

					Total Spectrum Count											
#	Identified Proteins (833)	Accession Number	Alternate ID	Molecular Weight	beta-Thalassemia Heterozygotes						Control					
					Day 7	Day 14	Day 21	Day 28	Day 35	Day 42	Day 7	Day 14	Day 21	Day 28	Day 35	Day 42
1	Spectrin alpha chain, erythrocytic 1 OS=Homo sapiens OX=9606 GN=SPTA1 PE=1 SV=5	SPTA1_HUMAN	SPTA1	280 kDa	3785	3377	3620	3731	3625	3245	3102	3293	3387	3424	3157	3446
2	Spectrin beta chain, erythrocytic OS=Homo sapiens OX=9606 GN=SPTB PE=1 SV=5	SPTB1_HUMAN	SPTB	246 kDa	3600	3165	3312	3457	3307	3147	2780	2932	3104	3138	2957	3244
3	Ankyrin-1 OS=Homo sapiens OX=9606 GN=ANK1 PE=1 SV=3	ANK1_HUMAN	ANK1	206 kDa	2719	2527	2587	2682	2613	2416	2270	2351	2465	2481	2348	2540
4	Band 3 anion transport protein OS=Homo sapiens OX=9606 GN=SLCA1 PE=1 SV=3	B3AT_HUMAN	SLCA1	102 kDa	1167	1047	1112	1158	1119	1072	1013	1016	1075	1071	1034	1076
5	Glyceraldehyde-3-phosphate dehydrogenase OS=Homo sapiens OX=9606 GN=GAPDH PE=1 SV=3	G3P_HUMAN	GAPDH	36 kDa	1139	1104	1120	1169	1124	1048	945	996	992	1022	973	1050
6	Protein L1 OS=Homo sapiens OX=9606 GN=EPB41 PE=1 SV=4	L1_HUMAN	EPB41	97 kDa	971	904	964	953	951	912	845	897	912	863	859	920
7	Erythrocyte membrane protein band 4.2 OS=Homo sapiens OX=9606 GN=EPB42 PE=1 SV=3	EPB42_HUMAN	EPB42	77 kDa	899	751	779	851	774	822	612	683	726	752	666	786
8	Actin, cytoplasmic 1 OS=Homo sapiens OX=9606 GN=ACTB PE=1 SV=1	ACTB_HUMAN	ACTB	42 kDa	638	657	642	670	656	611	615	618	646	654	666	650
9	Erythrocyte band 7 integral membrane protein OS=Homo sapiens OX=9606 GN=STOM PE=1 SV=3	STOM_HUMAN	STOM	32 kDa	411	386	427	418	395	389	408	414	400	418	403	400
10	Beta-adducin OS=Homo sapiens OX=9606 GN=ADD2 PE=1 SV=3	ADD8_HUMAN	ADD2	81 kDa	413	407	414	402	425	348	368	395	392	377	383	378
11	Blood group Rh(CE) polypeptide OS=Homo sapiens OX=9606 GN=RHCE PE=1 SV=2	RHCE_HUMAN	RHCE	46 kDa	323	327	323	350	324	308	294	308	318	318	318	318
12	Fructose-bisphosphate aldolase A OS=Homo sapiens OX=9606 GN=ALDOA PE=1 SV=2	ALDOA_HUMAN	ALDOA	39 kDa	292	275	330	345	315	337	223	242	275	277	250	283
13	Flotillin-2 OS=Homo sapiens OX=9606 GN=FLT2 PE=1 SV=2	FLT2T_HUMAN	FLT2T	47 kDa	336	311	319	322	335	300	278	291	310	300	282	323
14	Flotillin-1 OS=Homo sapiens OX=9606 GN=FLT1 PE=1 SV=3	FLT1T_HUMAN	FLT1T	47 kDa	264	251	243	249	262	243	236	237	249	241	230	256
15	Alpha-adducin OS=Homo sapiens OX=9606 GN=ADD1 PE=1 SV=2	ADD4_HUMAN	ADD1	81 kDa	255	224	252	252	239	201	214	231	217	231	214	212
16	Hemoglobin subunit alpha OS=Homo sapiens OX=9606 GN=HBA1 PE=1 SV=2	HBA_HUMAN	HBA1	15 kDa	223	234	198	158	177	201	266	273	273	239	171	219
17	Clathrin heavy chain 1 OS=Homo sapiens OX=9606 GN=CLTC PE=1 SV=5	CLH1_HUMAN	CLTC	192 kDa	185	230	242	220	255	251	161	218	203	224	226	237
18	Myosin-9 OS=Homo sapiens OX=9606 GN=MYH9 PE=1 SV=4	MYH9_HUMAN	MYH9	227 kDa	199	267	239	277	297	230	114	139	135	142	136	144
19	55 kDa erythrocyte membrane protein OS=Homo sapiens OX=9606 GN=MPP1 PE=1 SV=2	EM55_HUMAN	MPP1	52 kDa	220	182	205	209	197	192	187	189	201	203	193	198
20	Peroxiredoxin-2 OS=Homo sapiens OX=9606 GN=PRDX2 PE=1 SV=5	PRDX2_HUMAN	PRDX2	22 kDa	214	219	196	184	264	216	197	220	178	169	179	193
21	Protein argonate-2 OS=Homo sapiens OX=9606 GN=AGO2 PE=1 SV=3	AGO2_HUMAN	AGO2	97 kDa	209	186	195	182	200	174	178	177	173	184	162	180
22	E3 ubiquitin-protein ligase UBR4 OS=Homo sapiens OX=9606 GN=UBR4 PE=1 SV=1	UBR4_HUMAN	UBR4	574 kDa	101	159	147	147	172	177	135	207	140	180	197	191
23	Dematin OS=Homo sapiens OX=9606 GN=DMTN PE=1 SV=3	DEMA_HUMAN	DMTN	46 kDa	156	139	166	159	158	136	168	164	154	161	172	158
24	ATP-citrate synthase OS=Homo sapiens OX=9606 GN=ACLY PE=1 SV=3	ACLY_HUMAN	ACLY	121 kDa	96	124	166	166	160	159	91	117	117	130	133	150
25	Solute carrier family 2, facilitated glucose transporter member 1 OS=Homo sapiens OX=9606 GN=SLC2A1 PE=1 SV=2	GTR1_HUMAN	SLC2A1	54 kDa	160	126	153	160	152	151	135	153	138	154	125	158
26	Transitional endoplasmic reticulum ATPase OS=Homo sapiens OX=9606 GN=VCP PE=1 SV=4	TERA_HUMAN	VCP	89 kDa	103	138	117	122	124	111	141	159	127	119	145	114
27	Plasma membrane calcium-transporting ATPase 4 OS=Homo sapiens OX=9606 GN=ATP2B4 PE=1 SV=2	AT2B4_HUMAN	ATP2B4	138 kDa	115	114	110	116	117	114	123	131	123	130	125	121
28	Glycophorin-C OS=Homo sapiens OX=9606 GN=GYPC PE=1 SV=1	GLPC_HUMAN	GYPC	14 kDa	184	146	152	148	149	131	117	133	140	149	122	142
29	Kell blood group glycoprotein OS=Homo sapiens OX=9606 GN=KEL PE=1 SV=2	KEL_HUMAN	KEL	83 kDa	107	102	92	94	92	109	102	105	115	115	115	121
30	Tropomodulin-1 OS=Homo sapiens OX=9606 GN=TMOD1 PE=1 SV=1	TMOD1_HUMAN	TMOD1	41 kDa	116	110	125	118	112	118	117	101	102	117	115	117
31	Hemoglobin subunit beta OS=Homo sapiens OX=9606 GN=HBB PE=1 SV=2	HBB_HUMAN	HBB	16 kDa	97	100	105	89	92	103	123	116	139	107	98	98
32	AP-2 complex subunit beta OS=Homo sapiens OX=9606 GN=AP2B1 PE=1 SV=1	AP2B1_HUMAN	AP2B1	105 kDa	90	109	111	103	105	108	71	84	86	89	87	79
33	Immunoglobulin gamma-1 heavy chain OS=Homo sapiens OX=9606 PE=1 SV=2	IGG1_HUMAN	IGG1	49 kDa	93	95	72	97	95	86	90	89	88	88	97	87
34	Heat shock cognate 71 kDa protein OS=Homo sapiens OX=9606 GN=HSPA8 PE=1 SV=1	HSP7C_HUMAN	HSPA8	71 kDa	67	96	102	89	120	99	71	88	83	83	91	84
35	AP-2 complex subunit alpha-1 OS=Homo sapiens OX=9606 GN=AP2A1 PE=1 SV=3	AP2A1_HUMAN	AP2A1	108 kDa	76	95	93	90	87	86	63	64	69	74	73	80
36	Catalase OS=Homo sapiens OX=9606 GN=CAT PE=1 SV=3	CAT4_HUMAN	CAT	60 kDa	76	77	67	66	94	77	94	84	74	58	78	66
37	ATP-binding cassette sub-family B member 6, mitochondrial OS=Homo sapiens OX=9606 GN=ABCB6 PE=1 SV=1	ABCB6_HUMAN	ABCB6	94 kDa	80	86	73	88	78	73	93	95	86	92	90	95
38	Myosin-10 OS=Homo sapiens OX=9606 GN=MYH10 PE=1 SV=3	MYH10_HUMAN	MYH10	229 kDa	139	178	166	195	198	163	34	36	39	50	44	47
39	Erythroid membrane-associated protein OS=Homo sapiens OX=9606 GN=ERMAP PE=1 SV=1	ERMAP_HUMAN	ERMAP	53 kDa	81	68	80	90	88	78	59	64	71	59	65	73
40	26S proteasome non-ATPase regulatory subunit 2 OS=Homo sapiens OX=9606 GN=PSMD2 PE=1 SV=3	PSMD2_HUMAN	PSMD2	100 kDa	85	92	88	93	97	91	73	82	59	71	80	71
41	Heat shock protein HSP 90-alpha OS=Homo sapiens OX=9606 GN=HSP90AA1 PE=1 SV=5	HS90A_HUMAN	HSP90AA1	85 kDa	76	97	87	72	115	97	54	64	52	50	61	45
42	Piezo-type mechanosensitive ion channel component 1 OS=Homo sapiens OX=9606 GN=PIEZO1 PE=1 SV=4	PIE2_HUMAN	PIEZO1	287 kDa	60	58	70	66	61	68	81	78	75	72	75	81
43	Ras-related protein Rap-1A OS=Homo sapiens OX=9606 GN=RAP1A PE=1 SV=1	RAP1A_HUMAN	RAP1A	21 kDa	118	78	79	86	68	58	62	59	65	54	56	51
44	Aquaporin-1 OS=Homo sapiens OX=9606 GN=AQP1 PE=1 SV=3	AQP1_HUMAN	AQP1	29 kDa	87	67	67	60	88	71	77	79	72	93	75	94
45	Multidrug resistance-associated protein 4 OS=Homo sapiens OX=9606 GN=ABCC4 PE=1 SV=3	MARP4_HUMAN	ABCC4	150 kDa	60	61	66	66	57	60	74	73	67	78	66	73
46	T-complex protein 1 subunit eta OS=Homo sapiens OX=9606 GN=CCT7 PE=1 SV=2	TCPE_HUMAN	CCT7	59 kDa	60	74	71	81	87	81	52	67	54	56	53	60
47	Arginase-1 OS=Homo sapiens OX=9606 GN=ARG1 PE=1 SV=2	ARG1_HUMAN	ARG1	35 kDa	79	81	70	80	67	80	50	53	59	55	50	51
48	Acylamino-acid-releasing enzyme OS=Homo sapiens OX=9606 GN=APEH PE=1 SV=4	ACP1_HUMAN	APEH	81 kDa	49	53	63	50	80	53	73	77	54	46	63	51
49	T-complex protein 1 subunit zeta OS=Homo sapiens OX=9606 GN=CTGA PE=1 SV=3	TCPE2_HUMAN	CTGA	58 kDa	52	53	66	71	79	70	41	53	41	49	51	62
50	Cullin-associated NEDD8-dissociated protein 1 OS=Homo sapiens OX=9606 GN=CAND1 PE=1 SV=2	CAND1_HUMAN	CAND1	136 kDa	54	62	54	62	48	62	46	54	50	42	57	62
51	T-complex protein 1 subunit alpha OS=Homo sapiens OX=9606 GN=TCP1 PE=1 SV=1	TCPE1_HUMAN	TCPE1	60 kDa	58	64	57	65	81	84	39	54	42	41	50	58
52	Serum albumin OS=Homo sapiens OX=9606 GN=ALB PE=1 SV=2	ALB_HUMAN	ALB	69 kDa	55	59	67	51	61	52	71	58	48	52	55	43
53	Keratin, type I cytoskeletal 10 OS=Homo sapiens OX=9606 GN=KRT10 PE=1 SV=6	K10_HUMAN	KRT10	59 kDa	44	80	64	55	45	54	76	76	59	58	49	46
54	E2 ubiquitin-conjugating enzyme OS=Homo sapiens OX=9606 GN=UBE2O PE=1 SV=3	sp Q9DC09 UBE2O_HUMAN	UBE2O	141 kDa	46	65	52	69	75	67	43	59	50	53	61	60
55	Delta-aminolevulinic acid dehydratase OS=Homo sapiens OX=9606 GN=ALAD PE=1 SV=1	HEM2_HUMAN	ALAD	36 kDa	48	55	54	48	64	57	53	58	43	46	61	52
56	Long-chain-fatty-acid-CoA ligase 4 OS=Homo sapiens OX=9606 GN=ACSL4 PE=1 SV=2	ACSL4_HUMAN	ACSL4	79 kDa	50	53	53	60	61	54	63	52	57	50	57	54
57	Basal cell adhesion molecule OS=Homo sapiens OX=9606 GN=BCAM PE=1 SV=2	BCAM_HUMAN	BCAM	67 kDa	62	61	62	54	69	55	58	53	55	62	59	63
58	Endonuclease domain-containing 1 protein OS=Homo sapiens OX=9606 GN=ENDOD1 PE=1 SV=2	ENDD1_HUMAN	ENDOD1	55 kDa	48	50	58	50	56	54	54	51	49	46	47	53
59	Proteasome subunit beta type-4 OS=Homo sapiens OX=9606 GN=PSMB4 PE=1 SV=4	PSB4_HUMAN	PSMB4	29 kDa	66	71	71	75	79	62	59	62	59	62	63	66
60	Guanine nucleotide-binding protein G(i)/G(s)/G(t) subunit beta-1 OS=Homo sapiens OX=96060															

89	T-complex protein 1 subunit beta	OS=Homo sapiens OX=9066 GN=CC22 PE=1 SV=4	TCPB_HUMAN	CCT2	57 kDa	48	44	44	46	52	59	39	51	28	25	30	29
90	UDP-glucose-glycoprotein glucosyltransferase 1	OS=Homo sapiens OX=9066 GN=UGGT1 PE=1 SV=3	UGGT1_HUMAN	UGGT1	177 kDa	29	30	29	26	25	31	51	54	54	49	57	61
91	Keratin, type I cytoskeletal 9	OS=Homo sapiens OX=9066 GN=KRT9 PE=1 SV=3	KI09_HUMAN	KRT9	62 kDa	30	55	36	24	41	33	60	62	35	50	33	29
92	T-complex protein 1 subunit theta	OS=Homo sapiens OX=9066 GN=CC78 PE=1 SV=4	TCPO_HUMAN	CCT8	60 kDa	39	45	42	39	44	45	30	47	33	36	37	35
93	Acetylcholinesterase	OS=Homo sapiens OX=9066 GN=ACHE PE=1 SV=1	ACSE_HUMAN	ACHE	68 kDa	32	28	35	36	29	34	34	27	37	38	34	34
94	Proteasome subunit alpha type-7	OS=Homo sapiens OX=9066 GN=PSMA7 PE=1 SV=1	PSA7_HUMAN	PSMA7	28 kDa	32	47	35	41	56	37	38	53	37	41	31	33
95	Proteasome subunit beta type-1	OS=Homo sapiens OX=9066 GN=PSMB1 PE=1 SV=2	PSB1_HUMAN	PSMB1	26 kDa	32	42	39	43	41	38	36	43	37	38	39	38
96	Guanine nucleotide-binding protein G(i) subunit alpha isoforms short	OS=Homo sapiens OX=9066 GN=GNAS1 PE=1 SV=1	GNAS_HUMAN	GNAS	46 kDa	53	43	50	48	45	43	43	40	41	45	39	43
97	Proteasome activator complex subunit 2	OS=Homo sapiens OX=9066 GN=PSME2 PE=1 SV=4	PSME2_HUMAN	PSME2	27 kDa	38	43	39	41	50	49	38	41	42	43	37	43
98	Polypyrimidine tract-binding protein 1	OS=Homo sapiens OX=9066 GN=PTBP1 PE=1 SV=1	PTBP1_HUMAN	PTBP1	57 kDa	37	35	39	38	36	43	42	35	39	40	43	32
99	Long-chain-fatty-acid-CoA ligase 6	OS=Homo sapiens OX=9066 GN=ACSL6 PE=2 SV=4	ACSL6_HUMAN	ACSL6	78 kDa	29	36	33	33	37	36	39	39	39	35	43	46
100	Proteasome subunit beta type-5	OS=Homo sapiens OX=9066 GN=PSMB5 PE=1 SV=3	PSMB5_HUMAN	PSMB5	28 kDa	36	47	45	46	38	39	46	49	32	37	43	43
101	Stress-induced-phosphoprotein 1	OS=Homo sapiens OX=9066 GN=STIP1 PE=1 SV=1	STIP1_HUMAN	STIP1	63 kDa	27	31	34	37	49	48	25	36	27	24	35	22
102	Neurotrophin target esterase	OS=Homo sapiens OX=9066 GN=PNPLA6 PE=1 SV=3	PNPLA6_HUMAN	PNPLA6	151 kDa	40	29	32	27	35	36	46	34	37	45	36	47
103	Multidrug resistance-associated protein 1	OS=Homo sapiens OX=9066 GN=ABCC1 PE=1 SV=3	MRP1_HUMAN	ABCC1	172 kDa	28	30	38	36	30	31	38	29	39	32	36	33
104	26S proteasome regulatory subunit 6A	OS=Homo sapiens OX=9066 GN=PSMC3 PE=1 SV=3	PRSGA_HUMAN	PSMC3	49 kDa	29	40	35	48	39	39	25	39	24	36	35	27
105	Proteasome subunit beta type-6	OS=Homo sapiens OX=9066 GN=PSMB6 PE=1 SV=4	PSMB6_HUMAN	PSMB6	25 kDa	22	38	36	37	39	45	29	38	22	19	37	19
106	Proteasome subunit beta type-3	OS=Homo sapiens OX=9066 GN=PSMB3 PE=1 SV=2	PSB3_HUMAN	PSMB3	23 kDa	26	38	31	38	44	37	27	32	20	32	32	25
107	26S proteasome non-ATPase regulatory subunit 13	OS=Homo sapiens OX=9066 GN=PSMD13 PE=1 SV=2	PSMD13_HUMAN	PSMD13	43 kDa	38	42	36	37	42	44	29	40	31	35	34	37
108	Semaphorin-7A	OS=Homo sapiens OX=9066 GN=SEMA7A PE=1 SV=1	SEMA7A_HUMAN	SEMA7A	75 kDa	31	33	33	37	32	37	51	49	46	47	43	42
109	Dynamin-2	OS=Homo sapiens OX=9066 GN=DNM2 PE=1 SV=2	DNM2_HUMAN	DNM2	98 kDa	16	28	36	35	43	30	26	34	37	32	35	38
110	26S proteasome non-ATPase regulatory subunit 3	OS=Homo sapiens OX=9066 GN=PSMD3 PE=1 SV=2	PSMD3_HUMAN	PSMD3	61 kDa	32	44	38	40	38	27	34	39	27	33	33	29
111	Ezrin	OS=Homo sapiens OX=9066 GN=EZR PE=1 SV=4	EZR_HUMAN	EZR	69 kDa	36	30	35	32	39	36	37	30	32	27	33	28
112	AP-2 complex subunit mu	OS=Homo sapiens OX=9066 GN=AP2M1 PE=1 SV=2	AP2M1_HUMAN	AP2M1	50 kDa	37	30	44	50	43	44	30	23	34	26	26	30
113	Immunoglobulin kappa light chain	OS=Homo sapiens OX=9066 PE=1 SV=1	IGK_HUMAN	IGK	23 kDa	44	36	30	36	50	50	46	40	33	38	50	48
114	Nucleosome assembly protein 1-like 4	OS=Homo sapiens OX=9066 GN=NAP1L4 PE=1 SV=1	NAP1L4_HUMAN	NAP1L4	43 kDa	38	48	41	47	52	43	36	43	29	34	36	36
115	Vacuolar protein sorting-associated protein 13A	OS=Homo sapiens OX=9066 GN=VPS13A PE=1 SV=2	VPS13A_HUMAN	VPS13A	360 kDa	21	21	30	20	23	22	35	31	34	36	29	33
116	Proteasome activator complex subunit 1	OS=Homo sapiens OX=9066 GN=PSME1 PE=1 SV=1	PSME1_HUMAN	PSME1	29 kDa	27	39	33	41	40	38	28	37	34	36	32	35
117	cAMP-dependent protein kinase catalytic subunit alpha	OS=Homo sapiens OX=9066 GN=PRKACA PE=1 SV=2	KAPCA_HUMAN	PRKACA	41 kDa	43	41	37	40	39	33	25	32	29	34	32	25
118	Calreticulin	OS=Homo sapiens OX=9066 GN=CALR PE=1 SV=1	CALR_HUMAN	CALR	48 kDa	32	28	29	26	27	24	42	38	44	39	38	48
119	Calpain-5	OS=Homo sapiens OX=9066 GN=CAPN5 PE=1 SV=2	CAPN5_HUMAN	CAPN5	73 kDa	31	26	24	25	30	23	43	42	38	41	38	35
120	DnaI homolog subfamily C member 13	OS=Homo sapiens OX=9066 GN=DNAJC13 PE=1 SV=5	DNJC13_HUMAN	DNJC13	254 kDa	16	33	28	50	40	52	14	19	24	23	35	33
121	Sodium/potassium transporting ATPase subunit alpha-1	OS=Homo sapiens OX=9066 GN=ATP1A1 PE=1 SV=1	ATP1A1_HUMAN	ATP1A1	113 kDa	26	35	26	37	37	31	34	39	32	31	36	31
122	26S proteasome regulatory subunit 6B	OS=Homo sapiens OX=9066 GN=PSMC4 PE=1 SV=2	PRSGB_HUMAN	PSMC4	47 kDa	26	40	35	26	38	36	26	32	28	32	31	31
123	Importin-7	OS=Homo sapiens OX=9066 GN=IPO7 PE=1 SV=1	IPO7_HUMAN	IPO7	120 kDa	40	27	37	29	38	33	34	37	24	26	30	37
124	Proteasome subunit alpha type-1	OS=Homo sapiens OX=9066 GN=PSMA1 PE=1 SV=1	PSA1_HUMAN	PSMA1	30 kDa	30	37	36	35	39	30	26	29	27	26	34	25
125	Elongation factor 1-alpha	OS=Homo sapiens OX=9066 GN=EEF1A1 PE=1 SV=1	EF1A1_HUMAN	EEF1A1	50 kDa	36	38	35	35	34	34	29	22	23	22	31	29
126	Keratin, type II cytoskeletal 2 epidermal	OS=Homo sapiens OX=9066 GN=KRT2 PE=1 SV=2	K22E_HUMAN	KRT2	65 kDa	18	42	31	45	22	26	41	40	36	24	28	18
127	Ras-related protein Rab-35	OS=Homo sapiens OX=9066 GN=RAB35 PE=1 SV=1	RAB35_HUMAN	RAB35	23 kDa	48	39	39	56	39	40	33	44	40	39	33	41
128	Ribose-phosphate pyrophosphokinase 1	OS=Homo sapiens OX=9066 GN=PRPS1 PE=1 SV=2	PRPS1_HUMAN	PRPS1	35 kDa	25	23	32	30	42	37	22	28	35	35	28	39
129	Basigin	OS=Homo sapiens OX=9066 GN=BSG PE=1 SV=2	BSG_HUMAN	BSG	42 kDa	41	37	44	42	39	38	39	35	41	35	35	37
130	Atlastin-3	OS=Homo sapiens OX=9066 GN=ATL3 PE=1 SV=1	ATL3_HUMAN	ATL3	61 kDa	38	35	36	30	33	27	34	29	33	32	30	31
131	Cell division control protein 42 homolog	OS=Homo sapiens OX=9066 GN=CDC42 PE=1 SV=2	CDC42_HUMAN	CDC42	21 kDa	38	37	34	39	39	32	35	35	36	31	36	32
132	26S proteasome regulatory subunit 8	OS=Homo sapiens OX=9066 GN=PSMC5 PE=1 SV=1	PSMC5_HUMAN	PSMC5	46 kDa	28	40	39	36	40	34	24	33	32	32	30	29
133	26S proteasome non-ATPase regulatory subunit 6	OS=Homo sapiens OX=9066 GN=PSMD6 PE=1 SV=1	PSMD6_HUMAN	PSMD6	46 kDa	25	34	31	37	39	40	23	30	24	28	34	32
134	Endoplasmic reticulum chaperone	OS=Homo sapiens OX=9066 GN=HSP90B1 PE=1 SV=1	ENP90B1_HUMAN	HSP90B1	92 kDa	34	28	27	25	31	31	35	35	31	31	27	42
135	Dynactin subunit 1	OS=Homo sapiens OX=9066 GN=DCTN1 PE=1 SV=3	DCTN1_HUMAN	DCTN1	142 kDa	13	29	25	25	35	24	17	34	27	35	42	38
136	ATP-dependent 6-phosphofructokinase, muscle type	OS=Homo sapiens OX=9066 GN=PFKM PE=1 SV=2	PFKM_HUMAN	PFKM	85 kDa	21	29	27	39	41	43	20	29	30	41	32	45
137	Endoplasmic reticulum chaperone BIP	OS=Homo sapiens OX=9066 GN=HSPA5 PE=1 SV=2	BIP_HUMAN	HSPA5	72 kDa	26	33	34	27	31	31	42	49	34	38	41	34
138	Ras-related protein Rab-10	OS=Homo sapiens OX=9066 GN=RAB10 PE=1 SV=1	RAB10_HUMAN	RAB10	23 kDa	36	40	33	37	35	33	19	27	24	24	27	21
139	Proteasome subunit alpha type-6	OS=Homo sapiens OX=9066 GN=PSMA6 PE=1 SV=1	PSA6_HUMAN	PSMA6	27 kDa	38	33	34	37	38	38	29	32	30	36	25	35
140	Proteasome subunit alpha type-2	OS=Homo sapiens OX=9066 GN=PSMA2 PE=1 SV=2	PSA2_HUMAN	PSMA2	26 kDa	35	33	31	35	41	31	25	24	30	33	26	35
141	Coiled-coil and C2 domain-containing protein 1A	OS=Homo sapiens OX=9066 GN=CC2D1A PE=1 SV=1	CC2D1A_HUMAN	CC2D1A	104 kDa	30	35	39	29	30	30	19	21	22	20	18	29
142	Complement receptor type 1	OS=Homo sapiens OX=9066 GN=CR1 PE=1 SV=3	CR1_HUMAN	CR1	224 kDa	12	25	24	26	28	24	43	38	41	36	32	31
143	ATP-dependent 6-phosphofructokinase, liver type	OS=Homo sapiens OX=9066 GN=PFKL PE=1 SV=6	PFKL_HUMAN	PFKL	85 kDa	33	34	35	42	35	41	25	38	37	39	35	36
144	Proteasome subunit beta type-2	OS=Homo sapiens OX=9066 GN=PSMB2 PE=1 SV=1	PSB2_HUMAN	PSMB2	23 kDa	26	35	27	30	35	21	26	25	21	30	28	24
145	GTPase KRas	OS=Homo sapiens OX=9066 GN=KRAS PE=1 SV=1	KRAS_HUMAN	KRAS	22 kDa	38	31	32	35	34	27	31	32	31	33	27	34
146	Proteasome adapter and scaffold protein ECM29	OS=Homo sapiens OX=9066 GN=ECAP5 PE=1 SV=2	ECM29_HUMAN	ECAP5	204 kDa	22	30	28	31	34	40	19	27	13	21	23	24
147	26S proteasome regulatory subunit 4	OS=Homo sapiens OX=9066 GN=PSMC1 PE=1 SV=1	PRSGA_HUMAN	PSMC1	49 kDa	32	28	35	41	44	34	27	31	33	34	26	32
148	Flavin reductase (NADPH)	OS=Homo sapiens OX=9066 GN=ELAVR PE=1 SV=3	BLVRB_HUMAN	BLVRB	22 kDa	34	32	31	27	29	36	31	34	35	35	30	29
149	Protein disulfide-isomerase A3	OS=Homo sapiens OX=9066 GN=PDIA3 PE=1 SV=4	PDIA3_HUMAN	PDIA3	57 kDa	30	24	25	23	27	27	45	36	38	37	36	35
150	Immunoglobulin heavy constant gamma 2	OS=Homo sapiens OX=9066 GN=IGHG2 PE=1 SV=2	IGHG2_HUMAN	IGHG2	36 kDa	49	49	39	46	45	55	41	43	35	42	52	43
151	Proteasome subunit alpha type-4	OS=Homo sapiens OX=9066 GN=PSMA4 PE=1 SV=1	PSA4_HUMAN	PSMA4	29 kDa	23	23	25	28	31	25	27	26	19	31	28	22
152	Calnexin	OS=Homo sapiens OX=9066 GN=CANX PE=1 SV=2	CANX_HUMAN	CANX	68 kDa	22	23	22	17	18	15	38	35	34	34	37	38
153	Deoxyribose-phosphate aldolase	OS=Homo sapiens OX=9066 GN=DERA PE=1 SV=2	DEOC_HUMAN	DERA	35 kDa	29	32	30	30	35	35	23	22	19	24	19	26
154	26S proteasome non-ATPase regulatory subunit 5	OS=Homo sapiens OX=9066 GN=PSMD5 PE=1 SV=3	PSMD5_HUMAN	PSMD5	56 kDa	24	28	25	26	33	34	16	34	18	22	34	37
155	Alpha-centractin	OS=Homo sapiens OX=9066 GN=ACTR1A PE=1 SV=1	ACTR1A_HUMAN	ACTR1A	43 kDa	18	29	30	31	30	23	29	31	29	28	28	31
156	Caprin-3	OS=Homo sapiens OX=9066 GN=CPR3 PE=1 SV=1	CPR3_HUMAN	CPR3	60 kDa	17	27	20	13	21	35	27	35	27	37	36	17
157	Proteasome subunit beta type-7	OS=Homo sapiens OX=9066 GN=PSMB7 PE=1 SV=1	PSMB7_HUMAN	PSMB7	30 kDa	17	32	29	32	42	21	16	20	12	18	20	21
158	Phosphatidylinositolide phosphatase SAC1	OS=Homo sapiens OX=9066 GN=SACM1L PE=1 SV=2	SAC1_HUMAN	SACM1L	67 kDa	26	20	24	22	20	21	26	23	29	24	23	27
159	Copper-transporting ATPase 1	OS=Homo sapiens OX=9066 GN=ATP7A PE=1 SV=1	ATP7A_HUMAN	ATP7A	163 kDa	22	20	24	19	15	21	30	27	31	29	33	27
160	Glycophorin-A	OS=Homo sapiens OX=9066 GN=GYP A PE=1 SV=2	GLPA_HUMAN	GYP A	16 kDa	32	27	28	25	28	26	29	27	28	30	27	27
161	26S proteasome non-ATPase regulatory subunit 11	OS=Homo sapiens OX=9066 GN=PSMD11 PE=1 SV=3	PSMD11_HUMAN	PSMD11	47 kDa	26	32	26	29	29	23	23	29	18	21	24	24
162	Tensin-1	OS=Homo sapiens OX=9066 GN=TNF1 PE=1 SV=2	TNS1_HUMAN	TNS1	186 kDa	24	24	20	26	31	26	24	26	27	27	30	

181	Ubiquitin-60S ribosomal protein L40 OS=Homo sapiens OX=9606 GN=UBA52 PE=1 SV=2	RL40_HUMAN (+3)	UBA52	15 kDa	24	21	23	27	22	20	21	17	19	18	18	18
182	AP-2 complex subunit alpha-2 OS=Homo sapiens OX=9606 GN=AP2A2 PE=1 SV=2	AP2A2_HUMAN	AP2A2	104 kDa	45	51	49	52	54	63	37	37	34	41	41	41
183	26S proteasome regulatory subunit 10B OS=Homo sapiens OX=9606 GN=PSMCG PE=1 SV=1	PSMCG_HUMAN	PSMCG	44 kDa	23	24	26	26	24	25	23	24	18	23	21	22
184	Radixin OS=Homo sapiens OX=9606 GN=ROX PE=1 SV=1	RADX_HUMAN	ROX	69 kDa	33	31	35	31	37	33	39	31	39	35	30	32
185	14-3-3 protein epsilon OS=Homo sapiens OX=9606 GN=YWHAE PE=1 SV=1	1433E_HUMAN	YWHAE	29 kDa	17	20	23	19	22	19	31	32	20	32	24	20
186	WD repeat-containing protein 91 OS=Homo sapiens OX=9606 GN=WDOR1 PE=1 SV=2	WDOR1_HUMAN	WDOR1	212 kDa	18	25	19	25	31	27	8	17	11	18	16	20
187	Importin-5 OS=Homo sapiens OX=9606 GN=IPO5 PE=1 SV=4	IPO5_HUMAN	IPO5	125 kDa	24	27	24	25	39	44	6	5	6	5	8	13
188	Vesicle-associated membrane protein-associated protein A OS=Homo sapiens OX=9606 GN=VAPA PE=1 SV=3	VAPA_HUMAN	VAPA	28 kDa	16	22	26	19	19	21	25	27	20	28	25	15
189	Phosphatidylinositol 4-kinase type 2-alpha OS=Homo sapiens OX=9606 GN=PI4K2A PE=1 SV=1	PI4K2A_HUMAN	PI4K2A	54 kDa	21	11	21	23	24	18	22	15	27	22	25	21
190	Fatty acid synthase OS=Homo sapiens OX=9606 GN=FASN PE=1 SV=3	FASN_HUMAN	FASN	273 kDa	19	27	13	20	36	27	11	24	7	6	17	17
191	Unconventional myosin-XVilia OS=Homo sapiens OX=9606 GN=MYO18A PE=1 SV=3	MY18A_HUMAN	MYO18A	233 kDa	7	26	17	21	29	19	13	20	14	21	27	23
192	Myosin light chain 4 OS=Homo sapiens OX=9606 GN=MYL4 PE=1 SV=3	MYL4_HUMAN	MYL4	22 kDa	22	27	31	32	32	29	19	17	17	24	21	20
193	26S proteasome non-ATPase regulatory subunit 14 OS=Homo sapiens OX=9606 GN=PSMD14 PE=1 SV=1	PSD0_HUMAN	PSMD14	35 kDa	17	19	17	21	22	20	13	23	12	13	15	18
194	Neutral cholesterol ester hydrolase 1 OS=Homo sapiens OX=9606 GN=NCEH1 PE=1 SV=3	NCEH1_HUMAN	NCEH1	46 kDa	21	16	20	17	14	20	26	21	25	23	25	25
195	Immunoglobulin heavy constant gamma 3 OS=Homo sapiens OX=9606 GN=IGHG3 PE=1 SV=2	IGHG3_HUMAN	IGHG3	49 kDa	56	45	52	56	56	55	56	59	55	61	51	51
196	Long-chain fatty acid-CoA ligase 3 OS=Homo sapiens OX=9606 GN=ACSL3 PE=1 SV=3	ACSL3_HUMAN	ACSL3	80 kDa	18	15	17	13	13	18	28	27	24	23	21	24
197	Ras-related C3 botulinum toxin substrate 1 OS=Homo sapiens OX=9606 GN=RAC1 PE=1 SV=1	RAC1_HUMAN	RAC1	21 kDa	29	24	27	27	24	26	16	14	20	22	17	23
198	Protein XRP2 OS=Homo sapiens OX=9606 GN=RP2 PE=1 SV=4	XRP2_HUMAN	RP2	40 kDa	15	15	17	13	16	13	22	18	21	26	18	16
199	26S proteasome non-ATPase regulatory subunit 12 OS=Homo sapiens OX=9606 GN=PSMD12 PE=1 SV=3	PSMD12_HUMAN	PSMD12	53 kDa	23	24	27	23	27	26	12	20	14	18	18	21
200	Vesicular integral-membrane protein VIP36 OS=Homo sapiens OX=9606 GN=LMAN2 PE=1 SV=1	LMAN2_HUMAN	LMAN2	40 kDa	30	17	15	17	10	21	18	16	15	15	13	17
201	Ras-related protein Rab-8A OS=Homo sapiens OX=9606 GN=RAB8A PE=1 SV=1	RAB8A_HUMAN	RAB8A	24 kDa	28	24	20	31	29	28	25	28	23	25	24	17
202	Myosin regulatory light chain 12B OS=Homo sapiens OX=9606 GN=MYL12B PE=1 SV=2	MYL12B_HUMAN	MYL12B	20 kDa	18	37	26	44	43	25	12	12	12	9	15	12
203	Beta-2-glycoprotein 1 OS=Homo sapiens OX=9606 GN=APHO PE=1 SV=3	APHO_HUMAN	APHO	38 kDa	23	16	15	23	17	17	18	10	15	13	19	21
204	COP9 signalosome complex subunit 4 OS=Homo sapiens OX=9606 GN=COP5A PE=1 SV=1	COP5A_HUMAN	COP5A	46 kDa	17	20	16	11	20	18	14	16	13	15	17	18
205	Endoplasmic reticulum resident protein 44 OS=Homo sapiens OX=9606 GN=ERP44 PE=1 SV=1	ERP44_HUMAN	ERP44	47 kDa	20	11	20	19	24	17	19	19	24	17	17	24
206	Peptidyl-prolyl cis-trans isomerase FKBP3 OS=Homo sapiens OX=9606 GN=FKBP3 PE=1 SV=1	FKBP3_HUMAN	FKBP3	25 kDa	27	17	25	25	24	25	17	18	13	16	13	17
207	26S proteasome non-ATPase regulatory subunit 7 OS=Homo sapiens OX=9606 GN=PSMD7 PE=1 SV=2	PSMD7_HUMAN	PSMD7	37 kDa	15	23	23	19	26	27	14	20	15	16	20	21
208	COP9 signalosome complex subunit 2 OS=Homo sapiens OX=9606 GN=COP52 PE=1 SV=1	COP52_HUMAN	COP52	52 kDa	13	20	12	15	20	19	19	15	15	21	15	19
209	LaNC-like protein 2 OS=Homo sapiens OX=9606 GN=LANCL2 PE=1 SV=1	LANCL2_HUMAN	LANCL2	51 kDa	5	18	22	20	23	22	17	17	18	25	25	31
210	Intermediate conductance calcium-activated potassium channel protein 4 OS=Homo sapiens OX=9606 GN=KCNN4 PE=1 SV=1	KCNN4_HUMAN	KCNN4	48 kDa	21	20	14	25	22	19	19	18	20	21	17	19
211	Blood group Rh(D) polypeptide OS=Homo sapiens OX=9606 GN=RHD PE=1 SV=3	RHD_HUMAN	RHD	45 kDa	39	34	34	36	32	31	26	37	36	40	29	35
212	Actin, alpha cardiac muscle 1 OS=Homo sapiens OX=9606 GN=ACTC1 PE=1 SV=1	ACTC1_HUMAN	ACTC1	42 kDa	63	71	63	66	71	70	84	78	81	75	91	72
213	Calpain-1 catalytic subunit OS=Homo sapiens OX=9606 GN=CAPN1 PE=1 SV=1	CAPN1_HUMAN	CAPN1	82 kDa	13	17	19	13	18	14	11	17	10	11	7	14
214	Immunoglobulin heavy constant mu OS=Homo sapiens OX=9606 GN=IGHM PE=1 SV=4	IGHM_HUMAN	IGHM	49 kDa	10	16	13	15	20	18	18	20	19	16	25	19
215	Guanine nucleotide-binding protein G(i) subunit alpha OS=Homo sapiens OX=9606 GN=GNAQ PE=1 SV=4	GNAQ_HUMAN	GNAQ	42 kDa	16	14	18	21	17	19	20	19	20	19	21	20
216	Syntaxin-7 OS=Homo sapiens OX=9606 GN=STX7 PE=1 SV=4	STX7_HUMAN	STX7	30 kDa	15	25	22	21	21	19	19	18	23	23	18	20
217	Urea transporter 1 OS=Homo sapiens OX=9606 GN=SLC14A1 PE=1 SV=2	UT1_HUMAN	SLC14A1	43 kDa	14	10	12	13	13	16	18	19	14	18	16	19
218	Galectin-3 OS=Homo sapiens OX=9606 GN=LGALS3 PE=1 SV=5	LEG3_HUMAN	LGALS3	26 kDa	18	17	15	14	14	19	18	20	17	20	19	13
219	Phospholipid transfer protein C2CD2L OS=Homo sapiens OX=9606 GN=C2CD2L PE=1 SV=3	C2CD2L_HUMAN	C2CD2L	76 kDa	15	19	19	20	19	20	22	14	15	12	19	18
220	Dynactin subunit 2 OS=Homo sapiens OX=9606 GN=DNCT2 PE=1 SV=4	DNCT2_HUMAN	DNCT2	44 kDa	6	21	13	18	18	9	13	19	16	17	24	17
221	G protein-coupled receptor kinase 6 OS=Homo sapiens OX=9606 GN=GRK6 PE=1 SV=2	GRK6_HUMAN	GRK6	66 kDa	17	12	19	14	12	18	16	15	15	14	12	15
222	Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1	IGLC2_HUMAN (+1)	IGLC2	11 kDa	23	14	13	16	22	19	16	16	17	19	22	17
223	Protein arginine N-methyltransferase 5 OS=Homo sapiens OX=9606 GN=PRMT5 PE=1 SV=4	PRMT5_HUMAN	PRMT5	73 kDa	7	21	15	12	21	16	11	13	8	8	10	8
224	Gamma-aminobutyric acid receptor-associated protein-like 2 OS=Homo sapiens OX=9606 GN=GABARAPL2 PE=1 SV=1	GABARAPL2_HUMAN	GABARAPL2	14 kDa	15	16	16	14	17	15	9	17	17	16	14	14
225	Heat shock 70 kDa protein 4 OS=Homo sapiens OX=9606 GN=HSPA4 PE=1 SV=4	HSPA4_HUMAN	HSPA4	94 kDa	10	20	17	11	26	15	21	24	18	17	15	12
226	Ras-related protein Rab-5C OS=Homo sapiens OX=9606 GN=RAB5C PE=1 SV=2	RAB5C_HUMAN	RAB5C	23 kDa	15	17	14	15	16	15	21	22	19	19	16	14
227	Serine/threonine-protein kinase WNK1 OS=Homo sapiens OX=9606 GN=WNK1 PE=1 SV=2	WNK1_HUMAN	WNK1	251 kDa	5	13	16	14	17	10	9	17	12	15	20	20
228	Solute carrier family 40 member 1 OS=Homo sapiens OX=9606 GN=SLC40A1 PE=1 SV=1	SLC40A1_HUMAN	SLC40A1	63 kDa	16	14	18	20	16	18	24	19	19	18	18	17
229	Peptidyl-prolyl cis-trans isomerase B OS=Homo sapiens OX=9606 GN=PPIB PE=1 SV=2	PPIB_HUMAN	PPIB	24 kDa	11	14	13	14	13	10	15	17	15	19	16	18
230	F-actin-capping protein subunit beta OS=Homo sapiens OX=9606 GN=CAPZB PE=1 SV=4	CAPZB_HUMAN	CAPZB	31 kDa	11	15	17	20	19	20	17	18	13	20	18	16
231	Very long-chain 3-oxoacyl-CoA reductase OS=Homo sapiens OX=9606 GN=HSD17B12 PE=1 SV=2	HSD17B12_HUMAN	HSD17B12	34 kDa	15	14	16	17	15	20	18	21	19	17	19	19
232	SH3 domain-binding glutamic acid-rich-like protein OS=Homo sapiens OX=9606 GN=SH3BGR1 PE=1 SV=1	SH3B1_HUMAN	SH3BGR1	13 kDa	22	18	21	21	20	15	15	16	19	18	17	19
233	WD repeat-containing protein 91 OS=Homo sapiens OX=9606 GN=WDOR1 PE=1 SV=2	WDOR1_HUMAN	WDOR1	83 kDa	15	18	17	13	22	26	5	16	9	14	17	19
234	Carbonic anhydrase 1 OS=Homo sapiens OX=9606 GN=CA1 PE=1 SV=2	CAH1_HUMAN	CA1	29 kDa	18	20	16	17	16	15	21	24	22	17	10	13
235	Peroxiredoxin-1 OS=Homo sapiens OX=9606 GN=PRDX1 PE=1 SV=1	PRDX1_HUMAN	PRDX1	23 kDa	19	21	16	19	26	23	23	24	15	14	19	15
236	Guanine nucleotide-binding protein G(i)(G)/G(t) subunit beta-2 OS=Homo sapiens OX=9606 GN=GNB2 PE=1 SV=3	GNB2_HUMAN	GNB2	37 kDa	53	44	44	45	45	29	28	38	44	41	44	59
237	BMP-2-inducible protein kinase OS=Homo sapiens OX=9606 GN=BMP2K PE=1 SV=2	BMP2K_HUMAN	BMP2K	129 kDa	16	12	11	14	13	14	10	17	12	14	14	19
238	Carnitine O-palmitoyltransferase 1, liver isoform OS=Homo sapiens OX=9606 GN=CPT1A PE=1 SV=2	CPT1A_HUMAN	CPT1A	88 kDa	6	11	8	5	10	7	22	19	22	22	22	19
239	Junctional adhesion molecule A OS=Homo sapiens OX=9606 GN=J11R PE=1 SV=1	JAM1_HUMAN	F11R	33 kDa	14	16	17	14	13	16	16	15	18	24	18	19
240	DnaI homolog subfamily B member 1 OS=Homo sapiens OX=9606 GN=DNAB1 PE=1 SV=4	DNAB1_HUMAN	DNAB1	38 kDa	13	11	17	14	17	16	13	15	14	11	15	15
241	Moosin OS=Homo sapiens OX=9606 GN=MSN PE=1 SV=3	MOES_HUMAN	MSN	68 kDa	35	29	34	31	29	29	31	22	36	23	26	30
242	Ubiquitin carboxyl-terminal hydrolase 14 OS=Homo sapiens OX=9606 GN=USP14 PE=1 SV=3	UBP14_HUMAN	USP14	56 kDa	12	19	11	13	22	17	12	17	10	15	17	10
243	Vesicle-fusing ATPase OS=Homo sapiens OX=9606 GN=NSF PE=1 SV=3	NSF_HUMAN	NSF	83 kDa	11	10	15	7	18	22	13	15	11	7	10	14
244	CB1 cannabinoid receptor-interacting protein 1 OS=Homo sapiens OX=9606 GN=CNRIP1 PE=1 SV=1	CNRIP1_HUMAN	CNRIP1	19 kDa	5	17	16	18	17	9	14	17	10	17	16	18
245	AP-1 complex subunit beta-1 OS=Homo sapiens OX=9606 GN=AP1B1 PE=1 SV=2	AP1B1_HUMAN	AP1B1	105 kDa	46	55	52	59	59	53	37	42	46	41	47	33
246	COP9 signalosome complex subunit 3 OS=Homo sapiens OX=9606 GN=COP53 PE=1 SV=3	COP53_HUMAN	COP53	48 kDa	15	14	13	12	16	16	19	16	12	14	17	11
247	Transforming protein RhoA OS=Homo sapiens OX=9606 GN=RHOA PE=1 SV=1	RHOA_HUMAN	RHOA	22 kDa	16	12	16	18	18	13	11	15	12	15	9	16
248	Syntaxin-binding protein 3 OS=Homo sapiens OX=9606 GN=STXB3 PE=1 SV=2	STXB3_HUMAN	STXB3	68 kDa	9	11	8	12	12	10	19	24	15	15	17	17
249	Guanine nucleotide-binding protein G(i) subunit alpha OS=Homo sapiens OX=9606 GN=GNAI3 PE=1 SV=3	GNAI3_HUMAN	GNAI3	60 kDa	62	54	61	54	53	65	68	57	58	54	64	64
250	Monocarboxylate transporter 1 OS=Homo sapiens OX=9606 GN=SLC16A1 PE=1 SV=3	MDT1_HUMAN	SLC16A1	54 kDa	15	12	17	16	12	13	16	12	12	13	11	10
251	Small integral membrane protein 1 OS=Homo sapiens OX=9606 GN=SMIM1 PE=1 SV=1	SMIM1_HUMAN	SMIM1	9 kDa	13	15	13	8	14	11	25	21	13	14	18	14
252	Phosphoribosyl pyrophosphate synthase-associated protein 2 OS=Homo sapiens OX=9606 GN=PRPSAP2 PE=1 SV=1	KPRB_HUMAN	PRPSAP2	41 kDa	10	16	10	11	15	18	9	13	14	12	15	13
253	Ras-related protein Rab-21 OS=Homo sapiens OX=9606 GN=RAB21 PE=1 SV=3	RAB21_HUMAN	RAB21	24 kDa	14	11	14	15	12	14	14	14	19	15	16	16
254	Zinc transporter 1 OS=Homo sapiens OX=9606 GN=SLC30A1 PE=1 SV=3	ZNT1_HUMAN	SLC30A1	55 kDa	9	14	12	13	12	11	13	15	12	18	14	14
255	Ras-related protein Rab-7a OS=Homo sapiens OX=9606 GN=RAB7A PE=1 SV=1	RAB7A_HUMAN	RAB7A	23 kDa	12	12	13	15	10	14	12	15	15	15	17	13
256	Serine/threonine-protein phosphatase 6 catalytic subunit OS=Homo sapiens OX=9606 GN=PPP6C PE=1 SV=1	PPP6C_HUMAN	PPP6C	35 kDa	10	13	16	16	18	13	8	9	13	12	10	18
257	Calmodulin-1 OS=Homo sapiens OX															

273	Cytoskeleton-associated protein 5	OX=Homo sapiens OX=9606 GN=CKAP5	Pe=1	SV=3	CKAP5_HUMAN	CKAP5	226 kDa	20	13	18	21	18	19	5	2	4	4	3	7
274	Fructosamine-3-kinase	OX=Homo sapiens OX=9606 GN=FN3K	Pe=1	SV=1	FN3K_HUMAN	FN3K	35 kDa	13	13	15	9	12	15	10	17	13	12	12	14
275	Multiple inositol polyphosphate phosphatase 1	OX=Homo sapiens OX=9606 GN=MINPP1	Pe=1	SV=1	MINP1_HUMAN	MINPP1	55 kDa	11	10	9	9	6	9	15	15	12	12	13	10
276	Transmembrane protein 222	OX=Homo sapiens OX=9606 GN=TMEM222	Pe=1	SV=2	TM222_HUMAN	TMEM222	23 kDa	13	15	11	14	13	11	20	19	13	19	18	15
277	F-actin-capping protein subunit alpha-1	OX=Homo sapiens OX=9606 GN=CAPZA1	Pe=1	SV=3	CAPZA1_HUMAN	CAPZA1	33 kDa	6	12	10	11	18	14	12	8	11	18	15	15
278	Phosphatidylinositol-binding protein assembly	OX=Homo sapiens OX=9606 GN=PICALM	Pe=1	SV=2	PICALM_HUMAN	PICALM	71 kDa	12	10	11	10	10	11	10	10	11	14	9	9
279	Vesicle-trafficking protein SEC22B	OX=Homo sapiens OX=9606 GN=SEC22B	Pe=1	SV=4	SEC22B_HUMAN	SEC22B	25 kDa	12	10	11	13	14	14	14	10	12	10	14	18
280	Epoxide hydrolase 1	OX=Homo sapiens OX=9606 GN=EPHX1	Pe=1	SV=1	EPHX1_HUMAN	EPHX1	53 kDa	3	9	10	5	7	6	11	11	10	12	14	9
281	Protein disulfide-isomerase A6	OX=Homo sapiens OX=9606 GN=PDIA6	Pe=1	SV=1	PDIA6_HUMAN	PDIA6	48 kDa	5	8	8	8	10	8	13	15	13	13	14	14
282	DNA damage-binding protein 1	OX=Homo sapiens OX=9606 GN=DDB1	Pe=1	SV=1	DDB1_HUMAN	DDB1	127 kDa	5	5	7	3	13	10	16	20	9	8	11	8
283	Hydroxacylglythione hydrolase, mitochondrial	OX=Homo sapiens OX=9606 GN=HAGH	Pe=1	SV=2	GLO2_HUMAN	HAGH	34 kDa	14	13	12	11	9	11	12	11	15	15	7	9
284	L-lactate dehydrogenase B chain	OX=Homo sapiens OX=9606 GN=LDHB	Pe=1	SV=2	LDHB_HUMAN	LDHB	37 kDa	10	8	11	8	14	15	12	14	8	8	10	10
285	Ras-related protein Rab-28	OX=Homo sapiens OX=9606 GN=RAB28	Pe=1	SV=1	RAB28_HUMAN	RAB28	24 kDa	13	10	11	16	13	16	12	9	10	6	10	13
286	Multidrug resistance-associated protein 5	OX=Homo sapiens OX=9606 GN=ABCC5	Pe=1	SV=2	MRP5_HUMAN	ABCC5	161 kDa	11	12	14	14	14	13	15	9	8	11	9	14
287	ATP-binding cassette sub-family E member 1	OX=Homo sapiens OX=9606 GN=ABCE1	Pe=1	SV=1	ABCE1_HUMAN	ABCE1	102 kDa	10	8	16	12	12	10	10	10	11	10	7	7
288	Phosphoglycerate kinase 1	OX=Homo sapiens OX=9606 GN=PGK1	Pe=1	SV=3	PGK1_HUMAN	PGK1	45 kDa	3	10	13	12	12	12	3	15	17	18	12	16
289	Thioredoxin domain-containing protein 5	OX=Homo sapiens OX=9606 GN=TXNDC5	Pe=1	SV=2	TXNDC5_HUMAN	TXNDC5	48 kDa	6	9	10	8	11	10	19	13	15	15	16	13
290	Phospholipid hydroperoxide glutathione peroxidase	OX=Homo sapiens OX=9606 GN=GPX4	Pe=1	SV=3	GPX4_HUMAN	GPX4	22 kDa	10	5	10	7	8	10	10	8	8	8	8	14
291	Exportin-7	OX=Homo sapiens OX=9606 GN=XPO7	Pe=1	SV=3	XPO7_HUMAN	XPO7	124 kDa	8	13	7	7	18	17	9	18	6	6	14	11
292	Glucosidase 2 subunit beta	OX=Homo sapiens OX=9606 GN=PRKCSH	Pe=1	SV=2	GLU2B_HUMAN	PRKCSH	59 kDa	5	6	8	7	8	8	15	17	14	15	15	16
293	Band 4.1-like protein 2	OX=Homo sapiens OX=9606 GN=EPB41L2	Pe=1	SV=1	EPB41L2_HUMAN	EPB41L2	113 kDa	11	8	6	9	9	7	9	7	11	12	6	9
294	Syntaxin-4	OX=Homo sapiens OX=9606 GN=STX4	Pe=1	SV=2	STX4_HUMAN	STX4	34 kDa	11	9	8	7	9	9	15	14	14	13	15	12
295	E3 ubiquitin-protein ligase RNF123	OX=Homo sapiens OX=9606 GN=RNF123	Pe=1	SV=1	RNF123_HUMAN	RNF123	149 kDa	7	11	9	3	19	14	13	20	8	6	11	17
296	Staphylococcal nuclease domain-containing protein 1	OX=Homo sapiens OX=9606 GN=SNZD1	Pe=1	SV=1	SNZD1_HUMAN	SNZD1	102 kDa	14	12	21	17	21	18	3	9	0	0	0	0
297	Serine/threonine-protein kinase OXSR1	OX=Homo sapiens OX=9606 GN=OXSR1	Pe=1	SV=1	OXSR1_HUMAN	OXSR1	58 kDa	9	13	8	7	16	14	4	11	9	10	12	12
298	CD44 antigen	OX=Homo sapiens OX=9606 GN=CD44	Pe=1	SV=3	CD44_HUMAN	CD44	82 kDa	12	6	6	13	5	8	15	9	11	10	11	14
299	EH domain-binding protein 1-like protein 1	OX=Homo sapiens OX=9606 GN=EHBPL1	Pe=1	SV=2	EH1L1_HUMAN	EHBPL1	162 kDa	4	11	10	12	11	5	11	18	10	9	11	9
300	Nucleosome assembly protein 1-like 1	OX=Homo sapiens OX=9606 GN=NAP1L1	Pe=1	SV=1	NP1L1_HUMAN	NAP1L1	45 kDa	16	19	15	16	15	18	13	19	14	14	16	14
301	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	OX=Homo sapiens OX=9606 GN=HACD3	Pe=1	SV=2	HACD3_HUMAN	HACD3	43 kDa	8	11	8	9	9	5	13	10	13	11	11	13
302	Pyrrrole-5-carboxylate reductase 3	OX=Homo sapiens OX=9606 GN=PYCR3	Pe=1	SV=3	PSCR3_HUMAN	PYCR3	29 kDa	8	10	11	10	15	17	7	9	12	13	7	14
303	Small membrane A-kinase anchor protein	OX=Homo sapiens OX=9606 GN=Czorf88	Pe=1	SV=2	SMAKA_HUMAN	Czorf88	11 kDa	14	13	13	10	9	8	11	11	10	9	10	8
304	V-type proton ATPase catalytic subunit A	OX=Homo sapiens OX=9606 GN=ATP6V1A	Pe=1	SV=2	VATA_HUMAN	ATP6V1A	68 kDa	8	13	11	8	13	17	9	10	10	11	10	10
305	Alpha-soluble NSF attachment protein	OX=Homo sapiens OX=9606 GN=NAPA	Pe=1	SV=3	SNAP_HUMAN	NAPA	33 kDa	5	11	10	15	16	15	8	11	7	9	9	11
306	RuvB-like 1	OX=Homo sapiens OX=9606 GN=RUVBL1	Pe=1	SV=1	RUVBL1_HUMAN	RUVBL1	50 kDa	13	10	13	8	16	15	7	7	6	5	12	9
307	Phenylalanine-tRNA ligase beta subunit	OX=Homo sapiens OX=9606 GN=FAFSB	Pe=1	SV=3	SYFB_HUMAN	FAFSB	66 kDa	13	12	16	16	17	15	4	4	0	2	0	8
308	V-type proton ATPase 116 kDa subunit a isoform 1	OX=Homo sapiens OX=9606 GN=ATP6V0A1	Pe=1	SV=3	VPP1_HUMAN	ATP6V0A1	96 kDa	6	4	6	2	0	5	12	14	18	16	19	11
309	Calcium-binding protein 39	OX=Homo sapiens OX=9606 GN=CA839	Pe=1	SV=1	CA839_HUMAN	CA839	40 kDa	5	9	7	10	8	5	8	10	8	10	6	9
310	V-type proton ATPase subunit B, brain isoform	OX=Homo sapiens OX=9606 GN=ATP6V1B2	Pe=1	SV=3	VATB2_HUMAN	ATP6V1B2	57 kDa	11	14	9	10	13	10	14	13	7	5	12	9
311	Hemoglobin subunit gamma-2	OX=Homo sapiens OX=9606 GN=HBG2	Pe=1	SV=2	HBG2_HUMAN	HBG2	16 kDa	15	18	13	16	14	14	24	21	25	18	13	13
312	AP-2 complex subunit sigma	OX=Homo sapiens OX=9606 GN=AP2S1	Pe=1	SV=2	AP2S1_HUMAN	AP2S1	17 kDa	9	11	11	12	12	13	8	12	7	8	6	7
313	RNA 3'-terminal phosphate cyclase	OX=Homo sapiens OX=9606 GN=RTCA	Pe=1	SV=1	RTCA_HUMAN	RTCA	39 kDa	9	10	10	9	10	10	6	8	9	9	7	12
314	Diacylglycerol kinase alpha	OX=Homo sapiens OX=9606 GN=DGKA	Pe=1	SV=3	DGKA_HUMAN	DGKA	83 kDa	0	5	8	9	10	7	4	9	8	10	14	11
315	Protein DDH1 homolog 2	OX=Homo sapiens OX=9606 GN=DDH2	Pe=1	SV=1	DDH2_HUMAN	DDH2	45 kDa	12	14	10	9	11	11	12	14	11	10	11	11
316	Perilipin-3	OX=Homo sapiens OX=9606 GN=PLIN3	Pe=1	SV=3	PLIN3_HUMAN	PLIN3	47 kDa	3	8	6	7	6	14	6	8	10	13	16	10
317	Reticulon-3	OX=Homo sapiens OX=9606 GN=RTN3	Pe=1	SV=2	RTN3_HUMAN	RTN3	113 kDa	14	6	11	16	14	12	9	9	12	10	8	12
318	Retinal dehydrogenase 1	OX=Homo sapiens OX=9606 GN=ALDH1A1	Pe=1	SV=2	ALDH1A1_HUMAN	ALDH1A1	55 kDa	6	7	6	4	13	10	18	19	7	7	13	8
319	Protein VAC14 homolog	OX=Homo sapiens OX=9606 GN=VAC14	Pe=1	SV=1	VAC14_HUMAN	VAC14	88 kDa	2	6	10	8	11	11	6	9	6	12	14	17
320	Saccharopine dehydrogenase-like oxidoreductase	OX=Homo sapiens OX=9606 GN=SCCPDH	Pe=1	SV=1	SCCPDH_HUMAN	SCCPDH	47 kDa	10	11	7	8	6	11	8	10	11	15	14	12
321	Reticulon-4	OX=Homo sapiens OX=9606 GN=RTM4	Pe=1	SV=2	RTM4_HUMAN	RTM4	130 kDa	13	14	14	12	16	16	8	7	6	7	8	5
322	STE20-related kinase adapter protein beta	OX=Homo sapiens OX=9606 GN=STRADB	Pe=1	SV=1	STRAB_HUMAN	STRADB	47 kDa	6	7	6	6	12	6	15	8	12	11	10	11
323	Transmembrane emp24 domain-containing protein 10	OX=Homo sapiens OX=9606 GN=TMED10	Pe=1	SV=2	TMED10_HUMAN	TMED10	10 kDa	10	8	9	11	10	10	9	12	12	12	9	9
324	Calpain small subunit 1	OX=Homo sapiens OX=9606 GN=CAPNS1	Pe=1	SV=1	CPNS1_HUMAN	CAPNS1	28 kDa	9	9	10	10	13	9	7	8	5	5	7	11
325	Ras-related protein Rab-18	OX=Homo sapiens OX=9606 GN=RAB18	Pe=1	SV=1	RAB18_HUMAN	RAB18	23 kDa	9	9	9	11	6	8	11	12	7	7	14	8
326	E3 ubiquitin-protein ligase KCMF1	OX=Homo sapiens OX=9606 GN=KCMF1	Pe=1	SV=2	KCMF1_HUMAN	KCMF1	42 kDa	4	10	12	8	9	8	10	10	11	15	12	11
327	Transcriptional activator protein Pur-alpha	OX=Homo sapiens OX=9606 GN=PURA	Pe=1	SV=2	PURA_HUMAN	PURA	35 kDa	10	13	9	11	10	13	11	13	8	12	14	9
328	Vesicle-associated membrane protein-associated protein 8/C	OX=Homo sapiens OX=9606 GN=VAPB	Pe=1	SV=3	VAPB_HUMAN	VAPB	27 kDa	10	18	13	13	10	11	9	10	11	10	15	12
329	Solute carrier family 2, facilitated glucose transporter member 14	OX=Homo sapiens OX=9606 GN=SLC2A14	Pe=2	SV=1	GTR14_HUMAN	SLC2A14	56 kDa	6	4	7	6	8	5	11	6	11	9	6	11
330	Heat shock protein beta-1	OX=Homo sapiens OX=9606 GN=HSPB1	Pe=1	SV=2	HSPB1_HUMAN	HSPB1	23 kDa	8	15	14	12	15	16	5	6	7	6	5	5
331	COP9 signalosome complex subunit 6	OX=Homo sapiens OX=9606 GN=COP56	Pe=1	SV=1	CSN6_HUMAN	COP56	36 kDa	6	3	7	8	11	6	15	16	7	6	8	7
332	Phenylalanine-tRNA ligase alpha subunit	OX=Homo sapiens OX=9606 GN=FAFSA	Pe=1	SV=3	SYFA_HUMAN	FAFSA	58 kDa	11	8	13	16	11	14	6	2	3	4	6	6
333	Leucine-rich repeat-containing protein 57	OX=Homo sapiens OX=9606 GN=LRRCS7	Pe=1	SV=1	LRC57_HUMAN	LRRCS7	27 kDa	7	9	6	9	7	5	9	8	6	5	3	6
334	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1	OX=Homo sapiens OX=9606 GN=ASAP1	Pe=1	SV=4	ASAP1_HUMAN	ASAP1	126 kDa	8	9	10	9	13	10	2	7	3	7	6	5
335	Annexin A11	OX=Homo sapiens OX=9606 GN=ANXA11	Pe=1	SV=1	ANXA11_HUMAN	ANXA11	54 kDa	5	6	6	9	9	7	11	10	9	7	8	9
336	GMP reductase 1	OX=Homo sapiens OX=9606 GN=GMPPR	Pe=1	SV=1	GMPPR_HUMAN	GMPPR	37 kDa	12	12	9	10	12	11	9	9	9	7	10	11
337	Large neutral amino acids transporter small subunit 3	OX=Homo sapiens OX=9606 GN=SLC43A1	Pe=1	SV=1	LAT3_HUMAN	SLC43A1	61 kDa	10	11	8	10	10	6	13	14	9	9	11	8
338	Phosphatidate phosphatase LPIN2	OX=Homo sapiens OX=9606 GN=LPIN2	Pe=1	SV=1	LPIN2_HUMAN	LPIN2	99 kDa	3	5	4	4	5	8	12	13	7	9	14	9
339	Solute carrier family 12 member 7	OX=Homo sapiens OX=9606 GN=SLC12A7	Pe=1	SV=3	S12A7_HUMAN	SLC12A7	119 kDa	12	8	9	7	8	2	11	3	5	7	6	6
340	Adenylyltransferase	OX=Homo sapiens OX=9606 GN=ADSL	Pe=1	SV=2	PURB_HUMAN	ADSL	55 kDa	3	6	7	16	14	3	13	5	7	8	10	7
341	Large neutral amino acids transporter small subunit 4	OX=Homo sapiens OX=9606 GN=SLC43A2	Pe=1	SV=1	LAT4_HUMAN	SLC43A2	63 kDa	7	5	5	6	6	6	7	6	6	7	9	10
342	Protein ERGIC-53	OX=Homo sapiens OX=9606 GN=LMAN1	Pe=1	SV=2	LMAN1_HUMAN	LMAN1	58 kDa	10	9	11	10	11	7	11	7	5	11	9	7
343	Methyllysine synthase	OX=Homo sapiens OX=9606 GN=WDOR7	Pe=1	SV=1	WDR77_HUMAN	MEP50	37 kDa	5	9	7	8	14	7	5	8	4	4	11	9
344	Leukocyte surface antigen CD47	OX=Homo sapiens OX=9606 GN=CD47	Pe=1	SV=1	CD47_HUMAN	CD47	35 k												

365	GTP-binding nuclear protein Ran OS=Homo sapiens OX=9606 GN=GAN PE=1 SV=3	RAN_HUMAN	RAN	24 kDa	9	6	10	7	13	11	5	8	7	7	9	10
366	Calcium and integrin-binding protein 1 OS=Homo sapiens OX=9606 GN=CIB1 PE=1 SV=4	CIB1_HUMAN	CIB1	22 kDa	3	8	6	7	5	6	10	11	9	9	8	9
367	CD59 glycoprotein OS=Homo sapiens OX=9606 GN=CD59 PE=1 SV=1	CD59_HUMAN	CD59	14 kDa	6	4	7	7	6	4	8	9	11	8	7	7
368	Lymphocyte function-associated antigen 3 OS=Homo sapiens OX=9606 GN=CD58 PE=1 SV=1	LFA3_HUMAN	CD58	28 kDa	11	9	9	8	9	7	8	11	10	7	10	7
369	Vasodilator-stimulated phosphoprotein OS=Homo sapiens OX=9606 GN=VASP PE=1 SV=3	VASP_HUMAN	VASP	40 kDa	6	6	7	7	8	7	10	8	7	6	4	7
370	Extended synaptotagmin-1 OS=Homo sapiens OX=9606 GN=ESYT1 PE=1 SV=1	ESYT1_HUMAN	ESYT1	123 kDa	6	4	8	3	4	7	11	7	12	12	7	9
371	Transmembrane emp24 domain-containing protein 2 OS=Homo sapiens OX=9606 GN=TMED2 PE=1 SV=1	TMED2_HUMAN	TMED2	23 kDa	12	7	8	8	9	5	12	9	9	9	8	5
372	14-3-3 protein zeta/delta OS=Homo sapiens OX=9606 GN=YWHAZ PE=1 SV=1	YWHAZ_HUMAN	1433Z_HUMAN	28 kDa	10	15	13	9	12	9	18	18	19	15	16	15
373	MAGUK p55 subfamily member 6 OS=Homo sapiens OX=9606 GN=MPPE PE=1 SV=2	MPPE_HUMAN	MPP6	61 kDa	6	3	4	6	3	3	11	9	5	7	5	8
374	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A OS=Homo sapiens OX=9606 GN=ANKRD28 PE=1 SV=5	ANKRD28_HUMAN	ANKRD28	113 kDa	8	6	8	8	9	12	3	8	0	4	6	7
375	F-box only protein 7 OS=Homo sapiens OX=9606 GN=FBXO7 PE=1 SV=1	FBXO7_HUMAN	FBXO7	59 kDa	6	5	5	0	7	7	10	7	6	4	4	4
376	Large proline-rich protein BAG6 OS=Homo sapiens OX=9606 GN=BAG6 PE=1 SV=2	BAG6_HUMAN	BAG6	119 kDa	6	10	10	18	15	15	0	0	0	0	2	0
377	Chitinase domain-containing protein 1 OS=Homo sapiens OX=9606 GN=CHD1 PE=1 SV=1	CHD1_HUMAN	CHD1	45 kDa	2	7	5	7	3	4	9	7	9	6	6	9
378	Phospholipid scramblase 1 OS=Homo sapiens OX=9606 GN=PLSCR1 PE=1 SV=1	PLSCR1_HUMAN	PLSCR1	35 kDa	6	10	9	7	8	4	7	8	8	9	9	9
379	Receptor expression-enhancing protein 5 OS=Homo sapiens OX=9606 GN=REEP5 PE=1 SV=3	REEP5_HUMAN	REEP5	21 kDa	9	8	9	8	7	8	7	10	8	10	4	5
380	Peptidyl prolyl cis-trans isomerase NIMA-interacting 4 OS=Homo sapiens OX=9606 GN=PIN4 PE=1 SV=1	PIN4_HUMAN	PIN4	14 kDa	9	7	8	11	7	11	3	6	6	6	3	6
381	Galectin-9 OS=Homo sapiens OX=9606 GN=LGALS9 PE=1 SV=2	LGALS9_HUMAN	LGALS9	40 kDa	4	6	8	6	9	6	7	11	12	10	11	11
382	Ubiquitin carboxyl-terminal hydrolase 5 OS=Homo sapiens OX=9606 GN=USP5 PE=1 SV=2	USP5_HUMAN	USP5	96 kDa	6	4	7	3	9	5	9	11	3	3	6	10
383	Serine hydroxymethyltransferase, cytosolic OS=Homo sapiens OX=9606 GN=SHMT1 PE=1 SV=1	SHMT1_HUMAN	SHMT1	53 kDa	13	8	11	10	5	8	7	7	9	5	7	4
384	Membrane-associated progesterone receptor component 2 OS=Homo sapiens OX=9606 GN=PGRM2 PE=1 SV=1	PGRM2_HUMAN	PGRM2	24 kDa	5	7	9	6	8	5	8	11	9	8	7	8
385	Vesicle transport protein SEC20 OS=Homo sapiens OX=9606 GN=BNIP1 PE=1 SV=3	SEC20_HUMAN	BNIP1	26 kDa	8	5	8	4	7	6	8	5	5	7	3	4
386	Synaptosomal-associated protein 23 OS=Homo sapiens OX=9606 GN=SNAP23 PE=1 SV=1	SNP23_HUMAN	SNAP23	23 kDa	5	5	6	7	6	3	10	10	9	10	10	6
387	Neuroblastoma-amplified sequence OS=Homo sapiens OX=9606 GN=NBAS PE=1 SV=2	NBAS_HUMAN	NBAS	269 kDa	9	9	9	11	7	10	5	3	3	5	4	4
388	Transmembrane and collagen-binding protein 2 OS=Homo sapiens OX=9606 GN=TM2C2 PE=1 SV=3	TM2C2_HUMAN	TM2C2	77 kDa	8	8	6	5	11	7	6	9	10	6	6	6
389	Proliferation-associated protein 2G4 OS=Homo sapiens OX=9606 GN=PA2G4 PE=1 SV=3	PA2G4_HUMAN	PA2G4	44 kDa	4	4	7	10	14	8	3	4	3	3	2	7
390	Interferon-induced protein with tetratricopeptide repeats 5 OS=Homo sapiens OX=9606 GN=IFIT5 PE=1 SV=1	IFIT5_HUMAN	IFIT5	56 kDa	4	6	6	5	3	8	5	9	7	9	8	10
391	Transmembrane 9 superfamily member 3 OS=Homo sapiens OX=9606 GN=TM9SF3 PE=1 SV=2	TM9SF3_HUMAN	TM9SF3	68 kDa	8	7	12	11	10	9	5	6	6	7	5	4
392	Endoplasmic reticulum resident protein 29 OS=Homo sapiens OX=9606 GN=ERP29 PE=1 SV=4	ERP29_HUMAN	ERP29	29 kDa	4	5	5	4	4	5	12	9	12	8	10	7
393	Metallo-beta-lactamase domain-containing protein 2 OS=Homo sapiens OX=9606 GN=MBLAC2 PE=1 SV=3	MBLAC2_HUMAN	MBLAC2	31 kDa	6	7	7	6	7	5	9	7	11	8	9	9
394	Protein lifeguard 3 OS=Homo sapiens OX=9606 GN=TM6IM1 PE=1 SV=2	TM6IM1_HUMAN	LFG3	35 kDa	10	5	6	7	8	7	9	6	7	7	7	8
395	Eukaryotic translation initiation factor 2 subunit 3 OS=Homo sapiens OX=9606 GN=EIF253 PE=1 SV=3	IF2G_HUMAN	EIF253	51 kDa	5	7	8	8	8	8	7	8	4	5	9	9
396	Obg-like ATPase 1 OS=Homo sapiens OX=9606 GN=OLA1 PE=1 SV=2	OLA1_HUMAN	OLA1	45 kDa	6	8	5	3	6	5	3	3	5	0	0	4
397	Eukaryotic translation initiation factor 2 subunit 1 OS=Homo sapiens OX=9606 GN=EIF251 PE=1 SV=3	IF2A_HUMAN	EIF251	47 kDa	3	8	8	7	8	8	4	5	0	4	10	5
398	Ras-related protein Ral-A OS=Homo sapiens OX=9606 GN=RALA PE=1 SV=1	RALA_HUMAN	RALA	24 kDa	6	3	5	5	6	4	4	4	7	3	3	5
399	Tyrosine-protein kinase SYK OS=Homo sapiens OX=9606 GN=SYK PE=1 SV=1	SYK_HUMAN	SYK	72 kDa	4	3	5	5	4	5	2	6	6	10	6	8
400	Myosin light polypeptide 6 OS=Homo sapiens OX=9606 GN=MYL6 PE=1 SV=2	MYL6_HUMAN	MYL6	17 kDa	5	12	8	11	11	11	4	4	3	4	8	5
401	Endoplasmic reticulum-Golgi intermediate compartment protein 1 OS=Homo sapiens OX=9606 GN=ERGIC1 PE=1 SV=1	ERGIC1_HUMAN	ERGIC1	33 kDa	5	5	7	7	6	5	9	0	6	4	5	6
402	Multifunctional protein ADE2 OS=Homo sapiens OX=9606 GN=PAICS PE=1 SV=3	PUR6_HUMAN	PAICS	47 kDa	3	0	2	2	2	6	11	7	4	5	6	12
403	Thioredoxin-related transmembrane protein 4 OS=Homo sapiens OX=9606 GN=TMX4 PE=1 SV=1	TMX4_HUMAN	TMX4	39 kDa	3	7	7	0	6	6	10	10	11	7	8	7
404	Programmed cell death protein 6 OS=Homo sapiens OX=9606 GN=PODC6 PE=1 SV=1	PODC6_HUMAN	PODC6	22 kDa	0	4	4	5	5	5	6	8	8	8	7	5
405	Clastrin light chain A OS=Homo sapiens OX=9606 GN=CLTA PE=1 SV=1	CLTA_HUMAN	CLTA	27 kDa	0	5	2	0	5	5	2	3	3	3	4	3
406	Immunoglobulin heavy constant alpha 1 OS=Homo sapiens OX=9606 GN=IGHA1 PE=1 SV=2	IGHA1_HUMAN	IGHA1	38 kDa	9	8	6	4	7	5	7	4	7	4	12	7
407	COP9 signalosome complex subunit 8 OS=Homo sapiens OX=9606 GN=COP8 PE=1 SV=1	CSN8_HUMAN	COP8	23 kDa	3	6	5	3	9	4	3	9	6	6	6	4
408	Nuclear receptor-binding protein OS=Homo sapiens OX=9606 GN=NRBP1 PE=1 SV=1	NRBP1_HUMAN	NRBP1	60 kDa	5	8	5	5	7	6	0	7	2	4	5	3
409	Ras-related protein Rab-5B OS=Homo sapiens OX=9606 GN=RAB5B PE=1 SV=1	RAB5B_HUMAN	RAB5B	24 kDa	9	14	15	16	15	14	17	17	15	15	12	15
410	14-3-3 protein gamma OS=Homo sapiens OX=9606 GN=YWHAG PE=1 SV=2	YWHAG_HUMAN	1433G_HUMAN	28 kDa	11	11	15	8	13	14	13	15	12	11	12	11
411	Microtubule-associated protein RP/EB family member 1 OS=Homo sapiens OX=9606 GN=MAPRE1 PE=1 SV=3	MAPRE1_HUMAN	MAPRE1	30 kDa	4	6	5	5	6	4	3	4	4	3	2	3
412	Transmembrane emp24 domain-containing protein 9 OS=Homo sapiens OX=9606 GN=TMED9 PE=1 SV=2	TMED9_HUMAN	TMED9	27 kDa	3	7	4	5	4	5	4	3	4	5	5	4
413	ADP-ribosylation factor 6 OS=Homo sapiens OX=9606 GN=ARF6 PE=1 SV=2	ARF6_HUMAN	ARF6	20 kDa	6	6	6	6	8	5	6	4	6	7	7	5
414	Centromere/kinetochore protein zw10 homolog OS=Homo sapiens OX=9606 GN=ZW10 PE=1 SV=3	ZW10_HUMAN	ZW10	89 kDa	3	7	4	5	4	8	4	4	0	4	8	3
415	Transmembrane protein 56 OS=Homo sapiens OX=9606 GN=TM56 PE=1 SV=1	TM56_HUMAN	TM56	30 kDa	3	8	3	6	4	8	4	4	6	7	3	6
416	Transmembrane channel-like protein 8 OS=Homo sapiens OX=9606 GN=TM2C8 PE=1 SV=1	TM2C8_HUMAN	TM2C8	82 kDa	5	3	8	6	4	6	7	5	4	5	6	5
417	Retinoic acid receptor responder protein 2 OS=Homo sapiens OX=9606 GN=RARRS2 PE=1 SV=1	RARRS2_HUMAN	RARRS2	19 kDa	4	6	3	8	5	6	7	9	8	6	5	6
418	Guanine nucleotide-binding protein subunit alpha-11 OS=Homo sapiens OX=9606 GN=GNA11 PE=1 SV=2	GNA11_HUMAN	GNA11	42 kDa	7	8	8	9	10	13	10	12	14	9	14	15
419	Nectin-1 OS=Homo sapiens OX=9606 GN=NECTIN1 PE=1 SV=3	NECTIN1_HUMAN	NECTIN1	57 kDa	5	3	2	3	3	3	8	8	6	9	11	10
420	Serine/threonine-protein phosphatase 6 regulatory subunit 3 OS=Homo sapiens OX=9606 GN=PPP6R3 PE=1 SV=2	PPP6R3_HUMAN	PPP6R3	98 kDa	4	8	0	0	4	6	6	5	10	3	4	6
421	Atypical chemokine receptor 1 OS=Homo sapiens OX=9606 GN=ACKR1 PE=1 SV=3	ACKR1_HUMAN	ACKR1	36 kDa	0	0	0	0	0	0	0	0	0	7	0	0
422	Purine nucleoside phosphorylase OS=Homo sapiens OX=9606 GN=PNP PE=1 SV=2	PNP_HUMAN	PNP	32 kDa	4	3	0	0	10	2	12	9	6	4	4	7
423	Ras-related protein Rab-1A OS=Homo sapiens OX=9606 GN=RAB1A PE=1 SV=3	RAB1A_HUMAN	RAB1A	23 kDa	8	10	11	15	11	12	9	12	9	9	14	6
424	Adipocyte plasma membrane-associated protein OS=Homo sapiens OX=9606 GN=APMAP PE=1 SV=2	APMAP_HUMAN	APMAP	46 kDa	5	2	6	3	3	5	7	6	7	3	5	8
425	Mannose 6-phospholch utilization defect 1 protein OS=Homo sapiens OX=9606 GN=MPDU1 PE=1 SV=2	MPDU1_HUMAN	MPDU1	27 kDa	0	5	4	4	4	3	4	0	5	4	5	6
426	14-3-3 protein beta/alpha OS=Homo sapiens OX=9606 GN=YWHAB PE=1 SV=3	1433B_HUMAN	YWHAB	28 kDa	13	14	14	11	16	11	16	17	16	15	13	14
427	ATP-binding cassette sub-family A member 7 OS=Homo sapiens OX=9606 GN=ABCA7 PE=1 SV=3	ABCA7_HUMAN	ABCA7	234 kDa	4	3	2	2	2	3	12	4	10	7	6	10
428	Protein-glutamine gamma-glutamyltransferase 2 OS=Homo sapiens OX=9606 GN=TGM2 PE=1 SV=2	TGM2_HUMAN	TGM2	77 kDa	3	3	2	2	9	5	8	6	5	2	3	7
429	Keratin, type I cytoskeletal 14 OS=Homo sapiens OX=9606 GN=KRT14 PE=1 SV=4	KRT14_HUMAN	KRT14	52 kDa	5	5	5	4	5	4	9	9	0	7	6	5
430	Actin-related protein 10 OS=Homo sapiens OX=9606 GN=ACTR10 PE=1 SV=1	ARP10_HUMAN	ACTR10	46 kDa	4	5	4	7	4	5	5	5	4	6	5	4
431	Tropomyosin alpha-1 chain OS=Homo sapiens OX=9606 GN=TPM1 PE=1 SV=2	TPM1_HUMAN	TPM1	33 kDa	19	22	20	21	19	18	27	23	23	25	19	20
432	Vesicle trafficking sorting-associated protein 45 OS=Homo sapiens OX=9606 GN=VPS45 PE=1 SV=1	VPS45_HUMAN	VPS45	15 kDa	3	5	4	7	3	6	7	4	6	6	5	4
433	Vesicle transport protein GOLTB8 OS=Homo sapiens OX=9606 GN=GOLTB8 PE=1 SV=1	GOLTB8_HUMAN	GOLTB8	35 kDa	5	5	8	5	7	3	4	6	6	7	6	6
434	Lysophospholipid acyltransferase 2 OS=Homo sapiens OX=9606 GN=MBOT2 PE=2 SV=2	MBOT2_HUMAN	MBOT2	60 kDa	6	0	4	5	2	0	3	3	6	4	4	5
435	Protein GUCD1 OS=Homo sapiens OX=9606 GN=GUCD1 PE=1 SV=2	GUCD1_HUMAN	GUCD1	27 kDa	4	3	5	3	4	4	7	6	7	6	8	7
436	Ras-related protein Rab-14 OS=Homo sapiens OX=9606 GN=RAB14 PE=1 SV=4	RAB14_HUMAN	RAB14	24 kDa	11	7	9	11	11	11	7	0	4	4	6	3
437	Casein kinase I isoform gamma-3 OS=Homo sapiens OX=9606 GN=CSNK1G3 PE=1 SV=2	KC1G3_HUMAN	CSNK1G3	51 kDa	3	3	5	0	0	2	6	4	3	5	4	2
438	Guanine nucleotide-binding protein subunit beta-4 OS=Homo sapiens OX=9606 GN=GNB4 PE=1 SV=3	GNB4_HUMAN	GNB4	38 kDa	21	14	18	19	20	15	16	18	17	20	22	21
439	COP9 signalosome complex subunit 7a OS=Homo sapiens OX=9606 GN=COP7A PE=1 SV=1	CSN7A_HUMAN	COP7A	30 kDa	2	7	6	3	7	7	4	4	4	5	11	7
440	COP9 signalosome complex subunit 7b OS=Homo sapiens OX=9606 GN=COP7B PE=1 SV=1	CSN7B_HUMAN	COP7B	30 kDa	4	5	8	7	4	5	3	6	4	4	0	5
441	Ubiquitin-containing protein 1 OS=Homo sapiens OX=9606 GN=UBAC1 PE=1 SV=1	UBAC1_HUMAN	UBAC1	45 kDa	3	2	4	2	7	3	5	4	3	5	6	6
442	Uncharacterized protein Clorf198 OS=Homo sapiens OX=9606 GN=Clorf198 PE=1 SV=1	C1orf198_HUMAN	Clorf198	36 kDa	5	5	6	5	7	3	3	4	5	3	5	5
443	Methanethiol oxidase OS=Homo sapiens OX=9606 GN=SELENBP1 PE=1 SV=2	SBP1_HUMAN	SELENBP1	52 kDa	4	2	5	6	6	8	3	3	5	4	0	2
444	Cullin-3 OS=Homo sapiens OX=9606 GN=CUL3 PE=1 SV=2	CUL3_HUMAN	CUL3	89 kDa	0	2	4	6	13	9	0	5	0	2	0	6
445	Atlastin-2 OS=Homo sapiens OX=9606 GN=ATL2 PE=1 SV=2	ATL2_HUMAN	ATL2	66 kDa	6	7	7	10	6	6	6	4	4	5	3	8
446	Ras-related protein Rap-1b OS=Homo sapiens															

457	CSC1-like protein 2 OS=Homo sapiens OX=9606 GN=TMEM63B PE=1 SV=1	CSC12_HUMAN	TMEM63B	95 kDa	0	0	0	0	0	0	7	5	3	7	5	5
458	F-actin-capping protein subunit alpha-2 OS=Homo sapiens OX=9606 GN=CAPZA2 PE=1 SV=3	CAPZA2_HUMAN	CAPZA2	33 kDa	6	3	4	2	4	6	4	6	4	3	4	7
459	Dynactin subunit 4 OS=Homo sapiens OX=9606 GN=DCTN4 PE=1 SV=1	DCTN4_HUMAN	DCTN4	52 kDa	0	6	2	4	5	6	2	4	4	4	0	4
460	Zinc finger ZZ-type and EF-hand domain-containing protein 1 OS=Homo sapiens OX=9606 GN=ZEF1 PE=1 SV=6	ZEF1_HUMAN	ZEF1	331 kDa	0	7	4	3	6	7	0	4	2	0	2	2
461	Phosphoribosyl pyrophosphate synthase-associated protein 1 OS=Homo sapiens OX=9606 GN=PPPSAP1 PE=1 SV=2	PPPSAP1_HUMAN	PPPSAP1	39 kDa	8	10	9	9	10	10	9	10	10	11	11	10
462	Histone-arginine methyltransferase OX=Homo sapiens OX=9606 GN=PRPSAP1 PE=1 SV=3	CARM1_HUMAN	CARM1	66 kDa	0	6	0	0	5	4	0	4	0	0	6	3
463	Catechol O-methyltransferase OS=Homo sapiens OX=9606 GN=COMT PE=1 SV=2	COMT_HUMAN	COMT	30 kDa	0	0	4	0	0	5	5	5	5	5	6	7
464	MICAL-like protein 2 OS=Homo sapiens OX=9606 GN=MICAL2 PE=1 SV=1	MICAL2_HUMAN	MICAL2	98 kDa	0	2	3	0	3	2	5	3	4	4	6	4
465	Ras-related protein Rab-8B OS=Homo sapiens OX=9606 GN=RAB8B PE=1 SV=2	RAB8B_HUMAN	RAB8B	24 kDa	17	16	14	23	20	18	19	25	18	18	21	15
466	Charged multivesicular body protein 6 OS=Homo sapiens OX=9606 GN=CHMP6 PE=1 SV=3	CHMP6_HUMAN	CHMP6	23 kDa	5	3	5	5	0	5	4	6	4	6	4	8
467	E3 ubiquitin-protein ligase HECTD3 OS=Homo sapiens OX=9606 GN=HECTD3 PE=1 SV=1	HECTD3_HUMAN	HECTD3	97 kDa	4	6	8	6	6	11	2	3	0	2	6	4
468	Epidermal growth factor receptor substrate 15 OS=Homo sapiens OX=9606 GN=EPS15 PE=1 SV=2	EPS15_HUMAN	EPS15	99 kDa	0	6	5	0	4	2	4	7	0	0	4	6
469	Fermitin family homolog 3 OS=Homo sapiens OX=9606 GN=FERMT3 PE=1 SV=1	URP2_HUMAN	FERMT3	76 kDa	3	3	5	2	7	5	0	2	0	0	4	0
470	Carbonic anhydrase 2 OS=Homo sapiens OX=9606 GN=CA2 PE=1 SV=2	CA2_HUMAN	CA2	29 kDa	2	5	4	0	0	4	6	5	6	3	2	2
471	Golgin subfamily A member 7 OS=Homo sapiens OX=9606 GN=GGOLGA7 PE=1 SV=2	GOLGA7_HUMAN	GOLGA7	16 kDa	5	5	5	6	7	4	5	5	5	5	3	5
472	UTP-glucose-1-phosphate uridylyltransferase OS=Homo sapiens OX=9606 GN=UGP2 PE=1 SV=5	UGP2_HUMAN	UGP2	57 kDa	5	5	6	0	4	4	7	8	4	3	5	2
473	Cytochrome b5 type 8 OS=Homo sapiens OX=9606 GN=CYB5B PE=1 SV=3	CYB5B_HUMAN	CYB5B	17 kDa	5	0	3	5	3	0	6	5	7	6	3	7
474	Glutathione peroxidase 1 OS=Homo sapiens OX=9606 GN=GPX1 PE=1 SV=4	GPX1_HUMAN	GPX1	22 kDa	3	5	8	4	7	3	0	0	0	2	2	3
475	Dehydrogenase/reductase SDR family member 7B OS=Homo sapiens OX=9606 GN=DHR57B PE=1 SV=2	DHR57B_HUMAN	DHR57B	35 kDa	3	3	4	4	5	3	6	6	8	7	8	5
476	Syntaxin-2 OS=Homo sapiens OX=9606 GN=STX2 PE=1 SV=3	STX2_HUMAN	STX2	33 kDa	2	0	0	0	2	0	8	6	5	6	7	4
477	Ubiquitin carboxyl-terminal hydrolase isozyme L5 OS=Homo sapiens OX=9606 GN=UCHL5 PE=1 SV=3	UCHL5_HUMAN	UCHL5	38 kDa	3	3	0	0	3	0	4	7	3	6	8	4
478	Disco-interacting protein 2 homolog 8 OS=Homo sapiens OX=9606 GN=DIP2B PE=1 SV=3	DIP2B_HUMAN	DIP2B	171 kDa	6	4	2	0	3	0	4	3	0	4	2	0
479	Small VCP/p97-interacting protein OS=Homo sapiens OX=9606 GN=SVIP PE=1 SV=1	SVIP_HUMAN	SVIP	8 kDa	5	5	5	6	5	3	6	6	5	6	5	6
480	Thioredoxin-like protein 1 OS=Homo sapiens OX=9606 GN=TXNL1 PE=1 SV=3	TXNL1_HUMAN	TXNL1	32 kDa	0	6	4	0	4	4	3	4	4	4	4	0
481	Ubiquitin-like modifier-activating enzyme 1 OS=Homo sapiens OX=9606 GN=UBA1 PE=1 SV=3	UBA1_HUMAN	UBA1	118 kDa	4	3	3	3	7	7	6	4	0	3	3	0
482	Transmembrane protein 14C OS=Homo sapiens OX=9606 GN=TMEM14C PE=1 SV=1	TMEM14C_HUMAN	TMEM14C	12 kDa	0	4	0	4	0	3	5	4	5	4	5	4
483	SUMO-conjugating enzyme UBC9 OS=Homo sapiens OX=9606 GN=UBE2I PE=1 SV=1	UBE2I_HUMAN	UBE2I	18 kDa	4	3	3	5	0	4	0	3	4	4	3	2
484	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5 OS=Homo sapiens OX=9606 GN=GN5 PE=1 SV=3	GN5_HUMAN	GN5	7 kDa	4	3	3	4	5	5	5	5	5	2	3	5
485	ER lumen protein-retaining receptor 1 OS=Homo sapiens OX=9606 GN=KDELR1 PE=1 SV=1	ERD21_HUMAN	KDELR1	25 kDa	6	5	6	6	8	6	7	0	0	4	4	6
486	Sorting nexin-2 OS=Homo sapiens OX=9606 GN=SNX2 PE=1 SV=2	SNX2_HUMAN	SNX2	58 kDa	0	5	3	4	3	5	2	4	5	7	6	5
487	Clathrin light chain 8 OS=Homo sapiens OX=9606 GN=CLTB PE=1 SV=1	CLTB_HUMAN	CLTB	25 kDa	0	5	0	2	4	2	0	3	3	3	3	2
488	Phospholipid scramblase 4 OS=Homo sapiens OX=9606 GN=PLSCR4 PE=1 SV=2	PLSCR4_HUMAN	PLSCR4	37 kDa	5	6	3	5	3	4	5	5	9	7	4	5
489	ADP-ribosylation factor 1 OS=Homo sapiens OX=9606 GN=ARF1 PE=1 SV=2	ARF1_HUMAN	ARF1	21 kDa	3	3	5	6	5	6	3	4	3	4	5	5
490	V-type proton ATPase subunit c1 OS=Homo sapiens OX=9606 GN=ATP6V001 PE=1 SV=1	VAGD1_HUMAN	ATP6V001	40 kDa	0	3	6	2	3	3	5	5	6	7	6	6
491	Rab3 GTPase-activating protein catalytic subunit OS=Homo sapiens OX=9606 GN=RAB3GAP1 PE=1 SV=3	RAB3GAP1_HUMAN	RAB3GAP1	111 kDa	4	6	7	6	4	5	0	2	0	4	2	3
492	Glycerophosphodiester phosphodiesterase 1 OS=Homo sapiens OX=9606 GN=GDE1 PE=1 SV=1	GDE1_HUMAN	GDE1	38 kDa	0	5	5	5	3	4	3	4	4	4	4	3
493	PRA1 family protein 3 OS=Homo sapiens OX=9606 GN=ARL6IP5 PE=1 SV=1	ARL6IP5_HUMAN	ARL6IP5	22 kDa	0	5	5	5	4	4	4	4	4	4	0	4
494	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 OS=Homo sapiens OX=9606 GN=CD38 PE=1 SV=2	CD38_HUMAN	CD38	34 kDa	0	2	0	0	0	2	0	0	3	4	3	3
495	V-type proton ATPase subunit H OS=Homo sapiens OX=9606 GN=ATP6V1H PE=1 SV=1	VATH_HUMAN	ATP6V1H	56 kDa	4	0	3	0	7	2	3	5	0	0	0	0
496	Serotransferrin OS=Homo sapiens OX=9606 GN=TF PE=1 SV=3	TRFE_HUMAN	TF	47 kDa	0	0	5	4	4	4	7	3	3	0	3	3
497	Selenocysteine-specific elongation factor OS=Homo sapiens OX=9606 GN=EFSEC PE=1 SV=4	SELB_HUMAN	EFSEC	65 kDa	11	2	7	8	8	7	0	3	0	0	2	2
498	UV excision repair protein RAD23 homolog A OS=Homo sapiens OX=9606 GN=RAD23A PE=1 SV=1	RAD23A_HUMAN	RAD23A	40 kDa	3	3	3	0	6	3	7	6	0	2	2	3
499	Cytochrome b reductase 1 OS=Homo sapiens OX=9606 GN=CYBRD1 PE=1 SV=1	CYBRD1_HUMAN	CYBRD1	32 kDa	4	0	0	0	0	0	6	0	0	0	4	0
500	Rab GDP dissociation inhibitor beta OS=Homo sapiens OX=9606 GN=GDIB PE=1 SV=2	GDIB_HUMAN	GDIB	51 kDa	2	4	4	3	3	4	3	3	4	2	2	3
501	GTPase HRas OS=Homo sapiens OX=9606 GN=HRAS PE=1 SV=1	RASH_HUMAN	HRAS	21 kDa	28	26	31	28	30	23	0	30	32	30	26	32
502	AMP deaminase 3 OS=Homo sapiens OX=9606 GN=AMPD3 PE=1 SV=1	AMPD3_HUMAN	AMPD3	89 kDa	3	3	2	5	9	7	0	0	3	4	2	4
503	Nucleobindin-2 OS=Homo sapiens OX=9606 GN=NUCB2 PE=1 SV=3	NUCB2_HUMAN	NUCB2	50 kDa	6	4	5	3	2	3	3	0	2	2	0	0
504	Importin subunit alpha-7 OS=Homo sapiens OX=9606 GN=KPNA6 PE=1 SV=1	KPNA6_HUMAN	KPNA6	60 kDa	3	3	3	2	3	2	2	6	2	3	4	6
505	Aspartyl aminopeptidase OS=Homo sapiens OX=9606 GN=DNPEP PE=1 SV=1	DNPEP_HUMAN	DNPEP	52 kDa	2	3	3	4	8	7	3	5	3	0	2	2
506	Phosphatidylserine lipase ABHD16A OS=Homo sapiens OX=9606 GN=ABHD16A PE=1 SV=3	ABHD16A_HUMAN	ABHD16A	63 kDa	0	2	5	2	3	7	6	4	3	4	4	4
507	Clusterin OS=Homo sapiens OX=9606 GN=CLU PE=1 SV=1	CLUS_HUMAN	CLUS	52 kDa	4	4	0	4	4	5	4	5	4	5	6	4
508	Ras-related protein Rap-2a OS=Homo sapiens OX=9606 GN=RAP2A PE=1 SV=1	RAP2A_HUMAN	RAP2A	21 kDa	30	26	25	26	28	26	26	32	27	25	27	28
509	Phospholipase D1 OS=Homo sapiens OX=9606 GN=PLD1 PE=1 SV=1	PLD1_HUMAN	PLD1	124 kDa	0	3	3	7	3	6	2	3	7	3	3	4
510	Rab3 GTPase-activating protein non-catalytic subunit OS=Homo sapiens OX=9606 GN=RAB3GAP2 PE=1 SV=1	RAB3GAP2_HUMAN	RAB3GAP2	156 kDa	3	0	3	2	5	8	4	3	3	2	2	3
511	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 OS=Homo sapiens OX=9606 GN=RPNI PE=1 SV=1	RPNI_HUMAN	RPNI	69 kDa	4	3	8	5	4	5	3	0	3	0	3	6
512	Pyridoxal phosphate homeostasis protein OS=Homo sapiens OX=9606 GN=PLPBP PE=1 SV=1	PLPBP_HUMAN	PLPBP	30 kDa	0	3	5	4	5	6	0	2	8	5	2	9
513	Ras-related protein Rab-5A OS=Homo sapiens OX=9606 GN=RAB5A PE=1 SV=2	RAB5A_HUMAN	RAB5A	24 kDa	13	10	13	12	10	11	12	13	8	12	10	11
514	Very long-chain acyl-CoA synthetase OS=Homo sapiens OX=9606 GN=SLC27A2 PE=1 SV=2	SLC27A2_HUMAN	SLC27A2	70 kDa	3	3	5	0	2	2	5	4	5	5	6	4
515	Adenylyl cyclase-associated protein 1 OS=Homo sapiens OX=9606 GN=CAP1 PE=1 SV=5	CAP1_HUMAN	CAP1	52 kDa	0	5	0	0	2	2	4	0	2	0	0	2
516	Septin-2 OS=Homo sapiens OX=9606 GN=SEPT2 PE=1 SV=1	SEPT2_HUMAN	SEPT2	44 kDa	2	6	6	5	6	5	3	6	3	6	6	4
517	BAG family molecular chaperone regulator 2 OS=Homo sapiens OX=9606 GN=BAG2 PE=1 SV=1	BAG2_HUMAN	BAG2	24 kDa	0	0	2	0	0	0	2	4	6	7	6	7
518	Casein kinase II subunit alpha OS=Homo sapiens OX=9606 GN=CSNK2A1 PE=1 SV=1	CSNK2A1_HUMAN	CSNK2A1	45 kDa	0	0	0	0	2	0	0	0	5	4	0	0
519	Sorting nexin-22 OS=Homo sapiens OX=9606 GN=SNX22 PE=1 SV=1	SNX22_HUMAN	SNX22	22 kDa	0	3	0	0	3	2	0	0	0	0	4	0
520	Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Homo sapiens OX=9606 GN=HGS PE=1 SV=1	HGS_HUMAN	HGS	86 kDa	5	3	5	0	2	0	3	6	5	2	4	3
521	Ras-related protein Rab-1B OS=Homo sapiens OX=9606 GN=RAB1B PE=1 SV=1	RAB1B_HUMAN	RAB1B	22 kDa	0	0	0	0	0	0	0	0	0	0	17	10
522	Importin-9 OS=Homo sapiens OX=9606 GN=IPO9 PE=1 SV=3	IPO9_HUMAN	IPO9	116 kDa	2	3	5	3	4	4	0	5	4	0	2	0
523	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Homo sapiens OX=9606 GN=PPP2CB PE=1 SV=1	PPP2CB_HUMAN	PPP2CB	36 kDa	0	0	0	0	5	6	3	4	0	0	3	4
524	Tubulin alpha-1B chain OS=Homo sapiens OX=9606 GN=TUBA1B PE=1 SV=1	TUBA1B_HUMAN	TUBA1B	50 kDa	6	6	6	7	6	0	0	0	0	0	0	0
525	Retinol dehydrogenase 11 OS=Homo sapiens OX=9606 GN=RDH11 PE=1 SV=2	RDH11_HUMAN	RDH11	35 kDa	2	5	4	5	3	4	3	3	4	3	5	3
526	O-phosphoserine tRNA[Sec] selenium transferase OS=Homo sapiens OX=9606 GN=SEPSCE5 PE=1 SV=2	SPCS_HUMAN	SEPSCE5	56 kDa	0	8	5	6	6	4	0	2	2	3	4	7
527	Eukaryotic translation initiation factor 5A-1 OS=Homo sapiens OX=9606 GN=EIF5A PE=1 SV=2	IF5A1_HUMAN	EIF5A	17 kDa	0	0	4	0	3	5	0	5	6	7	2	0
528	CAD protein OS=Homo sapiens OX=9606 GN=CAD PE=1 SV=3	PYR1_HUMAN	CAD	243 kDa	0	2	2	0	5	4	0	2	0	0	0	4
529	Leucine-rich repeat-containing protein 59 OS=Homo sapiens OX=9606 GN=LRRCS9 PE=1 SV=1	LRRCS9_HUMAN	LRRCS9	35 kDa	6	2	4	4	2	5	2	0	0	0	2	0
530	Gamma-aminobutyric acid receptor-associated protein-like 1 OS=Homo sapiens OX=9606 GN=GABARAPL1 PE=1 SV=1	GBRL1_HUMAN	GABARAPL1	14 kDa	4	7	6	4	4	6	0	4	2	4	0	3
531	GTP-binding protein 1 OS=Homo sapiens OX=9606 GN=GTPBP1 PE=1 SV=3	GTPBP1_HUMAN	GTPBP1	72 kDa	0	3	3	5	4	7	2	0	0	2	2	5
532	Protein kish-A OS=Homo sapiens OX=9606 GN=TMEM167A PE=1 SV=1	KISHA_HUMAN	TMEM167A	8 kDa	0	6	0	0	0	0	5	4	0	0	0	0
533	Cathepsin F OS=Homo sapiens OX=9606 GN=CTSF PE=1 SV=3	CTSF_HUMAN	CTSF	43 kDa	0	2	0	0	5	3	2	3	2	3	2	3
534	Oral homolog subfamily C member 5 OS=Homo sapiens OX=9606 GN=DNAC5 PE=1 SV=1	DNAC5_HUMAN	DNAC5	22 kDa	0	0	0	0	0	6	3	2	0	0	3	3
535	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Homo sapiens OX=9606 GN=ATP2A2 PE=1 SV=1	AT2A2_HUMAN	ATP2A2	115 kDa	0	0	3	0	0	0	0	2	5	6	5	7
536	Elongation factor 2 OS=Homo sapiens OX=9606 GN=EEF2 PE=1 SV=4	EEF2_HUMAN	EEF2	95 kDa	0	0	2	6	8	6	0	0	0	0	2	3
537	Signal transducing adapter molecule 1 OS=Homo sapiens OX=9606 GN=STAM PE=1 SV=3	STAM1_HUMAN	STAM	59 kDa	4	3	0	0	0	2	6	4	3	5	3	3
538	Dynactin subunit 3 OS=Homo sapiens OX=9606 GN=DCTN3 PE=1 SV=1	DCTN3_HUMAN	DCTN3	21 kDa	0	0	0	0	0							

549	Hemoglobin subunit mu	OS=Homo sapiens	OX-9606	GN=HBM	Pe=1 SV=1	HBM_HUMAN	HBM	16 kDa	0	0	7	5	9	10	0	0	0	0	0	0	
550	Sodium/potassium-transporting ATPase subunit beta-3	OS=Homo sapiens	OX-9606	GN=ATP1B3	Pe=1 SV=1	AT1B3_HUMAN	ATP1B3	32 kDa	4	5	2	3	6	0	4	0	0	2	0	0	
551	Porphobilinogen deaminase	OS=Homo sapiens	OX-9606	GN=HMB5	Pe=1 SV=2	HMB5	HMB5	39 kDa	0	2	2	2	2	4	0	0	2	0	4	5	
552	Apolipoprotein A-I	OS=Homo sapiens	OX-9606	GN=APOA1	Pe=1 SV=1	APOA1_HUMAN	APOA1	31 kDa	3	4	2	4	2	4	3	4	3	3	3	2	
553	CD2-associated protein	OS=Homo sapiens	OX-9606	GN=CD2AP	Pe=1 SV=1	CD2AP_HUMAN	CD2AP	71 kDa	2	4	0	5	4	0	0	3	0	0	2	2	
554	CD99 antigen	OS=Homo sapiens	OX-9606	GN=CD99	Pe=1 SV=1	CD99_HUMAN	CD99	43 kDa	4	4	3	0	5	3	4	3	4	4	4	0	
555	Choline transporter-like protein 1	OS=Homo sapiens	OX-9606	GN=SLC44A1	Pe=1 SV=1	SLC44A1_HUMAN	SLC44A1	73 kDa	2	6	0	2	2	0	0	3	4	2	0	0	
556	Glucose-6-phosphate exchanger	SLC37A4	OS=Homo sapiens	OX-9606	GN=SLC37A4	Pe=1 SV=1	GL6PT1_HUMAN	GL6PT1	46 kDa	0	3	3	0	0	0	4	2	6	4	5	
557	PITH domain-containing protein 1	OS=Homo sapiens	OX-9606	GN=PITHD1	Pe=1 SV=1	PITH1_HUMAN	PITHD1	24 kDa	3	0	2	3	4	3	0	2	0	0	0	0	
558	Zinc finger CCHC-type antiviral protein 1	OS=Homo sapiens	OX-9606	GN=ZC3HAV1	Pe=1 SV=3	ZC3HAV1_HUMAN	ZC3HAV1	101 kDa	3	0	3	5	5	4	3	0	2	0	2	0	
559	Tubulin beta-4B chain	OS=Homo sapiens	OX-9606	GN=TUBB4B	Pe=1 SV=1	TUBB4B_HUMAN	TUBB4B	50 kDa	2	0	6	7	4	13	0	0	0	0	0	0	
560	Eukaryotic translation initiation factor 4 gamma	1	OS=Homo sapiens	OX-9606	GN=EIF4G1	Pe=1 SV=4	IF4G1_HUMAN	EIF4G1	175 kDa	0	2	3	3	6	3	0	4	0	2	3	
561	Peroxiredoxin-4	OS=Homo sapiens	OX-9606	GN=PRDX4	Pe=1 SV=1	PRDX4_HUMAN	PRDX4	31 kDa	0	3	5	0	0	0	6	0	6	4	4	3	
562	Serpin H1	OS=Homo sapiens	OX-9606	GN=SERPINH1	Pe=1 SV=2	SERP_H1_HUMAN	SERP_H1	46 kDa	3	3	3	4	3	3	4	2	2	4	3	4	
563	Mannosyl-oligosaccharide glucosidase	OS=Homo sapiens	OX-9606	GN=MOGS	Pe=1 SV=5	MOGS_HUMAN	MOGS	92 kDa	2	0	0	0	2	0	3	4	0	4	2	5	
564	Importin subunit alpha-1	OS=Homo sapiens	OX-9606	GN=KPNAB	Pe=1 SV=1	KPNAB_HUMAN	KPNAB	58 kDa	0	3	3	5	5	5	3	5	3	0	4	3	
565	Serine/threonine-protein kinase	STK11	OS=Homo sapiens	OX-9606	GN=STK11	Pe=1 SV=1	STK11_HUMAN	STK11	49 kDa	0	5	0	0	0	0	7	4	3	4	6	
566	MAGUK p55 subfamily member 7	OS=Homo sapiens	OX-9606	GN=MPP7	Pe=1 SV=1	MPP7_HUMAN	MPP7	66 kDa	2	0	0	0	0	0	6	5	2	3	0	2	
567	Protein RER1	OS=Homo sapiens	OX-9606	GN=RER1	Pe=1 SV=1	RER1_HUMAN	RER1	23 kDa	3	4	4	2	3	0	0	0	2	4	3	2	
568	Peroxiredoxin-6	OS=Homo sapiens	OX-9606	GN=PRDX6	Pe=1 SV=3	PRDX6_HUMAN	PRDX6	25 kDa	0	0	0	0	0	0	2	4	4	3	2	0	
569	TSC22 domain family protein 4	OS=Homo sapiens	OX-9606	GN=TSC22D4	Pe=1 SV=2	TSC22D4_HUMAN	TSC22D4	41 kDa	0	8	0	4	6	3	0	5	0	3	4	0	
570	Vacuolar protein-sorting-associated protein 25	OS=Homo sapiens	OX-9606	GN=VP525	Pe=1 SV=1	VP525_HUMAN	VP525	21 kDa	0	3	0	0	0	2	0	4	3	3	3	3	
571	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha	OS=Homo sapiens	OX-9606	GN=AGPAT1	Pe=1 SV=2	PLCA_HUMAN	AGPAT1	32 kDa	0	3	0	0	0	2	0	0	0	0	0	0	
572	Endoplasmic reticulum-Golgi intermediate compartment protein 2	OS=Homo sapiens	OX-9606	GN=ERGIC2	Pe=1 SV=2	ERG2_HUMAN	ERG2	43 kDa	5	0	3	2	0	0	3	4	0	3	4	0	
573	Dolichyl-diphosphoglycosyltransferase	subunit 2	OS=Homo sapiens	OX-9606	GN=RPK2	Pe=1 SV=3	RPK2_HUMAN	RPK2	69 kDa	0	0	0	3	0	0	2	4	5	5	3	
574	Neuroglialin	OS=Homo sapiens	OX-9606	GN=NPTN	Pe=1 SV=2	NPTN_HUMAN	NPTN	44 kDa	0	0	0	0	0	0	6	0	3	0	0	4	
575	EH domain-containing protein 1	OS=Homo sapiens	OX-9606	GN=EHD1	Pe=1 SV=2	EHD1_HUMAN	EHD1	61 kDa	0	2	4	2	3	0	0	0	0	2	3	2	
576	Protein-L-isoaspartate(D-aspartate) O-methyltransferase	OS=Homo sapiens	OX-9606	GN=PCMT1	Pe=1 SV=4	PCMT1_HUMAN	PCMT1	25 kDa	0	3	4	4	3	3	3	3	2	5	2	4	
577	Transcription elongation factor A protein 1	OS=Homo sapiens	OX-9606	GN=TCEA1	Pe=1 SV=2	TCEA1_HUMAN	TCEA1	34 kDa	0	0	2	2	3	0	0	4	5	7	4	4	
578	Y-box-binding protein 3	OS=Homo sapiens	OX-9606	GN=YBX3	Pe=1 SV=4	YBX3_HUMAN	YBX3	40 kDa	0	0	0	2	4	0	4	3	0	0	4	2	
579	Lysophospholipid acyltransferase 5	OS=Homo sapiens	OX-9606	GN=LPCAT3	Pe=1 SV=1	LPCAT3_HUMAN	LPCAT3	56 kDa	0	2	2	0	0	0	2	3	0	5	0	3	
580	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1	OS=Homo sapiens	OX-9606	GN=INPP5D	Pe=1 SV=2	SHIP1_HUMAN	INPP5D	133 kDa	4	2	0	2	4	2	4	0	0	2	3	5	
581	Charged multivesicular body protein 1b	OS=Homo sapiens	OX-9606	GN=CHMP1B	Pe=1 SV=1	CHMP1B_HUMAN	CHMP1B	22 kDa	0	2	0	4	2	0	3	4	0	0	3	2	
582	Endoplasmic reticulum protein lunsapark	OS=Homo sapiens	OX-9606	GN=LNPK	Pe=1 SV=2	LNPK_HUMAN	LNPK	44 kDa	0	0	4	0	0	0	4	3	3	0	0	4	
583	C-C motif chemokine 14	OS=Homo sapiens	OX-9606	GN=CCL14	Pe=1 SV=1	CCL14_HUMAN	CCL14	11 kDa	5	0	0	5	0	2	0	4	0	0	0	0	
584	Cysteine-rich and transmembrane domain-containing protein 1	OS=Homo sapiens	OX-9606	GN=CYSTM1	Pe=1 SV=1	CYTM1_HUMAN	CYSTM1	11 kDa	0	0	0	0	0	0	4	4	0	0	0	0	
585	Kinesin-1 heavy chain	OS=Homo sapiens	OX-9606	GN=KIF5B	Pe=1 SV=1	KIF5B_HUMAN	KIF5B	110 kDa	0	0	0	0	4	0	0	0	0	0	0	0	
586	Heterogeneous nuclear ribonucleoprotein Q	OS=Homo sapiens	OX-9606	GN=SYNCRIP	Pe=1 SV=2	HNRQP_Q_HUMAN	SYNCRIP	70 kDa	2	4	4	0	5	3	0	4	0	0	3	3	
587	60S acidic ribosomal protein P2	OS=Homo sapiens	OX-9606	GN=RPLP2	Pe=1 SV=1	RPLP2_HUMAN	RPLP2	12 kDa	0	5	5	4	6	3	0	0	2	3	2	5	
588	Gephyrin	OS=Homo sapiens	OX-9606	GN=GPHN	Pe=1 SV=1	GEPH_HUMAN	GPHN	80 kDa	0	0	2	4	5	0	0	3	3	0	4	3	
589	DnaI homolog subfamily B member 2	OS=Homo sapiens	OX-9606	GN=DNABJ2	Pe=1 SV=3	DNABJ2_HUMAN	DNABJ2	36 kDa	0	0	0	0	2	6	3	0	0	2	3	9	
590	Ran-binding protein 10	OS=Homo sapiens	OX-9606	GN=RBNP10	Pe=1 SV=1	RBNP10_HUMAN	RBNP10	67 kDa	0	4	0	3	0	0	3	2	0	2	0	3	
591	Bleomycin hydrolase	OS=Homo sapiens	OX-9606	GN=BLMH	Pe=1 SV=1	BLMH_HUMAN	BLMH	53 kDa	0	3	3	0	2	0	4	2	0	0	3	0	
592	Major facilitator superfamily domain-containing protein 28	OS=Homo sapiens	OX-9606	GN=MFS028	Pe=1 SV=1	MFS028_HUMAN	MFS028	54 kDa	0	0	0	0	0	3	3	5	3	5	0	0	
593	Protein disulfide-isomerase A4	OS=Homo sapiens	OX-9606	GN=PDIA4	Pe=1 SV=2	PDIA4_HUMAN	PDIA4	73 kDa	0	2	0	0	0	0	5	0	3	0	2	2	
594	Copper-transporting ATPase 2	OS=Homo sapiens	OX-9606	GN=ATP7B	Pe=1 SV=4	ATP7B_HUMAN	ATP7B	157 kDa	0	2	2	0	2	0	0	0	0	3	6	4	
595	Transmembrane 9 superfamily member 2	OS=Homo sapiens	OX-9606	GN=TM9SF2	Pe=1 SV=1	TM9SF2_HUMAN	TM9SF2	76 kDa	3	0	0	0	3	2	0	2	2	3	0	0	
596	High affinity cationic amino acid transporter 1	OS=Homo sapiens	OX-9606	GN=SLC7A1	Pe=1 SV=1	CTR1_HUMAN	SLC7A1	68 kDa	0	0	0	0	2	3	3	2	4	2	2	3	
597	Proteolipid protein 2	OS=Homo sapiens	OX-9606	GN=PLP2	Pe=1 SV=1	PLP2_HUMAN	PLP2	17 kDa	3	3	4	4	3	4	3	4	2	0	5	3	
598	Proteasome assembly chaperone 1	OS=Homo sapiens	OX-9606	GN=PSMG1	Pe=1 SV=1	PSMG1_HUMAN	PSMG1	33 kDa	0	4	2	0	4	2	0	0	0	0	0	3	
599	NF3-like protein 1	OS=Homo sapiens	OX-9606	GN=NFL1	Pe=1 SV=2	NFL1_HUMAN	NFL1	42 kDa	0	3	0	0	3	0	3	2	0	0	0	0	
600	Transmembrane emp24 domain-containing protein 1	OS=Homo sapiens	OX-9606	GN=TMED1	Pe=1 SV=1	TMED1_HUMAN	TMED1	25 kDa	4	2	4	2	3	3	4	2	0	0	0	0	
601	Beta-2-microglobulin	OS=Homo sapiens	OX-9606	GN=B2M	Pe=1 SV=1	B2M_HUMAN	B2M	14 kDa	0	0	0	0	0	0	6	4	4	4	5	8	
602	DNA-dependent protein kinase catalytic subunit	OS=Homo sapiens	OX-9606	GN=PRKDC	Pe=1 SV=3	PRKDC_HUMAN	PRKDC	469 kDa	0	0	5	3	6	4	0	0	0	0	0	0	
603	Ubiquitin-fold modifier 1	OS=Homo sapiens	OX-9606	GN=UFM1	Pe=1 SV=1	UFM1_HUMAN	UFM1	9 kDa	2	0	0	0	3	3	3	2	0	3	3	2	
604	Beta-arrestin-2	OS=Homo sapiens	OX-9606	GN=ARRB2	Pe=1 SV=2	ARRB2_HUMAN	ARRB2	46 kDa	0	0	2	0	0	0	0	0	3	0	0	3	
605	Proteasome inhibitor P131 subunit	OS=Homo sapiens	OX-9606	GN=PSMF1	Pe=1 SV=2	PSMF1_HUMAN	PSMF1	30 kDa	0	2	0	0	2	2	0	3	0	0	0	0	
606	Synaptogyrin-2	OS=Homo sapiens	OX-9606	GN=SYNGR2	Pe=1 SV=1	SYNGR2_HUMAN	SYNGR2	25 kDa	0	0	0	0	2	3	0	0	0	0	0	0	
607	60S ribosomal protein L18	OS=Homo sapiens	OX-9606	GN=RLP18	Pe=1 SV=2	RLP18_HUMAN	RLP18	22 kDa	0	3	2	0	3	3	0	0	0	0	0	0	
608	Long-chain fatty acid-CoA ligase 5	OS=Homo sapiens	OX-9606	GN=ACSL5	Pe=1 SV=1	ACSL5_HUMAN	ACSL5	76 kDa	0	5	6	0	0	0	6	0	3	0	6	0	
609	C-C chemokine receptor-like 2	OS=Homo sapiens	OX-9606	GN=CCRL2	Pe=1 SV=2	CCRL2_HUMAN	CCRL2	40 kDa	0	0	0	0	0	0	0	0	2	0	4	0	
610	Ras-related protein Rab-2A	OS=Homo sapiens	OX-9606	GN=RAB2A	Pe=1 SV=1	RAB2A_HUMAN	RAB2A	24 kDa	0	8	8	10	0	12	0	0	0	0	0	0	
611	Serine-tRNA ligase, cytoplasmic	OS=Homo sapiens	OX-9606	GN=SARS	Pe=1 SV=3	SYSC_HUMAN	SARS	59 kDa	0	0	3	4	10	2	0	0	0	0	0	0	
612	Epidermal growth factor receptor substrate 15-like 1	OS=Homo sapiens	OX-9606	GN=EPS15L1	Pe=1 SV=1	EPS15L1_HUMAN	EPS15L1	94 kDa	0	0	2	2	0	2	0	2	3	0	4	2	
613	CDP-diacylglycerol-inositol 3-phosphatidyltransferase	OS=Homo sapiens	OX-9606	GN=CDIPT	Pe=1 SV=1	CDIPT_HUMAN	CDIPT	24 kDa	3	0	0	2	0	0	0	4	4	3	3	4	
614	Synaptophysin-like protein 1	OS=Homo sapiens	OX-9606	GN=SYPL1	Pe=1 SV=1	SYPL1_HUMAN	SYPL1	29 kDa	2	0	3	0	3	4	0	0	0	0	2	0	
615	Myeloid-associated differentiation marker	OS=Homo sapiens	OX-9606	GN=MYADM	Pe=1 SV=2	MYADM_HUMAN	MYADM	35 kDa	0	0	0	0	0	0	3	0	0	0	4	0	
616	Immunoglobulin kappa variable 3-20	OS=Homo sapiens	OX-9606	GN=IGHV3-20	Pe=1 SV=2	IGHV3-20_HUMAN	IGHV3-20	13 kDa	0	0	0	0	0	0	4	0	0	0	4	0	
617	Glucose-induced degradation protein 8	homolog	OS=Homo sapiens	OX-9606	GN=GI08	Pe=1 SV=1	GI08_HUMAN	GI08	7 kDa	0	2	3	0	4	5	3	0	0	4	0	0
618	Oxysterol-binding protein-related protein 8	OS=Homo sapiens	OX-9606	GN=OSBP8	Pe=1 SV=3	OSBP8_HUMAN	OSBP8	101 kDa	0	0	0	0	0	0	7	5	5	3	3	2	
619	Unconventional myosin-ic	OS=Homo sapiens	OX-9606	GN=MYO1C	Pe=1 SV=4	MYO1C_HUMAN	MYO1C	122 kDa	0	0	0	0	0	2	2	0	0	5	0	2	
620	Palmitoyltransferase ZDHHC20	OS=Homo sapiens	OX-9606	GN=ZDHHC20	Pe=1 SV=1	ZDHHC20_HUMAN	ZDHHC20	42 kDa	0	0	0	3	0	0	0	0	4	0	0	0	
621	Alpha-synuclein	OS=Homo sapiens	OX-9606	GN=SNCA	Pe=1 SV=1	SNCA_HUMAN	SNCA	14 kDa	2	3	2	0	3	0	3						

641	Adenosylhomocysteinase OS=Homo sapiens OX=9606 GN=AHCY PE=1 SV=4	SAHH_HUMAN	AHCY	48 kDa	2	3	0	0	4	0	4	5	0	0	0	0
642	Dolichylidiphosphatase 1 OS=Homo sapiens OX=9606 GN=DOLPP1 PE=2 SV=1	DOPP1_HUMAN	DOLPP1	27 kDa	0	0	0	0	2	0	2	0	0	0	0	3
643	Protein PRRC1 OS=Homo sapiens OX=9606 GN=PRRC1 PE=1 SV=1	PRRC1_HUMAN	PRRC1	47 kDa	0	0	0	4	0	3	0	0	0	0	0	2
644	N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D OS=Homo sapiens OX=9606 GN=NAPEPLD PE=1 SV=2	NAPEPLD_HUMAN	NAPEPLD	46 kDa	0	3	4	4	0	2	0	0	2	0	0	0
645	Cullin-2 OS=Homo sapiens OX=9606 GN=CUL2 PE=1 SV=2	CUL2_HUMAN	CUL2	87 kDa	0	2	0	2	4	3	0	2	0	0	0	3
646	DNA large homolog 1 OS=Homo sapiens OX=9606 GN=DLG1 PE=1 SV=2	DLG1_HUMAN	DLG1	100 kDa	2	0	0	0	0	4	0	0	0	0	0	2
647	Glycogen [starch] synthase, muscle OS=Homo sapiens OX=9606 GN=GYSL PE=1 SV=2	GYSL_HUMAN	GYSL	84 kDa	0	3	0	0	0	0	3	0	0	0	0	0
648	Sec1 family domain-containing protein 1 OS=Homo sapiens OX=9606 GN=SCFD1 PE=1 SV=4	SCFD1_HUMAN	SCFD1	72 kDa	5	0	2	0	0	6	0	0	0	0	0	0
649	Rho-associated protein kinase 2 OS=Homo sapiens OX=9606 GN=ROCK2 PE=1 SV=4	ROCK2_HUMAN	ROCK2	161 kDa	0	0	2	2	0	2	0	0	0	0	0	0
650	60S acidic ribosomal protein P0 OS=Homo sapiens OX=9606 GN=RLP0 PE=1 SV=1	RLP0_HUMAN	RLP0	34 kDa	0	0	0	5	2	3	2	0	0	0	0	2
651	Immunoglobulin lambda-1 light chain OS=Homo sapiens OX=9606 PE=1 SV=1	IGL1_HUMAN (+1)		23 kDa	0	0	0	0	0	0	12	0	0	0	0	14
652	Keratin, type II cytoskeletal 5 OS=Homo sapiens OX=9606 GN=KRT5 PE=1 SV=3	K2C5_HUMAN	KRT5	62 kDa	0	9	0	0	0	0	9	15	0	9	0	0
653	Protein FAM234A OS=Homo sapiens OX=9606 GN=FAM234A PE=1 SV=1	F234A_HUMAN	FAM234A	60 kDa	0	0	0	0	0	0	7	0	2	0	3	0
654	Serine/threonine-protein kinase TAO3 OS=Homo sapiens OX=9606 GN=TAOK3 PE=1 SV=2	TAOK3_HUMAN	TAOK3	105 kDa	2	0	0	0	6	2	0	0	0	2	0	2
655	Syntaxin-16 OS=Homo sapiens OX=9606 GN=STX16 PE=1 SV=3	STX16_HUMAN	STX16	37 kDa	0	2	0	0	0	3	4	2	0	2	5	2
656	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2 OS=Homo sapiens OX=9606 GN=GNNG2 PE=1 SV=2	GNNG2_HUMAN	GNNG2	8 kDa	0	0	2	0	0	0	0	0	0	0	0	0
657	Actin-related protein 2/3 complex subunit 1A OS=Homo sapiens OX=9606 GN=ARPC1A PE=2 SV=2	ARPC1A_HUMAN	ARPC1A	42 kDa	0	2	3	0	3	0	0	0	0	0	0	2
658	Platelet basic protein OS=Homo sapiens OX=9606 GN=PPBP PE=1 SV=3	CXC17_HUMAN	PPBP	14 kDa	4	2	0	0	2	0	0	3	0	3	2	0
659	S-phase kinase-associated protein 1 OS=Homo sapiens OX=9606 GN=SKP1 PE=1 SV=2	SKP1_HUMAN	SKP1	19 kDa	0	0	0	2	0	3	0	0	0	0	0	0
660	Voltage-gated potassium channel subunit beta-2 OS=Homo sapiens OX=9606 GN=KCNA2 PE=1 SV=2	KCAB2_HUMAN	KCNA2	41 kDa	0	3	3	3	0	2	0	2	0	0	0	0
661	ATPase ASNA1 OS=Homo sapiens OX=9606 GN=ASNA1 PE=1 SV=2	ASNA1_HUMAN	ASNA1	39 kDa	0	0	3	0	3	3	0	0	0	0	0	0
662	60S ribosomal protein L4 OS=Homo sapiens OX=9606 GN=RLP4 PE=1 SV=5	RL4_HUMAN	RLP4	48 kDa	0	0	0	5	0	3	0	0	0	0	0	0
663	E3 ubiquitin-protein ligase TRIM25 OS=Homo sapiens OX=9606 GN=TRIM25 PE=1 SV=2	TRIM25_HUMAN	TRIM25	71 kDa	2	4	3	3	3	6	0	0	0	0	0	0
664	Cyclin-Y OS=Homo sapiens OX=9606 GN=CCNY PE=1 SV=2	CCNY_HUMAN	CCNY	39 kDa	0	0	0	0	0	0	0	0	0	0	0	0
665	Actin-related protein-3 OS=Homo sapiens OX=9606 GN=ACTR3 PE=1 SV=3	ARP3_HUMAN	ACTR3	47 kDa	0	0	3	3	3	4	0	0	2	0	3	4
666	Solute carrier family 22 member 23 OS=Homo sapiens OX=9606 GN=SLC22A23 PE=1 SV=2	S22AN_HUMAN	SLC22A23	74 kDa	0	0	0	0	0	0	0	3	0	0	0	2
667	26S proteasome non-ATPase regulatory subunit 9 OS=Homo sapiens OX=9606 GN=PSMD9 PE=1 SV=3	PSMD9_HUMAN	PSMD9	25 kDa	0	0	0	0	2	4	3	0	3	2	0	0
668	Ribonucleoside-diphosphate reductase large subunit OS=Homo sapiens OX=9606 GN=RRM1 PE=1 SV=1	RIR1_HUMAN	RRM1	90 kDa	0	0	3	5	6	3	0	0	0	0	0	0
669	Ribosome maturation protein SBDS OS=Homo sapiens OX=9606 GN=SBDS PE=1 SV=4	SBDS_HUMAN	SBDS	29 kDa	0	0	0	0	0	0	3	0	0	0	4	0
670	Cyclin-dependent kinase 2 OS=Homo sapiens OX=9606 GN=CDK2 PE=1 SV=2	CDK2_HUMAN	CDK2	34 kDa	0	3	0	0	2	2	0	0	0	0	3	3
671	Reticulophagy regulator 3 OS=Homo sapiens OX=9606 GN=RETRG3 PE=1 SV=1	RETR3_HUMAN	RETRG3	51 kDa	0	3	4	3	3	2	0	0	0	0	0	0
672	CTP synthase 2 OS=Homo sapiens OX=9606 GN=CTPS2 PE=1 SV=1	CTPS2_HUMAN	CTPS2	66 kDa	0	0	0	2	3	5	0	0	0	0	4	0
673	Elongation factor 1-gamma OS=Homo sapiens OX=9606 GN=EEF1G PE=1 SV=3	EF1G_HUMAN	EEF1G	50 kDa	0	7	2	4	6	0	0	0	0	0	0	0
674	Methylome subunit pICn OS=Homo sapiens OX=9606 GN=CLNS1A PE=1 SV=1	ICLN_HUMAN	CLNS1A	26 kDa	2	0	0	3	3	3	0	0	0	0	0	0
675	Coiled-coil domain-containing protein 124 OS=Homo sapiens OX=9606 GN=CCDC124 PE=1 SV=1	CC124_HUMAN	CCDC124	26 kDa	0	3	2	3	0	0	0	0	0	0	3	0
676	WD repeat-containing protein 26 OS=Homo sapiens OX=9606 GN=WDRC26 PE=1 SV=3	WDR26_HUMAN	WDR26	72 kDa	0	0	0	0	4	0	0	0	2	0	3	0
677	PQ-loop repeat-containing protein 1 OS=Homo sapiens OX=9606 GN=PQLC1 PE=1 SV=1	PQLC1_HUMAN	PQLC1	30 kDa	2	0	0	0	0	2	0	0	0	0	2	0
678	H(+)/Cl(-) exchange transporter 3 OS=Homo sapiens OX=9606 GN=CLCN3 PE=1 SV=2	CLCN3_HUMAN	CLCN3	91 kDa	0	0	0	0	0	0	3	2	0	0	0	0
679	Bisphosphoglycerate mutase OS=Homo sapiens OX=9606 GN=BMGM PE=1 SV=2	PMGE_HUMAN	BMGM	30 kDa	0	0	0	0	3	0	4	3	2	0	0	0
680	Ran GTPase-activating protein 1 OS=Homo sapiens OX=9606 GN=RANGAP1 PE=1 SV=1	RAGP1_HUMAN	RANGAP1	64 kDa	0	0	0	0	2	3	2	3	0	0	0	0
681	Transferrin receptor protein 1 OS=Homo sapiens OX=9606 GN=TFRC PE=1 SV=2	TFR1_HUMAN	TFRC	85 kDa	5	0	6	2	0	2	0	0	0	0	0	0
682	Ephrin-B1 OS=Homo sapiens OX=9606 GN=EFNB1 PE=1 SV=1	EFNB1_HUMAN	EFNB1	38 kDa	0	0	0	0	0	0	0	0	0	0	0	0
683	RNA-binding motif protein, X chromosome OS=Homo sapiens OX=9606 GN=RBMX PE=1 SV=3	RBMX_HUMAN	RBMX	42 kDa	2	0	0	3	0	2	2	0	0	0	0	0
684	Microsomal glutathione S-transferase 2 OS=Homo sapiens OX=9606 GN=MGST2 PE=1 SV=1	MGST2_HUMAN	MGST2	17 kDa	3	0	0	2	0	0	0	3	0	0	0	0
685	V-type proton ATPase subunit G 1 OS=Homo sapiens OX=9606 GN=ATP6V1G1 PE=1 SV=3	VATG1_HUMAN	ATP6V1G1	14 kDa	0	0	0	0	4	3	3	0	0	0	0	0
686	Deoxyribonuclease-1-like 1 OS=Homo sapiens OX=9606 GN=DNASE1L1 PE=1 SV=1	DNSE1L1_HUMAN	DNASE1L1	34 kDa	0	0	0	0	2	0	0	0	0	0	0	0
687	Tumor necrosis factor receptor superfamily member 6 OS=Homo sapiens OX=9606 GN=FNAS PE=1 SV=1	TNR6_HUMAN	FAS	38 kDa	0	0	0	0	0	0	2	2	0	3	4	0
688	UPF0449 protein C19orf25 OS=Homo sapiens OX=9606 GN=C19orf25 PE=1 SV=2	CSO25_HUMAN	C19orf25	13 kDa	0	0	0	0	2	0	0	0	0	0	0	0
689	Mitochondrial fission 1 protein OS=Homo sapiens OX=9606 GN=FIS1 PE=1 SV=2	FIS1_HUMAN	FIS1	17 kDa	0	0	0	0	0	0	0	0	0	0	2	0
690	Autophagy-related protein 9A OS=Homo sapiens OX=9606 GN=ATG9A PE=1 SV=3	ATG9A_HUMAN	ATG9A	94 kDa	0	0	0	0	0	2	0	0	0	0	2	0
691	Ubiquitin-like protein 4A OS=Homo sapiens OX=9606 GN=UBL4A PE=1 SV=1	UBL4A_HUMAN	UBL4A	18 kDa	3	0	0	0	0	0	0	0	0	0	0	0
692	Palmitoyltransferase ZDHHC3 OS=Homo sapiens OX=9606 GN=ZDHHC3 PE=1 SV=2	ZDHHC3_HUMAN	ZDHHC3	34 kDa	0	0	0	0	0	3	0	0	0	0	0	0
693	Synaptic vesicle membrane protein VAT-1 homolog OS=Homo sapiens OX=9606 GN=VAT1 PE=1 SV=2	VAT1_HUMAN	VAT1	42 kDa	0	0	0	2	0	0	0	0	3	2	2	0
694	Transmembrane emp24 domain-containing protein 5 OS=Homo sapiens OX=9606 GN=TMED5 PE=1 SV=1	TMED5_HUMAN	TMED5	26 kDa	0	2	0	0	0	0	0	2	0	2	2	0
695	Emerin OS=Homo sapiens OX=9606 GN=EMD PE=1 SV=1	EMD_HUMAN	EMD	29 kDa	0	2	2	0	2	0	4	0	2	0	2	0
696	Immunoglobulin heavy variable 3-7 OS=Homo sapiens OX=9606 GN=IGHV3-7 PE=1 SV=2	HV307_HUMAN	IGHV3-7	13 kDa	0	0	0	0	0	3	0	3	0	0	0	0
697	DnaI homolog subfamily A member 4 OS=Homo sapiens OX=9606 GN=DNAA4 PE=1 SV=1	DNAA4_HUMAN	DNAA4	45 kDa	0	0	0	4	5	6	0	0	0	0	0	3
698	Complement C3 OS=Homo sapiens OX=9606 GN=C3 PE=1 SV=2	CO3_HUMAN	C3	187 kDa	0	0	0	0	2	2	0	0	0	0	0	5
699	Casein kinase 1 isoform gamma-1 OS=Homo sapiens OX=9606 GN=CSNK1G1 PE=1 SV=1	KC1G1_HUMAN	CSNK1G1	49 kDa	0	0	0	0	0	0	6	4	5	0	4	0
700	ADP-dependent glycohydrolase OS=Homo sapiens OX=9606 GN=ADPGK PE=1 SV=1	ADPGK_HUMAN	ADPGK	54 kDa	0	0	0	0	0	2	0	0	0	2	0	0
701	Heterogeneous nuclear ribonucleoprotein D0 OS=Homo sapiens OX=9606 GN=HNRNPD PE=1 SV=1	HNRNPD_HUMAN	HNRNPD	38 kDa	0	0	0	0	0	0	3	0	0	0	0	0
702	Immunoglobulin kappa variable 3-15 OS=Homo sapiens OX=9606 GN=IGKV3-15 PE=1 SV=2	KV315_HUMAN	IGKV3-15	12 kDa	0	0	0	3	0	0	0	0	0	0	0	0
703	Elongin-C OS=Homo sapiens OX=9606 GN=ELOC PE=1 SV=1	ELOC_HUMAN	ELOC	12 kDa	0	0	0	0	3	0	0	0	0	0	0	0
704	Thioredoxin OS=Homo sapiens OX=9606 GN=TXN PE=1 SV=3	THIO_HUMAN	TXN	12 kDa	0	0	0	0	0	3	0	0	0	0	0	0
705	Optineurin OS=Homo sapiens OX=9606 GN=OPTN PE=1 SV=3	OPTN_HUMAN	OPTN	66 kDa	0	0	0	0	0	0	4	2	0	2	3	2
706	Leucyl-cystinyl aminopeptidase OS=Homo sapiens OX=9606 GN=LNPEP PE=1 SV=3	LCAP_HUMAN	LNPEP	117 kDa	0	0	0	0	0	0	0	0	0	0	2	0
707	Vacuolar protein sorting-associated protein 13C OS=Homo sapiens OX=9606 GN=VPS13C PE=1 SV=1	VPS13C_HUMAN	VPS13C	422 kDa	0	2	0	0	0	0	0	0	0	0	0	0
708	Peptidyl-prolyl cis-trans isomerase FBXP2 OS=Homo sapiens OX=9606 GN=FBXP2 PE=1 SV=2	FBXP2_HUMAN	FBXP2	16 kDa	0	0	0	0	0	3	4	3	2	0	0	0
709	Peflin OS=Homo sapiens OX=9606 GN=PEF1 PE=1 SV=1	PEF1_HUMAN	PEF1	30 kDa	2	0	2	0	0	2	0	0	0	0	0	0
710	Polyadenylate-binding protein 1 OS=Homo sapiens OX=9606 GN=PABPC1 PE=1 SV=2	PABP1_HUMAN	PABPC1	71 kDa	0	0	0	0	2	0	0	0	0	0	2	2
711	Peptidyl-prolyl cis-trans isomerase A OS=Homo sapiens OX=9606 GN=PIA PE=1 SV=2	PIA_HUMAN	PIA	18 kDa	0	0	2	0	0	0	0	3	0	0	0	0
712	Claudin domain-containing protein 1 OS=Homo sapiens OX=9606 GN=CLNDN1 PE=1 SV=1	CLDN1_HUMAN	CLNDN1	29 kDa	0	0	0	0	0	0	2	3	2	0	3	2
713	Structural maintenance of chromosomes protein 4 OS=Homo sapiens OX=9606 GN=SMC4 PE=1 SV=2	SMC4_HUMAN	SMC4	147 kDa	0	2	2	0	3	4	0	0	0	0	0	3
714	60S ribosomal protein L12 OS=Homo sapiens OX=9606 GN=RLP12 PE=1 SV=1	RL12_HUMAN	RLP12	18 kDa	0	0	3	0	3	2	4	0	0	0	0	0
715	Rab-interacting lysosomal protein OS=Homo sapiens OX=9606 GN=RLP PE=1 SV=1	RLP_HUMAN	RLP	44 kDa	0	0	0	0	3	3	0	0	0	0	0	0
716	Calumenin OS=Homo sapiens OX=9606 GN=CALU PE=1 SV=2	CALU_HUMAN	CALU	37 kDa	0	0	0	0	0	0	4	0	0	2	0	0
717	B-cell receptor-associated protein 2 OS=Homo sapiens OX=9606 GN=BCAP29 PE=1 SV=2	BAP29_HUMAN	BCAP29	28 kDa	0	0	0	0	0	0	0	2	0	0	0	0
718	Secretory carrier-associated membrane protein 2 OS=Homo sapiens OX=9606 GN=SCAMP2 PE=1 SV=2	SCAMP2_HUMAN	SCAMP2	37 kDa	0	0	0	0	0	0	0	0	0	0	3	0
719	Vacuolar protein sorting-associated protein 28 homolog OS=Homo sapiens OX=9606 GN=VPS28 PE=1 SV=1	VPS28_HUMAN	VPS28	25 kDa	0	0	0	0	4	3	0	2	0	0	3	0
720	Programmed cell death protein 5 OS=Homo sapiens OX=9606 GN=PPDC5 PE=1 SV=3	PPDC5_HUMAN	PPDC5	14 kDa	0	0	0	0	2	0	0	0	0	0	0	0
721	Tubulin-tyrosine ligase-like protein 12 OS=Homo sapiens OX=9606 GN=TTLL12 PE=1 SV=2	TTLL12_HUMAN	TTLL12	74 kDa	0	0	0	0	3	4	0	0	0	0	0	0
722	Armadillo repeat-containing protein 8 OS=Homo sapiens OX=9606 GN=ARMC8 PE=1 SV=2	ARMC8_HUMAN	ARMC8	76 kDa	0	2	0	0	0	0	0	0	0	0	0	0
723	Tyrosine-protein kinase Yes OS=Homo sapiens OX=9606 GN=YES1 PE=1 SV=3	YES_HUMAN	YES1	61 kDa												

[illegible]

825	L-xylulose reductase OS=Homo sapiens OX=9606 GN=DCXR PE=1 SV=2	DCXR_HUMAN	DCXR	26 kDa	0	0	0	0	0	2	0	0	0	0	0	0
826	Gelsolin OS=Homo sapiens OX=9606 GN=GSN PE=1 SV=1	GELS_HUMAN	GSN	86 kDa	0	0	0	0	2	0	0	0	0	0	0	0
827	Sodium/hydrogen exchanger 6 OS=Homo sapiens OX=9606 GN=SLC9A6 PE=1 SV=2	SL9A6_HUMAN	SLC9A6	74 kDa	0	0	0	0	0	0	3	0	0	0	0	0
828	CD151 antigen OS=Homo sapiens OX=9606 GN=CD151 PE=1 SV=3	CD151_HUMAN	CD151	28 kDa	0	0	0	0	0	0	2	0	0	0	0	0
829	Immunoglobulin heavy constant delta OS=Homo sapiens OX=9606 GN=IGHD PE=1 SV=3	IGHD_HUMAN	IGHD	42 kDa	0	0	0	2	0	0	0	0	0	0	0	0
830	Endoglin OS=Homo sapiens OX=9606 GN=ENG PE=1 SV=2	EGLN_HUMAN	ENG	71 kDa	0	0	0	0	0	0	0	0	0	2	0	0
831	STE20-like serine/threonine-protein kinase OS=Homo sapiens OX=9606 GN=SLK PE=1 SV=1	SLK_HUMAN	SLK	143 kDa	0	0	0	0	2	0	0	0	0	0	0	0
832	Eukaryotic initiation factor 4A-1 OS=Homo sapiens OX=9606 GN=EIF4A1 PE=1 SV=1	IF4A1_HUMAN	EIF4A1	46 kDa	0	0	0	0	2	0	0	0	0	0	0	0
833	Vacuolar protein sorting-associated protein 4A OS=Homo sapiens OX=9606 GN=VPS4A PE=1 SV=1	VPS4A_HUMAN	VPS4A	49 kDa	0	0	0	0	0	3	0	0	0	0	0	0