

Table S4. Molecular fingerprints of the 90 accessions (SSR and SNP/CAPS markers)

ACCESSIONS	MT317577.1	MT317527.1	MT317610.1	MT317537.1	MT317823.1	Diplo.TSNP.045	Diplo.TSNP.062	Diplo.TSNP.090	Diplo.TSNP.138	Diplo.TSNP.213	Diplo.TSNP.220	Diplo.TSNP.270	Diplo.TSNP.290	Diplo.TSNP.448	ACCESSIONS	MT317577.1	MT317527.1	MT317610.1	MT317537.1	MT317823.1	Diplo.TSNP.045	Diplo.TSNP.062	Diplo.TSNP.090	Diplo.TSNP.138	Diplo.TSNP.213	Diplo.TSNP.220	Diplo.TSNP.270	Diplo.TSNP.290	Diplo.TSNP.448
1	248:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N	58	242:246	179:181	157:157	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	Y/N	Y/N	N/N
3	242:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	Y/Y	N/N	59	242:252	173:181	157:157	163:171	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
4	242:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	N/N	Y/N	N/N	60	242:242	167:173	157:175	163:171	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	N/N
5	242:252	173:181	157:157	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	N/N	Y/N	N/N	61	242:246	173:181	157:157	163:171	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	N/N	N/N
6	242:242	173:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/N	Y/Y	Y/Y	N/N	N/N	N/N	63	242:252	173:181	157:157	163:173	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
7	242:242	173:181	157:157	163:175	182:184	Y/N	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	N/N	Y/N	N/N	64	242:242	161:173	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
8	244:248	173:179	157:157	163:171	182:184	Y/N	Y/Y	Y/N	Y/N	Y/Y	Y/Y	N/N	N/N	N/N	65	242:242	167:181	157:175	163:171	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
9	242:242	179:181	157:157	163:171	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	68	X	170:170	157:157	168:300	X	Y/Y	X	X	X	X	X	X	X	X
10	248:248	173:181	157:157	163:171	186:188	Y/Y	Y/Y	Y/N	N/N	Y/Y	Y/Y	N/N	Y/N	N/N	69	238:248	171:173	157:157	163:171	184:188	Y/Y	Y/Y	Y/N	Y/N	Y/N	Y/N	N/N	Y/N	N/N
12	242:252	173:179	157:157	163:171	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N	72	246:248	173:173	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/N	Y/N	Y/Y	N/N	Y/N	N/N
15	248:248	179:181	157:157	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	N/N	N/N	73	250:252	161:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/N	Y/N	N/N
16	248:248	173:181	157:157	163:175	156:188	Y/Y	Y/Y	Y/N	N/N	Y/Y	Y/N	N/N	Y/N	Y/N	74	242:242	173:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	N/N	N/N	N/N
17	244:244	173:181	157:157	163:171	156:184	Y/Y	Y/Y	Y/N	Y/N	Y/Y	Y/N	N/N	Y/N	N/N	81	242:246	173:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
18	248:248	173:173	157:157	163:175	156:156	Y/Y	Y/Y	Y/Y	N/N	Y/Y	Y/N	N/N	Y/N	Y/N	84	242:244	161:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	N/N
19	248:248	173:181	157:157	163:171	156:188	Y/Y	Y/Y	Y/N	Y/N	Y/Y	Y/Y	N/N	Y/N	N/N	91	X	173:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/Y	N/N	Y/Y	N/N
20	242:248	177:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	N/N	Y/N	92	X	161:173	157:157	163:173	186:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
21	238:242	161:167	157:157	163:171	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	N/N	Y/N	97	X	177:179	157:157	163:173	156:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	N/N
22	238:238	161:167	157:157	163:171	184:188	Y/N	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	Y/N	98	242:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N
23	238:238	171:173	157:157	163:175	186:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/N	Y/N	99	248:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/N	Y/N	N/N
24	244:244	173:181	157:157	163:171	156:184	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	Y/N	N/N	Y/N	N/N	100	248:248	173:181	157:175	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	N/N	N/N	N/N
26	242:242	179:181	157:157	163:175	211:213	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N	Y/N	N/N	101	248:248	177:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N	N/N	N/N
27	242:248	173:181	157:157	163:171	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N	102	242:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	Y/N	N/N
29	X	173:170	135:157	167:171	X	Y/Y	X	X	X	X	X	X	X	X	103	242:242	173:181	157:171	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	Y/N	N/N
32	242:248	177:181	157:157	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	N/N	104	242:242	173:177	157:157	163:171	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	Y/N	N/N
35	242:242	179:179	157:157	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	N/N	N/N	105	X	162:170	135:157	172:300	X	Y/Y	X	X	X	X	X	X	X	X
36	248:248	167:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	134	X	173:179	157:157	163:171	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/Y	N/N
37	242:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	Y/N	N/N	146	X	173:179	157:157	163:177	211:213	Y/Y	Y/Y	Y/N	Y/Y	Y/N	Y/Y	N/N	N/N	N/N
38	238:238	171:173	157:157	163:171	186:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	Y/N	Y/N	152	238:248	173:181	157:173	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
39	238:242	167:167	157:157	163:171	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	N/N	N/N	154	240:242	161:173	157:157	163:171	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	Y/N	N/N
40	244:244	173:179	157:157	163:171	182:184	Y/Y	Y/Y	Y/N	Y/N	Y/Y	Y/Y	N/N	Y/N	N/N	155	248:248	179:181	157:173	163:171	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	N/N	Y/N
41	238:242	173:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	156	242:242	177:179	157:171	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N	Y/N	N/N
42	246:248	173:181	157:157	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	157	242:242	173:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	N/N
43	242:246	173:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N	158	238:238	171:173	157:157	163:171	186:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	N/N	Y/N
44	240:248	173:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	159	242:242	171:179	157:157	163:171	186:186	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	N/N	N/N
45	246:248	173:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/N	N/N	N/N	N/N	160	248:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	N/N
46	242:248	173:179	157:157	163:175	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N	161	248:248	179:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	Y/N	N/N
47	242:246	161:181	157:157	163:171	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N	162	242:248	177:181	157:157	163:175	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	N/N	Y/N	N/N
48	242:242	179:181	157:157	163:175	184:188	Y/Y	Y/Y	Y/N	Y/N	Y/N	Y/N	N/N	N/N	N/N	163	242:242	179:181	157:157	163:171	182:184	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	N/N	N/N
49	242:246	173:179	157:175	163:175	184:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	N/N	N/N	N/N	164	238:238	167:167	157:157	163:171	186:188	Y/Y	Y/Y	Y/Y	Y/Y	Y/N	Y/Y	N/N	N/N	N/N
51	242:252	179:181	157:173	163:177	182:184	Y/Y	Y/Y	Y/N	Y/Y	Y/Y	Y/N	N/N	Y/N	N/N	165	248:248	173:173	157:157	163:175	156:188	Y/Y	Y/Y	Y/N	N/N	Y/Y	Y/Y	N/N	N/N	