

Accession	Protein names	MW [kDa]	Gene names	Protein score	Sequence	# Unique Peptides	# Peptides	# PSMs	Abundances
					coverage (%)				
P14618	Pyruvate kinase PKM	57.9	PKM	13385	84	49	51	328	3.34E+10
O95071	E3 ubiquitin-protein ligase UBR5	309.2	UBR5	3294	34	68	68	87	3.65E+08
P27708	CAD protein	242.8	CAD	2706	35	61	61	73	3.94E+08
Q92974	Rho guanine nucleotide exchange factor 2	111.5	ARHGEF2	2173	46	35	35	44	2.92E+08
P60709	Actin, cytoplasmic 1	41.7	ACTB	1786	67	1	20	40	1.25E+09
P63261	Actin, cytoplasmic 2	41.8	ACTG1	1763	67	1	20	40	2.02E+06
Q93008	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	290.3	USP9X	1739	21	31	46	52	1.75E+08
P78347	General transcription factor II-I	112.3	GTF2I	1619	39	36	36	47	3.13E+08
P05141	ADP/ATP translocase 2	32.8	SLC25A5	1497	53	6	19	37	1.99E+09
P31943	Heterogeneous nuclear ribonucleoprotein H	49.2	HNRNPH1	1440	48	8	17	28	1.83E+08
P52272	Heterogeneous nuclear ribonucleoprotein M	77.5	HNRNPM	1426	41	27	27	37	1.97E+08
Q92900	Regulator of nonsense transcripts 1	124.3	UPF1	1399	35	32	32	38	1.59E+08
P17844	Probable ATP-dependent RNA helicase DDX5	69.1	DDX5	1343	53	20	28	35	3.24E+08
P30153	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	65.3	PPP2R1A	1330	46	22	22	33	1.46E+08
P12235	ADP/ATP translocase 1	33	SLC25A4	1305	49	1	15	28	3.22E+06
O75147	Obscurin-like protein 1	206.8	OBSL1	1299	19	28	28	34	1.43E+08
O14654	Insulin receptor substrate 4	133.7	IRS4	1289	29	27	27	33	1.43E+08
Q00839	Heterogeneous nuclear ribonucleoprotein U	90.5	HNRNPU	1263	36	22	22	33	2.15E+08
P0DMV8	Heat shock 70 kDa protein 1A	70	HSPA1A	1176	41	18	21	30	2.34E+08
P22695	Cytochrome b-c1 complex subunit 2, mitochondrial	48.4	UQCRC2	1174	45	15	15	25	2.47E+08
O00571	ATP-dependent RNA helicase DDX3X	73.2	DDX3X	1138	39	20	21	27	8.84E+07
Q9UJS0	Calcium-binding mitochondrial carrier protein Aralar2	74.1	SLC25A13	1110	41	17	21	28	1.46E+08
Q02978	Mitochondrial 2-oxoglutarate/malate carrier protein	34	SLC25A11	1110	56	13	13	23	2.81E+08
P53350	Serine/threonine-protein kinase PLK1	68.2	PLK1	1097	41	20	20	28	1.89E+08
P49411	Elongation factor Tu, mitochondrial	49.5	TUFM	1090	51	19	19	26	2.09E+08
P52597	Heterogeneous nuclear ribonucleoprotein F	45.6	HNRNPF	1081	52	12	15	23	8.81E+07
P12236	ADP/ATP translocase 3	32.8	SLC25A6	1070	59	5	19	25	1.22E+08
P43243	Matrin-3	94.6	MATR3	1029	29	18	18	27	9.15E+07
P25205	DNA replication licensing factor MCM3	90.9	MCM3	982	38	26	26	29	1.10E+08

Q93009	Ubiquitin carboxyl-terminal hydrolase 7	128.2	USP7	981	31	29	29	32	8.66E+07
Q9NV17	ATPase family AAA domain-containing protein 3A	71.3	ATAD3A	977	40	9	21	27	1.57E+08
Q53H96	Pyrroline-5-carboxylate reductase 3	28.6	PYCR3	958	49	11	11	22	2.14E+08
P63244	Receptor of activated protein C kinase 1	35.1	RACK1	952	61	15	15	18	1.23E+08
P78527	DNA-dependent protein kinase catalytic subunit	468.8	PRKDC	931	8	29	29	29	3.98E+07
P23396	40S ribosomal protein S3	26.7	RPS3	914	77	20	20	29	1.22E+09
P49368	T-complex protein 1 subunit gamma	60.5	CCT3	896	44	20	20	22	8.94E+07
O14980	Exportin-1	123.3	XPO1	871	27	20	20	24	5.46E+07
Q92841	Probable ATP-dependent RNA helicase DDX17	80.2	DDX17	839	26	9	17	22	2.98E+07
P50402	Emerin	29	EMD	837	65	14	14	21	2.26E+08
Q00325	Phosphate carrier protein, mitochondrial	40.1	SLC25A3	822	33	14	14	21	3.49E+08
O15027	Protein transport protein Sec16A	251.7	SEC16A	814	12	24	24	31	9.51E+07
P07437	Tubulin beta chain	49.6	TUBB	796	55	4	17	23	8.28E+07
P68371	Tubulin beta-4B chain	49.8	TUBB4B	761	45	2	15	20	2.48E+06
P31689	DnaJ homolog subfamily A member 1	44.8	DNAJA1	748	49	13	13	19	7.81E+07
Q2M1P5	Kinesin-like protein KIF7	150.5	KIF7	747	21	21	21	23	4.20E+07
P68363	Tubulin alpha-1B chain	50.1	TUBA1B	743	48	14	15	18	7.97E+07
P42704	Leucine-rich PPR motif-containing protein, mitochondrial	157.8	LRPPRC	722	17	20	20	22	3.97E+07
P10809	60 kDa heat shock protein, mitochondrial	61	HSPD1	721	29	10	10	11	1.50E+07
O14965	Aurora kinase A	45.8	AURKA	721	56	18	18	21	7.91E+07
P68133	Actin, alpha skeletal muscle	42	ACTA1	690	29	1	11	22	6.78E+07
P28340	DNA polymerase delta catalytic subunit	123.6	POLD1	671	26	19	19	19	2.37E+07
Q6S8J3	POTE ankyrin domain family member E	121.3	POTEE	666	10	1	9	14	2.10E+06
Q6ZRV2	Protein FAM83H	127	FAM83H	664	20	18	18	20	4.40E+07
P11142	Heat shock cognate 71 kDa protein	70.9	HSPA8	663	25	10	14	18	6.67E+07
P49674	Casein kinase I isoform epsilon	47.3	CSNK1E	641	33	4	13	21	1.36E+08
P48730	Casein kinase I isoform delta	47.3	CSNK1D	640	34	4	13	20	2.09E+07
P68104	Elongation factor 1-alpha 1	50.1	EEF1A1	638	32	9	9	16	9.07E+07
P61978	Heterogeneous nuclear ribonucleoprotein K	50.9	HNRNPK	638	41	14	14	17	1.27E+08
Q6Y7W6	GRB10-interacting GYF protein 2	150	GIGYF2	635	15	15	15	17	4.92E+07
P67775	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	35.6	PPP2CA	626	39	9	9	13	3.12E+07
P02768	Albumin	69.3	ALB	625	32	16	16	19	1.03E+08

P05023	Sodium/potassium-transporting ATPase subunit alpha-1	112.8	ATP1A1	617	18	14	14	14	3.27E+07
P61247	40S ribosomal protein S3a	29.9	RPS3A	609	38	10	10	14	5.85E+07
P04843	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	68.5	RPN1	608	31	15	15	17	4.33E+07
P26641	Elongation factor 1-gamma	50.1	EEF1G	607	39	15	15	17	7.80E+07
Q5T9A4	ATPase family AAA domain-containing protein 3B	72.5	ATAD3B	592	28	3	15	18	1.10E+07
P23258	Tubulin gamma-1 chain	51.1	TUBG1	591	52	14	14	14	4.37E+07
P19338	Nucleolin	76.6	NCL	589	18	11	11	12	4.66E+07
Q9NNW5	WD repeat-containing protein 6	121.6	WDR6	566	21	17	17	18	3.64E+07
P15924	Desmoplakin	331.6	DSP	556	5	14	14	15	2.48E+07
Q96N67	Dedicator of cytokinesis protein 7	242.4	DOCK7	554	10	17	19	19	3.76E+07
O75746	Calcium-binding mitochondrial carrier protein Aralar1	74.7	SLC25A12	550	24	10	14	14	1.79E+07
Q96PK6	RNA-binding protein 14	69.4	RBM14	539	26	15	15	17	8.04E+07
Q99623	Prohibitin-2	33.3	PHB2	532	40	11	11	13	4.29E+07
P35573	Glycogen debranching enzyme	174.7	AGL	531	11	13	13	14	1.59E+07
P62701	40S ribosomal protein S4, X isoform	29.6	RPS4X	528	47	14	14	18	1.23E+08
P13639	Elongation factor 2	95.3	EEF2	524	26	17	18	18	6.14E+07
Q4VCS5	Angiomotin	118	AMOT	522	21	15	16	19	6.03E+07
P09874	Poly [ADP-ribose] polymerase 1	113	PARP1	521	18	14	14	16	4.82E+07
Q96EY1	DnaJ homolog subfamily A member 3, mitochondrial	52.5	DNAJA3	515	26	10	10	14	4.68E+07
P38919	Eukaryotic initiation factor 4A-III	46.8	EIF4A3	509	35	11	13	15	4.86E+07
P11586	C-1-tetrahydrofolate synthase, cytoplasmic	101.5	MTHFD1	509	14	12	12	12	3.18E+07
P11310	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	46.6	ACADM	509	31	11	11	14	6.55E+07
O60884	DnaJ homolog subfamily A member 2	45.7	DNAJA2	507	52	15	15	16	9.25E+07
Q53GQ0	Very-long-chain 3-oxoacyl-CoA reductase	34.3	HSD17B12	506	46	11	11	12	2.87E+07
P15880	40S ribosomal protein S2	31.3	RPS2	497	42	11	11	14	1.29E+08
P35637	RNA-binding protein FUS	53.4	FUS	496	13	6	6	12	6.24E+07
P60891	Ribose-phosphate pyrophosphokinase 1	34.8	PRPS1	496	29	6	6	9	1.73E+07
P28288	ATP-binding cassette sub-family D member 3	75.4	ABCD3	487	29	15	15	16	2.06E+07
P53621	Coatomer subunit alpha	138.3	COPA	485	13	13	13	14	2.58E+07
Q9H9B4	Sideroflexin-1	35.6	SFXN1	479	48	11	11	15	4.64E+07
O95831	Apoptosis-inducing factor 1, mitochondrial	66.9	AIFM1	479	27	12	12	13	3.19E+07

P30876	DNA-directed RNA polymerase II subunit RPB2	133.8	POLR2B	471	14	16	16	17	4.13E+07
O00507	Probable ubiquitin carboxyl-terminal hydrolase FAF-Y	290.9	USP9Y	458	7	1	16	17	2.48E+06
Q08211	ATP-dependent RNA helicase A	140.9	DHX9	449	12	12	12	12	1.61E+07
Q9NZI8	Insulin-like growth factor 2 mRNA-binding protein 1	63.4	IGF2BP1	439	19	9	9	10	2.10E+07
Q02878	60S ribosomal protein L6	32.7	RPL6	436	34	9	9	12	7.23E+07
P33991	DNA replication licensing factor MCM4	96.5	MCM4	433	13	9	9	11	1.50E+07
P06493	Cyclin-dependent kinase 1	34.1	CDK1	427	39	10	10	13	7.24E+07
P38646	Stress-70 protein, mitochondrial	73.6	HSPA9	425	20	10	11	11	1.94E+07
Q86YZ3	Homerin	282.2	HRNR	421	11	7	7	9	1.59E+07
P60842	Eukaryotic initiation factor 4A-1	46.1	EIF4A1	421	24	7	9	11	2.52E+07
Q9Y4C2	TRPM8 channel-associated factor 1	102.1	TCAF1	405	18	15	15	16	4.97E+07
Q9UBX3	Mitochondrial dicarboxylate carrier	31.3	SLC25A10	404	51	12	12	12	4.25E+07
P17987	T-complex protein 1 subunit alpha	60.3	TCP1	403	23	10	10	11	2.38E+07
P62258	14-3-3 protein epsilon	29.2	YWHAE	401	36	6	8	9	3.33E+07
P55795	Heterogeneous nuclear ribonucleoprotein H2	49.2	HNRNPH2	398	22	1	9	13	1.78E+06
Q5H9R7	Serine/threonine-protein phosphatase 6 regulatory subunit 3	97.6	PPP6R3	396	16	11	11	11	1.62E+07
O43242	26S proteasome non-ATPase regulatory subunit 3	60.9	PSMD3	390	27	12	12	12	3.20E+07
O95299	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial	40.7	NDUFA10	388	35	12	12	12	4.33E+07
Q9Y285	Phenylalanine--tRNA ligase alpha subunit	57.5	FARSA	386	19	9	9	10	2.16E+07
P27348	14-3-3 protein theta	27.7	YWHAQ	381	37	5	9	9	4.28E+07
Q96UJ6	Mannose-1-phosphate guanyltransferase alpha	46.3	GMPPA	370	26	10	10	10	6.59E+07
P62753	40S ribosomal protein S6	28.7	RPS6	368	33	8	8	10	3.60E+07
Q9UPU7	TBC1 domain family member 2B	109.8	TBC1D2B	367	14	11	11	12	2.59E+07
P09651	Heterogeneous nuclear ribonucleoprotein A1	38.7	HNRNPA1	362	28	7	8	10	4.47E+07
P05388	60S acidic ribosomal protein P0	34.3	RPLP0	362	27	7	7	9	4.38E+07
Q12905	Interleukin enhancer-binding factor 2	43	ILF2	359	28	7	7	9	1.15E+07
P35232	Prohibitin	29.8	PHB	358	43	9	9	9	2.16E+07
O96008	Mitochondrial import receptor subunit TOM40 homolog	37.9	TOMM40	357	25	7	7	8	1.73E+07
Q14257	Reticulocalbin-2	36.9	RCN2	356	30	7	7	8	2.97E+07
P40227	T-complex protein 1 subunit zeta	58	CCT6A	356	17	7	7	9	1.35E+07
P36542	ATP synthase subunit gamma, mitochondrial	33	ATP5F1C	354	28	8	8	10	1.42E+08

Q9BRX2	Protein pelota homolog	43.3	PELO	354	19	6	6	7	1.11E+07
Q92878	DNA repair protein RAD50	153.8	RAD50	345	7	7	7	8	9.66E+06
Q9NPL8	Complex I assembly factor TIMMDC1, mitochondrial	32.2	TIMMDC1	343	39	8	8	9	3.85E+07
Q6NUK1	Calcium-binding mitochondrial carrier protein SCaMC-1	53.3	SLC25A24	340	32	10	10	10	1.14E+07
Q9Y230	RuvB-like 2	51.1	RUVBL2	331	22	8	8	8	2.42E+07
Q9HCD6	Protein TANC2	219.5	TANC2	325	8	11	11	11	9.86E+06
Q6DN90	IQ motif and SEC7 domain-containing protein 1	108.2	IQSEC1	325	8	7	7	7	8.75E+06
P04406	Glyceraldehyde-3-phosphate dehydrogenase	36	GAPDH	318	29	6	6	6	1.98E+07
P25705	ATP synthase subunit alpha, mitochondrial	59.7	ATP5F1A	314	18	9	9	9	2.05E+07
P42285	Exosome RNA helicase MTR4	117.7	MTREX	306	13	10	10	11	3.14E+07
P04181	Ornithine aminotransferase, mitochondrial	48.5	OAT	303	22	8	8	8	2.13E+07
Q92947	Glutaryl-CoA dehydrogenase, mitochondrial	48.1	GCDH	295	28	8	8	9	3.20E+07
O75306	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial	52.5	NDUFS2	293	15	5	5	6	2.99E+07
Q3ZCQ8	Mitochondrial import inner membrane translocase subunit TIM50	39.6	TIMM50	288	23	7	7	7	2.56E+07
P42694	Probable helicase with zinc finger domain	218.8	HELZ	288	5	8	8	8	1.31E+07
Q9Y6C9	Mitochondrial carrier homolog 2	33.3	MTCH2	286	32	7	7	7	1.53E+07
P61221	ATP-binding cassette sub-family E member 1	67.3	ABCE1	286	18	7	7	8	1.23E+07
Q9P035	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	43.1	HACD3	284	27	8	8	8	2.96E+07
P06576	ATP synthase subunit beta, mitochondrial	56.5	ATP5F1B	282	16	6	6	7	1.29E+07
P18124	60S ribosomal protein L7	29.2	RPL7	280	38	9	9	10	3.82E+07
O95373	Importin-7	119.4	IPO7	280	8	7	7	8	1.30E+07
P55060	Exportin-2	110.3	CSE1L	280	14	11	11	11	7.78E+06
Q9H0D6	5'-3' exoribonuclease 2	108.5	XRN2	279	9	8	8	9	1.33E+07
P07910	Heterogeneous nuclear ribonucleoproteins C1/C2	33.7	HNRNPC	274	19	6	6	7	2.87E+07
Q13363	C-terminal-binding protein 1	47.5	CTBP1	270	20	3	5	6	2.50E+07
P31946	14-3-3 protein beta/alpha	28.1	YWHAB	266	24	2	6	7	2.41E+06
Q9BPW8	Protein NipSnap homolog 1	33.3	NIPSNAP1	266	26	5	6	8	2.11E+07
P53396	ATP-citrate synthase	120.8	ACLY	262	9	8	8	8	1.01E+07
A3KMH1	von Willebrand factor A domain-containing protein 8	214.7	VWA8	259	5	7	7	8	3.71E+06
P35250	Replication factor C subunit 2	39.1	RFC2	258	21	6	6	6	8.36E+06

P04844	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	69.2	RPN2	257	14	5	5	5	8.69E+06
Q9NZ01	Very-long-chain enoyl-CoA reductase	36	TECR	253	16	6	6	7	2.73E+07
P40937	Replication factor C subunit 5	38.5	RFC5	253	22	5	5	7	8.54E+06
Q6P4A7	Sideroflexin-4	38	SFXN4	252	19	4	4	5	1.07E+07
O75489	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	30.2	NDUFS3	252	28	6	6	6	7.26E+06
P53007	Tricarboxylate transport protein, mitochondrial	34	SLC25A1	251	30	7	7	8	2.48E+07
Q9BTZ2	Dehydrogenase/reductase SDR family member 4	29.5	DHRS4	251	26	6	6	8	8.87E+07
P30613	Pyruvate kinase PKLR	61.8	PKLR	250	4	1	3	17	2.85E+06
Q13303	Voltage-gated potassium channel subunit beta-2	41	KCNAB2	249	28	7	7	7	1.45E+07
P11177	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	39.2	PDHB	246	26	8	8	8	1.57E+07
P67809	Y-box-binding protein 1	35.9	YBX1	244	19	3	3	3	7.39E+06
P08574	Cytochrome c1, heme protein, mitochondrial	35.4	CYC1	242	20	5	5	6	1.11E+07
Q9NZJ7	Mitochondrial carrier homolog 1	41.5	MTCH1	238	12	5	5	6	1.59E+07
Q16795	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	42.5	NDUFA9	235	18	6	6	7	1.44E+07
Q9UL03	Integrator complex subunit 6	100.3	INTS6	235	9	8	8	8	8.06E+06
Q15386	Ubiquitin-protein ligase E3C	123.8	UBE3C	235	6	5	5	7	5.46E+06
P53618	Coatomer subunit beta	107.1	COPB1	234	12	8	8	9	5.82E+06
P62140	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	37.2	PPP1CB	231	25	6	6	7	4.35E+06
Q6UB35	Monofunctional C1-tetrahydrofolate synthase, mitochondrial	105.7	MTHFD1L	231	8	7	7	7	4.97E+06
O43592	Exportin-T	109.9	XPOT	231	8	7	7	8	8.04E+06
Q9Y2K2	Serine/threonine-protein kinase SIK3	144.8	SIK3	228	10	8	9	10	1.89E+07
Q9Y5A9	YTH domain-containing family protein 2	62.3	YTHDF2	226	11	5	5	6	8.32E+06
P45880	Voltage-dependent anion-selective channel protein 2	31.5	VDAC2	225	27	6	6	7	1.13E+07
P62424	60S ribosomal protein L7a	30	RPL7A	225	21	6	6	6	3.28E+07
Q16531	DNA damage-binding protein 1	126.9	DDB1	222	6	6	6	7	1.15E+07
O60716	Catenin delta-1	108.1	CTNND1	221	8	6	6	6	7.24E+06
Q07955	Serine/arginine-rich splicing factor 1	27.7	SRSF1	220	27	6	6	6	1.67E+07
Q9Y277	Voltage-dependent anion-selective channel protein 3	30.6	VDAC3	216	20	4	4	4	4.89E+06
O95429	BAG family molecular chaperone regulator 4	49.6	BAG4	215	17	5	5	5	1.11E+07

Q96C36	Pyrroline-5-carboxylate reductase 2	33.6	PYCR2	215	29	6	6	7	1.21E+07
Q15366	Poly(rC)-binding protein 2	38.6	PCBP2	215	20	4	6	6	2.08E+07
P42695	Condensin-2 complex subunit D3	168.8	NCAPD3	213	3	4	4	4	
Q15365	Poly(rC)-binding protein 1	37.5	PCBP1	211	23	5	7	7	3.75E+07
P51991	Heterogeneous nuclear ribonucleoprotein A3	39.6	HNRNPA3	201	14	3	4	5	3.18E+06
Q7L2E3	ATP-dependent RNA helicase DHX30	133.9	DHX30	201	7	7	7	7	6.90E+06
P16615	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	114.7	ATP2A2	201	9	6	6	6	7.15E+06
P33993	DNA replication licensing factor MCM7	81.3	MCM7	199	9	5	5	5	9.10E+06
Q9UBM7	7-dehydrocholesterol reductase	54.5	DHCR7	199	10	3	3	4	5.28E+06
P61619	Protein transport protein Sec61 subunit alpha isoform 1	52.2	SEC61A1	195	20	6	6	6	1.72E+07
Q96HP0	Dedicator of cytokinesis protein 6	229.4	DOCK6	194	4	4	6	6	5.41E+06
Q9BWF3	RNA-binding protein 4	40.3	RBM4	194	21	2	5	5	8.37E+06
P43246	DNA mismatch repair protein Msh2	104.7	MSH2	194	7	6	6	6	9.82E+06
P63104	14-3-3 protein zeta/delta	27.7	YWHAZ	194	29	3	6	6	5.37E+06
P08865	40S ribosomal protein SA	32.8	RPSA	190	19	3	3	3	5.62E+06
Q9HC21	Mitochondrial thiamine pyrophosphate carrier	35.5	SLC25A19	185	24	9	9	9	2.14E+07
Q86VI3	Ras GTPase-activating-like protein IQGAP3	184.6	IQGAP3	184	5	5	5	5	4.41E+06
P07195	L-lactate dehydrogenase B chain	36.6	LDHB	183	13	4	4	4	1.38E+07
P06748	Nucleophosmin	32.6	NPM1	182	14	3	3	4	2.20E+07
Q15233	Non-POU domain-containing octamer-binding protein	54.2	NONO	182	13	5	6	6	1.79E+07
P61981	14-3-3 protein gamma	28.3	YWHAG	180	20	2	5	5	2.74E+06
Q9H2D1	Mitochondrial folate transporter/carrier	35.4	SLC25A32	178	14	3	3	3	2.18E+06
Q8IXT5	RNA-binding protein 12B	118	RBM12B	178	7	5	5	5	6.17E+06
P55735	Protein SEC13 homolog	35.5	SEC13	178	13	3	3	3	7.82E+06
A1L0T0	2-hydroxyacyl-CoA lyase 2	67.8	ILVBL	178	6	3	3	3	3.66E+06
Q14671	Pumilio homolog 1	126.4	PUM1	178	7	6	6	6	2.97E+07
P22830	Ferrochelatase, mitochondrial	47.8	FECH	177	14	6	6	6	7.50E+06
Q9HA92	Radical S-adenosyl methionine domain-containing protein 1, mitochondrial	48.7	RSAD1	176	8	3	3	3	5.49E+06
P28482	Mitogen-activated protein kinase 1	41.4	MAPK1	174	25	4	7	8	1.33E+07
P53985	Monocarboxylate transporter 1	53.9	SLC16A1	174	13	4	4	5	1.58E+07
P31040	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	72.6	SDHA	171	10	5	5	5	5.89E+06

Q07666	KH domain-containing, RNA-binding, signal transduction-associated protein 1	48.2	KHDRBS1	171	12	4	4	6	1.48E+07
Q96HS1	Serine/threonine-protein phosphatase PGAM5, mitochondrial	32	PGAM5	170	26	8	8	8	3.31E+07
Q9BQ04	RNA-binding protein 4B	40.1	RBM4B	163	13	1	4	4	7.77E+05
Q86UK7	E3 ubiquitin-protein ligase ZNF598	98.6	ZNF598	160	9	6	6	6	5.75E+06
P39023	60S ribosomal protein L3	46.1	RPL3	157	20	7	7	7	2.35E+07
P36578	60S ribosomal protein L4	47.7	RPL4	155	12	5	5	5	1.29E+07
O43837	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial	42.2	IDH3B	154	11	4	4	5	1.68E+07
Q9Y305	Acyl-coenzyme A thioesterase 9, mitochondrial	49.9	ACOT9	152	8	3	3	4	9.93E+06
Q15773	Myeloid leukemia factor 2	28.1	MLF2	151	16	3	3	3	6.21E+06
P62241	40S ribosomal protein S8	24.2	RPS8	151	20	4	4	4	7.95E+06
O95347	Structural maintenance of chromosomes protein 2	135.6	SMC2	151	3	3	3	4	4.32E+06
P50991	T-complex protein 1 subunit delta	57.9	CCT4	150	7	4	4	4	6.86E+06
O14981	TATA-binding protein-associated factor 172	206.8	BTAF1	150	2	2	2	2	6.25E+05
Q13151	Heterogeneous nuclear ribonucleoprotein A0	30.8	HNRNPA0	149	15	3	3	3	3.50E+06
Q6R327	Rapamycin-insensitive companion of mTOR	192.1	RICTOR	148	3	5	5	5	5.01E+06
O60762	Dolichol-phosphate mannosyltransferase subunit 1	29.6	DPM1	147	26	5	5	5	1.68E+07
Q9NXW2	DnaJ homolog subfamily B member 12	41.8	DNAJB12	143	9	3	3	3	8.47E+06
Q86V81	THO complex subunit 4	26.9	ALYREF	141	11	2	2	3	1.13E+07
Q53H12	Acylglycerol kinase, mitochondrial	47.1	AGK	140	11	3	3	3	4.96E+06
Q9H853	Putative tubulin-like protein alpha-4B	27.5	TUBA4B	139	11	1	2	3	6.05E+06
P49756	RNA-binding protein 25	100.1	RBM25	139	6	5	5	5	4.87E+06
A0A0A0MS14	Immunoglobulin heavy variable 1-45	13.5	IGHV1-45	139	9	1	1	4	1.71E+08
Q9NRZ9	Lymphoid-specific helicase	97	HELLS	137	7	5	5	6	5.66E+06
P26373	60S ribosomal protein L13	24.2	RPL13	136	14	3	3	3	8.13E+06
P61962	DDB1- and CUL4-associated factor 7	38.9	DCAF7	136	23	7	7	8	2.45E+07
Q15717	ELAV-like protein 1	36.1	ELAVL1	135	11	3	3	3	5.65E+06
O14979	Heterogeneous nuclear ribonucleoprotein D-like	46.4	HNRNPDL	135	10	3	4	4	7.64E+06
Q16629	Serine/arginine-rich splicing factor 7	27.4	SRSF7	135	17	4	4	5	7.31E+06
P48729	Casein kinase I isoform alpha	38.9	CSNK1A1	135	12	4	4	4	1.14E+07
Q01081	Splicing factor U2AF 35 kDa subunit	27.9	U2AF1	134	16	3	3	3	6.41E+06
Q9BZH6	WD repeat-containing protein 11	136.6	WDR11	134	4	5	5	5	5.95E+06
Q07021	Complement component 1 Q subcomponent-binding	31.3	C1QBP	132	17	3	3	3	3.54E+06

	protein, mitochondrial								
Q14498	RNA-binding protein 39	59.3	RBM39	131	5	2	2	2	2.30E+06
P62917	60S ribosomal protein L8	28	RPL8	130	19	4	4	4	1.64E+07
O75190	DnaJ homolog subfamily B member 6	36.1	DNAJB6	130	15	4	4	4	8.35E+06
P48643	T-complex protein 1 subunit epsilon	59.6	CCT5	128	8	3	3	3	3.80E+06
Q9UJZ1	Stomatin-like protein 2, mitochondrial	38.5	STOML2	126	9	2	2	3	2.31E+06
P12004	Proliferating cell nuclear antigen	28.8	PCNA	126	17	4	4	5	1.72E+07
Q93100	Phosphorylase b kinase regulatory subunit beta	124.8	PHKB	126	3	3	3	3	1.51E+06
P49327	Fatty acid synthase	273.3	FASN	125	2	4	4	4	1.67E+06
Q14103	Heterogeneous nuclear ribonucleoprotein D0	38.4	HNRNPD	125	16	6	7	7	3.15E+07
Q9BZE1	39S ribosomal protein L37, mitochondrial	48.1	MRPL37	123	9	3	3	3	8.31E+06
P04040	Catalase	59.7	CAT	121	8	4	4	4	6.20E+06
O60573	Eukaryotic translation initiation factor 4E type 2	28.3	EIF4E2	120	12	3	3	3	8.30E+06
P23246	Splicing factor, proline- and glutamine-rich	76.1	SFPQ	120	8	3	4	4	6.03E+06
P57678	Gem-associated protein 4	120	GEMIN4	120	5	4	4	4	4.95E+06
Q7Z7H8	39S ribosomal protein L10, mitochondrial	29.3	MRPL10	119	7	1	1	2	6.32E+05
Q14739	Delta(14)-sterol reductase LBR	70.7	LBR	119	4	3	3	3	1.18E+07
Q9NVH1	DnaJ homolog subfamily C member 11	63.2	DNAJC11	117	7	3	3	3	3.74E+06
P82930	28S ribosomal protein S34, mitochondrial	25.6	MRPS34	117	17	5	5	5	6.68E+06
Q15029	116 kDa U5 small nuclear ribonucleoprotein component	109.4	EFTUD2	116	5	3	4	4	3.24E+06
P56545	C-terminal-binding protein 2	48.9	CTBP2	116	6	1	3	3	5.83E+05
Q9NYF8	Bcl-2-associated transcription factor 1	106.1	BCLAF1	115	6	4	4	4	6.24E+06
Q9NX63	MICOS complex subunit MIC19	26.1	CHCHD3	115	12	3	3	3	5.45E+06
P04049	RAF proto-oncogene serine/threonine-protein kinase	73	RAF1	115	8	2	4	4	5.41E+06
Q6YN16	Hydroxysteroid dehydrogenase-like protein 2	45.4	HSDL2	112	6	2	2	2	2.28E+06
Q92552	28S ribosomal protein S27, mitochondrial	47.6	MRPS27	112	11	4	4	4	6.06E+06
Q15070	Mitochondrial inner membrane protein OXA1L	48.5	OXA1L	111	11	5	5	5	1.88E+07
O00767	Stearoyl-CoA desaturase	41.5	SCD	110	12	3	3	3	2.19E+06
P40938	Replication factor C subunit 3	40.5	RFC3	110	11	3	3	3	5.86E+06
O14579	Coatomer subunit epsilon	34.5	COPE	109	11	2	2	2	2.33E+06
Q9Y5V3	Melanoma-associated antigen D1	86.1	MAGED1	109	4	3	3	3	3.68E+06
Q9NSE4	Isoleucine--tRNA ligase, mitochondrial	113.7	IARS2	108	4	3	3	3	9.61E+05

Q9H4B6	Protein salvador homolog 1	44.6	SAV1	108	10	4	4	4	5.83E+06
Q96P70	Importin-9	115.9	IPO9	108	5	3	3	3	2.09E+06
Q13247	Serine/arginine-rich splicing factor 6	39.6	SRSF6	107	6	1	2	2	2.14E+06
P81605	Dermeidin	11.3	DCD	105	20	2	2	2	6.89E+06
Q15645	Pachytene checkpoint protein 2 homolog	48.5	TRIP13	105	11	4	4	4	7.91E+06
P22626	Heterogeneous nuclear ribonucleoproteins A2/B1	37.4	HNRNPA2B1	105	11	3	3	3	6.17E+06
Q9BUJ2	Heterogeneous nuclear ribonucleoprotein U-like protein 1	95.7	HNRNPUL1	104	4	2	2	2	1.87E+06
Q15293	Reticulocalbin-1	38.9	RCN1	102	13	2	2	2	2.21E+06
P61160	Actin-related protein 2	44.7	ACTR2	102	6	2	2	2	1.24E+06
Q9BVP2	Guanine nucleotide-binding protein-like 3	62	GNL3	102	6	3	3	3	2.31E+06
P10398	Serine/threonine-protein kinase A-Raf	67.5	ARAF	101	7	1	3	3	
Q15120	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial	46.9	PK3	100	4	1	1	2	1.09E+05
Q01130	Serine/arginine-rich splicing factor 2	25.5	SRSF2	100	14	3	3	3	1.53E+07
P27361	Mitogen-activated protein kinase 3	43.1	MAPK3	100	16	1	4	4	
Q68E01	Integrator complex subunit 3	118	INTS3	99	2	2	2	2	3.46E+05
Q92598	Heat shock protein 105 kDa	96.8	HSPH1	99	4	3	3	3	2.58E+06
P13929	Beta-enolase	47	ENO3	98	9	2	2	2	
Q6PKG0	La-related protein 1	123.4	LARP1	98	4	3	3	3	5.13E+05
Q8N122	Regulatory-associated protein of mTOR	148.9	RPTOR	98	2	2	2	2	3.64E+05
P52701	DNA mismatch repair protein Msh6	152.7	MSH6	97	3	3	3	3	2.24E+06
Q08170	Serine/arginine-rich splicing factor 4	56.6	SRSF4	97	4	1	2	2	2.74E+06
Q9BZX2	Uridine-cytidine kinase 2	29.3	UCK2	97	9	2	2	2	3.23E+06
Q8WWI1	LIM domain only protein 7	192.6	LMO7	96	2	3	3	3	1.80E+06
Q9NXS2	Glutamyl-peptide cyclotransferase-like protein	42.9	QPCTL	96	6	2	2	2	1.95E+06
P62987	Ubiquitin-60S ribosomal protein L40	14.7	UBA52	95	34	4	4	4	5.26E+07
Q9H936	Mitochondrial glutamate carrier 1	34.4	SLC25A22	95	9	3	3	3	8.47E+06
Q14157	Ubiquitin-associated protein 2-like	114.5	UBAP2L	95	2	2	2	2	9.38E+05
Q9C0C7	Activating molecule in BECN1-regulated autophagy protein 1	142.4	AMBRA1	95	4	3	3	3	2.36E+06
P43003	Excitatory amino acid transporter 1	59.5	SLC1A3	94	2	1	1	1	
Q9BVI4	Nucleolar complex protein 4 homolog	58.4	NOC4L	93	4	1	1	1	3.09E+05
O43929	Origin recognition complex subunit 4	50.3	ORC4	93	9	3	3	3	1.60E+06
O75419	Cell division control protein 45 homolog	65.5	CDC45	92	8	4	4	4	5.84E+06

P55072	Transitional endoplasmic reticulum ATPase	89.3	VCP	92	3	2	2	2	1.53E+06
Q5VZK9	F-actin-uncapping protein LRRC16A	151.5	CARMIL1	92	3	4	4	4	3.05E+06
Q8ND56	Protein LSM14 homolog A	50.5	LSM14A	91	8	4	4	5	1.15E+07
Q9Y3Z3	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	72.2	SAMHD1	91	6	3	3	3	5.44E+06
P19623	Spermidine synthase	33.8	SRM	91	15	3	3	3	2.12E+06
Q53S58	Transmembrane protein 177	33.7	TMEM177	90	5	2	2	2	8.25E+06
Q96GD4	Aurora kinase B	39.3	AURKB	89	13	3	3	3	3.44E+06
Q15021	Condensin complex subunit 1	157.1	NCAPD2	89	2	3	3	3	3.04E+06
Q8N8R3	Mitochondrial basic amino acids transporter	32	SLC25A29	88	8	1	1	1	4.99E+05
Q9NX61	Transmembrane protein 161A	53.6	TMEM161A	86	3	1	1	1	
O76031	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial	69.2	CLPX	85	5	3	3	3	4.46E+06
P07814	Bifunctional glutamate/proline--tRNA ligase	170.5	EPRS1	85	2	3	3	3	2.66E+06
Q9BXW7	Haloacid dehalogenase-like hydrolase domain-containing 5	46.3	HDHD5	85	3	1	1	1	3.55E+05
P15735	Phosphorylase b kinase gamma catalytic chain, liver/testis isoform	46.4	PHKG2	85	6	2	2	2	3.51E+06
P62195	26S proteasome regulatory subunit 8	45.6	PSMC5	84	7	3	3	3	6.94E+06
O95163	Elongator complex protein 1	150.2	ELP1	84	1	1	1	1	
P46782	40S ribosomal protein S5	22.9	RPS5	83	7	1	1	1	9.90E+05
O14744	Protein arginine N-methyltransferase 5	72.6	PRMT5	83	6	3	3	3	6.36E+06
Q9NRK6	ATP-binding cassette sub-family B member 10, mitochondrial	79.1	ABCB10	83	3	2	2	2	3.48E+05
P40926	Malate dehydrogenase, mitochondrial	35.5	MDH2	82	9	2	2	2	
P62906	60S ribosomal protein L10a	24.8	RPL10A	81	15	3	3	3	8.24E+06
O15460	Prolyl 4-hydroxylase subunit alpha-2	60.9	P4HA2	81	6	2	2	2	3.99E+06
P46977	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A	80.5	STT3A	81	4	3	3	3	6.88E+06
P38159	RNA-binding motif protein, X chromosome	42.3	RBMX	81	8	3	3	3	6.31E+06
Q8IWV8	E3 ubiquitin-protein ligase UBR2	200.4	UBR2	80	2	2	2	2	1.28E+06
Q00610	Clathrin heavy chain 1	191.5	CLTC	80	2	2	2	2	1.15E+06
O00410	Importin-5	123.6	IPO5	79	3	2	2	2	1.12E+06
P13797	Plastin-3	70.8	PLS3	79	4	2	2	2	1.53E+06
O75323	Protein NipSnap homolog 2	33.7	NIPSNAP2	78	8	2	3	4	2.98E+06
Q9BQA1	Methylosome protein 50	36.7	WDR77	78	4	1	1	1	

Q15149	Plectin	531.5	PLEC	77	1	2	2	2	3.10E+06
Q15477	Helicase SKI2W	137.7	SKIV2L	77	1	1	1	2	4.63E+05
P08238	Heat shock protein HSP 90-beta	83.2	HSP90AB1	76	4	3	3	3	2.44E+06
P63010	AP-2 complex subunit beta	104.5	AP2B1	74	2	1	1	1	
Q92621	Nuclear pore complex protein Nup205	227.8	NUP205	73	1	1	1	1	
Q9UPQ9	Trinucleotide repeat-containing gene 6B protein	193.9	TNRC6B	73	1	2	2	2	1.61E+06
Q14558	Phosphoribosyl pyrophosphate synthase-associated protein 1	39.4	PRPSAP1	73	3	1	1	1	
O00743	Serine/threonine-protein phosphatase 6 catalytic subunit	35.1	PPP6C	73	16	3	3	3	2.75E+05
Q8IY63	Angiomotin-like protein 1	106.5	AMOTL1	73	2	1	2	2	3.82E+06
P51553	Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial	42.8	IDH3G	72	8	2	2	2	1.97E+06
Q9Y2W1	Thyroid hormone receptor-associated protein 3	108.6	THRAP3	72	2	2	2	2	2.88E+06
Q9H1A4	Anaphase-promoting complex subunit 1	216.4	ANAPC1	72	1	1	1	1	
O43390	Heterogeneous nuclear ribonucleoprotein R	70.9	HNRNPR	72	3	2	2	2	3.57E+06
P43686	26S proteasome regulatory subunit 6B	47.3	PSMC4	71	4	1	1	2	5.45E+05
Q66LE6	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform	52	PPP2R2D	71	3	1	1	1	
Q13200	26S proteasome non-ATPase regulatory subunit 2	100.1	PSMD2	71	3	2	2	2	1.23E+06
Q13148	TAR DNA-binding protein 43	44.7	TARDBP	70	3	1	1	1	
Q9Y3Y2	Chromatin target of PRMT1 protein	26.4	CHTOP	70	5	1	1	1	1.29E+06
Q9UHI6	Probable ATP-dependent RNA helicase DDX20	92.2	DDX20	69	4	2	2	2	8.39E+05
Q96EE3	Nucleoporin SEH1	39.6	SEH1L	69	6	2	2	2	9.61E+05
O43684	Mitotic checkpoint protein BUB3	37.1	BUB3	69	6	2	2	2	3.30E+06
P17980	26S proteasome regulatory subunit 6A	49.2	PSMC3	69	6	2	2	2	7.67E+05
P49750	YLP motif-containing protein 1	241.5	YLPM1	68	1	2	2	3	
O75600	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial	45.3	GCAT	68	3	1	1	1	6.99E+05
Q13595	Transformer-2 protein homolog alpha	32.7	TRA2A	68	7	2	2	2	4.21E+06
P39656	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	50.8	DDOST	67	7	3	3	3	4.33E+06
Q13573	SNW domain-containing protein 1	61.5	SNW1	67	4	1	1	1	1.36E+06
O94822	E3 ubiquitin-protein ligase listerin	200.4	LTN1	66	1	1	1	1	5.38E+05
Q9BRP1	Programmed cell death protein 2-like	39.4	PDCD2L	66	8	2	2	2	3.03E+06
Q9BT40	Inositol polyphosphate 5-phosphatase K	51.1	INPP5K	66	4	2	2	2	1.92E+06

Q9H0K1	Serine/threonine-protein kinase SIK2	103.8	SIK2	66	2	1	2	2	5.55E+05
P32322	Pyroline-5-carboxylate reductase 1, mitochondrial	33.3	PYCR1	66	6	1	1	1	1.64E+06
P16402	Histone H1.3	22.3	H1-3	65	11	2	2	2	9.63E+06
O43542	DNA repair protein XRCC3	37.8	XRCC3	65	4	1	1	1	5.02E+05
O75533	Splicing factor 3B subunit 1	145.7	SF3B1	65	2	2	2	2	3.88E+05
Q6NZY4	Zinc finger CCHC domain-containing protein 8	78.5	ZCCHC8	64	4	2	2	2	3.04E+06
Q8NBQ5	Estradiol 17-beta-dehydrogenase 11	32.9	HSD17B11	64	14	3	3	3	1.56E+06
P12277	Creatine kinase B-type	42.6	CKB	63	11	3	3	3	2.07E+06
O00165	HCLS1-associated protein X-1	31.6	HAX1	63	7	2	2	2	5.70E+06
P11387	DNA topoisomerase 1	90.7	TOP1	63	5	2	2	2	1.08E+06
P41252	Isoleucine--tRNA ligase, cytoplasmic	144.4	IARS1	63	1	1	1	1	1.30E+06
Q99569	Plakophilin-4	131.8	PKP4	62	2	2	2	2	
P19387	DNA-directed RNA polymerase II subunit RPB3	31.4	POLR2C	62	8	2	2	2	4.03E+06
Q15637	Splicing factor 1	68.3	SF1	62	2	1	1	1	1.33E+06
O14976	Cyclin-G-associated kinase	143.1	GAK	61	1	1	1	1	
Q02241	Kinesin-like protein KIF23	110	KIF23	61	2	1	1	1	5.10E+05
O00411	DNA-directed RNA polymerase, mitochondrial	138.5	POLRMT	61	2	1	1	1	
P68400	Casein kinase II subunit alpha	45.1	CSNK2A1	60	8	2	2	2	2.31E+06
Q9NTJ3	Structural maintenance of chromosomes protein 4	147.1	SMC4	59	1	2	2	2	2.66E+06
P36551	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial	50.1	CPOX	59	5	2	2	2	1.64E+06
O15091	Mitochondrial ribonuclease P catalytic subunit	67.3	PRORP	59	2	1	1	1	5.51E+05
Q12840	Kinesin heavy chain isoform 5A	117.3	KIF5A	59	1	1	1	1	
Q99460	26S proteasome non-ATPase regulatory subunit 1	105.8	PSMD1	59	1	1	1	1	7.75E+05
P11802	Cyclin-dependent kinase 4	33.7	CDK4	58	5	1	1	1	8.94E+05
Q9BV68	E3 ubiquitin-protein ligase RNF126	33.8	RNF126	58	7	2	2	2	3.29E+06
Q5W0B1	ORC ubiquitin ligase 1	81.1	OBI1	57	2	1	1	1	
Q9H5Q4	Dimethyladenosine transferase 2, mitochondrial	45.3	TFB2M	57	4	2	2	2	3.22E+06
Q9BSF4	Mitochondrial import inner membrane translocase subunit Tim29	29.2	TIMM29	57	8	2	2	2	2.24E+06
Q8NC51	Plasminogen activator inhibitor 1 RNA-binding protein	44.9	SERBP1	57	4	1	1	1	
Q13642	Four and a half LIM domains protein 1	36.2	FHL1	57	4	1	1	1	2.57E+06
P08559	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	43.3	PDHA1	57	3	1	1	1	2.10E+06

P19367	Hexokinase-1	102.4	HK1	56	1	1	1	1	1.05E+06
P52292	Importin subunit alpha-1	57.8	KPNA2	56	3	1	1	1	6.33E+05
Q969N2	GPI transamidase component PIG-T	65.7	PIGT	56	3	1	1	1	
Q9UPN7	Serine/threonine-protein phosphatase 6 regulatory subunit 1	96.7	PPP6R1	56	1	1	1	1	3.28E+06
Q5VYK3	Proteasome adapter and scaffold protein ECM29	204.2	ECPAS	56	1	1	1	1	
Q9C0A0	Contactin-associated protein-like 4	145.2	CNTNAP4	56	1	1	1	1	5.57E+06
O15084	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A	112.9	ANKRD28	56	4	3	3	3	5.19E+06
Q9Y580	RNA-binding protein 7	30.5	RBM7	56	7	1	1	1	
P11940	Polyadenylate-binding protein 1	70.6	PABPC1	55	3	2	2	2	2.76E+06
Q86XI2	Condensin-2 complex subunit G2	130.9	NCAPG2	54	2	2	2	2	1.27E+06
Q9H9P8	L-2-hydroxyglutarate dehydrogenase, mitochondrial	50.3	L2HGDH	54	2	1	1	1	4.61E+05
Q6AI08	HEAT repeat-containing protein 6	128.7	HEATR6	54	2	2	2	2	
P43307	Translocon-associated protein subunit alpha	32.2	SSR1	54	5	1	1	1	1.43E+06
Q9NTK5	Obg-like ATPase 1	44.7	OLA1	53	4	1	1	1	
Q13131	5'-AMP-activated protein kinase catalytic subunit alpha-1	64	PRKAA1	52	4	2	2	2	
P45954	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	47.5	ACADSB	52	3	1	1	1	1.55E+06
Q9BST9	Rhotekin	62.6	RTKN	52	3	2	2	2	3.32E+06
P17812	CTP synthase 1	66.6	CTPS1	52	3	1	1	1	
P25789	Proteasome subunit alpha type-4	29.5	PSMA4	52	11	2	2	2	2.68E+06
Q9NR22	Protein arginine N-methyltransferase 8	45.3	PRMT8	52	3	1	1	1	6.66E+05
Q9UK73	Protein fem-1 homolog B	70.2	FEM1B	52	2	1	1	1	3.98E+05
Q8NI60	Atypical kinase COQ8A, mitochondrial	71.9	COQ8A	51	2	1	1	1	1.35E+06
P51114	Fragile X mental retardation syndrome-related protein 1	69.7	FXR1	51	3	2	2	2	3.40E+06
Q9BSJ2	Gamma-tubulin complex component 2	102.5	TUBGCP2	50	2	2	2	2	5.46E+06
P29597	Non-receptor tyrosine-protein kinase TYK2	133.6	TYK2	50	1	1	1	1	3.05E+05
Q14697	Neutral alpha-glucosidase AB	106.8	GANAB	50	2	2	2	2	6.25E+05
O15371	Eukaryotic translation initiation factor 3 subunit D	63.9	EIF3D	50	6	2	2	2	1.79E+06
Q9H974	Queuine tRNA-ribosyltransferase accessory subunit 2	46.7	QTRT2	50	4	1	1	1	4.15E+05
Q9Y5B6	PAX3- and PAX7-binding protein 1	104.7	PAXBP1	50	2	1	1	1	3.27E+05
P14625	Endoplasmic	92.4	HSP90B1	49	1	1	1	1	7.69E+05

Q9BXP5	Serrate RNA effector molecule homolog	100.6	SRRT	49	1	1	1	1	
P02765	Alpha-2-HS-glycoprotein	39.3	AHSG	49	2	1	1	1	8.89E+06
Q9NVH0	Exonuclease 3'-5' domain-containing protein 2	70.3	EXD2	49	2	1	1	1	6.50E+05
P52907	F-actin-capping protein subunit alpha-1	32.9	CAPZA1	49	6	1	1	1	1.04E+06
Q7L8L6	FAST kinase domain-containing protein 5, mitochondrial	86.5	FASTKD5	49	2	1	1	1	1.87E+06
Q9Y478	5'-AMP-activated protein kinase subunit beta-1	30.4	PRKAB1	48	6	1	1	1	8.39E+05
Q9NTU7	Cerebellin-4	21.8	CBLN4	48	3	1	1	1	7.33E+06
Q9Y5L0	Transportin-3	104.1	TNPO3	48	2	1	1	1	1.44E+05
Q96K37	Solute carrier family 35 member E1	44.7	SLC35E1	48	3	1	1	1	
Q6NTF9	Rhomboid domain-containing protein 2	39.2	RHBDD2	47	4	1	1	1	
P22102	Trifunctional purine biosynthetic protein adenosine-3	107.7	GART	47	1	1	1	1	4.18E+05
P62269	40S ribosomal protein S18	17.7	RPS18	47	6	1	1	1	2.14E+06
Q9BZE4	GTP-binding protein 4	73.9	GTPBP4	46	3	1	1	1	
P56192	Methionine-tRNA ligase, cytoplasmic	101.1	MARS1	46	1	1	1	1	1.21E+06
O75880	Protein SCO1 homolog, mitochondrial	33.8	SCO1	46	3	1	1	1	2.38E+06
O75494	Serine/arginine-rich splicing factor 10	31.3	SRSF10	46	6	1	1	1	2.73E+05
P04075	Fructose-bisphosphate aldolase A	39.4	ALDOA	45	4	2	2	2	6.55E+06
Q9HAV4	Exportin-5	136.2	XPO5	45	1	1	1	1	5.48E+05
Q9HAU0	Pleckstrin homology domain-containing family A member 5	127.4	PLEKHA5	45	2	2	2	2	2.24E+06
P35249	Replication factor C subunit 4	39.7	RFC4	45	2	1	1	1	1.80E+06
P55084	Trifunctional enzyme subunit beta, mitochondrial	51.3	HADHB	44	3	1	1	1	7.03E+05
P35998	26S proteasome regulatory subunit 7	48.6	PSMC2	44	5	2	2	2	2.08E+06
Q9NVII	Fanconi anemia group I protein	149.2	FANCI	44	1	2	2	2	1.34E+06
Q71RC2	La-related protein 4	80.5	LARP4	43	2	2	2	2	1.20E+06
O75643	U5 small nuclear ribonucleoprotein 200 kDa helicase	244.4	SNRNP200	43	0	1	1	1	
O43819	Protein SCO2 homolog, mitochondrial	29.8	SCO2	42	6	2	2	2	3.26E+06
O60427	Acyl-CoA (8-3)-desaturase	51.9	FADS1	42	3	1	1	1	1.25E+05
Q9NYW8	RB-associated KRAB zinc finger protein	82.9	RBAK	42	1	1	1	1	1.18E+07
Q8NI27	THO complex subunit 2	182.7	THOC2	42	1	2	2	2	9.06E+05
P13995	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial	37.9	MTHFD2	42	3	1	1	1	2.40E+06
P36507	Dual specificity mitogen-activated protein kinase	44.4	MAP2K2	42	2	1	1	1	1.04E+06

	kinase 2								
O95433	Activator of 90 kDa heat shock protein ATPase homolog 1	38.3	AHSA1	41	3	1	1	1	9.97E+05
Q8IVT5	Kinase suppressor of Ras 1	102.1	KSR1	41	2	1	1	1	
Q9NPQ8	Synembryn-A	59.7	RIC8A	41	2	1	1	1	2.55E+05
Q0P651	Protein ABHD18	46.9	ABHD18	41	1	1	1	1	5.07E+06
Q86VP6	Cullin-associated NEDD8-dissociated protein 1	136.3	CAND1	41	2	1	1	1	
Q8WVB6	Chromosome transmission fidelity protein 18 homolog	107.3	CHTF18	41	3	2	2	2	1.30E+06
Q96FW1	Ubiquitin thioesterase OTUB1	31.3	OTUB1	41	3	1	1	1	
O43808	Peroxisomal membrane protein PMP34	34.5	SLC25A17	40	5	1	1	1	7.08E+05
P22087	rRNA 2'-O-methyltransferase fibrillar	33.8	FBL	40	9	2	2	2	1.14E+06
Q7Z333	Probable helicase senataxin	302.7	SETX	40	0	1	1	1	1.18E+07
P20020	Plasma membrane calcium-transporting ATPase 1	134.6	ATP2B1	40	1	1	1	1	
Q9BY49	Peroxisomal trans-2-enoyl-CoA reductase	32.5	PECR	40	4	1	1	1	1.84E+06
P35606	Coatomer subunit beta'	102.4	COPB2	40	2	2	2	2	4.49E+06
O95835	Serine/threonine-protein kinase LATS1	126.8	LATS1	40	1	1	1	1	2.27E+06
Q92616	eIF-2-alpha kinase activator GCN1	292.6	GCN1	40	1	1	1	1	
Q13435	Splicing factor 3B subunit 2	100.2	SF3B2	39	2	2	2	2	1.14E+06
P14678	Small nuclear ribonucleoprotein-associated proteins B and B'	24.6	SNRPB	39	3	1	1	1	1.40E+06
Q96CS3	FAS-associated factor 2	52.6	FAF2	39	4	1	1	1	6.87E+05
P04183	Thymidine kinase, cytosolic	25.5	TK1	39	8	1	1	1	6.64E+05
P14866	Heterogeneous nuclear ribonucleoprotein L	64.1	HNRNPL	39	4	2	2	2	
Q96DV4	39S ribosomal protein L38, mitochondrial	44.6	MRPL38	38	2	1	1	1	5.07E+05
Q86SQ0	Pleckstrin homology-like domain family B member 2	142.1	PHLDB2	38	1	1	1	1	1.47E+06
Q9UET6	Putative tRNA (cytidine(32)/guanosine(34)-2'-O)-methyltransferase	36.1	FTSJ1	38	4	1	1	1	1.32E+06
Q96RS6	NudC domain-containing protein 1	66.7	NUDCD1	38	1	1	1	1	4.97E+06
A6NMY6	Putative annexin A2-like protein	38.6	ANXA2P2	38	5	1	1	1	
Q9Y312	Protein AAR2 homolog	43.4	AAR2	38	2	1	1	1	1.60E+06
Q7L1Q6	Basic leucine zipper and W2 domain-containing protein 1	48	BZW1	38	2	1	1	1	7.21E+05
Q4U2R8	Solute carrier family 22 member 6	61.8	SLC22A6	37	1	1	1	1	8.99E+05
Q9UPN6	SR-related and CTD-associated factor 8	140.4	SCAF8	37	1	1	1	1	1.10E+06

Q63ZY3	KN motif and ankyrin repeat domain-containing protein 2	91.1	KANK2	37	2	1	1	1	3.32E+05
Q9BYD3	39S ribosomal protein L4, mitochondrial	34.9	MRPL4	37	5	1	1	1	1.31E+06
Q1KMD3	Heterogeneous nuclear ribonucleoprotein U-like protein 2	85.1	HNRNPUL2	37	1	1	1	1	1.41E+06
Q14974	Importin subunit beta-1	97.1	KPNB1	37	2	1	1	1	
O15260	Surfeit locus protein 4	30.4	SURF4	37	6	1	1	1	
Q9NSD9	Phenylalanine--tRNA ligase beta subunit	66.1	FARSB	36	4	2	2	2	4.22E+05
Q9NQR4	Omega-amidase NIT2	30.6	NIT2	36	2	1	1	1	1.56E+06
Q9Y399	28S ribosomal protein S2, mitochondrial	33.2	MRPS2	36	3	1	1	1	1.38E+06
P51648	Aldehyde dehydrogenase family 3 member A2	54.8	ALDH3A2	35	1	1	1	1	1.25E+06
P12268	Inosine-5'-monophosphate dehydrogenase 2	55.8	IMPDH2	35	4	1	1	1	1.69E+06
Q14683	Structural maintenance of chromosomes protein 1A	143.1	SMC1A	35	1	1	1	1	
P26368	Splicing factor U2AF 65 kDa subunit	53.5	U2AF2	35	2	1	1	1	1.93E+06
Q9BRK5	45 kDa calcium-binding protein	41.8	SDF4	35	8	1	1	1	2.26E+05
Q01804	OTU domain-containing protein 4	124	OTUD4	34	1	1	1	1	6.51E+05
P51530	DNA replication ATP-dependent helicase/nuclease DNA2	120.3	DNA2	34	1	1	1	1	7.55E+06
Q9UJ70	N-acetyl-D-glucosamine kinase	37.4	NAGK	34	4	1	1	1	3.55E+05
Q9NVH2	Integrator complex subunit 7	106.8	INTS7	34	1	1	1	1	5.77E+05
Q8NFF5	FAD synthase	65.2	FLAD1	34	2	1	1	1	
Q01844	RNA-binding protein EWS	68.4	EWSR1	33	2	1	1	1	1.74E+06
Q96124	Far upstream element-binding protein 3	61.6	FUBP3	33	1	1	1	1	9.83E+05
P19474	E3 ubiquitin-protein ligase TRIM21	54.1	TRIM21	33	2	1	1	1	1.28E+06
Q9H300	Presenilins-associated rhomboid-like protein, mitochondrial	42.2	PARL	33	6	1	1	1	3.43E+05
A5YKK6	CCR4-NOT transcription complex subunit 1	266.8	CNOT1	33	1	1	1	1	
P31930	Cytochrome b-c1 complex subunit 1, mitochondrial	52.6	UQCRC1	32	1	1	1	1	1.53E+06
Q6ZXV5	Protein O-mannosyl-transferase TMTC3	103.9	TMTC3	32	1	1	1	1	3.35E+05
Q96AG4	Leucine-rich repeat-containing protein 59	34.9	LRRC59	32	4	1	1	1	1.08E+06
Q8NAT1	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2	66.6	POMGNT2	32	2	1	1	1	6.17E+05
Q96A65	Exocyst complex component 4	110.4	EXOC4	32	1	1	1	1	5.35E+05
P48735	Isocitrate dehydrogenase [NADP], mitochondrial	50.9	IDH2	32	2	1	1	1	9.76E+05
Q9Y3F4	Serine-threonine kinase receptor-associated protein	38.4	STRAP	31	4	1	1	1	9.39E+05
P04637	Cellular tumor antigen p53	43.6	TP53	31	4	1	1	1	

Q9UQ16	Dynamin-3	97.7	DNM3	31	1	1	1	1	9.56E+05
O75155	Cullin-associated NEDD8-dissociated protein 2	135.2	CAND2	31	1	1	1	1	3.50E+05
P08195	4F2 cell-surface antigen heavy chain	68	SLC3A2	31	2	1	1	1	6.98E+05
Q9BPX3	Condensin complex subunit 3	114.3	NCAPG	31	2	1	1	1	
O43175	D-3-phosphoglycerate dehydrogenase	56.6	PHGDH	30	2	1	1	1	5.54E+05
P12273	Prolactin-inducible protein	16.6	PIP	30	8	1	1	1	
O75718	Cartilage-associated protein	46.5	CRTAP	30	2	1	1	1	7.34E+05
Q06265	Exosome complex component RRP45	48.9	EXOSC9	30	3	1	1	1	
Q9Y619	Mitochondrial ornithine transporter 1	32.7	SLC25A15	30	3	1	1	1	2.74E+06
Q14117	Dihydropyrimidinase	56.6	DPYS	29	1	1	1	1	1.28E+07
Q00537	Cyclin-dependent kinase 17	59.5	CDK17	29	2	1	1	1	5.11E+05
Q6P1J9	Parafibromin	60.5	CDC73	29	2	1	1	1	4.32E+05
Q5VT25	Serine/threonine-protein kinase MRCK alpha	197.2	CDC42BPA	29	1	1	1	1	1.15E+06
Q96RT1	Erbin	158.2	ERBIN	28	1	1	1	1	
Q9UG56	Phosphatidylserine decarboxylase proenzyme, mitochondrial	46.6	PISD	28	4	1	1	1	
P51784	Ubiquitin carboxyl-terminal hydrolase 11	109.7	USP11	28	1	1	1	1	1.11E+06
P46940	Ras GTPase-activating-like protein IQGAP1	189.1	IQGAP1	28	1	1	1	1	2.73E+05
P46777	60S ribosomal protein L5	34.3	RPL5	28	3	1	1	1	3.35E+06
O75400	Pre-mRNA-processing factor 40 homolog A	108.7	PRPF40A	28	1	1	1	1	2.65E+06
P09012	U1 small nuclear ribonucleoprotein A	31.3	SNRPA	28	4	1	1	1	1.27E+06
Q01813	ATP-dependent 6-phosphofructokinase, platelet type	85.5	PFKP	28	1	1	1	1	5.31E+05
Q9Y679	Lipid droplet-regulating VLDL assembly factor AUP1	45.8	AUP1	27	3	1	1	1	
Q9HA64	Ketosamine-3-kinase	34.4	FN3KRP	27	2	1	1	1	6.47E+05
P12532	Creatine kinase U-type, mitochondrial	47	CKMT1A	27	2	1	1	1	3.00E+06
Q96QU8	Exportin-6	128.8	XPO6	27	1	1	1	1	
P62995	Transformer-2 protein homolog beta	33.6	TRA2B	27	5	1	1	1	1.44E+06
P17028	Zinc finger protein 24	42.1	ZNF24	27	4	1	1	1	7.38E+05
Q16778	Histone H2B type 2-E	13.9	H2BC21	27	7	1	1	1	1.47E+06
Q9NZT1	Calmodulin-like protein 5	15.9	CALML5	26	10	1	1	1	
Q8TEX9	Importin-4	118.6	IPO4	25	1	1	1	1	
A6NFN3	RNA binding protein fox-1 homolog 3	33.9	RBFOX3	25	3	1	1	1	
Q8WWM7	Ataxin-2-like protein	113.3	ATXN2L	25	1	1	1	1	6.97E+05

Q9NYK5	39S ribosomal protein L39, mitochondrial	38.7	MRPL39	25	3	1	1	1	
Q5QP82	DDB1- and CUL4-associated factor 10	60.5	DCAF10	25	4	1	1	1	4.08E+05
Q16378	Proline-rich protein 4	15.1	PRR4	25	4	1	1	1	1.78E+06
P31153	S-adenosylmethionine synthase isoform type-2	43.6	MAT2A	25	2	1	1	1	1.38E+06
Q9BXT8	RING finger protein 17	184.5	RNF17	24	1	1	1	1	1.46E+06
Q9NWH9	SAFB-like transcription modulator	117.1	SLTM	24	2	1	1	1	
Q93075	Putative deoxyribonuclease TATDN2	85	TATDN2	24	2	1	1	1	
Q8NBU5	Outer mitochondrial transmembrane helix translocase	40.7	ATAD1	24	2	1	1	1	3.83E+06
Q8WUM0	Nuclear pore complex protein Nup133	128.9	NUP133	24	1	1	1	1	6.16E+05
P56270	Myc-associated zinc finger protein	48.6	MAZ	24	3	1	1	1	2.75E+05
Q6PGP7	Tetratricopeptide repeat protein 37	175.4	TTC37	24	0	1	1	1	6.35E+05
Q6P1M0	Long-chain fatty acid transport protein 4	72	SLC27A4	24	2	1	1	1	1.56E+06
O14598	Testis-specific basic protein Y 1	12.9	VCY	24	7	1	1	1	8.34E+05
Q32P28	Prolyl 3-hydroxylase 1	83.3	P3H1	24	1	1	1	1	1.98E+05
Q99943	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha	31.7	AGPAT1	23	4	1	1	1	3.72E+06
Q9H799	Ciliogenesis and planar polarity effector 1	361.5	CPLANE1	23	0	1	1	1	7.45E+06
Q86U90	YrdC domain-containing protein, mitochondrial	29.3	YRDC	23	3	1	1	1	1.50E+06
Q96KP1	Exocyst complex component 2	104	EXOC2	23	1	1	1	1	2.93E+05
Q9HBH5	Retinol dehydrogenase 14	36.8	RDH14	23	2	1	1	1	1.93E+06
Q5JTZ9	Alanine--tRNA ligase, mitochondrial	107.3	AARS2	23	1	1	1	1	7.52E+05
O94906	Pre-mRNA-processing factor 6	106.9	PRPF6	23	2	1	1	1	
Q06609	DNA repair protein RAD51 homolog 1	36.9	RAD51	23	5	1	1	1	1.38E+06
Q6ZW31	Rho GTPase-activating protein SYDE1	79.7	SYDE1	23	2	1	1	1	
Q8TEQ6	Gem-associated protein 5	168.5	GEMIN5	22	0	1	1	1	6.54E+05
Q8IZF5	Adhesion G-protein coupled receptor F3	116.3	ADGRF3	22	1	1	1	1	2.37E+06
Q7KZN9	Cytochrome c oxidase assembly protein COX15 homolog	46	COX15	22	2	1	1	1	1.50E+06
Q16099	Glutamate receptor ionotropic, kainate 4	107.2	GRIK4	22	1	1	1	1	1.43E+06
Q9H2V7	Protein spinster homolog 1	56.6	SPNS1	22	1	1	1	1	1.69E+06
Q6P2Q9	Pre-mRNA-processing-splicing factor 8	273.4	PRPF8	22	0	1	1	1	
P55209	Nucleosome assembly protein 1-like 1	45.3	NAP1L1	22	3	1	1	1	3.51E+05
Q13371	Phosducin-like protein	34.3	PDCL	22	2	1	1	1	9.97E+07
Q9NRA8	Eukaryotic translation initiation factor 4E	108.1	EIF4ENIF1	22	1	1	1	1	1.26E+06

	transporter								
Q96BT7	Alkylated DNA repair protein alkB homolog 8	75.2	ALKBH8	22	1	1	1	1	3.60E+06
P78406	mRNA export factor	40.9	RAE1	21	4	1	1	1	1.06E+06
P82673	28S ribosomal protein S35, mitochondrial	36.8	MRPS35	21	4	1	1	1	4.62E+05
Q9Y586	Protein mab-21-like 2	40.9	MAB21L2	21	2	1	1	1	3.92E+06
Q9Y224	RNA transcription, translation and transport factor protein	28.1	RTRAF	21	3	1	1	1	7.83E+05
P27694	Replication protein A 70 kDa DNA-binding subunit	68.1	RPA1	21	3	1	1	1	1.39E+06
P43378	Tyrosine-protein phosphatase non-receptor type 9	68	PTPN9	21	2	1	1	1	
P08670	Vimentin	53.6	VIM	21	2	1	1	1	9.83E+05
Q12756	Kinesin-like protein KIF1A	190.9	KIF1A	21	1	1	1	1	3.28E+05
P37198	Nuclear pore glycoprotein p62	53.2	NUP62	21	3	1	1	1	
Q9NY12	H/ACA ribonucleoprotein complex subunit 1	22.3	GAR1	21	4	1	1	1	9.88E+05
Q6NZ36	Fanconi anemia core complex-associated protein 20	19.9	FAAP20	21	4	1	1	1	1.42E+07
Q9BW92	Threonine--tRNA ligase, mitochondrial	81	TARS2	20	1	1	1	1	1.54E+07
Q9P2J5	Leucine--tRNA ligase, cytoplasmic	134.4	LARS1	20	2	1	1	1	3.15E+05
Q9UQE7	Structural maintenance of chromosomes protein 3	141.5	SMC3	20	1	1	1	1	3.69E+06
Q9Y2S7	Polymerase delta-interacting protein 2	42	POLDIP2	20	3	1	1	1	1.20E+06
P62333	26S proteasome regulatory subunit 10B	44.1	PSMC6	20	2	1	1	1	9.30E+05
Q9Y2X9	Zinc finger protein 281	96.9	ZNF281	20	1	1	1	1	5.46E+05
P26640	Valine--tRNA ligase	140.4	VAR51	20	2	1	1	1	