT5G19910
48651	7	F23 vs. S23	S2-3 up	GO:0010767	Regulation	Transcription	regulation of transcription from RNA polymerase II promoter in response to UV-induced DNA damage	P	AT1G47870

48652	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G05805
48653	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G10240
48654	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G14510
48655	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G18400
48656	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G25330
48657	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G27360
48658	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G27370
48659	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G53230
48660	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G53320
48661	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G68920
48662	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G71260
48663	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT1G76580
48664	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G01060
48665	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G02070
48666	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G06200
48667	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G17410
48668	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G22840
48669	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G25900
48670	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G27100
48671	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G27230
48672	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G28510
48673	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G28810
48674	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G30620
48675	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31070
48676	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G31840
48677	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G36400
48678	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G37590
48679	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G41710
48680	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G42200
48681	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT2G44745
48682	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G06740
48683	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G09735
48684	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G12130
48685	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G13040
48686	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G13810
48687	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G15270
48688	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G16830
48689	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G17100
48690	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G24050
48691	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G47620
48692	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT3G57670
48693	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G09960
48694	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G11080
48695	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G14770
48696	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G17460
48697	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G20400
48698	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37740
48699	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G37750
48700	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT4G38160
48701	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G06710
48702	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G09240
48703	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G10510
48704	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G11510
48705	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G26210
48706	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G28300
48707	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G43500

48708	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G57390
48709	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G61590
48710	7	F23 vs. S23	S2-3 up	GO:0006355	Regulation	Transcription	regulation of transcription, DNA-templated	P	AT5G65670
48711	7	F23 vs. S23	S2-3 up	GO:0071076	Regulation	Transcription	RNA 3' uridylation	P	AT2G45620
48712	7	F23 vs. S23	S2-3 up	GO:0031123	Regulation	Transcription	RNA 3'-end processing	P	AT1G17760
48713	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G03330
48714	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G04270
48715	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G08360
48716	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G09150
48717	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G16610
48718	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G18540
48719	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G19120
48720	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G31500
48721	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G34150
48722	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G36240
48723	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G49970
48724	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G59990
48725	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G74050
48726	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT1G78260
48727	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G03870
48728	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G09990
48729	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G18510
48730	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G18740
48731	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G23930
48732	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G25900
48733	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G27880
48734	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G30260
48735	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G36620
48736	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G46780
48737	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT2G47680
48738	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G04230
48739	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G07590
48740	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G12130
48741	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G13120
48742	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G13570
48743	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G18740
48744	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G23830
48745	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G26932
48746	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G49910
48747	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G53020
48748	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G53500
48749	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G54770
48750	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G58560
48751	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT3G62870
48752	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G02840
48753	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G12600
48754	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G14300
48755	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G15770
48756	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G16280
48757	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G18465
48758	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G22380
48759	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G27130
48760	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G34910
48761	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT4G38160
48762	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G05210
48763	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G08420

48764	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G09510
48765	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G22440
48766	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G51410
48767	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G53180
48768	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G54580
48769	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G61960
48770	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G63120
48771	7	F23 vs. S23	S2-3 up	GO:0003723	Regulation	Transcription	RNA binding	F	AT5G64200
48772	7	F23 vs. S23	S2-3 up	GO:0001510	Regulation	Transcription	RNA methylation	P	AT4G17610
48773	7	F23 vs. S23	S2-3 up	GO:0009451	Regulation	Transcription	RNA modification	P	AT2G40720
48774	7	F23 vs. S23	S2-3 up	GO:0030880	Regulation	Transcription	RNA polymerase complex	C	AT2G40030
48775	7	F23 vs. S23	S2-3 up	GO:0001054	Regulation	Transcription	RNA polymerase I activity	F	AT3G57080
48776	7	F23 vs. S23	S2-3 up	GO:0001102	Regulation	Transcription	RNA polymerase II activating transcription factor binding	F	AT1G43850
48777	7	F23 vs. S23	S2-3 up	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT3G57080
48778	7	F23 vs. S23	S2-3 up	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT4G21710
48779	7	F23 vs. S23	S2-3 up	GO:0001055	Regulation	Transcription	RNA polymerase II activity	F	AT4G35800
48780	7	F23 vs. S23	S2-3 up	GO:0000993	Regulation	Transcription	RNA polymerase II complex binding	F	AT5G63670
48781	7	F23 vs. S23	S2-3 up	GO:0000979	Regulation	Transcription	RNA polymerase II core promoter sequence-specific DNA binding	F	AT3G13445
48782	7	F23 vs. S23	S2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G20930
48783	7	F23 vs. S23	S2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G66750
48784	7	F23 vs. S23	S2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT1G76540
48785	7	F23 vs. S23	S2-3 up	GO:0008353	Regulation	Transcription	RNA polymerase II CTD heptapeptide repeat kinase activity	F	AT2G38620
48786	7	F23 vs. S23	S2-3 up	GO:0051123	Regulation	Transcription	RNA polymerase II preinitiation complex assembly	P	AT1G55300
48787	7	F23 vs. S23	S2-3 up	GO:0000978	Regulation	Transcription	RNA polymerase II proximal promoter sequence-specific DNA binding	F	AT3G13445
48788	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT1G24260
48789	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT2G17410
48790	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT2G42830
48791	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT3G58780
48792	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT4G09960
48793	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT4G18960
48794	7	F23 vs. S23	S2-3 up	GO:0000977	Regulation	Transcription	RNA polymerase II regulatory region sequence-specific DNA binding	F	AT5G60910
48795	7	F23 vs. S23	S2-3 up	GO:0090575	Regulation	Transcription	RNA polymerase II transcription factor complex	C	AT1G47870
48796	7	F23 vs. S23	S2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT4G16265
48797	7	F23 vs. S23	S2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT4G21710
48798	7	F23 vs. S23	S2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT4G35800
48799	7	F23 vs. S23	S2-3 up	GO:0005665	Regulation	Transcription	RNA polymerase II, core complex	C	AT5G09920
48800	7	F23 vs. S23	S2-3 up	GO:0001056	Regulation	Transcription	RNA polymerase III activity	F	AT2G40030
48801	7	F23 vs. S23	S2-3 up	GO:0001056	Regulation	Transcription	RNA polymerase III activity	F	AT3G57080
48802	7	F23 vs. S23	S2-3 up	GO:0005666	Regulation	Transcription	RNA polymerase III complex	C	AT2G40030
48803	7	F23 vs. S23	S2-3 up	GO:0000995	Regulation	Transcription	RNA polymerase III general transcription initiation factor activity	F	AT1G19485
48804	7	F23 vs. S23	S2-3 up	GO:0000418	Regulation	Transcription	RNA polymerase IV complex	C	AT2G40030

48805	7	F23 vs. S23	S2-3 up	GO:0000418	Regulation	Transcription	RNA polymerase IV complex	C	AT4G16265
48806	7	F23 vs. S23	S2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT2G40030
48807	7	F23 vs. S23	S2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT3G22680
48808	7	F23 vs. S23	S2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT3G57080
48809	7	F23 vs. S23	S2-3 up	GO:0000419	Regulation	Transcription	RNA polymerase V complex	C	AT4G16265
48810	7	F23 vs. S23	S2-3 up	GO:0050265	Regulation	Transcription	RNA uridylyltransferase activity	F	AT2G45620
48811	7	F23 vs. S23	S2-3 up	GO:0080188	Regulation	Transcription	RNA-directed DNA methylation	P	AT1G80790
48812	7	F23 vs. S23	S2-3 up	GO:0080188	Regulation	Transcription	RNA-directed DNA methylation	P	AT4G16265
48813	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G18400
48814	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G24260
48815	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G25330
48816	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G27370
48817	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G44830
48818	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G47870
48819	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G53230
48820	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G68920
48821	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT1G69780
48822	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G02070
48823	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G02080
48824	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G18160
48825	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G22840
48826	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G28810
48827	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G31070
48828	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G33880
48829	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G36400
48830	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G37060
48831	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G37590
48832	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G42830
48833	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT2G44745
48834	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G10500
48835	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G27810
48836	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G47620
48837	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G54220
48838	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT3G58780
48839	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G09960
48840	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G14770
48841	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G16780
48842	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G18960
48843	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G25560
48844	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT4G37750
48845	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G10510
48846	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G11510
48847	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G47370
48848	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G60910
48849	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G61590
48850	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G62000
48851	7	F23 vs. S23	S2-3 up	GO:0043565	Regulation	Transcription	sequence-specific DNA binding	F	AT5G65670
48852	7	F23 vs. S23	S2-3 up	GO:0035197	Regulation	Transcription	siRNA binding	F	AT2G27040
48853	7	F23 vs. S23	S2-3 up	GO:0035197	Regulation	Transcription	siRNA binding	F	AT2G32940
48854	7	F23 vs. S23	S2-3 up	GO:0070034	Regulation	Transcription	telomerase RNA binding	F	AT2G20490
48855	7	F23 vs. S23	S2-3 up	GO:0000347	Regulation	Transcription	THO complex	C	AT4G02060
48856	7	F23 vs. S23	S2-3 up	GO:0000445	Regulation	Transcription	THO complex part of transcription export complex	C	AT5G42920
48857	7	F23 vs. S23	S2-3 up	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT3G13445
48858	7	F23 vs. S23	S2-3 up	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT4G35800
48859	7	F23 vs. S23	S2-3 up	GO:0006366	Regulation	Transcription	transcription by RNA polymerase II	P	AT5G09920
48860	7	F23 vs. S23	S2-3 up	GO:0006383	Regulation	Transcription	transcription by RNA polymerase III	P	AT1G19485

48861	7	F23 vs. S23	S2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT1G55300
48862	7	F23 vs. S23	S2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT5G11510
48863	7	F23 vs. S23	S2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT5G19910
48864	7	F23 vs. S23	S2-3 up	GO:0003713	Regulation	Transcription	transcription coactivator activity	F	AT5G28640
48865	7	F23 vs. S23	S2-3 up	GO:0003712	Regulation	Transcription	transcription coregulator activity	F	AT1G43850
48866	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G24260
48867	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G47870
48868	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT1G55300
48869	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT2G42830
48870	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G13445
48871	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT3G58780
48872	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT4G09960
48873	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT4G18960
48874	7	F23 vs. S23	S2-3 up	GO:0008134	Regulation	Transcription	transcription factor binding	F	AT5G60910
48875	7	F23 vs. S23	S2-3 up	GO:0005667	Regulation	Transcription	transcription factor complex	C	AT1G43850
48876	7	F23 vs. S23	S2-3 up	GO:0005667	Regulation	Transcription	transcription factor complex	C	AT3G13445
48877	7	F23 vs. S23	S2-3 up	GO:0005669	Regulation	Transcription	transcription factor TFIID complex	C	AT1G55300
48878	7	F23 vs. S23	S2-3 up	GO:0000127	Regulation	Transcription	transcription factor TFIIIC complex	C	AT1G19485
48879	7	F23 vs. S23	S2-3 up	GO:0070985	Regulation	Transcription	transcription factor TFIIK complex	C	AT1G66750
48880	7	F23 vs. S23	S2-3 up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT4G16265
48881	7	F23 vs. S23	S2-3 up	GO:0006367	Regulation	Transcription	transcription initiation from RNA polymerase II promoter	P	AT5G09920
48882	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G05805
48883	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G14510
48884	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G24260
48885	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G34190
48886	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G44830
48887	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G47870
48888	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G53320
48889	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G55300
48890	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G68920
48891	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G69780
48892	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT1G76580
48893	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G02070
48894	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G18160
48895	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G22840
48896	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G28510
48897	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G28810
48898	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G33880
48899	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G36400
48900	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G37590
48901	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT2G42830
48902	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G06740
48903	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G10500
48904	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G17100
48905	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G22780
48906	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G24050
48907	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G26730
48908	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G47620
48909	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT3G58780
48910	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G09960
48911	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G14770
48912	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G17460
48913	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G18960
48914	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G25560

48915	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G29410
48916	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G36930
48917	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37740
48918	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT4G37750
48919	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G06710
48920	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G10510
48921	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G11510
48922	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G26210
48923	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G51230
48924	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G60910
48925	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G61590
48926	7	F23 vs. S23	S2-3 up	GO:0044212	Regulation	Transcription	transcription regulatory region DNA binding	F	AT5G65670
48927	7	F23 vs. S23	S2-3 up	GO:0000976	Regulation	Transcription	transcription regulatory region sequence-specific DNA binding	F	AT4G20400
48928	7	F23 vs. S23	S2-3 up	GO:0000976	Regulation	Transcription	transcription regulatory region sequence-specific DNA binding	F	AT5G61590
48929	7	F23 vs. S23	S2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT1G18400
48930	7	F23 vs. S23	S2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT2G06200
48931	7	F23 vs. S23	S2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT2G22840
48932	7	F23 vs. S23	S2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT2G36400
48933	7	F23 vs. S23	S2-3 up	GO:0006351	Regulation	Transcription	transcription, DNA-templated	P	AT4G37740
48934	7	F23 vs. S23	S2-3 up	GO:0006283	Regulation	Transcription	transcription-coupled nucleotide-excision repair	P	AT4G16265
48935	7	F23 vs. S23	S2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT1G69410
48936	7	F23 vs. S23	S2-3 up	GO:0003746	Regulation	Transcription	translation elongation factor activity	F	AT2G31060
48937	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G04170
48938	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT1G69410
48939	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT3G56150
48940	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G27130
48941	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G30690
48942	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT4G33250
48943	7	F23 vs. S23	S2-3 up	GO:0003743	Regulation	Transcription	translation initiation factor activity	F	AT5G43810
48944	7	F23 vs. S23	S2-3 up	GO:0031372	Regulation	Transcription	UBC13-MMS2 complex	C	AT1G70660
48945	7	F23 vs. S23	S2-3 up	GO:0060145	Regulation	Transcription	viral gene silencing in virus induced gene silencing	P	AT2G27880
48946	7	F23 vs. S23	S2-3 up	GO:0042781	Regulation	Translation	3'-tRNA processing endoribonuclease activity	F	AT2G04530
48947	7	F23 vs. S23	S2-3 up	GO:0008097	Regulation	Translation	5S rRNA binding	F	AT3G25520
48948	7	F23 vs. S23	S2-3 up	GO:0000380	Regulation	Translation	alternative mRNA splicing, via spliceosome	P	AT1G03140
48949	7	F23 vs. S23	S2-3 up	GO:0000380	Regulation	Translation	alternative mRNA splicing, via spliceosome	P	AT1G80070
48950	7	F23 vs. S23	S2-3 up	GO:1902626	Regulation	Translation	assembly of large subunit precursor of preribosome	P	AT2G36620
48951	7	F23 vs. S23	S2-3 up	GO:1902626	Regulation	Translation	assembly of large subunit precursor of preribosome	P	AT3G53020
48952	7	F23 vs. S23	S2-3 up	GO:0031428	Regulation	Translation	box C/D snoRNP complex	C	AT4G22380
48953	7	F23 vs. S23	S2-3 up	GO:0034513	Regulation	Translation	box H/ACA snoRNA binding	F	AT2G20490
48954	7	F23 vs. S23	S2-3 up	GO:0031429	Regulation	Translation	box H/ACA snoRNP complex	C	AT2G20490
48955	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT1G03330
48956	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT1G80070
48957	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G03870
48958	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G23930
48959	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT2G32600
48960	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT3G07590
48961	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT4G02840
48962	7	F23 vs. S23	S2-3 up	GO:0071013	Regulation	Translation	catalytic step 2 spliceosome	C	AT4G15900
48963	7	F23 vs. S23	S2-3 up	GO:0030014	Regulation	Translation	CCR4-NOT complex	C	AT3G58560
48964	7	F23 vs. S23	S2-3 up	GO:0030014	Regulation	Translation	CCR4-NOT complex	C	AT5G35430
48965	7	F23 vs. S23	S2-3 up	GO:0000354	Regulation	Translation	cis assembly of pre-catalytic spliceosome	P	AT2G30260
48966	7	F23 vs. S23	S2-3 up	GO:0000177	Regulation	Translation	cytoplasmic exosome (RNase complex)	C	AT3G46210

48967	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G07070
48968	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G15270
48969	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G18540
48970	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G67430
48971	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT1G74050
48972	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT2G19740
48973	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT2G37600
48974	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT2G40010
48975	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT3G49910
48976	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT3G53740
48977	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT3G55750
48978	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT4G26230
48979	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT4G39520
48980	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT5G47700
48981	7	F23 vs. S23	S2-3 up	GO:0002181	Regulation	Translation	cytoplasmic translation	P	AT5G56710
48982	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G07070
48983	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G08360
48984	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G09690
48985	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G15250
48986	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G18540
48987	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G23290
48988	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G26880
48989	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G36240
48990	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G52300
48991	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G57860
48992	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G67430
48993	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G69620
48994	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G74050
48995	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT1G80750
48996	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G07725
48997	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G19730
48998	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G19740
48999	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G25210
49000	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G32220
49001	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G33370
49002	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G34480
49003	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G36620
49004	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G37190
49005	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G37600
49006	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G39460
49007	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G40010
49008	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT2G43460
49009	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G02190
49010	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G04400
49011	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G05590
49012	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G08520
49013	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G09500
49014	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G10950
49015	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G14600
49016	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G16080
49017	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G18740
49018	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G22230
49019	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G23390
49020	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G25520
49021	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G49910
49022	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G53020

49023	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G53430
49024	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G53740
49025	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G55280
49026	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G55750
49027	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT3G62870
49028	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT4G14320
49029	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT4G15000
49030	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT4G26230
49031	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT4G29410
49032	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT4G31985
49033	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G02610
49034	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G22440
49035	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G23900
49036	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G27850
49037	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G47700
49038	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G48760
49039	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G56710
49040	7	F23 vs. S23	S2-3 up	GO:0022625	Regulation	Translation	cytosolic large ribosomal subunit	C	AT5G60670
49041	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G04270
49042	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G07770
49043	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G08360
49044	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G18540
49045	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G23290
49046	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G27390
49047	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G34030
49048	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G52300
49049	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT1G67430
49050	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G09990
49051	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G19730
49052	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G19740
49053	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G34480
49054	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G36160
49055	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G37190
49056	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G39460
49057	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G40010
49058	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G43460
49059	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT2G45710
49060	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G02080
49061	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G02560
49062	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G04230
49063	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G04920
49064	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G11940
49065	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G14600
49066	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G18740
49067	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G22230
49068	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G25520
49069	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G48930
49070	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G49910
49071	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G53740
49072	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G53890
49073	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G55280
49074	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G55750
49075	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G56340
49076	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G60770
49077	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G61110
49078	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT3G62870

49079	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G15000
49080	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G25740
49081	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT4G39200
49082	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G02610
49083	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G09510
49084	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G10360
49085	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G13510
49086	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G22440
49087	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G23900
49088	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G27850
49089	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G28060
49090	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G47700
49091	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G47930
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49093	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G56710
49094	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G57290
49095	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G58420
49096	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G61170
49097	7	F23 vs. S23	S2-3 up	GO:0022626	Regulation	Translation	cytosolic ribosome	C	AT5G64140
49098	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G04270
49099	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G07770
49100	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G09150
49101	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G22780
49102	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT1G34030
49103	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G09990
49104	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G19720
49105	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G36160
49106	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G40510
49107	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G45710
49108	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT2G47110
49109	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G02080
49110	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G02560
49111	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G04230
49112	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G04920
49113	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G11940
49114	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G45030
49115	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G48930
49116	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G52580
49117	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G53890
49118	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G56340
49119	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G60770
49120	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT3G61110
49121	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G00100
49122	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G09800
49123	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G25740
49124	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G29390
49125	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G33865
49126	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G34555
49127	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT4G39200
49128	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G03850
49129	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G09510
49130	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G10360
49131	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G23740
49132	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G27700
49133	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G28060
49134	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G39850

49135	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G47930
49136	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G56670
49137	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G58420
49138	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G61170
49139	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	AT5G64140
49140	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	ATCG00770
49141	7	F23 vs. S23	S2-3 up	GO:0022627	Regulation	Translation	cytosolic small ribosomal subunit	C	ATCG00800
49142	7	F23 vs. S23	S2-3 up	GO:0000290	Regulation	Translation	deadenylation-dependent decapping of nuclear-transcribed mRNA	P	AT1G19120
49143	7	F23 vs. S23	S2-3 up	GO:0000447	Regulation	Translation	endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G53890
49144	7	F23 vs. S23	S2-3 up	GO:0000447	Regulation	Translation	endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G27700
49145	7	F23 vs. S23	S2-3 up	GO:0000461	Regulation	Translation	endonucleolytic cleavage to generate mature 3'-end of SSU-rRNA from (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G53890
49146	7	F23 vs. S23	S2-3 up	GO:0000461	Regulation	Translation	endonucleolytic cleavage to generate mature 3'-end of SSU-rRNA from (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G27700
49147	7	F23 vs. S23	S2-3 up	GO:0005850	Regulation	Translation	eukaryotic translation initiation factor 2 complex	C	AT1G04170
49148	7	F23 vs. S23	S2-3 up	GO:0005852	Regulation	Translation	eukaryotic translation initiation factor 3 complex	C	AT3G56150
49149	7	F23 vs. S23	S2-3 up	GO:0005852	Regulation	Translation	eukaryotic translation initiation factor 3 complex	C	AT4G33250
49150	7	F23 vs. S23	S2-3 up	GO:0004532	Regulation	Translation	exoribonuclease activity	F	AT1G31500
49151	7	F23 vs. S23	S2-3 up	GO:0001731	Regulation	Translation	formation of translation preinitiation complex	P	AT1G04170
49152	7	F23 vs. S23	S2-3 up	GO:0001731	Regulation	Translation	formation of translation preinitiation complex	P	AT1G09150
49153	7	F23 vs. S23	S2-3 up	GO:0000350	Regulation	Translation	generation of catalytic spliceosome for second transesterification step	P	AT1G03140
49154	7	F23 vs. S23	S2-3 up	GO:0004819	Regulation	Translation	glutamine-tRNA ligase activity	F	AT5G26710
49155	7	F23 vs. S23	S2-3 up	GO:0006425	Regulation	Translation	glutaminyl-tRNA aminoacylation	P	AT5G26710
49156	7	F23 vs. S23	S2-3 up	GO:0006424	Regulation	Translation	glutamyl-tRNA aminoacylation	P	AT5G26710
49157	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT1G23290
49158	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT1G69620
49159	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT2G37190
49160	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT2G39460
49161	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT3G05590
49162	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT3G53430
49163	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT4G35490
49164	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT5G13510
49165	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT5G55140
49166	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	AT5G60670
49167	7	F23 vs. S23	S2-3 up	GO:0015934	Regulation	Translation	large ribosomal subunit	C	ATCG01020
49168	7	F23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT2G37190
49169	7	F23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT2G40010
49170	7	F23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT3G53430
49171	7	F23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT4G35490
49172	7	F23 vs. S23	S2-3 up	GO:0070180	Regulation	Translation	large ribosomal subunit rRNA binding	F	AT5G60670
49173	7	F23 vs. S23	S2-3 up	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT1G03330
49174	7	F23 vs. S23	S2-3 up	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT1G19120
49175	7	F23 vs. S23	S2-3 up	GO:1990726	Regulation	Translation	Lsm1-7-Pat1 complex	C	AT2G03870
49176	7	F23 vs. S23	S2-3 up	GO:0000470	Regulation	Translation	maturation of LSU-rRNA	P	AT1G08360
49177	7	F23 vs. S23	S2-3 up	GO:0000470	Regulation	Translation	maturation of LSU-rRNA	P	AT3G62870
49178	7	F23 vs. S23	S2-3 up	GO:0000470	Regulation	Translation	maturation of LSU-rRNA	P	AT4G22380

49179	7	F23 vs. S23	S2-3 up	GO:0000470	Regulation	Translation	maturation of LSU-rRNA	P	AT5G22440
49180	7	F23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT1G80750
49181	7	F23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G09500
49182	7	F23 vs. S23	S2-3 up	GO:0000463	Regulation	Translation	maturation of LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT5G02610
49183	7	F23 vs. S23	S2-3 up	GO:0030490	Regulation	Translation	maturation of SSU-rRNA	P	AT5G64140
49184	7	F23 vs. S23	S2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT1G17690
49185	7	F23 vs. S23	S2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G09990
49186	7	F23 vs. S23	S2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT2G36160
49187	7	F23 vs. S23	S2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G04230
49188	7	F23 vs. S23	S2-3 up	GO:0000462	Regulation	Translation	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	P	AT3G52580
49189	7	F23 vs. S23	S2-3 up	GO:0034709	Regulation	Translation	methylosome	C	AT5G62290
49190	7	F23 vs. S23	S2-3 up	GO:0035198	Regulation	Translation	miRNA binding	F	AT5G43810
49191	7	F23 vs. S23	S2-3 up	GO:0010586	Regulation	Translation	miRNA metabolic process	P	AT5G43810
49192	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT1G07830
49193	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT1G14620
49194	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT1G29070
49195	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT3G01740
49196	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT3G01790
49197	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	AT5G39800
49198	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	ATCG00790
49199	7	F23 vs. S23	S2-3 up	GO:0005762	Regulation	Translation	mitochondrial large ribosomal subunit	C	ATCG00830
49200	7	F23 vs. S23	S2-3 up	GO:0080156	Regulation	Translation	mitochondrial mRNA modification	P	AT5G54580
49201	7	F23 vs. S23	S2-3 up	GO:1900864	Regulation	Translation	mitochondrial RNA modification	P	AT3G23830
49202	7	F23 vs. S23	S2-3 up	GO:0005763	Regulation	Translation	mitochondrial small ribosomal subunit	C	ATCG00820
49203	7	F23 vs. S23	S2-3 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	AT1G07830
49204	7	F23 vs. S23	S2-3 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	ATCG00790
49205	7	F23 vs. S23	S2-3 up	GO:0032543	Regulation	Translation	mitochondrial translation	P	ATCG00830
49206	7	F23 vs. S23	S2-3 up	GO:0090646	Regulation	Translation	mitochondrial tRNA processing	P	AT5G47680
49207	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G15250
49208	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G17760
49209	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G22780
49210	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G29250
49211	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G48110
49212	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G49600
49213	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G54080
49214	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G69620
49215	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G71260
49216	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT1G78260
49217	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G13540
49218	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G18510
49219	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G23930
49220	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G34480
49221	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G40510
49222	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G45620
49223	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G45710
49224	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G46780
49225	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT2G47680
49226	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G01790

49227	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G02560
49228	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G04920
49229	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G09500
49230	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G11940
49231	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G13570
49232	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G14010
49233	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G18740
49234	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G48930
49235	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G49910
49236	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G53020
49237	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G54770
49238	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G55770
49239	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G56150
49240	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G56340
49241	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT3G61690
49242	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G02840
49243	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G14300
49244	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G16280
49245	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G25550
49246	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G25740
49247	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G27500
49248	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT4G38680
49249	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G02610
49250	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G04800
49251	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G10360
49252	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G20250
49253	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G27850
49254	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G42920
49255	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G48760
49256	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G51410
49257	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G53180
49258	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G61960
49259	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G63120
49260	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G64140
49261	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	AT5G64200
49262	7	F23 vs. S23	S2-3 up	GO:0003729	Regulation	Translation	mRNA binding	F	ATCG00830
49263	7	F23 vs. S23	S2-3 up	GO:0005845	Regulation	Translation	mRNA cap binding complex	C	AT2G13540
49264	7	F23 vs. S23	S2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT2G13540
49265	7	F23 vs. S23	S2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT3G13570
49266	7	F23 vs. S23	S2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT3G53500
49267	7	F23 vs. S23	S2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT5G61960
49268	7	F23 vs. S23	S2-3 up	GO:0045292	Regulation	Translation	mRNA cis splicing, via spliceosome	P	AT5G64200
49269	7	F23 vs. S23	S2-3 up	GO:0006379	Regulation	Translation	mRNA cleavage	P	AT4G16265
49270	7	F23 vs. S23	S2-3 up	GO:0005849	Regulation	Translation	mRNA cleavage factor complex	C	AT4G25550
49271	7	F23 vs. S23	S2-3 up	GO:0006406	Regulation	Translation	mRNA export from nucleus	P	AT5G42920
49272	7	F23 vs. S23	S2-3 up	GO:1990481	Regulation	Translation	mRNA pseudouridine synthesis	P	AT1G34150
49273	7	F23 vs. S23	S2-3 up	GO:0006376	Regulation	Translation	mRNA splice site selection	P	AT5G51410
49274	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT1G16610
49275	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT1G80070
49276	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT2G03870
49277	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT2G30260
49278	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT2G47580
49279	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT3G13570
49280	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT3G53500
49281	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT4G15900
49282	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT4G22380

49283	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT4G32270
49284	7	F23 vs. S23	S2-3 up	GO:0000398	Regulation	Translation	mRNA splicing, via spliceosome	P	AT5G64200
49285	7	F23 vs. S23	S2-3 up	GO:0051028	Regulation	Translation	mRNA transport	P	AT2G13540
49286	7	F23 vs. S23	S2-3 up	GO:0051028	Regulation	Translation	mRNA transport	P	AT3G56900
49287	7	F23 vs. S23	S2-3 up	GO:0051028	Regulation	Translation	mRNA transport	P	AT4G14300
49288	7	F23 vs. S23	S2-3 up	GO:0005854	Regulation	Translation	nascent polypeptide-associated complex	C	AT1G17880
49289	7	F23 vs. S23	S2-3 up	GO:0005854	Regulation	Translation	nascent polypeptide-associated complex	C	AT1G73230
49290	7	F23 vs. S23	S2-3 up	GO:0030690	Regulation	Translation	Noc1p-Noc2p complex	C	AT3G55510
49291	7	F23 vs. S23	S2-3 up	GO:0030691	Regulation	Translation	Noc2p-Noc3p complex	C	AT3G55510
49292	7	F23 vs. S23	S2-3 up	GO:0071028	Regulation	Translation	nuclear mRNA surveillance	P	AT3G46210
49293	7	F23 vs. S23	S2-3 up	GO:0000956	Regulation	Translation	nuclear-transcribed mRNA catabolic process	P	AT2G03870
49294	7	F23 vs. S23	S2-3 up	GO:0000288	Regulation	Translation	nuclear-transcribed mRNA catabolic process, deadenylation-dependent decay	P	AT5G09920
49295	7	F23 vs. S23	S2-3 up	GO:0034427	Regulation	Translation	nuclear-transcribed mRNA catabolic process, exonucleolytic, 3'-5'	P	AT3G46210
49296	7	F23 vs. S23	S2-3 up	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT2G13540
49297	7	F23 vs. S23	S2-3 up	GO:0000184	Regulation	Translation	nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	P	AT5G63120
49298	7	F23 vs. S23	S2-3 up	GO:0034715	Regulation	Translation	pICln-Sm protein complex	C	AT3G07590
49299	7	F23 vs. S23	S2-3 up	GO:0034715	Regulation	Translation	pICln-Sm protein complex	C	AT4G02840
49300	7	F23 vs. S23	S2-3 up	GO:0034715	Regulation	Translation	pICln-Sm protein complex	C	AT5G62290
49301	7	F23 vs. S23	S2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT1G31500
49302	7	F23 vs. S23	S2-3 up	GO:0004535	Regulation	Translation	poly(A)-specific ribonuclease activity	F	AT3G58560
49303	7	F23 vs. S23	S2-3 up	GO:0071051	Regulation	Translation	polyadenylation-dependent snoRNA 3'-end processing	P	AT3G46210
49304	7	F23 vs. S23	S2-3 up	GO:0042788	Regulation	Translation	polysomal ribosome	C	AT1G17880
49305	7	F23 vs. S23	S2-3 up	GO:0042788	Regulation	Translation	polysomal ribosome	C	AT1G73230
49306	7	F23 vs. S23	S2-3 up	GO:0048026	Regulation	Translation	positive regulation of mRNA splicing, via spliceosome	P	AT2G18510
49307	7	F23 vs. S23	S2-3 up	GO:0045901	Regulation	Translation	positive regulation of translational elongation	P	AT1G69410
49308	7	F23 vs. S23	S2-3 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT1G04170
49309	7	F23 vs. S23	S2-3 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	AT5G39850
49310	7	F23 vs. S23	S2-3 up	GO:0045903	Regulation	Translation	positive regulation of translational fidelity	P	ATCG00380
49311	7	F23 vs. S23	S2-3 up	GO:0045948	Regulation	Translation	positive regulation of translational initiation	P	AT5G09920
49312	7	F23 vs. S23	S2-3 up	GO:0045905	Regulation	Translation	positive regulation of translational termination	P	AT1G69410
49313	7	F23 vs. S23	S2-3 up	GO:0097157	Regulation	Translation	pre-mRNA intronic binding	F	AT1G80070
49314	7	F23 vs. S23	S2-3 up	GO:0030687	Regulation	Translation	preribosome, large subunit precursor	C	AT4G15770
49315	7	F23 vs. S23	S2-3 up	GO:0030687	Regulation	Translation	preribosome, large subunit precursor	C	AT5G06360
49316	7	F23 vs. S23	S2-3 up	GO:0031053	Regulation	Translation	primary miRNA processing	P	AT2G13540
49317	7	F23 vs. S23	S2-3 up	GO:0031053	Regulation	Translation	primary miRNA processing	P	AT2G27100
49318	7	F23 vs. S23	S2-3 up	GO:0035196	Regulation	Translation	production of miRNAs involved in gene silencing by miRNA	P	AT4G21710
49319	7	F23 vs. S23	S2-3 up	GO:0000974	Regulation	Translation	Prp19 complex	C	AT4G15900
49320	7	F23 vs. S23	S2-3 up	GO:0034388	Regulation	Translation	Pwp2p-containing subcomplex of 90S preribosome	C	AT3G21540
49321	7	F23 vs. S23	S2-3 up	GO:0030875	Regulation	Translation	rDNA protrusion	C	AT5G10980
49322	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT1G16610
49323	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT2G27100
49324	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT3G13570
49325	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT3G53500
49326	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT5G53180

49327	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT5G61960
49328	7	F23 vs. S23	S2-3 up	GO:0000381	Regulation	Translation	regulation of alternative mRNA splicing, via spliceosome	P	AT5G64200
49329	7	F23 vs. S23	S2-3 up	GO:0010603	Regulation	Translation	regulation of cytoplasmic mRNA processing body assembly	P	AT3G14010
49330	7	F23 vs. S23	S2-3 up	GO:0043484	Regulation	Translation	regulation of RNA splicing	P	AT2G18740
49331	7	F23 vs. S23	S2-3 up	GO:0043484	Regulation	Translation	regulation of RNA splicing	P	AT4G02840
49332	7	F23 vs. S23	S2-3 up	GO:0043484	Regulation	Translation	regulation of RNA splicing	P	AT5G53180
49333	7	F23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT2G27040
49334	7	F23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT2G27880
49335	7	F23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT2G32940
49336	7	F23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT4G27130
49337	7	F23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT5G43810
49338	7	F23 vs. S23	S2-3 up	GO:0006417	Regulation	Translation	regulation of translation	P	AT5G53180
49339	7	F23 vs. S23	S2-3 up	GO:0006446	Regulation	Translation	regulation of translational initiation	P	AT4G33250
49340	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT1G78260
49341	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT2G18510
49342	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT2G46780
49343	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT3G23830
49344	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT3G54770
49345	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT4G14300
49346	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT4G16280
49347	7	F23 vs. S23	S2-3 up	GO:1990904	Regulation	Translation	ribonucleoprotein complex	C	AT5G54580
49348	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT1G16740
49349	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT1G18540
49350	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT1G74050
49351	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G07725
49352	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G36620
49353	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G37190
49354	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G39460
49355	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT2G40010
49356	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT3G25520
49357	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT3G53020
49358	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT3G53430
49359	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT3G55280
49360	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT4G35490
49361	7	F23 vs. S23	S2-3 up	GO:0000027	Regulation	Translation	ribosomal large subunit assembly	P	AT5G60670
49362	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT1G02870
49363	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT1G07070
49364	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT3G49910
49365	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT3G55510
49366	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT3G55750
49367	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT4G15770
49368	7	F23 vs. S23	S2-3 up	GO:0042273	Regulation	Translation	ribosomal large subunit biogenesis	P	AT5G05210
49369	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT1G04270
49370	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT2G36160
49371	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT2G45710
49372	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G02080
49373	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G11940
49374	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G52580
49375	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT3G61110
49376	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT4G25740
49377	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G09510
49378	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G38720
49379	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G47930

49380	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G61170
49381	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	AT5G64140
49382	7	F23 vs. S23	S2-3 up	GO:0000028	Regulation	Translation	ribosomal small subunit assembly	P	ATCG00820
49383	7	F23 vs. S23	S2-3 up	GO:0042274	Regulation	Translation	ribosomal small subunit biogenesis	P	AT3G02560
49384	7	F23 vs. S23	S2-3 up	GO:0042274	Regulation	Translation	ribosomal small subunit biogenesis	P	AT5G05210
49385	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G16740
49386	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G22780
49387	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT1G57540
49388	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT2G20060
49389	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT2G38140
49390	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G01790
49391	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G06040
49392	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G13120
49393	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G46210
49394	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G52590
49395	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT3G61110
49396	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT4G12600
49397	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT4G17560
49398	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT4G22380
49399	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G02440
49400	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G02740
49401	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G04800
49402	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G06360
49403	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G15760
49404	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G39600
49405	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G45590
49406	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G48760
49407	7	F23 vs. S23	S2-3 up	GO:0005840	Regulation	Translation	ribosome	C	AT5G56940
49408	7	F23 vs. S23	S2-3 up	GO:0042255	Regulation	translation	ribosome assembly	P	AT4G15770
49409	7	F23 vs. S23	S2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT1G33330
49410	7	F23 vs. S23	S2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT1G69410
49411	7	F23 vs. S23	S2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT4G30690
49412	7	F23 vs. S23	S2-3 up	GO:0043022	Regulation	Translation	ribosome binding	F	AT4G33250
49413	7	F23 vs. S23	S2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT1G26880
49414	7	F23 vs. S23	S2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT1G69620
49415	7	F23 vs. S23	S2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT4G12600
49416	7	F23 vs. S23	S2-3 up	GO:0042254	Regulation	Translation	ribosome biogenesis	P	AT5G13510
49417	7	F23 vs. S23	S2-3 up	GO:0032790	Regulation	Translation	ribosome disassembly	P	AT4G30690
49418	7	F23 vs. S23	S2-3 up	GO:0097344	Regulation	Translation	Rix1 complex	C	AT3G49180
49419	7	F23 vs. S23	S2-3 up	GO:0000339	Regulation	Translation	RNA cap binding	F	AT1G19120
49420	7	F23 vs. S23	S2-3 up	GO:0000339	Regulation	Translation	RNA cap binding	F	AT2G13540
49421	7	F23 vs. S23	S2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT1G59990
49422	7	F23 vs. S23	S2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT2G47680
49423	7	F23 vs. S23	S2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT4G34910
49424	7	F23 vs. S23	S2-3 up	GO:0003724	Regulation	Translation	RNA helicase activity	F	AT5G63120
49425	7	F23 vs. S23	S2-3 up	GO:0008173	Regulation	Translation	RNA methyltransferase activity	F	AT1G60230
49426	7	F23 vs. S23	S2-3 up	GO:0008173	Regulation	Translation	RNA methyltransferase activity	F	AT5G51130
49427	7	F23 vs. S23	S2-3 up	GO:0006396	Regulation	Translation	RNA processing	P	AT1G49970
49428	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT1G03330
49429	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT1G16610
49430	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT2G18740
49431	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT2G27100
49432	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT3G13570
49433	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT3G53500
49434	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT3G62840
49435	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT4G02840

49436	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT4G14300
49437	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT5G53180
49438	7	F23 vs. S23	S2-3 up	GO:0008380	Regulation	Translation	RNA splicing	P	AT5G64200
49439	7	F23 vs. S23	S2-3 up	GO:0000394	Regulation	Translation	RNA splicing, via endonucleolytic cleavage and ligation	P	AT2G13540
49440	7	F23 vs. S23	S2-3 up	GO:1904812	Regulation	Translation	rRNA acetylation involved in maturation of SSU-rRNA	P	AT1G10490
49441	7	F23 vs. S23	S2-3 up	GO:0070475	Regulation	Translation	rRNA base methylation	P	AT1G60230
49442	7	F23 vs. S23	S2-3 up	GO:0070475	Regulation	Translation	rRNA base methylation	P	AT5G26180
49443	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G15250
49444	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G16740
49445	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G17690
49446	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G29070
49447	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT1G52300
49448	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT2G37190
49449	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT2G39460
49450	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G11940
49451	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G16080
49452	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G48930
49453	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G53430
49454	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT3G55280
49455	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT4G09800
49456	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT4G17560
49457	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT4G35490
49458	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G13510
49459	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G23740
49460	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G39850
49461	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G45775
49462	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G58420
49463	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	AT5G60670
49464	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00380
49465	7	F23 vs. S23	S2-3 up	GO:0019843	Regulation	Translation	rRNA binding	F	ATCG00790
49466	7	F23 vs. S23	S2-3 up	GO:1990883	Regulation	Translation	rRNA cytidine N-acetyltransferase activity	F	AT1G10490
49467	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G18850
49468	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G29250
49469	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT1G49970
49470	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT2G34260
49471	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G02560
49472	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G46210
49473	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT3G49180
49474	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT4G25550
49475	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT5G08420
49476	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT5G38720
49477	7	F23 vs. S23	S2-3 up	GO:0006364	Regulation	Translation	rRNA processing	P	AT5G63120
49478	7	F23 vs. S23	S2-3 up	GO:0031118	Regulation	Translation	rRNA pseudouridine synthesis	P	AT2G20490
49479	7	F23 vs. S23	S2-3 up	GO:0000386	Regulation	Translation	second spliceosomal transesterification activity	F	AT1G03140
49480	7	F23 vs. S23	S2-3 up	GO:0000386	Regulation	Translation	second spliceosomal transesterification activity	F	AT1G80070
49481	7	F23 vs. S23	S2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT2G25900
49482	7	F23 vs. S23	S2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT4G38160
49483	7	F23 vs. S23	S2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT5G09920
49484	7	F23 vs. S23	S2-3 up	GO:0003727	Regulation	Translation	single-stranded RNA binding	F	AT5G63670
49485	7	F23 vs. S23	S2-3 up	GO:0030532	Regulation	Translation	small nuclear ribonucleoprotein complex	C	AT3G62840
49486	7	F23 vs. S23	S2-3 up	GO:0005732	Regulation	Translation	small nucleolar ribonucleoprotein complex	C	AT4G30220
49487	7	F23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	AT3G56340
49488	7	F23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	AT4G09800
49489	7	F23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00380

49490	7	F23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG00820
49491	7	F23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG01230
49492	7	F23 vs. S23	S2-3 up	GO:0015935	Regulation	Translation	small ribosomal subunit	C	ATCG01240
49493	7	F23 vs. S23	S2-3 up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT2G36160
49494	7	F23 vs. S23	S2-3 up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT3G52580
49495	7	F23 vs. S23	S2-3 up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT3G60770
49496	7	F23 vs. S23	S2-3 up	GO:0070181	Regulation	Translation	small ribosomal subunit rRNA binding	F	AT4G00100
49497	7	F23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT1G17690
49498	7	F23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT1G26530
49499	7	F23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT3G02560
49500	7	F23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT3G21540
49501	7	F23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT4G22380
49502	7	F23 vs. S23	S2-3 up	GO:0032040	Regulation	Translation	small-subunit processome	C	AT5G08420
49503	7	F23 vs. S23	S2-3 up	GO:0034719	Regulation	Translation	SMN-Sm protein complex	C	AT2G23930
49504	7	F23 vs. S23	S2-3 up	GO:0034719	Regulation	Translation	SMN-Sm protein complex	C	AT3G07590
49505	7	F23 vs. S23	S2-3 up	GO:0034719	Regulation	Translation	SMN-Sm protein complex	C	AT4G02840
49506	7	F23 vs. S23	S2-3 up	GO:0017069	Regulation	Translation	snRNA binding	F	AT5G51130
49507	7	F23 vs. S23	S2-3 up	GO:0061015	Regulation	Translation	snRNA import into nucleus	P	AT4G24880
49508	7	F23 vs. S23	S2-3 up	GO:0040031	Regulation	Translation	snRNA modification	P	AT5G51130
49509	7	F23 vs. S23	S2-3 up	GO:0031120	Regulation	Translation	snRNA pseudouridine synthesis	P	AT2G20490
49510	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT1G16610
49511	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT2G18510
49512	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT2G18740
49513	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT2G30260
49514	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT2G47580
49515	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT3G13570
49516	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT3G53500
49517	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT4G14300
49518	7	F23 vs. S23	S2-3 up	GO:0005681	Regulation	Translation	spliceosomal complex	C	AT5G64200
49519	7	F23 vs. S23	S2-3 up	GO:0000245	Regulation	Translation	spliceosomal complex assembly	P	AT2G32600
49520	7	F23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT2G18740
49521	7	F23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT2G23930
49522	7	F23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT3G07590
49523	7	F23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT4G02840
49524	7	F23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT4G30220
49525	7	F23 vs. S23	S2-3 up	GO:0000387	Regulation	Translation	spliceosomal snRNP assembly	P	AT5G62290
49526	7	F23 vs. S23	S2-3 up	GO:0000244	Regulation	Translation	spliceosomal tri-snRNP complex assembly	P	AT1G80070
49527	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G04270
49528	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G07070
49529	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G07770
49530	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G07830
49531	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G14620
49532	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G16740
49533	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G18540
49534	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G23290
49535	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G26880
49536	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G29070
49537	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G36240
49538	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G52300
49539	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G67430
49540	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G74050
49541	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT1G80750
49542	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G07725
49543	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G09990
49544	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G19720
49545	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G19740

49546	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G20060
49547	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G32220
49548	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G36160
49549	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G36620
49550	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G37190
49551	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G37600
49552	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G39460
49553	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G40010
49554	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G40510
49555	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G43460
49556	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT2G45710
49557	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G01740
49558	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G01790
49559	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G02080
49560	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G04230
49561	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G05590
49562	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G06040
49563	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G11940
49564	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G13120
49565	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G18740
49566	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G22230
49567	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G27830
49568	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G45030
49569	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G48930
49570	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G49910
49571	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G52580
49572	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G52590
49573	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53020
49574	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53430
49575	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53740
49576	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G53890
49577	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G55280
49578	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G55750
49579	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G56340
49580	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G60770
49581	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT3G61110
49582	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G00100
49583	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G15000
49584	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G17560
49585	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G25740
49586	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G26230
49587	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G34555
49588	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G35490
49589	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT4G39200
49590	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G02610
49591	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G04800
49592	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G09510
49593	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G13510
49594	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G15760
49595	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G23740
49596	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G27700
49597	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G39800
49598	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G39850
49599	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G45590
49600	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G47700
49601	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G47930

49602	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G48760
49603	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G55140
49604	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G56710
49605	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G56940
49606	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G58420
49607	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G60670
49608	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G61170
49609	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	AT5G64140
49610	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00065
49611	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00380
49612	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00770
49613	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00790
49614	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00800
49615	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00820
49616	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG00830
49617	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG01020
49618	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG01230
49619	7	F23 vs. S23	S2-3 up	GO:0003735	Regulation	Translation	structural constituent of ribosome	F	ATCG01240
49620	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G04270
49621	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G08360
49622	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G09690
49623	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G15250
49624	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G16740
49625	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G23290
49626	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G26880
49627	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G29070
49628	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G52300
49629	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G57860
49630	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT1G69620
49631	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G09990
49632	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G19720
49633	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G19730
49634	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G20060
49635	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G32220
49636	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G34480
49637	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G36160
49638	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G36620
49639	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G37190
49640	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G39460
49641	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G40510
49642	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G45710
49643	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT2G47110
49644	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G01790
49645	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G02080
49646	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G02190
49647	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G02560
49648	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G04230
49649	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G04400
49650	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G04920
49651	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G05590
49652	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G06040
49653	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G09500
49654	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G10950
49655	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G11940
49656	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G13120
49657	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G14600

49658	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G16080
49659	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G22230
49660	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G25520
49661	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G27830
49662	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G48930
49663	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G52580
49664	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G52590
49665	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G53020
49666	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G53430
49667	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G53890
49668	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G55280
49669	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G56340
49670	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G60770
49671	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT3G61110
49672	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G00100
49673	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G09800
49674	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G14320
49675	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G15000
49676	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G17560
49677	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G29410
49678	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G31985
49679	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G33865
49680	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT4G35490
49681	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G02610
49682	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G03850
49683	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G04800
49684	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G09510
49685	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G10360
49686	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G13510
49687	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G15760
49688	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G22440
49689	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G23740
49690	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G23900
49691	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G27700
49692	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G27850
49693	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G28060
49694	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G39800
49695	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G39850
49696	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G45590
49697	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G47930
49698	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G48760
49699	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G55140
49700	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G56670
49701	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G56940
49702	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G58420
49703	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G60670
49704	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G61170
49705	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	AT5G64140
49706	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00065
49707	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00380
49708	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00770
49709	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00790
49710	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00800
49711	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00820
49712	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG00830
49713	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG01020

49714	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG01230
49715	7	F23 vs. S23	S2-3 up	GO:0006412	Regulation	Translation	translation	P	ATCG01240
49716	7	F23 vs. S23	S2-3 up	GO:0031369	Regulation	Translation	translation initiation factor binding	F	AT3G56150
49717	7	F23 vs. S23	S2-3 up	GO:0031369	Regulation	Translation	translation initiation factor binding	F	AT5G09920
49718	7	F23 vs. S23	S2-3 up	GO:0002188	Regulation	Translation	translation reinitiation	P	AT1G09150
49719	7	F23 vs. S23	S2-3 up	GO:0016149	Regulation	Translation	translation release factor activity, codon specific	F	AT1G33330
49720	7	F23 vs. S23	S2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT2G31060
49721	7	F23 vs. S23	S2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT5G47700
49722	7	F23 vs. S23	S2-3 up	GO:0006414	Regulation	Translation	translational elongation	P	AT5G57290
49723	7	F23 vs. S23	S2-3 up	GO:0006452	Regulation	Translation	translational frameshifting	P	AT1G69410
49724	7	F23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G22780
49725	7	F23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT1G69410
49726	7	F23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT3G56150
49727	7	F23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT4G27130
49728	7	F23 vs. S23	S2-3 up	GO:0006413	Regulation	Translation	translational initiation	P	AT4G30690
49729	7	F23 vs. S23	S2-3 up	GO:0006415	Regulation	Translation	translational termination	P	AT1G33330
49730	7	F23 vs. S23	S2-3 up	GO:0016423	Regulation	Translation	tRNA (guanine) methyltransferase activity	F	AT4G17610
49731	7	F23 vs. S23	S2-3 up	GO:0009019	Regulation	Translation	tRNA (guanine-N1-)-methyltransferase activity	F	AT5G47680
49732	7	F23 vs. S23	S2-3 up	GO:0042780	Regulation	Translation	tRNA 3'-end processing	P	AT2G04530
49733	7	F23 vs. S23	S2-3 up	GO:0034414	Regulation	Translation	tRNA 3'-trailer cleavage, endonucleolytic	P	AT2G04530
49734	7	F23 vs. S23	S2-3 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT1G04170
49735	7	F23 vs. S23	S2-3 up	GO:0000049	Regulation	Translation	tRNA binding	F	AT5G47680
49736	7	F23 vs. S23	S2-3 up	GO:0030488	Regulation	Translation	tRNA methylation	P	AT1G60230
49737	7	F23 vs. S23	S2-3 up	GO:0030488	Regulation	Translation	tRNA methylation	P	AT4G17610
49738	7	F23 vs. S23	S2-3 up	GO:0006400	Regulation	Translation	tRNA modification	P	AT5G47680
49739	7	F23 vs. S23	S2-3 up	GO:0008033	Regulation	Translation	tRNA processing	P	AT2G04530
49740	7	F23 vs. S23	S2-3 up	GO:0008033	Regulation	Translation	tRNA processing	P	AT4G38160
49741	7	F23 vs. S23	S2-3 up	GO:0106029	Regulation	Translation	tRNA pseudouridine synthase activity	F	AT1G34150
49742	7	F23 vs. S23	S2-3 up	GO:0031119	Regulation	Translation	tRNA pseudouridine synthesis	P	AT1G34150
49743	7	F23 vs. S23	S2-3 up	GO:0002098	Regulation	Translation	tRNA wobble uridine modification	P	AT3G11800
49744	7	F23 vs. S23	S2-3 up	GO:0030619	Regulation	Translation	U1 snRNA binding	F	AT1G80070
49745	7	F23 vs. S23	S2-3 up	GO:0030619	Regulation	Translation	U1 snRNA binding	F	AT2G47580
49746	7	F23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT2G18740
49747	7	F23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT2G23930
49748	7	F23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT2G47580
49749	7	F23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT3G07590
49750	7	F23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT4G02840
49751	7	F23 vs. S23	S2-3 up	GO:0005685	Regulation	Translation	U1 snRNP	C	AT5G51410
49752	7	F23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G03870
49753	7	F23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G18510
49754	7	F23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT2G23930
49755	7	F23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT3G07590
49756	7	F23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT4G02840
49757	7	F23 vs. S23	S2-3 up	GO:0005689	Regulation	Translation	U12-type spliceosomal complex	C	AT4G32270
49758	7	F23 vs. S23	S2-3 up	GO:0030620	Regulation	Translation	U2 snRNA binding	F	AT1G80070
49759	7	F23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT2G18740
49760	7	F23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT2G23930
49761	7	F23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT2G30260
49762	7	F23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT2G32600
49763	7	F23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT3G07590
49764	7	F23 vs. S23	S2-3 up	GO:0005686	Regulation	Translation	U2 snRNP	C	AT4G02840
49765	7	F23 vs. S23	S2-3 up	GO:0071021	Regulation	Translation	U2-type post-spliceosomal complex	C	AT1G03140
49766	7	F23 vs. S23	S2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G03870
49767	7	F23 vs. S23	S2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G23930
49768	7	F23 vs. S23	S2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT2G32600
49769	7	F23 vs. S23	S2-3 up	GO:0071004	Regulation	Translation	U2-type prespliceosome	C	AT5G51410

49770	7	F23 vs. S23	S2-3 up	GO:0034511	Regulation	Translation	U3 snoRNA binding	F	AT1G17690
49771	7	F23 vs. S23	S2-3 up	GO:0034475	Regulation	Translation	U4 snRNA 3'-end processing	P	AT3G46210
49772	7	F23 vs. S23	S2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT2G18740
49773	7	F23 vs. S23	S2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT2G23930
49774	7	F23 vs. S23	S2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT3G07590
49775	7	F23 vs. S23	S2-3 up	GO:0005687	Regulation	Translation	U4 snRNP	C	AT4G02840
49776	7	F23 vs. S23	S2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT1G03140
49777	7	F23 vs. S23	S2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT1G03330
49778	7	F23 vs. S23	S2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT2G18740
49779	7	F23 vs. S23	S2-3 up	GO:0046540	Regulation	Translation	U4/U6 x U5 tri-snRNP complex	C	AT4G22380
49780	7	F23 vs. S23	S2-3 up	GO:0030623	Regulation	Translation	U5 snRNA binding	F	AT1G80070
49781	7	F23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT1G03140
49782	7	F23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT1G80070
49783	7	F23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT2G18740
49784	7	F23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT2G23930
49785	7	F23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT3G07590
49786	7	F23 vs. S23	S2-3 up	GO:0005682	Regulation	translation	U5 snRNP	C	AT4G02840
49787	7	F23 vs. S23	S2-3 up	GO:0017070	Regulation	Translation	U6 snRNA binding	F	AT1G80070
49788	7	F23 vs. S23	S2-3 up	GO:0005688	Regulation	Translation	U6 snRNP	C	AT1G03330
49789	7	F23 vs. S23	S2-3 up	GO:0005688	Regulation	Translation	U6 snRNP	C	AT2G03870
49790	7	F23 vs. S23	S2-3 up	GO:0004832	Regulation	Translation	valine-tRNA ligase activity	F	AT5G16715
49791	7	F23 vs. S23	S2-3 up	GO:0006438	Regulation	Translation	valyl-tRNA aminoacylation	P	AT5G16715
49792	7	F23 vs. S23	S2-3 up	GO:0060321	Signaling and response	Signaling	acceptance of pollen	P	AT1G76850
49793	7	F23 vs. S23	S2-3 up	GO:0060321	Signaling and response	Signaling	acceptance of pollen	P	AT3G10380
49794	7	F23 vs. S23	S2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT1G04040
49795	7	F23 vs. S23	S2-3 up	GO:0003993	Signaling and response	Signaling	acid phosphatase activity	F	AT4G24890
49796	7	F23 vs. S23	S2-3 up	GO:0010541	Signaling and response	Signaling	acropetal auxin transport	P	AT3G63420
49797	7	F23 vs. S23	S2-3 up	GO:0090630	Signaling and response	Signaling	activation of GTPase activity	P	AT3G07890
49798	7	F23 vs. S23	S2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT1G63700
49799	7	F23 vs. S23	S2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT3G06030
49800	7	F23 vs. S23	S2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT3G07980
49801	7	F23 vs. S23	S2-3 up	GO:0032147	Signaling and response	Signaling	activation of protein kinase activity	P	AT5G56580
49802	7	F23 vs. S23	S2-3 up	GO:0007188	Signaling and response	Signaling	adenylate cyclase-modulating G protein-coupled receptor signaling pathway	P	AT2G23460
49803	7	F23 vs. S23	S2-3 up	GO:0010011	Signaling and response	Signaling	auxin binding	F	AT3G26810
49804	7	F23 vs. S23	S2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT1G75500
49805	7	F23 vs. S23	S2-3 up	GO:0009851	Signaling and response	Signaling	auxin biosynthetic process	P	AT5G25620
49806	7	F23 vs. S23	S2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT1G75500
49807	7	F23 vs. S23	S2-3 up	GO:0010315	Signaling and response	Signaling	auxin efflux	P	AT2G44830
49808	7	F23 vs. S23	S2-3 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT1G02520
49809	7	F23 vs. S23	S2-3 up	GO:0010329	Signaling and response	Signaling	auxin efflux transmembrane transporter activity	F	AT1G73590
49810	7	F23 vs. S23	S2-3 up	GO:0060774	Signaling and response	Signaling	auxin mediated signaling pathway involved in phyllotactic patterning	P	AT5G10510
49811	7	F23 vs. S23	S2-3 up	GO:0060774	Signaling and response	Signaling	auxin mediated signaling pathway involved in phyllotactic patterning	P	AT5G57390
49812	7	F23 vs. S23	S2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT1G73590
49813	7	F23 vs. S23	S2-3 up	GO:0009926	Signaling and response	Signaling	auxin polar transport	P	AT3G02260
49814	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G73590
49815	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT1G75500
49816	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G02260
49817	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G12830
49818	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G26810
49819	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT3G53020
49820	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G02570
49821	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G26610
49822	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT4G35020

49823	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G42190
49824	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G47370
49825	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G62000
49826	7	F23 vs. S23	S2-3 up	GO:0009734	Signaling and response	Signaling	auxin-activated signaling pathway	P	AT5G65670
49827	7	F23 vs. S23	S2-3 up	GO:0010540	Signaling and response	Signaling	basipetal auxin transport	P	AT1G02520
49828	7	F23 vs. S23	S2-3 up	GO:0010540	Signaling and response	Signaling	basipetal auxin transport	P	AT4G26610
49829	7	F23 vs. S23	S2-3 up	GO:0009785	Signaling and response	Signaling	blue light signaling pathway	P	AT5G49230
49830	7	F23 vs. S23	S2-3 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT4G36380
49831	7	F23 vs. S23	S2-3 up	GO:0016132	Signaling and response	Signaling	brassinosteroid biosynthetic process	P	AT5G05690
49832	7	F23 vs. S23	S2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT1G71830
49833	7	F23 vs. S23	S2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT2G44080
49834	7	F23 vs. S23	S2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT4G33430
49835	7	F23 vs. S23	S2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT5G26230
49836	7	F23 vs. S23	S2-3 up	GO:0009742	Signaling and response	Signaling	brassinosteroid mediated signaling pathway	P	AT5G58220
49837	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G12310
49838	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT1G52410
49839	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT2G34940
49840	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G09090
49841	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT3G50770
49842	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G18580
49843	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G19450
49844	7	F23 vs. S23	S2-3 up	GO:0005509	Signaling and response	Signaling	calcium ion binding	F	AT5G61790
49845	7	F23 vs. S23	S2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT4G33950
49846	7	F23 vs. S23	S2-3 up	GO:0009931	Signaling and response	Signaling	calcium-dependent protein serine/threonine kinase activity	F	AT5G19450
49847	7	F23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT1G27770
49848	7	F23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT3G56880
49849	7	F23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT4G33200
49850	7	F23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G19450
49851	7	F23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G28300
49852	7	F23 vs. S23	S2-3 up	GO:0005516	Signaling and response	Signaling	calmodulin binding	F	AT5G65930
49853	7	F23 vs. S23	S2-3 up	GO:0004683	Signaling and response	Signaling	calmodulin-dependent protein kinase activity	F	AT5G19450
49854	7	F23 vs. S23	S2-3 up	GO:0007154	Signaling and response	Signaling	cell communication	P	AT3G08710
49855	7	F23 vs. S23	S2-3 up	GO:0007154	Signaling and response	Signaling	cell communication	P	AT5G42100
49856	7	F23 vs. S23	S2-3 up	GO:0071365	Signaling and response	Signaling	cellular response to auxin stimulus	P	AT1G22530
49857	7	F23 vs. S23	S2-3 up	GO:0071365	Signaling and response	Signaling	cellular response to auxin stimulus	P	AT1G30690
49858	7	F23 vs. S23	S2-3 up	GO:0071277	Signaling and response	Signaling	cellular response to calcium ion	P	AT5G07300
49859	7	F23 vs. S23	S2-3 up	GO:0071244	Signaling and response	Signaling	cellular response to carbon dioxide	P	AT4G33950
49860	7	F23 vs. S23	S2-3 up	GO:0070417	Signaling and response	Signaling	cellular response to cold	P	AT4G15920
49861	7	F23 vs. S23	S2-3 up	GO:0071368	Signaling and response	Signaling	cellular response to cytokinin stimulus	P	AT2G25180
49862	7	F23 vs. S23	S2-3 up	GO:0071249	Signaling and response	Signaling	cellular response to nitrate	P	AT3G60320
49863	7	F23 vs. S23	S2-3 up	GO:0043562	Signaling and response	Signaling	cellular response to nitrogen levels	P	AT5G21170
49864	7	F23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT2G18170
49865	7	F23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G24050
49866	7	F23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT3G61070
49867	7	F23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G15920
49868	7	F23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT4G36930
49869	7	F23 vs. S23	S2-3 up	GO:0007623	Signaling and response	Signaling	circadian rhythm	P	AT5G58140
49870	7	F23 vs. S23	S2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT4G00570
49871	7	F23 vs. S23	S2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	AT5G23140
49872	7	F23 vs. S23	S2-3 up	GO:0050897	Signaling and response	Signaling	cobalt ion binding	F	ATMG01190
49873	7	F23 vs. S23	S2-3 up	GO:0009736	Signaling and response	Signaling	cytokinin-activated signaling pathway	P	AT2G25180
49874	7	F23 vs. S23	S2-3 up	GO:0009736	Signaling and response	Signaling	cytokinin-activated signaling pathway	P	AT3G11540
49875	7	F23 vs. S23	S2-3 up	GO:0009736	Signaling and response	Signaling	cytokinin-activated signaling pathway	P	AT3G21510
49876	7	F23 vs. S23	S2-3 up	GO:0016311	Signaling and response	Signaling	dephosphorylation	P	AT4G24890

49877	7	F23 vs. S23	S2-3 up	GO:0010018	Signaling and response	Signaling	far-red light signaling pathway	P	AT4G25560
49878	7	F23 vs. S23	S2-3 up	GO:0001664	Signaling and response	Signaling	G protein-coupled receptor binding	F	AT2G23460
49879	7	F23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT2G36830
49880	7	F23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT3G11540
49881	7	F23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT3G27810
49882	7	F23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT5G14920
49883	7	F23 vs. S23	S2-3 up	GO:0009740	Signaling and response	Signaling	gibberellic acid mediated signaling pathway	P	AT5G15230
49884	7	F23 vs. S23	S2-3 up	GO:0031683	Signaling and response	Signaling	G-protein beta/gamma-subunit complex binding	F	AT2G23460
49885	7	F23 vs. S23	S2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT1G73590
49886	7	F23 vs. S23	S2-3 up	GO:0009630	Signaling and response	Signaling	gravitropism	P	AT3G54220
49887	7	F23 vs. S23	S2-3 up	GO:0030742	Signaling and response	Signaling	GTP-dependent protein binding	F	AT3G11730
49888	7	F23 vs. S23	S2-3 up	GO:0005834	Signaling and response	Signaling	heterotrimeric G-protein complex	C	AT2G23460
49889	7	F23 vs. S23	S2-3 up	GO:0009755	Signaling and response	Signaling	hormone-mediated signaling pathway	P	AT1G20930
49890	7	F23 vs. S23	S2-3 up	GO:0009755	Signaling and response	Signaling	hormone-mediated signaling pathway	P	AT1G76540
49891	7	F23 vs. S23	S2-3 up	GO:0009755	Signaling and response	Signaling	hormone-mediated signaling pathway	P	AT4G15900
49892	7	F23 vs. S23	S2-3 up	GO:0007229	Signaling and response	Signaling	integrin-mediated signaling pathway	P	AT2G31800
49893	7	F23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G01450
49894	7	F23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT2G18170
49895	7	F23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT3G06110
49896	7	F23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT4G13020
49897	7	F23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT4G33950
49898	7	F23 vs. S23	S2-3 up	GO:0035556	Signaling and response	Signaling	intracellular signal transduction	P	AT5G19450
49899	7	F23 vs. S23	S2-3 up	GO:0032366	Signaling and response	Signaling	intracellular sterol transport	P	AT3G44100
49900	7	F23 vs. S23	S2-3 up	GO:0030795	Signaling and response	Signaling	jasmonate O-methyltransferase activity	F	AT1G19640
49901	7	F23 vs. S23	S2-3 up	GO:0009695	Signaling and response	Signaling	jasmonic acid biosynthetic process	P	AT1G19640
49902	7	F23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT1G19640
49903	7	F23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT2G40330
49904	7	F23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G11910
49905	7	F23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT3G27810
49906	7	F23 vs. S23	S2-3 up	GO:0009867	Signaling and response	Signaling	jasmonic acid mediated signaling pathway	P	AT4G02570
49907	7	F23 vs. S23	S2-3 up	GO:0009694	Signaling and response	Signaling	jasmonic acid metabolic process	P	AT1G19640
49908	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G05205
49909	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G31420
49910	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G51940
49911	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G53440
49912	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT1G71830
49913	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G35620
49914	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G42910
49915	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT2G44830
49916	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G02880
49917	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G08680
49918	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G13670
49919	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G47580
49920	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT3G56370
49921	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G26610
49922	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G33430
49923	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G33950
49924	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT4G36180
49925	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G07180
49926	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G16590
49927	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G58140
49928	7	F23 vs. S23	S2-3 up	GO:0016301	Signaling and response	Signaling	kinase activity	F	AT5G66800
49929	7	F23 vs. S23	S2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT2G44670
49930	7	F23 vs. S23	S2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT4G17670
49931	7	F23 vs. S23	S2-3 up	GO:0019900	Signaling and response	Signaling	kinase binding	F	AT4G33260
49932	7	F23 vs. S23	S2-3 up	GO:0019210	Signaling and response	Signaling	kinase inhibitor activity	F	AT5G26230

49933	7	F23 vs. S23	S2-3 up	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT2G13540
49934	7	F23 vs. S23	S2-3 up	GO:0048574	Signaling and response	Signaling	long-day photoperiodism, flowering	P	AT3G13670
49935	7	F23 vs. S23	S2-3 up	GO:0004724	Signaling and response	Signaling	magnesium-dependent protein serine/threonine phosphatase activity	F	AT5G27930
49936	7	F23 vs. S23	S2-3 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT2G01450
49937	7	F23 vs. S23	S2-3 up	GO:0004707	Signaling and response	Signaling	MAP kinase activity	F	AT2G18170
49938	7	F23 vs. S23	S2-3 up	GO:0004708	Signaling and response	Signaling	MAP kinase kinase activity	F	AT5G56580
49939	7	F23 vs. S23	S2-3 up	GO:0004709	Signaling and response	Signaling	MAP kinase kinase kinase activity	F	AT1G63700
49940	7	F23 vs. S23	S2-3 up	GO:0004709	Signaling and response	Signaling	MAP kinase kinase kinase activity	F	AT3G06030
49941	7	F23 vs. S23	S2-3 up	GO:0033549	Signaling and response	Signaling	MAP kinase phosphatase activity	F	AT3G06110
49942	7	F23 vs. S23	S2-3 up	GO:0000165	Signaling and response	Signaling	MAPK cascade	P	AT2G18170
49943	7	F23 vs. S23	S2-3 up	GO:0031930	Signaling and response	Signaling	mitochondria-nucleus signaling pathway	P	AT1G34190
49944	7	F23 vs. S23	S2-3 up	GO:0051019	Signaling and response	Signaling	mitogen-activated protein kinase binding	F	AT5G56580
49945	7	F23 vs. S23	S2-3 up	GO:0031435	Signaling and response	Signaling	mitogen-activated protein kinase kinase kinase binding	F	AT5G56580
49946	7	F23 vs. S23	S2-3 up	GO:0009938	Signaling and response	Signaling	negative regulation of gibberellic acid mediated signaling pathway	P	AT3G11540
49947	7	F23 vs. S23	S2-3 up	GO:0048579	Signaling and response	Signaling	negative regulation of long-day photoperiodism, flowering	P	AT4G20400
49948	7	F23 vs. S23	S2-3 up	GO:0043407	Signaling and response	Signaling	negative regulation of MAP kinase activity	P	AT3G06110
49949	7	F23 vs. S23	S2-3 up	GO:0004550	Signaling and response	Signaling	nucleoside diphosphate kinase activity	F	AT4G23900
49950	7	F23 vs. S23	S2-3 up	GO:0005034	Signaling and response	Signaling	osmosensor activity	F	AT2G17820
49951	7	F23 vs. S23	S2-3 up	GO:0002221	Signaling and response	Signaling	pattern recognition receptor signaling pathway	P	AT2G02080
49952	7	F23 vs. S23	S2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT1G73450
49953	7	F23 vs. S23	S2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT3G13670
49954	7	F23 vs. S23	S2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT5G14640
49955	7	F23 vs. S23	S2-3 up	GO:0018105	Signaling and response	Signaling	peptidyl-serine phosphorylation	P	AT5G19450
49956	7	F23 vs. S23	S2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT1G73450
49957	7	F23 vs. S23	S2-3 up	GO:0018107	Signaling and response	Signaling	peptidyl-threonine phosphorylation	P	AT5G14640
49958	7	F23 vs. S23	S2-3 up	GO:0046856	Signaling and response	Signaling	phosphatidylinositol dephosphorylation	P	AT3G19420
49959	7	F23 vs. S23	S2-3 up	GO:0052866	Signaling and response	Signaling	phosphatidylinositol phosphate phosphatase activity	F	AT3G19420
49960	7	F23 vs. S23	S2-3 up	GO:0016314	Signaling and response	Signaling	phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase activity	F	AT3G19420
49961	7	F23 vs. S23	S2-3 up	GO:0004721	Signaling and response	Signaling	phosphoprotein phosphatase activity	F	AT2G42810
49962	7	F23 vs. S23	S2-3 up	GO:0000156	Signaling and response	Signaling	phosphorelay response regulator activity	F	AT2G25180
49963	7	F23 vs. S23	S2-3 up	GO:0000155	Signaling and response	Signaling	phosphorelay sensor kinase activity	F	AT2G17820
49964	7	F23 vs. S23	S2-3 up	GO:0000155	Signaling and response	Signaling	phosphorelay sensor kinase activity	F	AT3G23150
49965	7	F23 vs. S23	S2-3 up	GO:0000160	Signaling and response	Signaling	phosphorelay signal transduction system	P	AT2G17820
49966	7	F23 vs. S23	S2-3 up	GO:0000160	Signaling and response	Signaling	phosphorelay signal transduction system	P	AT2G25180
49967	7	F23 vs. S23	S2-3 up	GO:0000160	Signaling and response	Signaling	phosphorelay signal transduction system	P	AT3G21510
49968	7	F23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT1G52410
49969	7	F23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT1G73590
49970	7	F23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT1G79810
49971	7	F23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT3G02260
49972	7	F23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT3G54720
49973	7	F23 vs. S23	S2-3 up	GO:0009640	Signaling and response	Signaling	photomorphogenesis	P	AT4G37470
49974	7	F23 vs. S23	S2-3 up	GO:0048573	Signaling and response	Signaling	photoperiodism, flowering	P	AT4G20400
49975	7	F23 vs. S23	S2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT2G44830
49976	7	F23 vs. S23	S2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT4G26610
49977	7	F23 vs. S23	S2-3 up	GO:0009638	Signaling and response	Signaling	phototropism	P	AT5G58140
49978	7	F23 vs. S23	S2-3 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT4G35020
49979	7	F23 vs. S23	S2-3 up	GO:0009958	Signaling and response	Signaling	positive gravitropism	P	AT5G50375
49980	7	F23 vs. S23	S2-3 up	GO:0090355	Signaling and response	Signaling	positive regulation of auxin metabolic process	P	AT1G75500
49981	7	F23 vs. S23	S2-3 up	GO:2000488	Signaling and response	Signaling	positive regulation of brassinosteroid biosynthetic process	P	AT1G25330

49982	7	F23 vs. S23	S2-3 up	GO:0048578	Signaling and response	Signaling	positive regulation of long-day photoperiodism, flowering	P	AT1G66750
49983	7	F23 vs. S23	S2-3 up	GO:1902448	Signaling and response	Signaling	positive regulation of shade avoidance	P	AT1G18400
49984	7	F23 vs. S23	S2-3 up	GO:0010220	Signaling and response	Signaling	positive regulation of vernalization response	P	AT4G31120
49985	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G08680
49986	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G20930
49987	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G53440
49988	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT1G71830
49989	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G01450
49990	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G31800
49991	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT2G35620
49992	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G06030
49993	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT3G24550
49994	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G05150
49995	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT4G33950
49996	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G14640
49997	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G19450
49998	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G50860
49999	7	F23 vs. S23	S2-3 up	GO:0046777	Signaling and response	Signaling	protein autophosphorylation	P	AT5G58140
50000	7	F23 vs. S23	S2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT2G42810
50001	7	F23 vs. S23	S2-3 up	GO:0006470	Signaling and response	Signaling	protein dephosphorylation	P	AT5G27930
50002	7	F23 vs. S23	S2-3 up	GO:0030295	Signaling and response	Signaling	protein kinase activator activity	F	AT5G47700
50003	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT1G66750
50004	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G17620
50005	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G26730
50006	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G26760
50007	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT2G33560
50008	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G02880
50009	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G08680
50010	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G24550
50011	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT3G56370
50012	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G26610
50013	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G33430
50014	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G33950
50015	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G34160
50016	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT4G37490
50017	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G10020
50018	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G16590
50019	7	F23 vs. S23	S2-3 up	GO:0004672	Signaling and response	Signaling	protein kinase activity	F	AT5G67200
50020	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT1G34245
50021	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G17620
50022	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G26760
50023	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G27960
50024	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT2G27970
50025	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G34160
50026	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G35020
50027	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT4G37490
50028	7	F23 vs. S23	S2-3 up	GO:0019901	Signaling and response	Signaling	protein kinase binding	F	AT5G65930
50029	7	F23 vs. S23	S2-3 up	GO:0004860	Signaling and response	Signaling	protein kinase inhibitor activity	F	AT5G59360
50030	7	F23 vs. S23	S2-3 up	GO:0019887	Signaling and response	Signaling	protein kinase regulator activity	F	AT4G17640
50031	7	F23 vs. S23	S2-3 up	GO:0019887	Signaling and response	Signaling	protein kinase regulator activity	F	AT5G21170
50032	7	F23 vs. S23	S2-3 up	GO:0034394	Signaling and response	Signaling	protein localization to cell surface	P	AT1G08750
50033	7	F23 vs. S23	S2-3 up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT2G40330
50034	7	F23 vs. S23	S2-3 up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT5G05440
50035	7	F23 vs. S23	S2-3 up	GO:0004864	Signaling and response	Signaling	protein phosphatase inhibitor activity	F	AT5G64130
50036	7	F23 vs. S23	S2-3 up	GO:0019888	Signaling and response	Signaling	protein phosphatase regulator activity	F	AT5G18580

50037	7	F23 vs. S23	S2-3 up	GO:0045309	Signaling and response	Signaling	protein phosphorylated amino acid binding	F	AT5G16050
50038	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G20650
50039	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G20930
50040	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G31420
50041	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G50240
50042	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G54510
50043	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G66750
50044	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G71830
50045	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G73450
50046	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT1G76540
50047	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G26330
50048	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G26730
50049	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G38620
50050	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT2G44830
50051	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G02880
50052	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G04810
50053	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G08680
50054	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G24550
50055	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G47580
50056	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G49670
50057	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT3G56370
50058	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G13020
50059	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G17640
50060	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G26610
50061	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G33430
50062	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G33950
50063	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT4G36180
50064	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G01020
50065	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G07180
50066	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G10020
50067	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G13290
50068	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G16590
50069	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G19450
50070	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G58140
50071	7	F23 vs. S23	S2-3 up	GO:0006468	Signaling and response	Signaling	protein phosphorylation	P	AT5G67200
50072	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G08680
50073	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G20930
50074	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G31420
50075	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G50240
50076	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G53440
50077	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G54510
50078	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G63700
50079	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G66750
50080	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT1G73450
50081	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G01450
50082	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G31800
50083	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G35620
50084	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G38620
50085	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT2G44830
50086	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G04810
50087	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G06030
50088	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G07980
50089	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G13670
50090	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G23150
50091	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G24550
50092	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G47580

50093	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT3G49670
50094	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G05150
50095	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G17640
50096	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G26610
50097	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G32830
50098	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G33430
50099	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G33950
50100	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT4G36180
50101	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G01020
50102	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G07180
50103	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G14640
50104	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G50860
50105	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G56580
50106	7	F23 vs. S23	S2-3 up	GO:0004674	Signaling and response	Signaling	protein serine/threonine kinase activity	F	AT5G58140
50107	7	F23 vs. S23	S2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT2G42810
50108	7	F23 vs. S23	S2-3 up	GO:0004722	Signaling and response	Signaling	protein serine/threonine phosphatase activity	F	AT5G27930
50109	7	F23 vs. S23	S2-3 up	GO:0004712	Signaling and response	Signaling	protein serine/threonine/tyrosine kinase activity	F	AT2G31800
50110	7	F23 vs. S23	S2-3 up	GO:0004725	Signaling and response	Signaling	protein tyrosine phosphatase activity	F	AT3G06110
50111	7	F23 vs. S23	S2-3 up	GO:0004725	Signaling and response	Signaling	protein tyrosine phosphatase activity	F	AT3G19420
50112	7	F23 vs. S23	S2-3 up	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT3G06110
50113	7	F23 vs. S23	S2-3 up	GO:0008138	Signaling and response	Signaling	protein tyrosine/serine/threonine phosphatase activity	F	AT3G19420
50114	7	F23 vs. S23	S2-3 up	GO:0047134	Signaling and response	Signaling	protein-disulfide reductase activity	F	AT5G25620
50115	7	F23 vs. S23	S2-3 up	GO:0017137	Signaling and response	Signaling	Rab GTPase binding	F	AT3G07890
50116	7	F23 vs. S23	S2-3 up	GO:0017112	Signaling and response	Signaling	Rab guanyl-nucleotide exchange factor activity	F	AT1G76950
50117	7	F23 vs. S23	S2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT1G16920
50118	7	F23 vs. S23	S2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT3G11730
50119	7	F23 vs. S23	S2-3 up	GO:0032482	Signaling and response	Signaling	Rab protein signal transduction	P	AT5G45750
50120	7	F23 vs. S23	S2-3 up	GO:0008536	Signaling and response	Signaling	Ran GTPase binding	F	AT1G27310
50121	7	F23 vs. S23	S2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT1G71830
50122	7	F23 vs. S23	S2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT2G26330
50123	7	F23 vs. S23	S2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT3G49670
50124	7	F23 vs. S23	S2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT4G33430
50125	7	F23 vs. S23	S2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT5G07180
50126	7	F23 vs. S23	S2-3 up	GO:0033612	Signaling and response	Signaling	receptor serine/threonine kinase binding	F	AT5G13290
50127	7	F23 vs. S23	S2-3 up	GO:0010161	Signaling and response	Signaling	red light signaling pathway	P	AT5G49230
50128	7	F23 vs. S23	S2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT2G42810
50129	7	F23 vs. S23	S2-3 up	GO:0010017	Signaling and response	Signaling	red or far-red light signaling pathway	P	AT4G16780
50130	7	F23 vs. S23	S2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT3G27810
50131	7	F23 vs. S23	S2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G16780
50132	7	F23 vs. S23	S2-3 up	GO:0009585	Signaling and response	Signaling	red, far-red light phototransduction	P	AT4G25560
50133	7	F23 vs. S23	S2-3 up	GO:0010928	Signaling and response	Signaling	regulation of auxin mediated signaling pathway	P	AT4G35020
50134	7	F23 vs. S23	S2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT1G19330
50135	7	F23 vs. S23	S2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT1G31500
50136	7	F23 vs. S23	S2-3 up	GO:0042752	Signaling and response	Signaling	regulation of circadian rhythm	P	AT4G02570
50137	7	F23 vs. S23	S2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT1G66750
50138	7	F23 vs. S23	S2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT2G17620
50139	7	F23 vs. S23	S2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT2G26760
50140	7	F23 vs. S23	S2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT4G34160
50141	7	F23 vs. S23	S2-3 up	GO:0000079	Signaling and response	Signaling	regulation of cyclin-dependent protein serine/threonine kinase activity	P	AT4G37490

50142	7	F23 vs. S23	S2-3 up	GO:0080036	Signaling and response	Signaling	regulation of cytokinin-activated signaling pathway	P	AT2G25180
50143	7	F23 vs. S23	S2-3 up	GO:0080036	Signaling and response	Signaling	regulation of cytokinin-activated signaling pathway	P	AT3G21510
50144	7	F23 vs. S23	S2-3 up	GO:2000022	Signaling and response	Signaling	regulation of jasmonic acid mediated signaling pathway	P	AT1G15380
50145	7	F23 vs. S23	S2-3 up	GO:2000028	Signaling and response	Signaling	regulation of photoperiodism, flowering	P	AT3G12130
50146	7	F23 vs. S23	S2-3 up	GO:0080163	Signaling and response	Signaling	regulation of protein serine/threonine phosphatase activity	P	AT2G40330
50147	7	F23 vs. S23	S2-3 up	GO:0080163	Signaling and response	Signaling	regulation of protein serine/threonine phosphatase activity	P	AT5G05440
50148	7	F23 vs. S23	S2-3 up	GO:2000067	Signaling and response	Signaling	regulation of root morphogenesis	P	AT2G23460
50149	7	F23 vs. S23	S2-3 up	GO:2000031	Signaling and response	Signaling	regulation of salicylic acid mediated signaling pathway	P	AT1G15380
50150	7	F23 vs. S23	S2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT1G20450
50151	7	F23 vs. S23	S2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT3G47620
50152	7	F23 vs. S23	S2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT3G54770
50153	7	F23 vs. S23	S2-3 up	GO:0010029	Signaling and response	Signaling	regulation of seed germination	P	AT5G15090
50154	7	F23 vs. S23	S2-3 up	GO:0048510	Signaling and response	Signaling	regulation of timing of transition from vegetative to reproductive phase	P	AT1G27360
50155	7	F23 vs. S23	S2-3 up	GO:0048510	Signaling and response	Signaling	regulation of timing of transition from vegetative to reproductive phase	P	AT1G27370
50156	7	F23 vs. S23	S2-3 up	GO:0010321	Signaling and response	Signaling	regulation of vegetative phase change	P	AT3G15270
50157	7	F23 vs. S23	S2-3 up	GO:0009628	Signaling and response	Signaling	response to abiotic stimulus	P	AT5G48310
50158	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G19830
50159	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G43850
50160	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT1G53230
50161	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G02260
50162	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT3G03840
50163	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G02570
50164	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G16780
50165	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT4G32551
50166	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G20570
50167	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G40770
50168	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G47370
50169	7	F23 vs. S23	S2-3 up	GO:0009733	Signaling and response	Signaling	response to auxin	P	AT5G65670
50170	7	F23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT1G43850
50171	7	F23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT2G41430
50172	7	F23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT4G32551
50173	7	F23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G15090
50174	7	F23 vs. S23	S2-3 up	GO:0009617	Signaling and response	Signaling	response to bacterium	P	AT5G57490
50175	7	F23 vs. S23	S2-3 up	GO:0009637	Signaling and response	Signaling	response to blue light	P	AT5G58140
50176	7	F23 vs. S23	S2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT2G44080
50177	7	F23 vs. S23	S2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT4G34160
50178	7	F23 vs. S23	S2-3 up	GO:0009741	Signaling and response	Signaling	response to brassinosteroid	P	AT5G26230
50179	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G13930
50180	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G50480
50181	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT1G76680
50182	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G01140
50183	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G30110
50184	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT2G42810
50185	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G12670
50186	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G20390
50187	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT3G60190
50188	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G16050
50189	7	F23 vs. S23	S2-3 up	GO:0046686	Signaling and response	Signaling	response to cadmium ion	P	AT5G57410
50190	7	F23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT2G25180
50191	7	F23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT2G33880

50192	7	F23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT3G47620
50193	7	F23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT4G16780
50194	7	F23 vs. S23	S2-3 up	GO:0009735	Signaling and response	Signaling	response to cytokinin	P	AT4G34160
50195	7	F23 vs. S23	S2-3 up	GO:0010218	Signaling and response	Signaling	response to far red light	P	AT4G16780
50196	7	F23 vs. S23	S2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT1G28330
50197	7	F23 vs. S23	S2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT2G23460
50198	7	F23 vs. S23	S2-3 up	GO:0009750	Signaling and response	Signaling	response to fructose	P	AT4G15920
50199	7	F23 vs. S23	S2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT3G47620
50200	7	F23 vs. S23	S2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G14920
50201	7	F23 vs. S23	S2-3 up	GO:0009739	Signaling and response	Signaling	response to gibberellin	P	AT5G15230
50202	7	F23 vs. S23	S2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT1G28330
50203	7	F23 vs. S23	S2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT2G23460
50204	7	F23 vs. S23	S2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT3G22550
50205	7	F23 vs. S23	S2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT4G15900
50206	7	F23 vs. S23	S2-3 up	GO:0009749	Signaling and response	Signaling	response to glucose	P	AT4G17670
50207	7	F23 vs. S23	S2-3 up	GO:0009725	Signaling and response	Signaling	response to hormone	P	AT2G24150
50208	7	F23 vs. S23	S2-3 up	GO:0010039	Signaling and response	Signaling	response to iron ion	P	AT3G56090
50209	7	F23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT1G28290
50210	7	F23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT3G27810
50211	7	F23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT4G02570
50212	7	F23 vs. S23	S2-3 up	GO:0009753	Signaling and response	Signaling	response to jasmonic acid	P	AT5G64900
50213	7	F23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G25275
50214	7	F23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT1G50900
50215	7	F23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT2G47930
50216	7	F23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT4G37470
50217	7	F23 vs. S23	S2-3 up	GO:0080167	Signaling and response	Signaling	response to karrikin	P	AT5G20250
50218	7	F23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT1G07090
50219	7	F23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT2G26640
50220	7	F23 vs. S23	S2-3 up	GO:0009416	Signaling and response	Signaling	response to light stimulus	P	AT5G20250
50221	7	F23 vs. S23	S2-3 up	GO:0010555	Signaling and response	Signaling	response to mannitol	P	AT2G23460
50222	7	F23 vs. S23	S2-3 up	GO:1905582	Signaling and response	Signaling	response to mannose	P	AT4G17670
50223	7	F23 vs. S23	S2-3 up	GO:0010038	Signaling and response	Signaling	response to metal ion	P	AT2G33740
50224	7	F23 vs. S23	S2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT3G60320
50225	7	F23 vs. S23	S2-3 up	GO:0010167	Signaling and response	Signaling	response to nitrate	P	AT5G50200
50226	7	F23 vs. S23	S2-3 up	GO:1901698	Signaling and response	Signaling	response to nitrogen compound	P	AT3G60320
50227	7	F23 vs. S23	S2-3 up	GO:0007584	Signaling and response	Signaling	response to nutrient	P	AT1G55510
50228	7	F23 vs. S23	S2-3 up	GO:0010114	Signaling and response	Signaling	response to red light	P	AT4G36930
50229	7	F23 vs. S23	S2-3 up	GO:0009639	Signaling and response	Signaling	response to red or far red light	P	AT4G25560
50230	7	F23 vs. S23	S2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT1G76680
50231	7	F23 vs. S23	S2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT4G25560
50232	7	F23 vs. S23	S2-3 up	GO:0009751	Signaling and response	Signaling	response to salicylic acid	P	AT5G11510
50233	7	F23 vs. S23	S2-3 up	GO:0010272	Signaling and response	Signaling	response to silver ion	P	AT1G43850
50234	7	F23 vs. S23	S2-3 up	GO:0010272	Signaling and response	Signaling	response to silver ion	P	AT4G32551
50235	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G28330
50236	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT1G69780
50237	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT2G23460
50238	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT2G24150
50239	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT3G22550
50240	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT4G17670
50241	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT4G34160
50242	7	F23 vs. S23	S2-3 up	GO:0009744	Signaling and response	Signaling	response to sucrose	P	AT5G20250
50243	7	F23 vs. S23	S2-3 up	GO:0009411	Signaling and response	Signaling	response to UV	P	AT5G18070
50244	7	F23 vs. S23	S2-3 up	GO:0010043	Signaling and response	Signaling	response to zinc ion	P	AT1G21750
50245	7	F23 vs. S23	S2-3 up	GO:0042147	Signaling and response	Signaling	retrograde transport, endosome to Golgi	P	AT1G48240
50246	7	F23 vs. S23	S2-3 up	GO:0006890	Signaling and response	Signaling	retrograde vesicle-mediated transport, Golgi to endoplasmic reticulum	P	AT4G39220

50247	7	F23 vs. S23	S2-3 up	GO:0007266	Signaling and response	Signaling	Rho protein signal transduction	P	AT4G35020
50248	7	F23 vs. S23	S2-3 up	GO:0048511	Signaling and response	Signaling	rhythmic process	P	AT3G11540
50249	7	F23 vs. S23	S2-3 up	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT1G18870
50250	7	F23 vs. S23	S2-3 up	GO:0009697	Signaling and response	Signaling	salicylic acid biosynthetic process	P	AT5G40770
50251	7	F23 vs. S23	S2-3 up	GO:0009863	Signaling and response	Signaling	salicylic acid mediated signaling pathway	P	AT1G44830
50252	7	F23 vs. S23	S2-3 up	GO:0009863	Signaling and response	Signaling	salicylic acid mediated signaling pathway	P	AT4G03550
50253	7	F23 vs. S23	S2-3 up	GO:0009641	Signaling and response	Signaling	shade avoidance	P	AT4G16780
50254	7	F23 vs. S23	S2-3 up	GO:0009641	Signaling and response	Signaling	shade avoidance	P	AT5G47370
50255	7	F23 vs. S23	S2-3 up	GO:0005787	Signaling and response	Signaling	signal peptidase complex	C	AT1G34640
50256	7	F23 vs. S23	S2-3 up	GO:0005787	Signaling and response	Signaling	signal peptidase complex	C	AT3G05230
50257	7	F23 vs. S23	S2-3 up	GO:0006465	Signaling and response	Signaling	signal peptide processing	P	AT1G34640
50258	7	F23 vs. S23	S2-3 up	GO:0006465	Signaling and response	Signaling	signal peptide processing	P	AT3G05230
50259	7	F23 vs. S23	S2-3 up	GO:0005047	Signaling and response	Signaling	signal recognition particle binding	F	AT5G05670
50260	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT2G01450
50261	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT2G18170
50262	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G20820
50263	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT3G21510
50264	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT4G34870
50265	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G06860
50266	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G12150
50267	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G14640
50268	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G23400
50269	7	F23 vs. S23	S2-3 up	GO:0007165	Signaling and response	Signaling	signal transduction	P	AT5G45210
50270	7	F23 vs. S23	S2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT1G63700
50271	7	F23 vs. S23	S2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT3G06030
50272	7	F23 vs. S23	S2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT3G07980
50273	7	F23 vs. S23	S2-3 up	GO:0023014	Signaling and response	Signaling	signal transduction by protein phosphorylation	P	AT5G56580
50274	7	F23 vs. S23	S2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G24150
50275	7	F23 vs. S23	S2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT2G40330
50276	7	F23 vs. S23	S2-3 up	GO:0038023	Signaling and response	Signaling	signaling receptor activity	F	AT5G05440
50277	7	F23 vs. S23	S2-3 up	GO:0005102	Signaling and response	Signaling	signaling receptor binding	F	AT1G71830
50278	7	F23 vs. S23	S2-3 up	GO:0005102	Signaling and response	Signaling	signaling receptor binding	F	AT2G26330
50279	7	F23 vs. S23	S2-3 up	GO:0005102	Signaling and response	Signaling	signaling receptor binding	F	AT4G33430
50280	7	F23 vs. S23	S2-3 up	GO:0005102	Signaling and response	Signaling	signaling receptor binding	F	AT5G13290
50281	7	F23 vs. S23	S2-3 up	GO:0005496	Signaling and response	Signaling	steroid binding	F	AT2G24940
50282	7	F23 vs. S23	S2-3 up	GO:0005496	Signaling and response	Signaling	steroid binding	F	AT5G52240
50283	7	F23 vs. S23	S2-3 up	GO:0008395	Signaling and response	Signaling	steroid hydroxylase activity	F	AT4G36380
50284	7	F23 vs. S23	S2-3 up	GO:0032934	Signaling and response	Signaling	sterol binding	F	AT3G44100
50285	7	F23 vs. S23	S2-3 up	GO:0016126	Signaling and response	Signaling	sterol biosynthetic process	P	AT5G50375
50286	7	F23 vs. S23	S2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT4G36380
50287	7	F23 vs. S23	S2-3 up	GO:0016125	Signaling and response	Signaling	sterol metabolic process	P	AT5G05690
50288	7	F23 vs. S23	S2-3 up	GO:0015918	Signaling and response	Signaling	sterol transport	P	AT3G44100
50289	7	F23 vs. S23	S2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT4G33950
50290	7	F23 vs. S23	S2-3 up	GO:0010118	Signaling and response	Signaling	stomatal movement	P	AT5G58140
50291	7	F23 vs. S23	S2-3 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT1G16610
50292	7	F23 vs. S23	S2-3 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT4G02060
50293	7	F23 vs. S23	S2-3 up	GO:0010182	Signaling and response	Signaling	sugar mediated signaling pathway	P	AT4G15900
50294	7	F23 vs. S23	S2-3 up	GO:0009652	Signaling and response	Signaling	thigmotropism	P	AT5G67270
50295	7	F23 vs. S23	S2-3 up	GO:0019199	Signaling and response	Signaling	transmembrane receptor protein kinase activity	F	AT2G26330
50296	7	F23 vs. S23	S2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT1G71830
50297	7	F23 vs. S23	S2-3 up	GO:0004714	Signaling and response	Signaling	transmembrane receptor protein tyrosine kinase activity	F	AT4G33430
50298	7	F23 vs. S23	S2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT1G18650
50299	7	F23 vs. S23	S2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT1G69295
50300	7	F23 vs. S23	S2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT5G08000

50301	7	F23 vs. S23	S2-3 up	GO:0001872	Signaling and response	Stress	(1->3)-beta-D-glucan binding	F	AT5G61130
50302	7	F23 vs. S23	S2-3 up	GO:0006075	Signaling and response	Stress	(1->3)-beta-D-glucan biosynthetic process	P	AT4G03550
50303	7	F23 vs. S23	S2-3 up	GO:0003843	Signaling and response	Stress	1,3-beta-D-glucan synthase activity	F	AT4G03550
50304	7	F23 vs. S23	S2-3 up	GO:0000148	Signaling and response	Stress	1,3-beta-D-glucan synthase complex	C	AT4G03550
50305	7	F23 vs. S23	S2-3 up	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT2G40330
50306	7	F23 vs. S23	S2-3 up	GO:0010427	Signaling and response	Stress	abscisic acid binding	F	AT5G05440
50307	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G51940
50308	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT1G62810
50309	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G17820
50310	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G40330
50311	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT2G43350
50312	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT3G55830
50313	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT4G33950
50314	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G05440
50315	7	F23 vs. S23	S2-3 up	GO:0009738	Signaling and response	Stress	abscisic acid-activated signaling pathway	P	AT5G47710
50316	7	F23 vs. S23	S2-3 up	GO:0061574	Signaling and response	Stress	ASAP complex	C	AT1G16610
50317	7	F23 vs. S23	S2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT4G36380
50318	7	F23 vs. S23	S2-3 up	GO:0010268	Signaling and response	Stress	brassinosteroid homeostasis	P	AT5G05690
50319	7	F23 vs. S23	S2-3 up	GO:0080120	Signaling and response	Stress	CAAX-box protein maturation	P	AT4G01320
50320	7	F23 vs. S23	S2-3 up	GO:0071586	Signaling and response	Stress	CAAX-box protein processing	P	AT4G01320
50321	7	F23 vs. S23	S2-3 up	GO:0005227	Signaling and response	Stress	calcium activated cation channel activity	F	AT4G22120
50322	7	F23 vs. S23	S2-3 up	GO:0005262	Signaling and response	Stress	calcium channel activity	F	AT1G27770
50323	7	F23 vs. S23	S2-3 up	GO:0005544	Signaling and response	Stress	calcium-dependent phospholipid binding	F	AT5G07300
50324	7	F23 vs. S23	S2-3 up	GO:0052543	Signaling and response	Stress	callose deposition in cell wall	P	AT5G61130
50325	7	F23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT1G21750
50326	7	F23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G08710
50327	7	F23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G50960
50328	7	F23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT3G53220
50329	7	F23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT4G33040
50330	7	F23 vs. S23	S2-3 up	GO:0045454	Signaling and response	Stress	cell redox homeostasis	P	AT5G15230
50331	7	F23 vs. S23	S2-3 up	GO:0006884	Signaling and response	Stress	cell volume homeostasis	P	AT5G62290
50332	7	F23 vs. S23	S2-3 up	GO:0070370	Signaling and response	Stress	cellular heat acclimation	P	AT2G26330
50333	7	F23 vs. S23	S2-3 up	GO:0071485	Signaling and response	Stress	cellular response to absence of light	P	AT4G33950
50334	7	F23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT1G43850
50335	7	F23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT1G79050
50336	7	F23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT2G30110
50337	7	F23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT3G02820
50338	7	F23 vs. S23	S2-3 up	GO:0006974	Signaling and response	Stress	cellular response to DNA damage stimulus	P	AT4G32551
50339	7	F23 vs. S23	S2-3 up	GO:0071369	Signaling and response	Stress	cellular response to ethylene stimulus	P	AT4G32330
50340	7	F23 vs. S23	S2-3 up	GO:0071217	Signaling and response	Stress	cellular response to external biotic stimulus	P	AT1G43850
50341	7	F23 vs. S23	S2-3 up	GO:0071217	Signaling and response	Stress	cellular response to external biotic stimulus	P	AT4G32551
50342	7	F23 vs. S23	S2-3 up	GO:0070301	Signaling and response	Stress	cellular response to hydrogen peroxide	P	AT1G34190
50343	7	F23 vs. S23	S2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT2G45170
50344	7	F23 vs. S23	S2-3 up	GO:0006995	Signaling and response	Stress	cellular response to nitrogen starvation	P	AT4G15920
50345	7	F23 vs. S23	S2-3 up	GO:0034599	Signaling and response	Stress	cellular response to oxidative stress	P	AT3G06110
50346	7	F23 vs. S23	S2-3 up	GO:0071472	Signaling and response	Stress	cellular response to salt stress	P	AT2G03680
50347	7	F23 vs. S23	S2-3 up	GO:0009267	Signaling and response	Stress	cellular response to starvation	P	AT2G45170
50348	7	F23 vs. S23	S2-3 up	GO:0009970	Signaling and response	Stress	cellular response to sulfate starvation	P	AT4G14680
50349	7	F23 vs. S23	S2-3 up	GO:0034620	Signaling and response	Stress	cellular response to unfolded protein	P	AT4G14730
50350	7	F23 vs. S23	S2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT2G15970
50351	7	F23 vs. S23	S2-3 up	GO:0042631	Signaling and response	Stress	cellular response to water deprivation	P	AT2G43350
50352	7	F23 vs. S23	S2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT1G14980
50353	7	F23 vs. S23	S2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT2G44650
50354	7	F23 vs. S23	S2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT3G60210
50355	7	F23 vs. S23	S2-3 up	GO:0051085	Signaling and response	Stress	chaperone cofactor-dependent protein refolding	P	AT5G01390
50356	7	F23 vs. S23	S2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G19120

50357	7	F23 vs. S23	S2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT1G20450
50358	7	F23 vs. S23	S2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT2G15970
50359	7	F23 vs. S23	S2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT3G50970
50360	7	F23 vs. S23	S2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT4G15910
50361	7	F23 vs. S23	S2-3 up	GO:0009631	Signaling and response	Stress	cold acclimation	P	AT4G38680
50362	7	F23 vs. S23	S2-3 up	GO:0055070	Signaling and response	Stress	copper ion homeostasis	P	AT1G66590
50363	7	F23 vs. S23	S2-3 up	GO:0010494	Signaling and response	Stress	cytoplasmic stress granule	C	AT3G14010
50364	7	F23 vs. S23	S2-3 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT1G79650
50365	7	F23 vs. S23	S2-3 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT3G05210
50366	7	F23 vs. S23	S2-3 up	GO:0003684	Signaling and response	Stress	damaged DNA binding	F	AT5G16630
50367	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G18250
50368	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G18870
50369	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G20650
50370	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G51940
50371	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G52030
50372	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G71260
50373	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G73620
50374	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT1G75500
50375	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G01630
50376	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02100
50377	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G02130
50378	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT2G18170
50379	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G25180
50380	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT3G26810
50381	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G03550
50382	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT4G33430
50383	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G01020
50384	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G07300
50385	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G13290
50386	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G42100
50387	7	F23 vs. S23	S2-3 up	GO:0006952	Signaling and response	Stress	defense response	P	AT5G56590
50388	7	F23 vs. S23	S2-3 up	GO:0052542	Signaling and response	Stress	defense response by callose deposition	P	AT4G03550
50389	7	F23 vs. S23	S2-3 up	GO:0052544	Signaling and response	Stress	defense response by callose deposition in cell wall	P	AT4G03550
50390	7	F23 vs. S23	S2-3 up	GO:0009870	Signaling and response	Stress	defense response signaling pathway, resistance gene-dependent	P	AT4G03550
50391	7	F23 vs. S23	S2-3 up	GO:0009870	Signaling and response	Stress	defense response signaling pathway, resistance gene-dependent	P	AT4G15900
50392	7	F23 vs. S23	S2-3 up	GO:0010204	Signaling and response	Stress	defense response signaling pathway, resistance gene-independent	P	AT2G17660
50393	7	F23 vs. S23	S2-3 up	GO:0010204	Signaling and response	Stress	defense response signaling pathway, resistance gene-independent	P	AT4G15900
50394	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT1G08060
50395	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT2G26330
50396	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT3G30775
50397	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G03550
50398	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G15900
50399	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G33430
50400	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT4G33950
50401	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G13290
50402	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G15090
50403	7	F23 vs. S23	S2-3 up	GO:0042742	Signaling and response	Stress	defense response to bacterium	P	AT5G40770
50404	7	F23 vs. S23	S2-3 up	GO:0009816	Signaling and response	Stress	defense response to bacterium, incompatible interaction	P	AT2G27040
50405	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G27950
50406	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G51940
50407	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT1G52410

50408	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02100
50409	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G02130
50410	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G26330
50411	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT2G40030
50412	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G50970
50413	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT3G60190
50414	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G03550
50415	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G15900
50416	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G30650
50417	7	F23 vs. S23	S2-3 up	GO:0050832	Signaling and response	Stress	defense response to fungus	P	AT4G33430
50418	7	F23 vs. S23	S2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G60820
50419	7	F23 vs. S23	S2-3 up	GO:0009817	Signaling and response	Stress	defense response to fungus, incompatible interaction	P	AT3G63420
50420	7	F23 vs. S23	S2-3 up	GO:0050829	Signaling and response	Stress	defense response to Gram-negative bacterium	P	AT3G50950
50421	7	F23 vs. S23	S2-3 up	GO:0002213	Signaling and response	Stress	defense response to insect	P	AT5G14180
50422	7	F23 vs. S23	S2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT4G33430
50423	7	F23 vs. S23	S2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G13290
50424	7	F23 vs. S23	S2-3 up	GO:0002229	Signaling and response	Stress	defense response to oomycetes	P	AT5G56580
50425	7	F23 vs. S23	S2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT2G27040
50426	7	F23 vs. S23	S2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT2G32940
50427	7	F23 vs. S23	S2-3 up	GO:0051607	Signaling and response	Stress	defense response to virus	P	AT5G43810
50428	7	F23 vs. S23	S2-3 up	GO:0009814	Signaling and response	Stress	defense response, incompatible interaction	P	AT2G27880
50429	7	F23 vs. S23	S2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT3G10500
50430	7	F23 vs. S23	S2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT5G25620
50431	7	F23 vs. S23	S2-3 up	GO:0009819	Signaling and response	Stress	drought recovery	P	AT5G27930
50432	7	F23 vs. S23	S2-3 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	AT1G11750
50433	7	F23 vs. S23	S2-3 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	AT1G49970
50434	7	F23 vs. S23	S2-3 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	AT5G23140
50435	7	F23 vs. S23	S2-3 up	GO:0009368	Signaling and response	Stress	endopeptidase Clp complex	C	ATCG00670
50436	7	F23 vs. S23	S2-3 up	GO:0030968	Signaling and response	Stress	endoplasmic reticulum unfolded protein response	P	AT5G61790
50437	7	F23 vs. S23	S2-3 up	GO:0051740	Signaling and response	Stress	ethylene binding	F	AT3G23150
50438	7	F23 vs. S23	S2-3 up	GO:0038199	Signaling and response	Stress	ethylene receptor activity	F	AT3G23150
50439	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT1G44830
50440	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT2G41710
50441	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT3G23150
50442	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT4G02570
50443	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G10510
50444	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G42190
50445	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G57390
50446	7	F23 vs. S23	S2-3 up	GO:0009873	Signaling and response	Stress	ethylene-activated signaling pathway	P	AT5G61590
50447	7	F23 vs. S23	S2-3 up	GO:0052096	Signaling and response	Stress	formation by symbiont of syncytium involving giant cell for nutrient acquisition from host	P	AT5G51600
50448	7	F23 vs. S23	S2-3 up	GO:0042973	Signaling and response	Stress	glucan endo-1,3-beta-D-glucosidase activity	F	AT2G01630
50449	7	F23 vs. S23	S2-3 up	GO:0042973	Signaling and response	Stress	glucan endo-1,3-beta-D-glucosidase activity	F	AT5G42100
50450	7	F23 vs. S23	S2-3 up	GO:0042973	Signaling and response	Stress	glucan endo-1,3-beta-D-glucosidase activity	F	AT5G56590
50451	7	F23 vs. S23	S2-3 up	GO:0004602	Signaling and response	Stress	glutathione peroxidase activity	F	AT2G43350
50452	7	F23 vs. S23	S2-3 up	GO:0010235	Signaling and response	Stress	guard mother cell cytokinesis	P	AT3G22780
50453	7	F23 vs. S23	S2-3 up	GO:0010286	Signaling and response	Stress	heat acclimation	P	AT4G26840
50454	7	F23 vs. S23	S2-3 up	GO:0051879	Signaling and response	Stress	Hsp90 protein binding	F	AT1G04130
50455	7	F23 vs. S23	S2-3 up	GO:0051879	Signaling and response	Stress	Hsp90 protein binding	F	AT5G58110
50456	7	F23 vs. S23	S2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G44970
50457	7	F23 vs. S23	S2-3 up	GO:0042744	Signaling and response	Stress	hydrogen peroxide catabolic process	P	AT1G71695
50458	7	F23 vs. S23	S2-3 up	GO:0080170	Signaling and response	Stress	hydrogen peroxide transmembrane transport	P	AT2G36830
50459	7	F23 vs. S23	S2-3 up	GO:0004416	Signaling and response	Stress	hydroxyacylglutathione hydrolase activity	F	AT3G10850
50460	7	F23 vs. S23	S2-3 up	GO:0006972	Signaling and response	Stress	hyperosmotic response	P	AT5G14640

50461	7	F23 vs. S23	S2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G16920
50462	7	F23 vs. S23	S2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G19120
50463	7	F23 vs. S23	S2-3 up	GO:0042538	Signaling and response	Stress	hyperosmotic salinity response	P	AT1G69700
50464	7	F23 vs. S23	S2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT1G51940
50465	7	F23 vs. S23	S2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT1G55250
50466	7	F23 vs. S23	S2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT4G15900
50467	7	F23 vs. S23	S2-3 up	GO:0045087	Signaling and response	Stress	innate immune response	P	AT5G64900
50468	7	F23 vs. S23	S2-3 up	GO:0050113	Signaling and response	Stress	inositol oxygenase activity	F	AT2G19800
50469	7	F23 vs. S23	S2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT1G66590
50470	7	F23 vs. S23	S2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT3G56090
50471	7	F23 vs. S23	S2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT4G12420
50472	7	F23 vs. S23	S2-3 up	GO:0055072	Signaling and response	Stress	iron ion homeostasis	P	AT4G22010
50473	7	F23 vs. S23	S2-3 up	GO:0009861	Signaling and response	Stress	jasmonic acid and ethylene-dependent systemic resistance	P	AT1G44830
50474	7	F23 vs. S23	S2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02100
50475	7	F23 vs. S23	S2-3 up	GO:0031640	Signaling and response	Stress	killing of cells of other organism	P	AT2G02130
50476	7	F23 vs. S23	S2-3 up	GO:0019853	Signaling and response	Stress	L-ascorbic acid biosynthetic process	P	AT2G19800
50477	7	F23 vs. S23	S2-3 up	GO:0019243	Signaling and response	Stress	methylglyoxal catabolic process to D-lactate via S-lactoyl-glutathione	P	AT3G10850
50478	7	F23 vs. S23	S2-3 up	GO:0031990	Signaling and response	Stress	mRNA export from nucleus in response to heat stress	P	AT5G09920
50479	7	F23 vs. S23	S2-3 up	GO:0009788	Signaling and response	Stress	negative regulation of abscisic acid-activated signaling pathway	P	AT5G41560
50480	7	F23 vs. S23	S2-3 up	GO:0060548	Signaling and response	Stress	negative regulation of cell death	P	AT5G07300
50481	7	F23 vs. S23	S2-3 up	GO:1901181	Signaling and response	Stress	negative regulation of cellular response to caffeine	P	AT5G11510
50482	7	F23 vs. S23	S2-3 up	GO:0031936	Signaling and response	Stress	negative regulation of chromatin silencing	P	AT2G30620
50483	7	F23 vs. S23	S2-3 up	GO:0031348	Signaling and response	Stress	negative regulation of defense response	P	AT1G51940
50484	7	F23 vs. S23	S2-3 up	GO:0010105	Signaling and response	Stress	negative regulation of ethylene-activated signaling pathway	P	AT3G23150
50485	7	F23 vs. S23	S2-3 up	GO:0010730	Signaling and response	Stress	negative regulation of hydrogen peroxide biosynthetic process	P	AT1G54410
50486	7	F23 vs. S23	S2-3 up	GO:0034051	Signaling and response	Stress	negative regulation of plant-type hypersensitive response	P	AT3G06110
50487	7	F23 vs. S23	S2-3 up	GO:0010187	Signaling and response	Stress	negative regulation of seed germination	P	AT4G36930
50488	7	F23 vs. S23	S2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT3G01790
50489	7	F23 vs. S23	S2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G35430
50490	7	F23 vs. S23	S2-3 up	GO:0017148	Signaling and response	Stress	negative regulation of translation	P	AT5G48760
50491	7	F23 vs. S23	S2-3 up	GO:0006809	Signaling and response	Stress	nitric oxide biosynthetic process	P	AT1G62810
50492	7	F23 vs. S23	S2-3 up	GO:0009626	Signaling and response	Stress	plant-type hypersensitive response	P	AT5G15090
50493	7	F23 vs. S23	S2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT1G51940
50494	7	F23 vs. S23	S2-3 up	GO:0009789	Signaling and response	Stress	positive regulation of abscisic acid-activated signaling pathway	P	AT4G33950
50495	7	F23 vs. S23	S2-3 up	GO:1900057	Signaling and response	Stress	positive regulation of leaf senescence	P	AT3G12130
50496	7	F23 vs. S23	S2-3 up	GO:0043068	Signaling and response	Stress	positive regulation of programmed cell death	P	AT1G47870
50497	7	F23 vs. S23	S2-3 up	GO:1901672	Signaling and response	Stress	positive regulation of systemic acquired resistance	P	AT4G22470
50498	7	F23 vs. S23	S2-3 up	GO:0002020	Signaling and response	Stress	protease binding	F	AT1G22530
50499	7	F23 vs. S23	S2-3 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	AT1G11750
50500	7	F23 vs. S23	S2-3 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	AT1G49970
50501	7	F23 vs. S23	S2-3 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	AT5G23140
50502	7	F23 vs. S23	S2-3 up	GO:0006515	Signaling and response	Stress	protein quality control for misfolded or incompletely synthesized proteins	P	ATCG00670
50503	7	F23 vs. S23	S2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT2G38730

50504	7	F23 vs. S23	S2-3 up	GO:0042026	Signaling and response	Stress	protein refolding	P	AT4G34870
50505	7	F23 vs. S23	S2-3 up	GO:0030091	Signaling and response	Stress	protein repair	P	AT4G04840
50506	7	F23 vs. S23	S2-3 up	GO:0006621	Signaling and response	Stress	protein retention in ER lumen	P	AT4G39220
50507	7	F23 vs. S23	S2-3 up	GO:0006898	Signaling and response	Stress	receptor-mediated endocytosis	P	AT1G75310
50508	7	F23 vs. S23	S2-3 up	GO:0010115	Signaling and response	Stress	regulation of abscisic acid biosynthetic process	P	AT1G13930
50509	7	F23 vs. S23	S2-3 up	GO:0009787	Signaling and response	Stress	regulation of abscisic acid-activated signaling pathway	P	AT1G15380
50510	7	F23 vs. S23	S2-3 up	GO:0031347	Signaling and response	Stress	regulation of defense response	P	AT3G47620
50511	7	F23 vs. S23	S2-3 up	GO:0045088	Signaling and response	Stress	regulation of innate immune response	P	AT1G44830
50512	7	F23 vs. S23	S2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT3G10500
50513	7	F23 vs. S23	S2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT3G11540
50514	7	F23 vs. S23	S2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT4G33950
50515	7	F23 vs. S23	S2-3 up	GO:2000377	Signaling and response	Stress	regulation of reactive oxygen species metabolic process	P	AT5G14920
50516	7	F23 vs. S23	S2-3 up	GO:1901000	Signaling and response	Stress	regulation of response to salt stress	P	AT4G14300
50517	7	F23 vs. S23	S2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT4G05590
50518	7	F23 vs. S23	S2-3 up	GO:2000070	Signaling and response	Stress	regulation of response to water deprivation	P	AT4G14300
50519	7	F23 vs. S23	S2-3 up	GO:0090333	Signaling and response	Stress	regulation of stomatal closure	P	AT4G33950
50520	7	F23 vs. S23	S2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT1G05805
50521	7	F23 vs. S23	S2-3 up	GO:0010119	Signaling and response	Stress	regulation of stomatal movement	P	AT4G33950
50522	7	F23 vs. S23	S2-3 up	GO:1902456	Signaling and response	Stress	regulation of stomatal opening	P	AT4G33950
50523	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G20450
50524	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G51940
50525	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT1G69700
50526	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G13540
50527	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G15970
50528	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G22570
50529	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G23460
50530	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G26110
50531	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT2G45640
50532	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G02880
50533	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G47620
50534	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G50970
50535	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G54770
50536	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT3G55830
50537	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G15910
50538	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G33950
50539	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT4G38680
50540	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G14920
50541	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G48310
50542	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G57330
50543	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G59310
50544	7	F23 vs. S23	S2-3 up	GO:0009737	Signaling and response	Stress	response to abscisic acid	P	AT5G62000
50545	7	F23 vs. S23	S2-3 up	GO:0009646	Signaling and response	Stress	response to absence of light	P	AT4G15920
50546	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT1G20450
50547	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G26640
50548	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G37190
50549	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT2G39460
50550	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G23830
50551	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G49910
50552	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G50970
50553	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT3G55280
50554	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G15910

50555	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G34150
50556	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G36930
50557	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT4G38680
50558	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G15090
50559	7	F23 vs. S23	S2-3 up	GO:0009409	Signaling and response	Stress	response to cold	P	AT5G20250
50560	7	F23 vs. S23	S2-3 up	GO:0046898	Signaling and response	Stress	response to cycloheximide	P	AT1G43850
50561	7	F23 vs. S23	S2-3 up	GO:0046898	Signaling and response	Stress	response to cycloheximide	P	AT4G32551
50562	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G02730
50563	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G70710
50564	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G73590
50565	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT1G76540
50566	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT3G62110
50567	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT4G34160
50568	7	F23 vs. S23	S2-3 up	GO:0010583	Signaling and response	Stress	response to cyclopentenone	P	AT5G65670
50569	7	F23 vs. S23	S2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT3G44380
50570	7	F23 vs. S23	S2-3 up	GO:0009269	Signaling and response	Stress	response to desiccation	P	AT4G38680
50571	7	F23 vs. S23	S2-3 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT1G21750
50572	7	F23 vs. S23	S2-3 up	GO:0034976	Signaling and response	Stress	response to endoplasmic reticulum stress	P	AT3G46220
50573	7	F23 vs. S23	S2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G40770
50574	7	F23 vs. S23	S2-3 up	GO:0009723	Signaling and response	Stress	response to ethylene	P	AT5G64900
50575	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT1G43850
50576	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT1G53320
50577	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G02260
50578	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G18740
50579	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT3G24550
50580	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT4G03550
50581	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT4G32551
50582	7	F23 vs. S23	S2-3 up	GO:0009620	Signaling and response	Stress	response to fungus	P	AT5G11510
50583	7	F23 vs. S23	S2-3 up	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT3G05210
50584	7	F23 vs. S23	S2-3 up	GO:0010332	Signaling and response	Stress	response to gamma radiation	P	AT4G37490
50585	7	F23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G07400
50586	7	F23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G13930
50587	7	F23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT1G14980
50588	7	F23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT4G26840
50589	7	F23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G08000
50590	7	F23 vs. S23	S2-3 up	GO:0009408	Signaling and response	Stress	response to heat	P	AT5G55160
50591	7	F23 vs. S23	S2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT2G39460
50592	7	F23 vs. S23	S2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT2G41430
50593	7	F23 vs. S23	S2-3 up	GO:0009644	Signaling and response	Stress	response to high light intensity	P	AT3G55280
50594	7	F23 vs. S23	S2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT2G18170
50595	7	F23 vs. S23	S2-3 up	GO:0042542	Signaling and response	Stress	response to hydrogen peroxide	P	AT2G43350
50596	7	F23 vs. S23	S2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT1G43850
50597	7	F23 vs. S23	S2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT4G32551
50598	7	F23 vs. S23	S2-3 up	GO:0001666	Signaling and response	Stress	response to hypoxia	P	AT5G49190
50599	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G02800
50600	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G25275
50601	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT1G43850
50602	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G22840
50603	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT2G36400
50604	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G24780
50605	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT4G32551
50606	7	F23 vs. S23	S2-3 up	GO:0009624	Signaling and response	Stress	response to nematode	P	AT5G51600
50607	7	F23 vs. S23	S2-3 up	GO:0071731	Signaling and response	Stress	response to nitric oxide	P	AT5G40770
50608	7	F23 vs. S23	S2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT1G02730
50609	7	F23 vs. S23	S2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT2G17820
50610	7	F23 vs. S23	S2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G19420

50611	7	F23 vs. S23	S2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT3G23830
50612	7	F23 vs. S23	S2-3 up	GO:0006970	Signaling and response	Stress	response to osmotic stress	P	AT4G33950
50613	7	F23 vs. S23	S2-3 up	GO:0051707	Signaling and response	Stress	response to other organism	P	AT2G30110
50614	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G07400
50615	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G43850
50616	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G44970
50617	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G50170
50618	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT1G71695
50619	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G01140
50620	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G24150
50621	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT2G39460
50622	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G06110
50623	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G30775
50624	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT3G55280
50625	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G04840
50626	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT4G32551
50627	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G19875
50628	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G20250
50629	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	AT5G25620
50630	7	F23 vs. S23	S2-3 up	GO:0006979	Signaling and response	Stress	response to oxidative stress	P	ATMG01190
50631	7	F23 vs. S23	S2-3 up	GO:0010193	Signaling and response	Stress	response to ozone	P	AT3G06110
50632	7	F23 vs. S23	S2-3 up	GO:0009623	Signaling and response	Stress	response to parasitic fungus	P	AT5G11510
50633	7	F23 vs. S23	S2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT1G07400
50634	7	F23 vs. S23	S2-3 up	GO:0000302	Signaling and response	Stress	response to reactive oxygen species	P	AT3G56090
50635	7	F23 vs. S23	S2-3 up	GO:1902074	Signaling and response	Stress	response to salt	P	AT4G32551
50636	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G01620
50637	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G02730
50638	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G07400
50639	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G13930
50640	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT1G51460
50641	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G36830
50642	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G45640
50643	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT2G47580
50644	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G19420
50645	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G23490
50646	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G23830
50647	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G54770
50648	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT3G56880
50649	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G26630
50650	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT4G33950
50651	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G14640
50652	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G14920
50653	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G40770
50654	7	F23 vs. S23	S2-3 up	GO:0009651	Signaling and response	Stress	response to salt stress	P	AT5G59310
50655	7	F23 vs. S23	S2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT2G44670
50656	7	F23 vs. S23	S2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT3G22550
50657	7	F23 vs. S23	S2-3 up	GO:0042594	Signaling and response	Stress	response to starvation	P	AT4G17670
50658	7	F23 vs. S23	S2-3 up	GO:0009610	Signaling and response	Stress	response to symbiotic fungus	P	AT5G16590
50659	7	F23 vs. S23	S2-3 up	GO:0009636	Signaling and response	Stress	response to toxic substance	P	AT3G20390
50660	7	F23 vs. S23	S2-3 up	GO:0010353	Signaling and response	Stress	response to trehalose	P	AT5G16150
50661	7	F23 vs. S23	S2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT3G05210
50662	7	F23 vs. S23	S2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G05690
50663	7	F23 vs. S23	S2-3 up	GO:0010224	Signaling and response	Stress	response to UV-B	P	AT5G09740
50664	7	F23 vs. S23	S2-3 up	GO:0009615	Signaling and response	Stress	response to virus	P	AT2G27880
50665	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G01620
50666	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G02730

50667	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G19120
50668	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G20450
50669	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G60200
50670	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G68820
50671	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT1G69700
50672	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G17820
50673	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G25180
50674	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G28740
50675	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT2G41430
50676	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G23830
50677	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G30775
50678	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G50970
50679	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G54770
50680	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT3G56880
50681	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G15910
50682	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G32551
50683	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G33950
50684	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT4G38680
50685	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G59310
50686	7	F23 vs. S23	S2-3 up	GO:0009414	Signaling and response	Stress	response to water deprivation	P	AT5G61590
50687	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G19640
50688	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G52030
50689	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT1G76680
50690	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT3G24550
50691	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G24350
50692	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT4G32551
50693	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G50200
50694	7	F23 vs. S23	S2-3 up	GO:0009611	Signaling and response	Stress	response to wounding	P	AT5G64900
50695	7	F23 vs. S23	S2-3 up	GO:0005089	Signaling and response	Stress	Rho guanyl-nucleotide exchange factor activity	F	AT3G55660
50696	7	F23 vs. S23	S2-3 up	GO:0005089	Signaling and response	Stress	Rho guanyl-nucleotide exchange factor activity	F	AT5G05940
50697	7	F23 vs. S23	S2-3 up	GO:0009303	Signaling and response	Stress	rRNA transcription	P	AT1G17690
50698	7	F23 vs. S23	S2-3 up	GO:0034063	Signaling and response	Stress	stress granule assembly	P	AT3G14010
50699	7	F23 vs. S23	S2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT3G05180
50700	7	F23 vs. S23	S2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT5G48485
50701	7	F23 vs. S23	S2-3 up	GO:0009627	Signaling and response	Stress	systemic acquired resistance	P	AT5G48490
50702	7	F23 vs. S23	S2-3 up	GO:0009862	Signaling and response	Stress	systemic acquired resistance, salicylic acid mediated signaling pathway	P	AT5G48485
50703	7	F23 vs. S23	S2-3 up	GO:0004843	Signaling and response	Stress	thiol-dependent ubiquitin-specific protease activity	F	AT3G02070
50704	7	F23 vs. S23	S2-3 up	GO:0004843	Signaling and response	Stress	thiol-dependent ubiquitin-specific protease activity	F	AT3G11910
50705	7	F23 vs. S23	S2-3 up	GO:0004843	Signaling and response	Stress	thiol-dependent ubiquitin-specific protease activity	F	AT4G39910
50706	7	F23 vs. S23	S2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G20650
50707	7	F23 vs. S23	S2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT1G71830
50708	7	F23 vs. S23	S2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT3G24550
50709	7	F23 vs. S23	S2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT4G33430
50710	7	F23 vs. S23	S2-3 up	GO:0004675	Signaling and response	Stress	transmembrane receptor protein serine/threonine kinase activity	F	AT5G13290
50711	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT1G07400
50712	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT1G14980
50713	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G38730
50714	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT2G44650
50715	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT3G60210
50716	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT4G34870

50717	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G01390
50718	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G23290
50719	7	F23 vs. S23	S2-3 up	GO:0051082	Signaling and response	Stress	unfolded protein binding	F	AT5G61790
50720	7	F23 vs. S23	S2-3 up	GO:0070914	Signaling and response	Stress	UV-damage excision repair	P	AT3G05210
50721	7	F23 vs. S23	S2-3 up	GO:0016032	Signaling and response	Stress	viral process	P	AT3G60600
50722	7	F23 vs. S23	S2-3 up	GO:0016032	Signaling and response	Stress	viral process	P	AT5G42190