

### Supplementary Table\_1

Protein identification and quantification data from the MaxQuant analysis of LC-MS/MS runs of tryptic digests from ADCY8 immunoprecipitates from HEK293 and U-87 cells, as well as the corresponding input material (cell lysates). Shown are significant protein identifications with 1% false discovery rate (target-decoy search, FDR 0.01). Quantification data shown as protein raw intensities ('Intensity' columns) and normalized label-free quantification intensities, as described in reference [1] ('LFQ intensity' columns).

[1] Cox, J., Hein, M. Y., Lubner, C. A., Paron, I., Nagaraj, N. & Mann, M. (2014) Accurate proteome-wide label-free quantification by delayed normalization and maximal peptide ratio extraction, termed MaxLFQ, *Molecular and Cellular Proteomics*. **13**, 2513-2526.

Protein IDs	Majority protein IDs	Protein names	Gene names	Fasta headers	Peptides	Razor + unique peptides	Unique peptides	Peptides HEK293_ADCR8-IP	Peptides HEK293_lysate	Peptides HEK293_lysate	Peptides HEK293_lysate	Razor + unique peptides HEK293_ADCR8-IP	Razor + unique peptides HEK293_lysate	Razor + unique peptides HEK293_lysate	Razor + unique peptides HEK293_lysate	Unique peptides HEK293_ADCR8-IP	Unique peptides HEK293_lysate	Unique peptides HEK293_lysate	Unique peptides HEK293_lysate	Unique peptides HEK293_lysate	Unique peptides HEK293_lysate	Sequence coverage [%]	Mol. weight [kDa]	Q-value	Score	Intensity	Intensity HEK293_ADCR8-IP	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate	Intensity HEK293_lysate
P04406	P04406	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	sp P04406	25	25	25	10	21	21	25	10	21	25	10	21	21	25	85.1	36.053	0	323.31	2.828E+11	3.68E+9	6.47E+10	3.277E+09	2.11E+11	3.16E+09	4.19E+09	1.266E+09	7.99E+09					
P63261	P63261	Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-termi	ACTG1	sp P63261	26	26	1	14	23	26	25	14	23	26	25	1	1	1	89.6	41.792	0	323.31	2.255E+11	3.3E+9	7.04E+10	1.073E+10	1.41E+11	1.87E+09	6.19E+09	5.629E+09	7.37E+09					
P14618;P3	P14618	Pyruvate kinase PKM	PKM	sp P14618	45	45	11	41	29	45	11	41	29	45	11	41	29	45	76.6	57.936	0	323.31	2.043E+11	2.62E+08	2.6E+10	754850000	1.77E+11	2.37E+08	2.21E+09	453110000	6.89E+09					
P35579;R9	P35579	Myosin-9	MYH9	sp P35579	156	156	134	58	111	125	155	58	111	125	155	52	94	108	134	63.5	226.53	0	323.31	1.703E+11	4.3E+09	1.02E+10	4.282E+09	1.51E+11	4.02E+09	9.91E+08	3.262E+09	5.52E+09				
P06733	P06733	Alpha-amylase	ENO1	sp P06733	30	30	28	8	30	27	30	8	30	27	30	7	28	25	28	71	47.168	0	323.31	1.599E+11	3.24E+08	3.7E+10	588650000	1.22E+11	3.77E+08	2.96E+09	376650000	4.7E+09				
P68363;Q5	P68363	Tubulin alpha-1B chain	TUBA1B	sp P68363	27	27	0	10	27	23	27	10	27	23	27	0	0	0	69.6	50.131	0	323.31	1.345E+11	1.21E+09	3.74E+10	3.348E+09	9.25E+10	1.17E+09	2.88E+09	2.631E+09	3.59E+09					
P68104;Q5	P68104;Q5	Elongation factor 1-alpha 1;Putative elongation fa	EEF1A1;EE	sp P68104	25	25	13	9	23	19	24	9	23	19	24	3	13	9	13	65.2	50.174	0	323.31	1.274E+11	2.82E+09	3.63E+10	1.53E+09	6.88E+10	1.17E+09	2.7E+09	1.14E+09	4.53E+09				
P07900;Q1	P07900	Heat shock protein HSP 90-alpha	HSP90AA1	sp P07900	51	51	32	16	48	33	51	16	48	33	51	10	29	17	32	65.7	84.659	0	323.31	1.158E+11	1.95E+08	2.7E+10	908370000	8.71E+10	2.92E+08	2.32E+09	296540000	3.52E+09				
P04083	P04083	Annexin A1	ANXA1	sp P04083	27	27	2	1	10	19	27	1	10	19	27	1	10	19	27	68.2	38.714	0	312.27	1.146E+11	916260	3.11E+08	243060000	1.14E+11	880450	4885600	174320000	4.64E+09				
P04350	P04350	Tubulin beta-4A chain	TUBB4A	sp P04350	25	25	2	12	23	19	22	12	23	19	22	12	0	0	67.1	49.585	0	323.31	1.144E+11	5.22E+08	3.21E+10	2.824E+09	7.89E+10	7.34E+08	2.09E+09	1.535E+09	3.28E+09					
P13639	P13639	Elongation factor 2	EEF2	sp P13639	58	58	57	12	50	36	58	12	50	36	58	12	49	35	57	68.6	95.337	0	323.31	1.124E+11	1.71E+08	1.82E+10	435710000	9.35E+10	1.51E+08	1.93E+09	324770000	3.34E+09				
P10809	P10809	60 kDa heat shock protein, mitochondrial	HSPD1	sp P10809	45	45	45	11	44	30	44	11	44	30	44	11	44	30	44	77.7	61.054	0	323.31	9.91E+10	4.14E+08	4.47E+10	824510000	5.2E+10	3.6E+08	3.59E+09	623680000	1.92E+09				
P00338	P00338	L-lactate dehydrogenase A chain	LDHA	sp P00338	29	29	27	8	29	17	29	8	29	17	29	8	27	16	27	76.5	36.688	0	323.31	9.252E+10	939140000	1.89E+10	155540000	7.34E+10	936980000	1.74E+09	134030000	2.91E+09				
P11142	P11142	Heat shock cognate 71 kDa protein	HSPA8	sp P11142	42	41	28	15	39	36	41	14	38	35	40	12	25	22	27	71.8	70.897	0	323.31	8.872E+10	4.16E+08	2.13E+10	4.092E+09	6.29E+10	5.88E+08	1.67E+09	2.454E+09	2.45E+09				
P60174	P60174	Triosephosphate isomerase	TP1	sp P60174	17	17	1	16	10	16	1	16	10	16	1	16	10	16	82.7	26.669	0	276.03	8.067E+10	678670000	3.31E+10	4.0950000	7.47E+10	747720000	4.74E+09	797930000	1.79E+09					
P11021	P11021	78 kDa glucose-regulated protein	HSPA5	sp P11021	48	48	47	31	45	43	44	31	45	43	44	30	44	42	43	63.3	72.332	0	323.31	7.681E+10	7.76E+09	3.08E+10	5.685E+09	3.26E+10	4.4E+09	3.79E+09	5.31E+09	1.9E+09				
Q00610;P5	Q00610	Clathrin heavy chain 1	CLTC	sp Q00610	83	83	83	23	74	57	82	23	74	57	82	23	74	57	82	59.6	19.611	0	323.31	7.501E+10	6.3E+08	9.65E+09	662790000	6.41E+10	7.81E+08	8.84E+08	475210000	2.29E+09				
P07355;A6	P07355;A6	Annexin A2;Putative annexin A2-like protein	ANXA2;AN	sp P07355	31	31	31	2	21	27	31	2	21	27	31	2	21	27	31	75.8	38.604	0	256.77	6.979E+10	181820000	8.64E+08	792300000	6.81E+10	4147100	32001000	170760000	3.86E+09				
P23528	P23528	Cofilin-1	CFL1	sp P23528	19	19	14	4	17	16	18	4	17	16	18	4	12	11	14	81.3	18.502	0	187.87	6.881E+10	685890000	1.8E+10	829150000	4.99E+10	995480000	1.81E+09	459340000	1.8E+09				
Q14204	Q14204	Cytosolic dynein 1 heavy chain 1	DYNC1H1	sp Q14204	216	216	216	21	143	153	213	21	143	153	213	21	143	153	213	53.7	53.24	0	323.31	6.145E+10	896190000	3.69E+09	1.303E+09	5.64E+10	1.26E+08	3.56E+09	961640000	2.14E+09				
P07195;Q5	P07195	L-lactate dehydrogenase B chain	LDHB	sp P07195	21	21	19	7	21	19	21	7	19	21	19	7	19	21	19	51.5	36.628	0	207.07	6.087E+10	1.29E+08	2.31E+10	299270000	3.76E+10	1.97E+08	2.03E+09	416380000	1.36E+09				
P08238;Q5	P08238	Heat shock protein HSP 90-beta	HSP90AB1	sp P08238	50	50	31	28	12	49	36	49	36	49	36	20	30	5	27	72.5	83.263	0	323.31	6.076E+10	708480000	1.86E+10	478360000	4.16E+10	805390000	1.54E+09	191080000	1.64E+09				
P04075	P04075	Fructose-bisphosphate aldolase A	ALDOA	sp P04075	31	31	27	11	31	20	29	11	27	20	29	11	27	20	25	85.4	39.623	0	323.31	5.843E+10	1.32E+08	2.47E+10	309790000	3.33E+10	1.29E+08	1.57E+09	909130000	1.35E+09				
P08758	P08758	Annexin A5	ANXAS	sp P08758	26	26	26	0	25	15	25	0	25	15	25	0	25	15	25	75	35.936	0	323.31	5.775E+10	0	8.92E+09	943960000	4.98E+10	0	8.06E+08	933980000	1.88E+09				
Q09666	Q09666	Neuroblast differentiation-associated protein AH1	AHNK1	sp Q09666	240	240	240	4	20	172	236	4	20	172	236	4	20	172	236	66	69.296	0	323.31	5.59E+10	419220000	7.82E+09	1.73E+09	5.4E+10	19620000	5704000	1123E+09	2.25E+09				
P06576	P06576	ATP synthase subunit beta, mitochondrial	ATP5B	sp P06576	29	29	29	11	29	16	28	11	29	16	28	11	29	16	28	80.2	56.559	0	323.31	5.514E+10	2.45E+08	2.38E+10	328530000	3.07E+10	4.28E+08	1.89E+09	288700000	1.13E+09				
P62937;P6	P62937	Peptidyl-prolyl cis-trans isomerase A;Peptidyl-pro	PIPA	sp P62937	12	12	12	6	12	11	12	6	12	11	12	6	12	11	12	71.5	18.012	0.000245	147.93	5.398E+10	1.4E+08	2.16E+10	699590000	3.21E+10	338030000	3.8000000	1.96E+09	759970000	2.28E+09			
Q02224	Q02224	Centromere-associated protein E	CENPE	sp Q02224	3	3	3	1	0	2	3	1	0	2	3	1	0	2	1.8	316.41	0	812830000	5.317E+10	5.31E+10	0	812830000	132490000	5.1E+10	0	354430000	8.75E+08					
P04040	P04040	Catalase	CAT	sp P04040	10	10	10	1	10	9	9	1	10	9	9	1	10	9	9	23.7	59.755	0	41.566	5.266E+10	5.2E+10	2.84E+08	214460000	1.98E+08	4.96E+10	1.59E+09	1.86E+09	4.38E+08				
P06748	P06748	Nucleophosmin	NPM1	sp P06748	17	17	17	4	16	16	17	4	16	16	17	4	16	16	17	5.8	32.575	0	323.31	5.208E+10	4.76E+09	2.13E+10	2.982E+09	2.3E+10	5.73E+09	1.24E+09	1.75E+09	6.8E+08				
P21333	P21333	Filamin-A	FLNA	sp P21333	96	87	84	5	68	78	94	3	64	70	85	3	63	69	82	49.8	280.74	0	323.31	4.907E+10	957990000	1.64E+09	1.122E+09	4.63E+10	724220000	1.61E+08	759240000	1.86E+09				
P12277;P0	P12277	Creatine kinase B-type	CKB	sp P12277	24	24	24	2	1	3	24	2	1	3	24	2	1	3	24	82.4	42.644	0	323.31	4.855E+10	3.57E+08	4.82E+10	162772000	246750000	114660000	4.47E+09	643820	6117200				
Q14315	Q14315	Filamin-C	FLNC	sp Q14315	99	99	88	4	26	76	96	4	26	76	96	4	26	76	96	71.2	291.02	0	323.31	4.838E+10	252490000	4.64E+08	921720000	4.7E+10	281060000	471540000	696550000	1.8E+09				
P07437;A6	P07437	Tubulin beta chain	TUBB	sp P07437	23	5	4	16	23	22	23	5	4	16	23	5	4	16	23	4																

P50991	P50991	T-complex protein 1 subunit delta	CCT4	sp P50991	25	25	25	3	23	14	23	3	23	14	23	3	23	14	23	57	57.924	0	280.52	2.055E+10	1.15E+08	6.26E+09	89038000	1.41E+10	1.43E+08	5.41E+08	83728000	5.21E+08		
P11586	P11586	C-1-tetrahydrofolate synthase, cytoplasmic;Meth MTHFD1	P11586	sp P11586	48	48	48	8	43	24	44	8	43	24	44	8	43	24	44	62	101.63	0	323.31	2.048E+10	24430000	5.74E+09	147570000	1.46E+10	25675000	4.66E+08	12109000	6.01E+08		
P46821	P46821	Microtubule-associated protein 1B;MAP1B heavy MAP1B	P46821	sp P46821	87	87	86	2	52	79	85	2	52	79	85	2	51	78	84	52	20.56	0	323.31	2.04E+10	2886000	7.74E+09	875420000	1.87E+10	2343800	73514000	604060000	7.22E+08		
P42704;CC P42704	P42704	Leucine-rich PRR motif-containing protein, mitocd LRRPPRC	P42704	sp P42704	62	62	62	7	56	35	60	7	56	35	60	7	56	35	60	48.1	157.9	0	323.31	2.009E+10	15386000	5.53E+09	141040000	1.44E+10	17255000	4.7E+08	130050000	5.09E+08		
P50395	P50395	Rab GDP dissociation inhibitor beta	GD12	sp P50395	28	28	20	2	10	28	2	10	28	2	10	28	2	10	28	20	67.50	0	274.86	1.994E+10	27605000	5.64E+09	27058000	1.43E+10	20751000	5.17E+08	38888000	5.12E+08		
P06744;CC P06744	P06744	Glucose-6-phosphate isomerase	GPI	sp P06744	27	27	2	26	5	25	2	26	5	25	2	26	5	25	26	60.6	63.146	0	304.47	1.993E+10	45576000	8.84E+09	24328000	1.11E+10	1393400	7.92E+08	46426000	3.66E+08		
P17987	P17987	T-complex protein 1 subunit alpha	TCP1	sp P17987	27	27	13	26	18	26	13	26	18	26	13	26	18	26	18	26	62.6	60.343	0	275.15	1.97E+10	1.77E+08	6.67E+09	98898000	1.27E+10	1.67E+08	5.35E+08	88890000	5.45E+08	
P39023	P39023	60S ribosomal protein L3	RPL3	sp P39023	17	17	17	9	15	17	15	9	15	17	15	9	15	17	15	47.6	46.108	0	173.44	1.946E+10	9.92E+08	4.6E+09	1.4627000	1.24E+10	7.07E+08	4.69E+08	1.192E+09	4.74E+08		
P13010	P13010	X-ray repair cross-complementing protein 5	XRCC5	sp P13010	37	37	37	10	30	32	10	30	32	10	30	32	10	30	32	66.8	82.704	0	323.31	1.928E+10	1.32E+08	5.38E+09	237740000	1.35E+10	3.62E+08	3.78E+08	117530000	4.54E+08		
P29401	P29401	Transketolase	TKT	sp P29401	31	31	31	3	26	14	30	3	26	14	30	3	26	14	30	53.8	67.877	0	226.85	1.925E+10	14659000	4.32E+09	61320000	1.49E+10	1.008400	10084000	4.95E+08	135262000	5.55E+08	
P19105;O1 P19105;O1	P19105;O1	Myosin regulatory light chain 12A;Myosin regulat NMYL12A;M	P19105	sp P19105	9	9	4	7	8	9	7	8	9	7	8	9	7	8	9	4	51.5	19.794	0	274.87	1.918E+10	3.03E+08	2.27E+09	65192000	1.6E+10	4.4E+08	2.23E+08	384630000	5.08E+08	
P05141;OS P05141	P05141	ADP/ATP translocase 2;ADP/ATP translocase 2, N	SLC25A5	sp P05141	15	15	8	8	15	14	15	8	15	14	15	8	15	14	15	4	40.6	32.852	0	57.206	1.874E+10	1.36E+09	8.71E+09	511330000	8.16E+09	4.88E+08	4.11E+09	534530000	5.95E+08	
P09211	P09211	Glutathione S-transferase P	GSTP1	sp P09211	11	11	11	7	9	10	10	7	9	10	10	7	9	10	10	66.2	23.506	0	323.31	1.821E+10	2.04E+09	1.17E+09	128260000	8.77E+09	2.38E+09	4.06E+08	125040000	1.84E+08		
P40227;OS P40227	P40227	T-complex protein 1 subunit zeta	CT6GA	sp P40227	24	24	24	5	23	19	24	5	23	19	24	5	23	19	24	49	58.254	0	140.51	1.809E+10	33482000	5.68E+09	128940000	1.23E+10	45638000	1.27E+08	92317000	4.36E+08		
Q98932	Q98932	T-complex protein 1 subunit eta	CTC7	sp Q98932	31	31	31	3	29	15	30	3	29	15	30	3	29	15	30	69.2	59.666	0	293.76	1.805E+10	14909000	5.17E+09	77556000	1.28E+10	11134000	5.53E+08	43477000	4.22E+08		
Q81VF2	Q81VF2	Protein AHNAK2	AHNAK2	sp Q81VF2	125	125	2	3	73	123	2	3	73	123	2	3	73	123	47.2	61.362	0	323.31	1.783E+10	41570000	29287000	530660000	1.72E+10	22606000	4804800	126880000	9.55E+08			
Q14697	Q14697	Neutral alpha-glucosidase AB	GANAB	sp Q14697	41	41	41	0	37	15	38	0	37	15	38	0	37	15	38	5.7	106.87	0	323.31	1.779E+10	0	0.46E+09	44225000	1.31E+10	0	4.06E+08	36792000	5.17E+08		
Q02878	Q02878	60S ribosomal protein L6	RPL6	sp Q02878	20	20	11	20	19	19	11	20	19	19	11	20	19	19	54.5	32.708	0	180.67	1.762E+10	4.96E+08	4.5E+09	1.243E+09	1.14E+10	6.57E+08	3.33E+08	778860000	3.24E+08			
P26038	P26038	Moesin	MSN	sp P26038	44	44	33	3	38	32	44	3	38	32	44	1	28	25	33	70.2	67.819	0	312.89	1.745E+10	11384000	2.14E+09	319950000	1.5E+10	15682000	2.07E+08	118950000	6.54E+08		
P55060	P55060	Exportin-2	CSE1L	sp P55060	46	46	46	5	40	22	43	5	40	22	43	5	40	22	43	54	110.42	0	323.31	1.732E+10	50396000	5.06E+09	130550000	1.21E+10	4790100	4.36E+08	106050000	4.58E+08		
P09651;AO P09651;AO	P09651;AO	Heterogeneous nuclear ribonucleoprotein A1;Het HNRNP A1;	P09651	sp P09651	18	17	17	0	17	16	17	0	17	16	17	0	17	16	17	42.5	38.746	0	230.92	1.73E+10	6.22E+08	3.98E+09	1.51E+09	1.12E+10	3.49E+08	5.13E+08	966710000	6.04E+08		
P30041	P30041	Peroxioredoxin-6	PRDX6	sp P30041	18	18	18	0	17	4	17	0	17	4	17	0	17	4	17	72.3	20.035	0	243.27	1.76E+10	0	9.33E+09	9119000	7.82E+09	0	7.76E+08	5877100	3.44E+08		
P36578	P36578	60S ribosomal protein L4	RPL4	sp P36578	28	28	28	9	26	26	25	9	26	26	25	9	26	26	25	56.7	49.697	0	123.06	1.709E+10	4.16E+08	5.56E+09	1.664E+09	9.45E+09	3.92E+08	4.65E+08	1.053E+09	4.3E+08		
P50990	P50990	T-complex protein 1 subunit theta	CT8	sp P50990	36	36	9	31	18	35	9	31	18	35	9	31	18	35	9	31	18	35	9	31	18	35	9	31	18	35	9	31	18	35
Q9B2H6	Q9B2H6	WD repeat-containing protein 11	WDR11	sp Q9B2H6	11	11	11	3	7	8	10	3	7	8	10	3	7	8	10	11.8	136.68	0	28.299	1.681E+10	1.5E+10	98851000	1.333E+09	4.13E+08	9.56E+09	62557000	4.103E+09	2.16E+09		
P18124	P18124	60S ribosomal protein L7	RPL7	sp P18124	19	19	19	12	18	16	18	12	18	16	18	12	18	16	18	55.6	29.225	0	75.765	1.65E+10	6.05E+08	4.51E+09	1.855E+09	9.53E+09	7.32E+08	3.1E+08	1.166E+09	3.07E+08		
Q43852	Q43852	Calumenin	CALU	sp Q43852	24	24	0	24	19	23	0	24	19	23	0	24	19	23	79	37.106	0	323.31	1.64E+10	0	0.142E+09	671160000	1.43E+10	0	0.43E+08	509890000	5.12E+08			
P55209	P55209	Nucleosome assembly protein 1-like 1	NAP1L1	sp P55209	14	14	13	4	14	13	4	14	13	4	14	13	4	14	13	11	13	0	295.24	1.631E+10	3.06E+08	5.04E+09	281150000	1.07E+10	3.66E+08	4.08E+08	22060000	3.69E+08		
P34932	P34932	Heat shock 70 kDa protein 4	HSPA4	sp P34932	38	38	38	4	33	18	38	4	33	18	38	4	33	18	35	51.9	94.334	0	217.05	1.613E+10	76204000	5.21E+09	85837000	1.07E+10	48727000	3.93E+08	37922000	5.33E+08		
Q00410	Q00410	Importin-5	IPOS	sp Q00410	36	36	36	3	28	11	35	3	28	11	35	3	28	11	35	3	26	9	33	44.3	123.63	0	282.87	1.608E+10	42578000	3.35E+09	37593000	1.26E+10	34131000	3.24E+08
P63241;OE P63241;OE	P63241;OE	Eukaryotic translation initiation factor 5A-1;Eukar EIF5A;EIF5	P63241	sp P63241	15	15	15	2	12	8	14	2	12	8	14	2	12	8	14	2	12	8	14	2	12	8	14	2	12	8	14	2	12	8
P13667	P13667	Protein disulfide-isomerase A4	PDI4A	sp P13667	42	42	42	4	39	7	42	4	39	7	42	4	39	7	42	57.1	72.932	0	260.75	1.553E+10	11228000	6.92E+09	269530000	8.34E+09	9779400	5.51E+08	33231000	5.24E+08		
P26599	P26599	Polypyrnidine tract-binding protein 1	PTRP1	sp P26599	21	21	19	7	21	18	19	7	21	18	19	6	19	16	18	62	62.5	0	323.31	1.549E+10	1.09E+09	7.77E+09	353480000	6.28E+09	5.97E+08	8.4E+08	118330000	3.25E+08		
P84077;PP P84077;PP	P84077;PP	ADP-ribosylation factor 1;ADP-ribosylation factor ARF1;ARF1	P84077	sp P84077	9	9	4	1	9	6	9	1	9	6	9	1	9	6	9	4	5.4	20.697	0	39.034	1.547E+10	1.02E+10	1.79E+09	11992000	3.49E+09	7.75E+09	5.5E+08	206530000	1.95E+09	
Q14152	Q14152	Eukaryotic translation initiation factor 3 subunit A EIF3A	EIF3A	sp Q14152	68	68	68	34	62	54	61	34	62	54	61	34	62	54	61	50.6	166.57	0	323.31	1.543E+10	2.27E+09	3.75E+09	344320000	9.06E+09	1.85E+09	4.47E+08	346320000	5.57E+08		
P31939	P31939	Bifunctional protein biosynthesis protein PURH;Ph	ATIC	sp P31939	34	34	3	33	5	31	33	5	31	33	5	31	33	5	31	69.6	64.615	0	277.23	1.541E+10	21101000	3.61E+09	6814000	1.18E+10	10591000	3.34E+08	3489100	4.72E+08		
P68032;PP P68032;PP	P68032;PP	Actin, alpha cardiac muscle 1;Actin, gamma-inte	ACTC1;ACT1	sp P68032	15	2	9	13	14	14	1	1	2	1	1	1	2	1	1	2	42.019	0	19.178	1.501E+10	10284000	9.52E+09	964070000	4.52E+09	55443000	8.3E+08	466700000	2.47E+08		
Q04637;OQ Q04637	Q04637;OQ	Eukaryotic translation initiation factor 4 gamma 1 EIF4G1	EIF4G1	sp Q04637	48	48	46	12	39	35	46	12	39	35	46	12	39	35	46	11.7	33	0	270.54	1.483E+10	2.08E+08	2.66E+09	305240000	1.17E+10	2.99E+08	2.46E+08	190690000	3.72E+08		
P23396	P23396	40S ribosomal protein S3	RPS3	sp P23396	20	20	20	10	20	16	18	10	20	16	18	10	20	16	18	34	36.4	175.49	0	161.57	1.483E+10	3.66E+08	4.51E+09	608040000	9.35E+09	6.11E+08	2.99E+08	266		

P12268	P12268	Inosine-5-monophosphate dehydrogenase 2	IMPDH2	sp P12268	25	25	22	6	23	17	24	6	23	17	24	6	20	15	21	53.9	55.804	0	222.3	9.798E+09	69376000	3E+09	87444000	6.64E+09	95417000	2.78E+08	40325000	2.52E+08	
O75083	O75083	WD repeat-containing protein 1	WDR1	sp O75083	29	29	29	0	20	12	29	0	20	12	29	0	20	12	29	67.8	66.193	0	190.63	9.679E+09	0	6.18E+08	46654000	9.01E+09	0	62904000	40511000	3.5E+08	
P22234	P22234	Multifunctional protein ADE2;Phosphoribosylaminyl transferase	PAIC5	sp P22234	22	22	22	2	22	10	22	2	22	10	22	2	22	10	22	47.1	47.079	0	142.51	9.656E+09	2524800	5.42E+09	32301000	4.2E+09	41641000	4.66E+08	18627000	1.79E+08	
Q9P2J5	Q9P2J5	Inosine-tRNA ligase, cytoplasmic	LARS	sp Q9P2J5	40	40	40	4	38	26	37	4	38	26	37	4	38	26	37	42.4	134.46	0	260.57	9.655E+09	34386000	3.5E+09	144550000	5.97E+09	48996000	3.09E+08	116390000	2.12E+08	
O95373	O95373	Importin-7	IPO7	sp O95373	23	23	23	0	20	16	23	0	20	16	23	0	20	16	23	26.4	113.52	0	270.48	9.644E+09	0	1.08E+09	105100000	8.46E+09	0	1.12E+08	95894000	3E+08	
P12814;P312814	P12814	Alpha-actinin-1	ACTN1	sp P12814	50	36	36	1	34	44	49	1	23	31	35	1	23	31	35	65.2	103.56	0	323.31	9.639E+09	103470	8.4E+08	726260000	8.07E+09	1134500	22076000	770640000	78236000	
Q6NS14	Q6NS14	Uncharacterized protein Cxor5f7	Cxor5f7	sp Q6NS14	2	2	0	1	0	1	0	1	0	1	0	1	0	1	0	4.2	97.053	0.003915	1.9572	9.631E+09	0	2787900	0	0	0	245750	0	0	
P53621	P53621	Coatomer subunit alpha;Xenin/Proxenin	COPA	sp P53621	35	35	35	3	31	25	32	3	31	25	32	3	31	25	32	37.1	138.34	0	252.1	9.566E+09	7336400	1.97E+09	185150000	5.46E+09	1018000	2.07E+08	81225000	3.11E+08	
Q96GH2	Q96GH2	PML-RARA-regulated adapter molecule 1	PRARM1	sp Q96GH2	2	2	2	1	0	1	1	1	0	1	1	1	0	1	1	3.6	73.968	0.001175	3.0392	9.546E+09	9.53E+09	0	9503000	7.86E+09	9047E+09	0	6384100	0	0
Q869P6	Q869P6	Cullin-associated NEDD8-dissociated protein 1	CAND1	sp Q869P6	29	29	25	3	26	13	29	3	26	13	29	3	26	13	29	3	23	10	142.45	9.525E+09	10046000	2.55E+09	28144000	6.94E+09	428000	2.78E+08	15621000	2.41E+08	
P62241	P62241	40S ribosomal protein S8	RPS8	sp P62241	11	11	8	11	8	11	9	8	11	10	9	8	11	10	9	51.9	24.205	0	82.603	9.492E+09	2.68E+08	3.08E+09	59661000	5.55E+09	2.4E+08	2.81E+08	43367000	1.96E+08	
P02786;Q6	P02786	Transferrin receptor protein 1;Transferrin recept	TFRC	sp P02786	31	31	31	0	23	16	31	0	23	16	31	0	23	16	31	50.4	84.87	0	176.9	9.354E+09	0	7.07E+08	63072000	8.59E+09	0	6657000	6224000	3.27E+08	
Q13263	Q13263	Transcription intermediary factor 1-beta	TRIM28	sp Q13263	28	28	28	5	28	22	27	5	28	22	27	5	28	22	27	52.1	88.549	0	198.52	9.309E+09	1.21E+08	3.45E+09	283250000	5.04E+09	1.8E+08	2.55E+08	10730000	2.14E+08	
Q9NQC3	Q9NQC3	Reticulon-4	RTN4	sp Q9NQC3	14	14	14	2	7	14	2	7	14	2	7	14	2	7	14	23.2	129.93	0	140.29	9.273E+09	2745300	1.05E+08	119480000	9.46E+09	7189200	10776000	4830000	3.95E+08	
P00918	P00918	Carbonic anhydrase 2	CA2	sp P00918	16	16	16	3	16	1	2	3	16	1	2	3	16	1	2	63.5	29.246	0	101.99	9.259E+09	4084800	9.23E+09	1094200	2548000	553080	7.24E+08	234660	280060	
P41252	P41252	Isoleucine-tRNA ligase, cytoplasmic	IARS	sp P41252	43	43	43	13	41	24	40	13	41	24	40	13	41	24	40	43.2	144.5	0	323.31	9.194E+09	5.03E+08	3.58E+09	185770000	4.93E+09	3.6E+08	3.49E+08	22774000	2.04E+08	
P52209	P52209	6-phosphogluconate dehydrogenase, decarboxyl	PGD	sp P52209	19	19	19	0	16	5	18	0	16	5	18	0	16	5	18	47.2	53.139	0	209.06	9.187E+09	0	1.9E+09	1238000	7.28E+09	0	1.69E+08	1447400	2.94E+08	
P62191	P62191	26S proteasome regulatory subunit 4	PSMC1	sp P62191	21	21	21	3	19	15	20	3	19	15	20	3	19	15	20	57.3	49.184	0	119.96	9.102E+09	3216000	1.74E+09	128560000	7.23E+09	1936600	7337000	2.21E+08	4.41E+08	
O14980	O14980	Exportin-1	XPO1	sp O14980	35	35	35	1	30	20	34	1	30	20	34	1	30	20	34	41.9	123.38	0	232.27	9.044E+09	953980	2.94E+09	120990000	5.98E+09	5717200	4.19E+08	4911000	1.08E+08	
P08865	P08865	40S ribosomal protein SA	RPSA	sp P08865	12	12	12	8	11	9	11	8	11	9	11	8	11	9	11	45.8	32.854	0	189.79	9.036E+09	1.86E+09	2.78E+09	83472000	4.31E+09	1.93E+09	1.46E+08	87693000	1.54E+08	
P78347;Q6	P78347	General transcription factor II-I	GTIF2	sp P78347	47	47	47	29	37	45	31	29	37	45	31	29	37	45	31	53.1	112.42	0	267.67	9.015E+09	1.61E+09	1.85E+09	3.341E+09	2.21E+09	1.8E+09	1.51E+08	1.957E+09	1.01E+08	
P55884	P55884	Eukaryotic translation initiation factor 3 subunit B	EIF3B	sp P55884	37	37	37	47	37	33	24	36	19	33	24	36	19	33	24	36	57.4	92.48	0	277.96	8.996E+09	1.91E+09	1.93E+09	1.614E+09	4.99E+09	1.89E+09	1.6E+08	14904000	1.98E+08
P23246	P23246	Splicing factor, proline- and glutamine-rich	SFPQ	sp P23246	28	28	27	19	26	25	25	19	26	25	25	19	26	25	24	25	47.8	76.149	0	177.82	8.996E+09	8.09E+08	4.07E+09	80536000	3.31E+09	8.87E+08	3.15E+08	50710000	1.36E+08
P16152	P16152	Carbonyl reductase [NADPH]	CBR1	sp P16152	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	70.4	30.307	0	135.85	8.961E+09	1.23E+09	2.32E+09	2.231E+09	3.17E+09	1.53E+09	2.29E+08	1.171E+09	1.36E+08	
P40925	P40925	Malate dehydrogenase, cytoplasmic	MDH1	sp P40925	11	11	11	0	10	6	11	0	10	6	11	0	10	6	11	38.9	36.426	0	87.197	8.917E+09	0	3.08E+09	12832000	5.83E+09	0	2.87E+08	11402000	2.05E+08	
P17980	P17980	25S protease regulatory subunit 6A	PSM3	sp P17980	24	24	24	3	24	16	23	3	24	16	23	3	24	16	23	64.5	49.203	0	252.96	8.852E+09	1554000	3.99E+09	125410000	5.33E+09	1148500	3.77E+08	28991000	1.88E+08	
P45781	P45781	40S ribosomal protein S9	RPS9	sp P45781	17	17	17	11	16	13	17	11	16	13	17	11	16	13	17	58.8	22.591	0	42.909	8.704E+09	5.26E+08	2.48E+09	41564000	5.29E+09	1.93E+08	2.83E+08	49673000	2.43E+08	
P15121;Q9	P15121	Aldose reductase	AKR1B1	sp P15121	12	12	12	0	9	7	12	0	9	7	12	0	9	7	12	45.6	35.853	0	116.29	8.691E+09	0	0.15E+08	22917000	8.15E+09	0	6369800	1479800	3.11E+08	
P62424	P62424	60S ribosomal protein L7a	RPL7A	sp P62424	17	17	17	11	15	17	15	11	15	17	15	11	15	17	15	45.1	29.995	0	69.944	8.67E+09	4.48E+08	2.26E+09	1.011E+09	4.95E+09	5.74E+08	1.93E+08	53994000	2.08E+08	
P99999;Q9	P99999	Cytochrome c	CYCS	sp P99999	9	9	9	4	9	0	4	9	0	4	9	0	4	9	0	62.9	11.749	0	65.878	8.665E+09	0	3.79E+09	13561000	4.86E+09	0	3.14E+08	7744800	2.09E+08	
P08708	P08708	40S ribosomal protein S17	RPS17	sp P08708	10	10	10	2	9	7	10	2	9	7	10	2	9	7	10	65.9	15.55	0	92.92	8.64E+09	27861000	4.31E+09	32190000	3.99E+09	29627000	8.87E+08	28102000	1.83E+08	
P67809	P67809	Nuclease-sensitive element-binding protein 1	YBX1	sp P67809	18	18	18	12	17	17	18	12	17	17	18	12	17	17	18	4	11	11	142.02	8.578E+09	3.32E+08	2.06E+09	1.236E+09	4.95E+09	3.2E+08	1.87E+08	84308000	1.7E+08	
P30086	P30086	Phosphatidylinethanolamine-binding protein 1;Hsp	PEBP1	sp P30086	12	12	12	0	12	4	11	0	12	4	11	0	12	4	11	80.7	21.524	0	130.84	8.565E+09	0	4.26E+09	14513000	4.29E+09	0	3.94E+08	1362400	1.51E+08	
P40939	P40939	Trifunctional enzyme subunit alpha, mitochondrial	HADHA	sp P40939	27	27	27	7	23	16	26	7	23	16	26	7	23	16	26	46.4	82.999	0	298.04	8.541E+09	36999000	2.05E+09	4173000	6.42E+09	8169400	1.92E+08	4003900	1.95E+08	
PODMV9;P	PODMV9;P	Heat shock 70 kDa protein 1B;Heat shock 70 kDa	HSPA1B;H	sp PODMV9	25	21	11	12	25	22	23	12	21	18	19	7	11	9	10	46.8	70.051	0	174.36	8.492E+09	6.43E+08	4.85E+09	25108000	2.75E+09	5.56E+08	4.25E+08	19734000	1.07E+08	
P43686	P43686	26S protease regulatory subunit 6B	PSM4	sp P43686	27	27	27	5	26	15	24	5	26	15	24	5	26	15	24	5	7.7	47.366	0	323.33	8.491E+09	92368000	2.69E+09	76596000	6.63E+09	1.29E+08	1.12E+08	63696000	2.02E+08
P35580;P1	P35580	Myosin-10	MYH10	sp P35580	86	69	64	47	69	18	20	42	57	5	4	38	52	4	39.5	229	0	323.31	8.469E+09	5.13E+09	3.26E+09	1839600	57254000	4.56E+09	2.89E+08	822000	204100	0	0
P22102	P22102	Trifunctional purine biosynthetic protein adenosyl	GART	sp P22102	33	33	33	3	32	5	30	3	32	5	30	3	32	5	30	40.6	107.77	0	225.11	8.464E+09	2497700	4.11E+09	35855000	4.32E+09	1362400	3.71E+08	9436900	1.72E+08	
P49588	P49588	Alanine-tRNA ligase, cytoplasmic	AARS	sp P49588	40	40	40	2	40	6	40	2	40	6	40	2	40	6	40	52.7	106.81	0	323.31	8.462E+09	1239100	2.48E+09	2184000	5.96E+09	743290	2.13E+08	782410	2.57E+08	
Q9H4M9	Q9H4M9	EH domain-containing protein 1	EHD1	sp Q9H4M9	29	29	29	0	17	12	28	0	17	12	28	0	17	12	28	69.5	60.622	0	185.17	8.361E+09	0								



P61158;Q5	P61158	Actin-related protein 3	ACTR3	sp P61158	17	17	17	1	13	7	16	1	13	7	16	1	13	7	16	52.2	47.371	0	139.92	5.246E+09	682400	9.26E+08	31026000	4.29E+09	797140	83355000	8823600	1.87E+08
P78417	P78417	Glutathione S-transferase omega-1	GSTO1	sp P78417	17	17	17	1	17	0	17	1	17	0	17	1	17	0	17	57.3	27.566	0	83.524	5.237E+09	686120	1.05E+09	0	4.19E+09	779180	92588000	0	1.72E+08
P62263	P62263	40S ribosomal protein S14	RP514	sp P62263	8	8	8	4	8	6	8	4	8	6	8	4	8	6	8	39.7	16.273	0	74.849	5.188E+09	1.1E+08	1.9E+09	291390000	2.88E+09	1.41E+08	1.29E+08	210450000	1.03E+08
Q9BSJ8	Q9BSJ8	Extended synaptotagmin L2	ESYT1	sp Q9BSJ8	32	32	32	1	25	6	32	1	25	6	32	1	25	6	32	42.1	12.285	0	260.48	5.149E+09	3159300	9.4E+08	20606000	4.19E+09	10001000	1.09E+08	1.3170000	1.44E+08
P61353	P61353	60S ribosomal protein L27	RPL27	sp P61353	7	7	7	6	5	7	5	6	5	7	5	6	5	7	5	45.6	15.798	0	40.179	5.148E+09	1.73E+08	1.19E+09	87000000	2.91E+09	1.39E+08	1.08E+08	589960000	1.44E+08
Q16543	Q16543	Hsp90 co-chaperone Cdc37;Hsp90 co-chaperone C	CDC37	sp Q16543	11	11	11	0	10	5	11	0	10	5	11	0	10	5	11	36.2	44.468	0	228.12	5.135E+09	0	1.63E+09	18174000	3.49E+09	0	1.39E+08	22249000	1.35E+08
P28070	P28070	Proteasome subunit beta type-4	PSMB4	sp P28070	7	7	7	3	7	7	7	3	7	7	7	3	7	7	7	45.5	29.204	0	101.18	5.123E+09	8189500	1.95E+09	95226000	3.07E+09	18124000	1.86E+08	46178000	1.02E+08
P39019	P39019	40S ribosomal protein S19	RP519	sp P39019	13	13	13	4	12	12	12	4	12	12	12	4	12	12	12	57.9	16.06	0	66.607	5.118E+09	2.27E+08	1.79E+09	41635000	2.69E+09	2.58E+08	1.52E+08	252310000	1.13E+08
P62750	P62750	60S ribosomal protein L23a	RPL23a	sp P62750	13	13	13	8	11	13	11	8	11	13	11	8	11	13	11	56.4	17.695	0	92.112	5.112E+09	8.03E+08	9.68E+08	663460000	2.68E+09	5.02E+08	2.03E+08	581130000	1.55E+08
P62913	P62913	60S ribosomal protein L11	RPL11	sp P62913	8	8	8	4	7	8	4	7	8	4	7	8	4	7	8	42.7	20.252	0	49.642	5.103E+09	9766000	1.41E+09	67169000	2.93E+09	96526000	1.34E+08	42680000	1.31E+08
Q13813	Q13813	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	sp Q13813	88	88	88	5	76	79	65	5	76	79	65	5	76	79	65	47.3	284.54	0	323.31	5.045E+09	5339200	2.41E+09	88655000	1.74E+09	32745000	1.86E+08	636770000	55450000
Q8NC51	Q8NC51	Plasminogen activator inhibitor 1 RNA-binding pr	SERP1	sp Q8NC51	22	22	22	6	21	14	20	6	21	14	20	6	21	14	20	56.9	44.965	0	97.274	5.04E+09	1.47E+08	2.68E+09	19010000	2.03E+09	2.77E+08	1.71E+08	79192000	60900000
P00505	P00505	Aspartate aminotransferase, mitochondrial	GOT2	sp P00505	21	21	21	0	21	6	17	0	21	6	17	0	21	6	17	49.3	47.517	0	93.548	5.033E+09	0	2.66E+09	7309300	2.36E+09	0	2.42E+08	6445800	81162000
P00492	P00492	Hypoxanthine-guanine phosphoribosyltransferase	HPRT1	sp P00492	9	9	9	0	9	4	9	0	9	4	9	0	9	4	9	50	24.579	0	32.982	5.031E+09	0	8.321E+09	2710300	3.84E+09	0	2.86E+08	1750400	69159000
Q9UNM6	Q9UNM6	26S proteasome non-ATPase regulatory subunit 1	PSMD13	sp Q9UNM6	16	16	16	3	14	10	16	3	14	10	16	3	14	10	16	52.7	42.945	0	160.2	5.02E+09	76025000	1.49E+09	35468000	3.41E+09	60046000	1.26E+08	34463000	1.47E+08
P14314	P14314	Glucosidase 2 subunit beta	PRKCSH	sp P14314	19	19	19	2	19	3	18	2	19	3	18	2	19	3	18	33.1	59.425	0	87.444	5.008E+09	1.6654000	1.45E+09	5167200	2.58E+09	3463300	1.04E+08	2548700	1.84E+08
P13804	P13804	Electron transfer flavoprotein subunit alpha, mito	ETFFA	sp P13804	9	9	9	1	9	1	9	1	9	1	9	1	9	1	9	41.1	35.079	0	68.86	4.986E+09	27151000	2.21E+09	387250	2.75E+09	9517200	2.05E+08	454750	1.22E+08
P17066;P1	P17066	Heat shock 70 kDa protein 6	HSPA6	sp P17066	10	1	1	1	1	10	10	1	1	1	1	1	1	1	1	14.5	71.027	0	4.0122	4.967E+09	6950800	1.76E+09	26145000	2.87E+09	6950800	1.02E+08	15769000	1.18E+08
P17844	P17844	Probable ATP-dependent RNA helicase DDX5	DDX5	sp P17844	30	29	22	13	26	28	28	12	25	27	27	7	18	20	50	69.147	0	113.28	4.942E+09	2.36E+08	1.24E+09	5888000	2.87E+09	1.17E+08	1.24E+08	482540000	1.22E+08	
Q7L2H7	Q7L2H7	Eukaryotic translation initiation factor 3 subunit H	EIF3M	sp Q7L2H7	13	13	13	5	8	12	5	8	12	5	8	12	5	8	12	42.2	47.200	0	122.66	4.94E+09	1.8E+09	6.64E+08	5326000	2.13E+09	1.73E+09	85906000	47224000	87395000
Q12931	Q12931	Heat shock protein 75 kDa, mitochondrial	TRAP1	sp Q12931	26	26	26	2	25	2	22	3	25	2	22	3	25	2	22	40.2	80.109	0	136.53	4.923E+09	6500700	3.5E+09	12788000	1.41E+09	3401300	3.38E+08	2096300	37541000
P60709;Q5	P60709	Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-term	ACTB	sp P60709	26	1	1	13	23	26	25	0	1	1	1	1	1	1	1	89.6	41.736	0	50.607	4.922E+09	0	1.46E+09	14897000	3.31E+09	0	7777000	48487000	81244000
P09104	P09104	Gamma-enolase	ENO2	sp P09104	13	11	11	1	12	3	13	0	1	11	0	1	11	0	55.3	47.268	0	264.32	4.918E+09	0	6.62E+08	4780400	4.25E+09	0	1.07E+08	17436000	1.05E+08	
P48047	P48047	ATP synthase subunit O, mitochondrial	ATP5O	sp P48047	10	10	10	5	10	6	10	5	10	6	10	5	10	6	10	62	23.277	0	76.721	4.917E+09	14594000	1.92E+09	2962000	2.95E+09	28412000	1.72E+08	22899000	77369000
P46782	P46782	40S ribosomal protein S5;40S ribosomal protein S	RP55	sp P46782	13	13	13	6	11	11	11	6	11	11	11	6	11	11	11	49	22.876	0	64.061	4.905E+09	1.64E+08	1.73E+09	25128000	2.76E+09	2.33E+08	1.06E+08	16617000	82778000
P18621	P18621	60S ribosomal protein L17	RPL17	sp P18621	10	10	10	6	9	8	9	6	9	8	9	6	9	8	9	51.6	21.397	0	48.619	4.905E+09	3.31E+08	1.59E+09	47388000	2.51E+09	3.51E+08	1.12E+08	33209000	86073000
P20618	P20618	Proteasome subunit beta type-1	PSMB1	sp P20618	8	8	8	0	7	5	7	0	7	5	7	0	7	5	7	44	26.489	0	104.72	4.893E+09	0	1.88E+09	6517800	2.94E+09	0	1.53E+08	55557000	1.23E+08
O75821	O75821	Eukaryotic translation initiation factor 3 subunit G	EIF3G	sp O75821	14	14	14	7	12	9	13	7	12	9	13	7	12	9	13	50	35.611	0	100.01	4.885E+09	6.53E+08	8.78E+08	1073000	3.15E+09	6.15E+08	1.19E+08	10007000	1.06E+08
P52788	P52788	Spermine synthase	SMS	sp P52788	14	14	14	0	12	2	14	0	12	2	14	0	12	2	14	57.4	41.268	0	27.44	4.883E+09	0	6E+08	3161500	4.29E+09	0	54969000	1290800	1.75E+08
P47897	P47897	Glutamine--tRNA ligase	QARS	sp P47897	33	33	33	7	24	20	33	7	24	20	33	7	24	20	33	50.2	87.708	0	184.51	4.875E+09	14503000	9.3E+08	14067000	3.29E+09	12361000	71442000	12723000	1.3E+08
P26640	P26640	Valine--tRNA ligase	VARS	sp P26640	37	37	37	5	34	15	37	5	34	15	37	5	34	15	37	41	140.47	0	204.03	4.847E+09	17111000	1.52E+09	28348000	3.97E+09	30635000	132E+08	1881000	1.2E+08
Q13838	Q13838	Spliceosome RNA helicase DDX39B	DDX39B	sp Q13838	18	18	18	5	18	5	12	5	18	5	12	0	4	18	49.8	48.991	0	93.572	4.81E+09	54186000	2.79E+09	19659000	1.95E+09	87439000	2.07E+08	10189000	8508000	
P07339	P07339	Cathepsin D;Cathepsin D light chain;Cathepsin D	CTSD	sp P07339	13	13	13	1	10	12	11	1	10	12	11	1	10	12	11	49.8	44.552	0	75.872	4.752E+09	10399000	4.97E+08	26209000	3.98E+09	14157000	44702000	19696000	1.46E+08
Q12797	Q12797	Asparyl/asparaginyl beta-hydroxylase	ASPH	sp Q12797	24	24	24	0	12	22	22	0	12	22	22	0	12	22	41.7	85.862	0	323.31	4.745E+09	0	2.41E+09	61278000	3.89E+09	0	3031800	42934000	1.32E+08	
Q9NZM1;Q	Q9NZM1	Myoferlin	MYOF	sp Q9NZM1	56	56	56	2	27	56	2	27	56	2	27	56	2	27	56	34	274.71	0	307.21	4.735E+09	3516100	9894400	50995000	4.67E+09	2252300	1121800	8567100	2.19E+08
Q9NTJ5	Q9NTJ5	Phosphatidylinositol 2-phosphate SAc1	SACM1L	sp Q9NTJ5	10	10	10	1	6	1	9	1	6	1	9	1	6	1	9	24.5	46.961	0	131.35	4.729E+09	4.29E+09	72101000	1115000	3.52E+08	3.85E+09	1.46E+08	26402000	61306000
Q99873;Q	Q99873	Protein arginine N-methyltransferase 1	PRMT1	sp Q99873	21	21	21	13	15	18	12	13	15	18	12	13	15	18	12	13	15	0	75.704	4.722E+09	1.28E+09	8.03E+08	1.268E+09	1.37E+09	1.09E+09	7435000	94122000	72364000
Q02952	Q02952	A-kinase anchor protein 12	AKAP12	sp Q02952	47	47	47	1	31	20	47	1	31	20	47	1	31	20	47	44.8	191.48	0	323.31	4.704E+09	227480	4.67E+08	6228000	4.17E+09	425580	45132000	4889000	1.59E+08
Q02790	Q02790	Peptidyl-prolyl cis-trans isomerase FKBP4;Peptid	FKBP4	sp Q02790	29	29	29	0	28	1	24	0	28	1	24	0	28	1	24	61.7	51.804	0	190.69	4.696E+09	0	2.8E+09	171840	1.83E+09	0	3.04E+08	1285200	16873000
P46776	P46776	60S ribosomal protein L27a	RPL27a	sp P46776	7	7	7	2	6	7	7	2	6	7	7	2	6	7	7	41.2	16.561	0	23.078	4.693E+09	4672900	1.46E+09	44867000	2.79E+09	3136500	1.71E+08	27893000	96716000

P33316	P33316	Deoxyuridine 5-triphosphate nucleotidohydrolase DUT	spj	P33316	8	8	8	0	8	3	8	0	8	3	8	0	8	3	8	38.1	26.563	0	58.75	4.022E+09	0	1.85E+09	13485000	2.16E+09	0	1.6E+08	11300000	89553000				
Q12906;Q12906	Q12906	Interleukin enhancer-binding factor 3	ILF3	spj	Q12906	27	27	27	14	25	22	22	14	25	22	22	14	25	22	22	36.9	95.337	0	149.91	4.019E+09	4.8E+08	1.49E+09	26292000	1.79E+09	1.68E+08	2.08E+08	35343000	1.31E+08			
P35637	P35637	RNA-binding protein FUS	FUS	spj	P35637	10	10	8	5	9	7	10	4	7	10	4	7	10	4	7	10	6	8	0	108.64	4.006E+09	59659000	1.24E+09	30986000	2.95E+09	9300000	89748000	21207000	79934000		
P53999	P53999	Activated RNA polymerase II transcriptional coact SUB1	spj	P53999	9	9	9	4	7	5	9	4	7	5	9	4	7	5	9	4	7	5	9	0	50.916	4.001E+09	4.93E+08	1.54E+09	29633000	1.94E+09	4.18E+08	1.81E+08	36007000	89801000		
P09429;B2	P09429;B2	High mobility group protein B1;Putative high mob HMG61;H1	spj	P09429	12	12	8	4	12	1	10	4	12	1	10	4	12	1	10	4	12	1	10	4	50.241	3.998E+09	32878000	2.24E+09	2073400	1.72E+09	24146000	1.92E+08	2.145E+08	74329000		
O95782	O95782	AP-2 complex subunit alpha-1	AP2A1	spj	O95782	24	24	19	0	13	11	24	0	13	11	24	0	13	11	24	0	13	11	24	0	128.83	3.991E+09	0	3.5E+08	43073000	3.6E+09	0	39448000	40419000	1.25E+08	
P26368	P26368	Splicing factor UZAF 65 kDa subunit	UZAF2	spj	P26368	11	11	11	1	7	8	10	1	7	8	10	1	7	8	10	1	7	8	10	0	100.32	3.977E+09	19071000	1.36E+09	14492000	2.45E+09	19762000	1.26E+08	11050000	87724000	
O00429	O00429	Dynamitin-1-like protein	DNM1L	spj	O00429	26	26	26	0	22	6	26	0	22	6	26	0	22	6	26	0	22	6	26	0	323.31	3.955E+09	0	1.12E+09	7863100	2.83E+09	0	1.06E+08	4211400	1.1E+08	
P14866	P14866	Heterogeneous nuclear ribonucleoprotein L	HNRNPL	spj	P14866	19	19	19	6	16	12	17	6	16	12	17	6	16	12	17	6	16	12	17	0	130.37	3.926E+09	6.42E+08	1.05E+09	14772000	2.09E+09	3.23E+08	1.15E+08	33985000	1.38E+08	
P55010	P55010	Eukaryotic translation initiation factor 5	EIF5	spj	P55010	17	17	17	4	14	10	17	4	14	10	17	4	14	10	17	4	14	10	17	0	65.68	3.912E+09	6909100	9.27E+08	30617000	2.95E+09	9256000	92861000	2237700	1.05E+08	
Q09028	Q09028	Histone-binding protein RBBP4	RBBP4	spj	Q09028	14	14	14	7	13	8	13	4	13	8	13	4	13	8	13	4	13	8	13	0	67.615	3.909E+09	40421000	1.82E+09	62031000	1.99E+09	78640000	1.17E+08	39413000	88829000	
Q07960	Q07960	Rho GTPase-activating protein 1	ARHGAP1	spj	Q07960	16	16	16	2	14	4	16	2	14	4	16	2	14	4	16	2	14	4	16	0	95.367	3.902E+09	20352000	4.03E+08	8919800	3.47E+09	12766000	33454000	7065600	1.51E+08	
P52292	P52292	Importin subunit alpha-1	KPNA2	spj	P52292	16	16	16	2	15	13	16	2	15	13	16	2	15	13	16	2	15	13	16	0	135.52	3.897E+09	5302800	1.23E+09	98697000	2.56E+09	8719000	1.09E+08	59104000	1.08E+08	
O9Y266	O9Y266	Nuclear migration protein nudC	NUDC	spj	O9Y266	22	22	22	0	21	8	20	0	21	8	20	0	21	8	20	0	21	8	20	0	171.153	3.886E+09	0	1.06E+09	28354000	2.79E+09	0	1.01E+08	16558000	1.09E+08	
P42766	P42766	60S ribosomal protein L35	RPL35	spj	P42766	5	5	5	3	4	5	3	4	5	3	4	5	3	4	5	3	4	5	3	0	26.832	3.87E+09	1.44E+08	1.02E+09	46486000	2.24E+09	1.47E+08	80135000	31780000	6784000	
P62851	P62851	40S ribosomal protein S25	RPS25	spj	P62851	5	5	5	2	5	5	5	2	5	5	5	2	5	5	5	2	5	5	5	0	12.849	3.848E+09	73506000	1.53E+09	26550000	1.98E+09	6142000	1.3E+08	18438000	84663000	
P46379	P46379	Large proline-rich protein BAG6	BAG6	spj	P46379	31	31	31	14	12	30	18	14	12	30	18	14	12	30	18	14	12	30	18	0	166.69	3.846E+09	6.09E+08	1.41E+08	2.71E+09	6.26E+08	9.35E+08	12526000	1.331E+09	23767000	
P51991	P51991	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	spj	P51991	16	16	16	6	12	12	14	6	12	12	14	6	12	12	14	6	12	12	14	0	85.677	3.838E+09	1.01E+09	8.12E+08	24710000	1.75E+09	7.48E+08	99143000	39116000	91149000	
Q8NB59	Q8NB59	Thioredoxin domain-containing protein 5	TXNDC5	spj	Q8NB59	13	13	13	1	13	4	12	1	13	4	12	1	13	4	12	1	13	4	12	0	72.491	3.814E+09	1188500	2.28E+09	1091000	1.52E+09	1756500	2.32E+08	3779700	34807000	
Q3NR30	Q3NR30	Nucleolar RNA helicase 2	DDX21	spj	Q3NR30	28	28	28	20	24	26	3	20	24	26	3	20	24	26	3	20	24	26	3	0	145.3	3.812E+09	49272000	3.36E+08	35773000	2.87E+09	76382000	34389000	24190000	87603000	
P62266	P62266	40S ribosomal protein S23	RPS23	spj	P62266	8	8	8	3	8	8	7	3	8	8	7	3	8	8	7	3	8	8	7	0	30.109	3.811E+09	1.23E+09	7.95E+08	19092000	1.59E+09	1.15E+09	80911000	17813000	83493000	
P09382	P09382	Galactin-1	LGALS1	spj	P09382	8	8	8	3	8	8	7	3	8	8	7	3	8	8	7	3	8	8	7	0	40.622	3.803E+09	0	18589000	14256000	3.64E+09	0	2808500	65946000	1.78E+08	
Q13501	Q13501	Sesquiosome-1	SQSTM1	spj	Q13501	15	15	15	1	7	11	15	1	7	11	15	1	7	11	15	1	7	11	15	0	257.63	3.799E+09	1366400	93151000	20945000	3.5E+09	2591400	5875700	15921000	1.26E+08	
P47895	P47895	Aldehyde dehydrogenase family 1 member A3	ALDH1A3	spj	P47895	22	22	20	0	3	5	22	0	3	5	22	0	3	5	22	0	3	5	22	0	105.89	3.767E+09	0	44561000	835000	3.71E+09	0	2507500	2994900	1.55E+08	
P61289	P61289	Proteasome activator complex subunit 3	PSME3	spj	P61289	15	15	15	0	12	4	14	0	12	4	14	0	12	4	14	0	12	4	14	0	66.257	3.762E+09	0	1.18E+09	1490000	2.56E+09	0	1.12E+08	14564000	91651000	
P60660	P60660	Myosin light polypeptide 6	MYL6	spj	P60660	7	7	5	4	6	7	5	4	6	7	5	4	6	7	5	4	6	7	5	0	21.131	3.752E+09	3.04E+08	2.18E+08	53289000	3.18E+09	3.13E+08	18837000	37198000	1.2E+08	
P84098	P84098	60S ribosomal protein L19	RPL19	spj	P84098	9	9	9	2	7	8	7	2	7	8	7	2	7	8	7	2	7	8	7	0	36.2	3.746E+09	1540800	9.48E+08	63697000	2.16E+09	4822700	1.03E+08	33877000	1.14E+08	
Q15029	Q15029	116 kDa US small nuclear ribonucleoprotein com	FTUO2	spj	Q15029	27	26	26	5	26	24	26	5	25	23	25	23	25	23	25	23	25	23	25	0	192.97	3.743E+09	11245000	1.38E+09	14767000	2.16E+09	1.62E+09	16388000	1.1E+08	12463000	71567000
P37108	P37108	Signal recognition particle 14 kDa protein	SRP14	spj	P37108	9	9	9	3	7	8	7	3	7	8	7	3	7	8	7	3	7	8	7	0	50.7	3.741E+09	2.83E+08	1.67E+09	13982000	1.65E+09	1.43E+08	1.22E+08	15704000	71842000	
P12111	P12111	Collagen alpha-3(VI) chain	COL6A3	spj	P12111	51	51	51	2	9	51	1	2	9	51	1	2	9	51	1	2	9	51	1	0	51.1	3.735E+09	20530000	3247200	14613000	3.74E+09	4749200	560780	3147700	1.74E+08	
P61221	P61221	ATP-binding cassette sub-family E member 1	ABCE1	spj	P61221	14	14	14	6	14	4	14	6	14	4	14	6	14	4	14	6	14	4	14	0	178.9	3.726E+09	51489000	1.12E+09	10822000	2.50E+09	50334000	1.1E+08	1123000	81925000	
Q58F84	Q58F84	Putative heat shock protein HSP 90-beta 2	HSP90AB2	spj	Q58F84	9	1	1	5	9	6	9	1	1	1	1	1	1	1	1	1	1	1	1	0	16.794	3.706E+09	2.68E+08	6.65E+08	15155000	2.76E+09	2.08E+08	1.12E+08	19535000	1.11E+08	
Q9H984	Q9H984	Sideroflexin-1	SFXN1	spj	Q9H984	13	13	13	2	13	10	11	2	13	10	11	2	13	10	11	2	13	10	11	0	55.619	3.699E+09	33529000	1.79E+09	7184000	1.81E+09	46894000	1.44E+08	4297900	66043000	
P49720	P49720	Proteasome subunit beta type-3	PSMB3	spj	P49720	8	8	8	6	5	8	0	6	5	8	0	6	5	8	0	6	5	8	0	0	41.807	3.679E+09	0	1.43E+09	43092000	2.21E+09	0	1.04E+08	3789000	968000	
Q9NYU2	Q9NYU2	UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	spj	Q9NYU2	31	31	31	0	29	6	29	0	29	6	29	0	29	6	29	0	29	6	29	0	193.12	3.67E+09	0	6.91E+08	20797000	2.96E+09	0	74047000	12699000	1.1E+08	
P00367;P4	P00367;P4	Glutamate dehydrogenase 1, mitochondrial;Gluta	GLUD1;GLI	spj	P00367	24	24	24	0	24	9	0	24	9	0	24	9	0	24	9	0	24	9	0	0	50.2	3.619E+09	0	1.41E+09	1577000	2.24E+09	0	1.04E+08	16202000	80387000	
Q16891	Q16891	MICOS complex subunit MIC60	IMMT	spj	Q16891	30	30	30	8	29	19	25	8	29	19	25	8	29	19	25	8	29	19	25	0	189.72	3.645E+09	28434000	2.3E+09	64413000	1.25E+09	29749000	1.67E+08	59903000	63585000	
Q15046	Q15046	Lysine-tRNA ligase	KARS	spj	Q15046	31	31	31	5	27	20	28	5	27	20	28	5	27	20	28	5	27	20	28	0	141.9	3.634E+09	32280000	1.13E+09	16270000	2.3E+09	47183000	92873000	90252000	93268000	
Q15393	Q15393	Splicing factor 3B subunit 3	SF3B3	spj	Q15393	29	29	29	7	26	18	28	7	26	18	28	7	26	18	28	7	26	18	28	0	244.62	3.625E+09	2.11E+08	1.39E+09	2792000	1.95E+09					

P36957	P36957	Dihydrolypolylysine-residue succinyltransferase cc DLST	sp P36957	9	9	9	7	8	6	9	7	8	6	9	21	48.755	0	101.57	3.121E+09	2.73E+08	9.53E+08	98238000	1.8E+09	1.59E+08	1.12E+08	123520000	1.03E+08					
P51665	P51665	26S proteasome non-ATPase regulatory subunit 7 PSM07	sp P51665	10	10	2	10	2	10	9	10	2	10	9	10	41.7	37.025	0	114.88	3.118E+09	123920	7.9E+08	42629000	2.4E+09	1455100	1.27E+08	16914000	38523000				
P42677	P42677	40S ribosomal protein S27	RP527	5	5	5	5	5	5	2	5	5	2	3	2	41.7	37.025	0	23.588	3.118E+09	40578000	9.75E+08	11895000	1.98E+09	35732000	58951000	126420000	52159000				
P18085	P18085	ADP-ribosylation factor 4	ARF4	8	4	4	1	8	7	8	1	4	4	4	4	52.8	20.511	0	20.153	3.103E+09	1799900	5.94E+08	39233000	2.47E+09	4069800	27474000	24828000	1.26E+08				
Q04917	Q04917	14-3-3 protein eta	YWHAH	16	12	4	16	9	15	3	12	6	11	3	12	61	28.218	0	211.48	3.102E+09	4164100	9.84E+08	16677000	2.1E+09	4072500	77454000	8161200	95833000				
P28072	P28072	Proteasome subunit beta type-6	PSMB6	sp P28072	7	7	1	6	4	6	1	6	4	6	1	6	51.5	25.357	0	105.39	3.1E+09	1572500	8.73E+08	27964000	2.2E+09	2398100	70876000	29090000	83271000			
Q9Y617	Q9Y617	Phosphoserine aminotransferase	PSAT1	sp Q9Y617	15	15	15	15	0	11	15	0	11	15	0	11	50.8	40.422	0	53.519	3.099E+09	2118400	2.16E+09	0	9.37E+08	3253000	2.1E+08	0	15743000			
Q14008	Q14008	Cytoskeleton-associated protein 5	CKAP5	sp Q14008	39	39	3	32	15	38	3	32	15	38	3	32	26.3	22.549	0	164.35	3.098E+09	1787300	8.22E+08	42118000	2.3E+09	9313700	92735000	3748000	54190000			
P14550	P14550	Alcohol dehydrogenase [NAD(P)+]	AKR1A1	sp P14550	9	9	0	9	1	8	0	9	1	8	0	9	28.9	36.573	0	29.111	3.088E+09	0	5.11E+08	2873100	2.57E+09	0	78485000	2310900	72039000			
Q13283	Q13283	Ras GTPase-activating protein-binding protein 1	G3BP1	sp Q13283	16	16	14	12	14	2	14	12	14	1	13	11	45.3	52.164	0	135.49	3.086E+09	91340	7.64E+08	37218000	1.55E+09	2117700	15686000	25466600	1.01E+08			
Q16181	Q16181	Septin-7	SEP7	sp Q16181	14	14	2	14	9	14	2	14	9	14	2	14	37.3	50.679	0	100.23	3.075E+09	669910	9.71E+08	49248000	2.05E+09	891200	8384000	12735000	87223000			
Q15631	Q15631	Translin	TSN	sp Q15631	13	13	2	13	3	10	2	13	3	10	2	13	59.6	26.183	0	62.476	3.06E+09	2008900	1.14E+09	4558600	1.92E+09	8457100	1.08E+08	1398400	73965000			
P35613	P35613	Basigin	BSG	sp P35613	12	12	12	3	12	4	9	3	12	4	9	42.6	42.2	0	74.9	3.045E+09	5455300	1.83E+09	7995500	1.2E+09	2899500	1.62E+08	3762600	47243000				
Q9NSD9	Q9NSD9	Phenylalanine-tRNA ligase beta subunit	FARS5B	sp Q9NSD9	20	20	1	19	10	19	1	19	10	19	1	19	40.9	66.115	0	99.12	3.042E+09	2180600	9.8E+08	33501000	2.03E+09	3962900	88437000	2392000	78070000			
Q6PKG0	Q6PKG0	La-related protein 1	LARP1	sp Q6PKG0	33	33	4	27	27	28	4	27	27	28	4	27	27	28	0	165.91	3.036E+09	1406000	1E+09	24233000	1.78E+09	16529000	82832000	16970000	69255000			
P06396	P06396	Gelsolin	GSN	sp P06396	22	22	11	3	14	12	22	3	14	12	22	1	5	65.96	0	189.54	3.036E+09	8035600	1.97E+08	58257000	2.77E+09	1544000	2038800	3810000	1.05E+08			
P55036	P55036	26S proteasome non-ATPase regulatory subunit 4 PSM04	sp P55036	14	14	10	14	10	14	10	14	10	14	10	14	10	6	39.5	40.736	0	150.84	3.036E+09	0	1.28E+09	64473000	1.69E+09	0	1.09E+08	38969000	67064000		
P54819	P54819	Adenylate kinase 2, mitochondrial;Adenylate kina AK2	sp P54819	13	13	13	1	13	1	13	1	13	1	13	1	13	67.4	26.477	0	75.054	3.032E+09	2562300	2.17E+08	1283300	1.85E+08	1362400	1.96E+08	861280	15897000			
Q6I850	Q6I850	Twinfilin-2	TWF2	sp Q6I850	15	14	1	10	5	15	1	9	4	14	1	9	4	14	52.1	39.548	0	110.23	3.029E+09	612390	2.54E+08	9017500	2.77E+09	0	60444000	3954200	1.02E+08	
P28074	P28074	Proteasome subunit beta type-5	PSMB5	sp P28074	10	10	1	9	9	10	1	9	9	10	1	9	4	10	44.9	28.48	0	93.283	3.029E+09	774650	1.11E+09	56756000	1.86E+09	4717100	66970000	19809000	1.28E+08	
P61224;A6	P61224;A6	Ras-related protein Rap-1b;Ras-related protein R. RAP1B	sp P61224	9	9	3	1	9	2	9	1	9	2	9	0	3	64.1	20.825	0	100.33	3.023E+09	424410	4.4E+08	18045000	2.56E+09	7987600	40907000	24271000	76971000			
P40121	P40121	Macrophage-capping protein	CAPG	sp P40121	9	9	0	1	9	0	1	9	0	1	9	0	1	9	35.6	38.498	0	105.2	3.009E+09	0	2850000	4767100	3E+09	0	191180	531310	1.08E+08	
P60866	P60866	40S ribosomal protein S20	RP520	sp P60866	5	5	5	4	4	3	4	4	3	4	4	3	4	31.1	13.373	0	20.319	3.004E+09	81641000	1.1E+09	155710000	1.67E+09	66935000	9901800	123560000	61911000		
P68400;Q6	P68400;Q6	Casein kinase II subunit alpha;Casein kinase II sub. CSNK2A1;C	sp P68400	12	12	12	0	12	10	11	0	12	10	11	0	12	10	11	44.5	45.143	0	97.278	2.97E+09	0	1.22E+09	1554000	1.58E+09	0	87427000	13843000	58832000	
Q07666;Q0	Q07666	KH domain-containing, RNA-binding, signal trans. KHDRBS1	sp Q07666	10	10	1	9	8	8	1	9	8	8	1	9	8	28.7	48.227	0	51.612	2.969E+09	8354000	1.59E+09	106350000	1.26E+09	1118500	1.6E+08	50496000	49440000			
Q60841	Q60841	Eukaryotic translation initiation factor 5B	EIF5B	sp Q60841	31	31	2	29	16	27	2	29	16	27	2	29	16	27	33.8	138.83	0	211.23	2.965E+09	4039700	1.15E+09	50328000	1.76E+09	2489500	92744000	2378200	91877000	
Q9JUZ1	Q9JUZ1	Stomatol-like protein 2, mitochondrial	STOML2	sp Q9JUZ1	13	13	2	13	6	13	2	13	6	13	2	13	6	13	48.9	38.534	0	132.68	2.951E+09	5005500	1.18E+09	13074000	1.76E+09	4662200	8800000	1137000	69807000	
P18077	P18077	60S ribosomal protein L55a	RLP55A	sp P18077	11	11	11	3	10	9	11	3	10	9	11	3	10	9	11	57.3	12.538	0	25.746	2.948E+09	19375000	6.99E+08	35592000	1.87E+09	28610000	5282200	23020000	77498000
Q93009	Q93009	Ubiquitin carboxyl-terminal hydrolase 7	USP7	sp Q93009	26	26	26	1	24	13	25	1	24	13	25	1	24	13	25	34.1	128.3	0	145.89	2.946E+09	24240000	8.41E+08	44251000	2.04E+09	3442000	70468000	41655000	65376000
P00441	P00441	Superoxide dismutase [Cu-Zn]	SOD1	sp P00441	8	8	8	0	8	2	6	0	8	2	6	0	8	2	6	76.6	15.956	0	57.496	2.919E+09	0	2.53E+09	3043800	3.89E+08	0	2.1E+08	300410	24781000
P50213	P50213	Isocitrate dehydrogenase [NAD] subunit alpha, m	IDH3A	sp P50213	10	10	10	9	4	7	0	9	4	7	0	9	4	7	0	81.39	2.907E+09	0	1.31E+09	4230900	1.6E+09	0	1.09E+08	1323000	61888000			
Q14444	Q14444	Caprin-1	CAPRIN1	sp Q14444	12	12	12	6	11	12	6	11	12	6	11	12	12	6	11	12	26	78.365	0	69.484	2.902E+09	60742000	6.47E+08	35766000	1.84E+09	6584900	40025000	52044000
Q99829	Q99829	Copine-1	CPNE1	sp Q99829	13	13	13	3	8	6	13	3	8	6	13	3	8	6	13	37.6	59.508	0	148.64	2.896E+09	20870000	1.42E+08	26972000	2.71E+09	54544000	10425000	90139000	
P28066	P28066	Proteasome subunit alpha type-5	PSMA5	sp P28066	10	10	10	1	8	3	9	1	8	3	9	1	8	3	9	41.9	26.411	0	49.509	2.894E+09	6430700	1.03E+09	2381000	1.84E+09	10213000	7799100	22491000	77516000
P30048	P30048	Thioredoxin-dependent peroxidoreductase, mito	PRDX3	sp P30048	10	10	1	10	3	9	1	10	3	9	1	10	3	9	43.4	27.692	0	45.065	2.892E+09	6509100	1.65E+09	3784800	1.23E+09	4040100	1.07E+08	2087700	50175000	
P09936	P09936	Ubiquitin carboxyl-terminal hydrolase isozyme L1	UCHL1	sp P09936	9	9	9	0	8	0	8	0	8	0	8	0	8	51.6	24.824	0	36.922	2.887E+09	0	5.12E+08	0	2.38E+09	0	6478000	0	78013000		
P30084	P30084	Enoyl-CoA hydratase, mitochondrial	ECHS1	sp P30084	12	12	1	11	3	9	1	11	3	9	1	11	3	9	46.9	31.387	0	88.93	2.874E+09	1320500	1.38E+09	25443000	1.47E+09	0	1.23E+08	31431000	44666000	
Q6DD88	Q6DD88	Atlastin-3	ATL3	sp Q6DD88	18	18	18	0	8	5	18	0	8	5	18	0	8	5	18	42.7	60.541	0	152.61	2.858E+09	0	1.68E+08	6691200	2.68E+09	0	16821000	696400	1.05E+08
P20810	P20810	Calpastatin	CAST	sp P20810	20	20	20	12	1	20	0	12	1	20	0	12	1	20	46	76.572	0	149.05	2.858E+09	0	2.1E+08	2666900	2.65E+09	0	2449000	3102600	1.01E+08	
P62987;P0	P62987;P0	Ubiquitin-60S ribosomal protein L40;Ubiquitin;60	UBA52;UB	sp P62987	5	5	1	5	5	5	5	5	5	5	5	5	1	1	44.5	14.728	0	46.801	2.857E+09	4301800	9.39E+08	34902000	1.57E+09	5370600	80409000	24601000	51858000	
P06737	P06737	Glycogen phosphorylase, liver form	PGYL	sp P06737	35	35	29	0	32	2	30	0	32	2	30	0	26	0	24	51.2	97.417	0	162.54	2.834E+09	0	1.04E+09	1901700	1.79E+09	0	1.80E+08	1233300	58210000
Q75874	Q75874	Isocitrate dehydrogenase [NADP] cytoplasmic	IDH1	sp Q75874	16	15	0	13	9	16	0	12	8	15	0	12	8	15	45.9	46.659	0	70.447	2.827E+09	0	5.51E+08	1387700	2.26E+09	0	5557200	15099000	80235000	
P59988	P59988	Actin-related protein 2/3 complex subunit 4	ARPC4	sp P59988	8	8	8	7	5	7	0	7	5</																			



Q06323	Q06323	Proteasome activator complex subunit 1	PSME1	Q106323	11	11	11	0	10	5	11	0	10	5	11	0	10	5	11	44.6	28.723	0	41.01	2.531E+09	0	6.28E+08	12174000	1.89E+09	0	56956000	12448000	68300000		
Q53H12	Q53H12	Acylglycerol kinase, mitochondrial	AGK	Q1053H12	10	10	10	3	9	7	9	3	9	7	9	3	9	7	9	36	47.137	0	77.365	2.526E+09	44164000	1.07E+09	53886000	1.36E+09	64770000	85894000	27013000	52675000		
Q14617	Q14617	AP-3 complex subunit delta-1	AP3D1	Q1014617	24	24	24	1	20	12	22	1	20	12	22	1	20	12	22	27.5	130.16	0	175.82	2.524E+09	697500	5.1E+08	35095000	1.98E+09	0	43760000	39562000	66638000		
P11766	P11766	Alcohol dehydrogenase class-3	ADH5	Q111766	8	8	8	0	8	1	7	0	8	1	7	0	8	1	7	22.7	39.724	0	35.578	2.522E+09	0	6.16E+08	743660	1.91E+09	0	16509000	1554500	1.15E+08		
Q15942	Q15942	Zyxin	ZYX	Q1015942	13	13	13	0	7	4	13	0	7	4	13	0	7	4	13	39.5	61.277	0	213.15	2.511E+09	0	1.53E+08	756440	2.35E+09	0	17340000	7207200	90675000		
P62136	P62136	Serine/threonine-protein phosphatase PP1-alpha	PPP1CA	Q1062136	12	12	12	4	12	7	12	4	12	7	12	4	12	7	12	6	46.4	37.512	0	66.508	2.508E+09	28390000	6.71E+08	47273000	1.76E+09	24666000	71433000	36073000	55280000	
Q92614	Q92614	Unconventional myosin-XVIIIa	MYO18A	Q1092614	35	35	35	3	6	33	29	3	6	33	29	3	6	33	29	23.8	233.11	0	149.42	2.503E+09	1.34E+08	90304000	238590000	2.04E+09	65399000	6086500	230440000	81774000		
P62280	P62280	40S ribosomal protein S11	RPS11	Q1062280	10	10	10	5	10	9	9	5	10	9	9	5	10	9	9	55.7	18.431	0	31.868	2.503E+09	98376000	9.86E+08	21020000	1.22E+09	87724000	10510000	47483000			
Q9Y6N5	Q9Y6N5	Sulfide:quinone oxidoreductase, mitochondrial	SQRDL	Q109Y6N5	15	15	15	0	14	13	0	0	14	13	0	0	14	13	0	44.9	49.96	0	185.46	2.501E+09	0	0	14966000	2.35E+09	0	10198000	95307000	0	15098000	9307000
Q16851	Q16851	UTP--gamma-U-3-phosphate uridylyltransferase	UGP2	Q1016851	15	15	15	0	12	4	15	0	12	4	15	0	12	4	15	42.7	56.94	0	68.48	2.45E+09	0	2.14E+08	447450	2.85E+09	0	47260000	81652700	88438000		
Q90404	Q90404	Ras-related protein Rab-1B	RAB1B	Q1090404	10	4	4	2	10	7	10	1	4	3	4	1	4	3	4	66.2	32.171	0	70.059	2.498E+09	990600	6.61E+08	6399600	1.83E+09	997580	53671000	4202000	67867000		
O75489	O75489	NADH dehydrogenase [ubiquinone] iron-sulfur pr	NDUFS3	Q1075489	12	12	12	0	11	6	12	0	11	6	12	0	11	6	12	54.9	30.241	0	86.314	2.482E+09	0	1.1E+09	3177000	1.35E+09	0	89541000	30260000	54211000		
Q0UM54	Q0UM54	Pre-mRNA-processing factor 19	PRPF19	Q109UM54	12	12	12	3	11	8	11	3	11	8	11	3	11	8	11	34.5	55.18	0	80.065	2.471E+09	28904000	6.68E+08	11223000	1.66E+09	56162000	48183000	6055000	45522000		
O00303	O00303	Eukaryotic translation initiation factor 3 subunit F	EIF3F	Q100303	13	13	13	9	11	7	12	9	11	7	12	9	11	7	12	9	53.8	37.563	0	97.538	2.47E+09	5.83E+08	8.82E+08	22041000	1.85E+09	5.42E+08	50530000	27191000	74883000	
Q04446	Q04446	1,4-alpha-glucan-branching enzyme	GBE1	Q104444	18	18	18	1	8	0	18	1	8	0	18	1	8	0	18	42.7	80.473	0	119.55	2.463E+09	60161000	94956000	0	2.31E+09	42854000	24130000	0	96440000		
P55809	P55809	Succinyl-CoA:3-ketoacid Coenzyme A transferase	OXC1T	Q1055809	14	14	14	1	12	2	14	1	12	2	14	1	12	2	14	40.4	56.157	0	195.94	2.458E+09	1149000	8.69E+08	8209400	1.58E+09	38506000	50078000	9471900	82578000		
P20340	P20340	Ras-related protein Rab-6A	RAB6A	Q1020340	8	8	8	5	1	8	1	6	1	8	1	6	0	8	1	6	39.9	23.593	0	59.813	2.454E+09	2015500	7.71E+08	14355000	1.67E+09	473880	97345000	474400	28949000	
Q13148	Q13148	TAR DNA-binding protein 43	TARDBP	Q1013148	9	9	9	9	6	9	9	9	6	9	9	9	6	9	9	5.8	44.739	0	59.83	2.45E+09	4143200	1.09E+09	4000000	23031000	1.33E+09	4078000	10545000	11742000	48287000	
P61011	P61011	Signal recognition particle 54 kDa protein	SRP54	Q1061011	16	16	16	0	14	3	15	0	14	3	15	0	14	3	15	37.5	55.704	0	97.382	2.449E+09	0	8.11E+08	3402900	1.64E+09	0	74621000	1616400	64696000		
P28331	P28331	NADH-ubiquinone oxidoreductase 75 kDa subunit	NDUFS1	Q1028331	23	23	23	3	22	11	19	3	22	11	19	3	22	11	19	42.1	79.700	0	121.5	2.448E+09	2346200	1.19E+09	3711000	1.22E+09	2386500	99290000	14409000	64319000		
O94979	O94979	Protein transport protein Sec31A	SEC31A	Q1094979	24	24	24	0	18	1	24	0	18	1	24	0	18	1	24	26	133.01	0	113.89	2.436E+09	0	3.61E+08	155840	2.07E+09	0	38041000	0	76441000		
P36542	P36542	ATP synthase subunit gamma, mitochondrial	ATP5C1	Q1036542	11	11	11	2	11	7	10	2	11	7	10	2	11	7	10	2	45.3	32.996	0	49.224	2.433E+09	4527900	1.01E+09	44750000	1.38E+09	6250900	95367000	21559000	56847000	
P54578	P54578	Ubiquitin carboxyl-terminal hydrolase 14	USP14	Q1054578	18	18	18	0	16	4	17	0	16	4	17	0	16	4	17	49.6	56.068	0	115.4	2.43E+09	0	5.63E+08	5703400	1.86E+09	0	49190000	5281500	75425000		
P12236	P12236	ADP/ATP translocase 3;ADP/ATP translocase 3, N	SLC25A6	Q1012236	12	12	12	10	9	2	5	3	2	1	3	2	1	3	2	38.9	32.866	0	21.16	2.428E+09	1.77E+08	1.12E+09	5180000	9.72E+08	1.72E+08	21772000	35126000	45355000		
O60701	O60701	UDP-glucose 6-dehydrogenase	UGDH	Q1060701	17	17	17	1	8	5	17	1	8	5	17	1	8	5	17	45.3	55.023	0	94.431	2.427E+09	1811600	87114000	5543100	2.33E+09	2151400	9062300	3452500	99479000		
P30043	P30043	Flavin reductase [NADPH]	BLVRB	Q1030043	8	8	8	6	1	8	0	6	1	8	0	6	1	8	0	48.1	22.119	0	41.491	2.424E+09	0	2.33E+08	812420	1.95E+09	0	23197000	63740	87307000		
P21281	P21281	V-type proton ATPase subunit B, brain isoform	ATP6V1B2	Q1021281	16	16	16	0	13	4	15	0	13	4	15	0	13	4	15	52.1	56.5	0	145.87	2.418E+09	0	5.81E+08	494910	1.83E+09	0	36686000	57663000	4522300	76613000	
O9B7T0	O9B7T0	Acidic leucine-rich nuclear phosphoprotein 32 fan	ANP32F	Q109B7T0	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	12.3	30.692	0	39.165	2.414E+09	0	0.89E+08	0	1.52E+09	0	79472000	0	62048000		
P06753	P06753	Tropomyosin alpha-3 chain	TPM3	Q1006753	16	7	5	14	13	16	4	6	6	7	4	6	6	7	4	43.2	62.95	0	23.57	2.414E+09	13351000	9.61E+08	10026000	1.34E+09	13486000	47473000	74893000	63111000		
P11216	P11216	Glycogen phosphorylase, brain form	PYGB	Q1011216	29	24	22	2	25	5	25	2	20	3	20	2	19	3	18	41.2	96.695	0	107.95	2.41E+09	10699000	4.55E+08	5663100	1.94E+09	65966000	4830000	1848700	77738000		
O94905	O94905	Erlin-2	ERLN2	Q1094905	12	12	12	11	12	11	12	2	10	11	12	2	10	9	10	38.6	37.839	0	125.43	2.405E+09	9855300	7.95E+08	10532000	1.5E+09	26746000	78875000	16748000	43622000		
P56134	P56134	ATP synthase subunit f, mitochondrial	ATP5F2	Q1056134	3	3	3	3	3	2	1	3	3	2	1	3	3	2	1	39.4	10.129	0	17.508	2.404E+09	94141000	1.06E+09	44466000	1.21E+09	1.16E+08	86469000	26185000	38984000		
P49207	P49207	60S ribosomal protein L34	RPL34	Q1049207	7	7	7	7	6	1	7	6	1	7	6	1	7	6	1	15.002	2.397E+09	5774200	15.002	2.397E+09	735E+08	357320000	1.35E+09	7234900	63127000	23731000	54327000			
P38117	P38117	Electron transfer flavoprotein subunit beta	ETFb	Q1038117	14	14	14	0	13	4	13	0	13	4	13	0	13	4	13	45.9	27.843	0	35.344	2.395E+09	0	1.19E+09	3568900	1.2E+09	0	1.07E+08	530440	44869000		
Q02218	Q02218	2-oxoglutarate dehydrogenase, mitochondrial	OGDH	Q1002218	30	30	30	6	20	12	30	6	20	12	30	6	20	12	30	40.4	115.93	0	145.49	2.393E+09	43406000	3.36E+08	2338000	1.99E+09	42378000	10967000	31659000	63432000		
Q7L576	Q7L576	Cytoplasmic FMRI-1-interacting protein 1	CYFIP1	Q107L576	25	25	25	4	2	18	3	23	2	18	3	23	2	18	3	12.5	145.18	0	106.44	2.39E+09	887840	3.06E+08	382800	2.08E+09	1147900	22687000	1863600	9063000		
P01834	P01834	Ig kappa chain C region	IGKC	Q101834	4	4	4	1	2	0	3	1	2	0	3	1	2	0	3	65.4	11.765	0	20.001	2.388E+09	2.35E+09	2341500	4036000	0	2.31E+09	596050	18613000	0		
Q13409	Q13409	Cytoplasmic dynein 1 intermediate chain 2	DYNC12	Q1013409	16	16	16	2	6	10	16	2	6	10	16	2	6	10	16	2	51.1	71.456	0	220.68	2.388E+09	4813000	74837000	68457000	2.24E+09	11795000	8391500	46488000	82864000	
Q8WV16	Q8WV16	Sec1 family domain-containing protein 2	SCFD1	Q108WV16	16	16	16	1	13	2	15	1	13	2	15	1	13	2	15	39.7	73.279	0	239.93	2.376E+09	1192200	9.69E+08	1744800	1.38E+09	2968700	1.18E+08	11132000	30089000		
Q8N163	Q8N163	Cycl B and apoptosis regulator protein 2	CCAR2	Q108N163	24	24	24	4	18	13	21	4	18	13	21	4	18	13	21	35.3	10.259	0	74.097	2.375E+09	34542000	6.12E+08	93706000	1.64E+09	36515000	45897000	78634000	56689000		
P61254	P61254	60S ribosomal protein L26	RPL26	Q1061254	11	11	11																											

P49721	P49721	Proteasome subunit beta type-2	PSMB2	p P49721	7	7	7	2	6	4	7	2	6	4	7	2	6	4	7	45.8	22.836	0	31.565	2.154E+09	2097300	7.19E+08	17125000	1.42E+09	4601000	56383000	13665000	48800000				
Q9UKX9	Q9UKX9	ADP-sugar pyrophosphatase	NDUT5	p Q9UKX9	10	10	10	0	9	4	8	0	9	4	8	0	9	4	8	0	51.6	24.327	0	45.767	2.154E+09	0	8.75E+08	5277400	1.27E+09	0	7566300	6891700	5050000			
Q96C2X	Q96C2X	BTB/POZ domain-containing protein KCTD12	KCTD12	p Q96C2X	14	14	14	0	9	14	12	6	9	14	12	6	9	14	12	6	9	51.4	35.7	0	104.59	2.153E+09	2.19E+08	1.83E+08	68823000	1.06E+09	3.68E+08	10425000	33944000	24162000		
Q14847	Q14847	LIM and SH3 domain protein	LASP1	p Q14847	14	14	14	1	12	9	14	1	12	9	14	1	12	9	14	1	55.6	29.717	0	51.321	2.142E+09	135960	2.04E+08	21606000	1.92E+09	401630	13183000	5546500	87805000			
Q6P5R6	Q6P5R6	60S ribosomal protein L22-like 1	RPL22L1	p Q6P5R6	4	4	4	2	3	4	3	2	3	4	3	2	3	4	3	2	51.6	14.606	0	61.879	2.142E+09	23988000	2.23E+08	21411000	1.68E+09	51105000	35681000	13393000	36455000			
P62879	P62879	Guanine nucleotide-binding protein G(I)/G(S)/G(T)	GNB2	p P62879	9	9	1	1	6	6	9	1	6	6	9	0	0	0	1	31.2	37.331	0	123.33	2.134E+09	35069000	2.86E+08	30518000	1.78E+09	34743000	27573000	23895000	67853000				
Q14108	Q14108	Lysosome membrane protein 2	SCARB2	p Q14108	10	10	10	0	7	3	9	0	7	3	9	0	7	3	9	0	86.075	2.129E+09	0	1.6E+08	0	1.6E+08	0	1.97E+09	0	1871000	1258500	2270900	54151000			
P35268	P35268	60S ribosomal protein L22	RPL22	p P35268	5	5	5	2	5	4	4	2	5	4	4	2	5	4	4	2	52.3	14.787	0	42.754	2.128E+09	75609000	9.47E+08	376820000	7.28E+08	60233000	82859000	24089000	58276000			
O75822	O75822	Eukaryotic translation initiation factor 3 subunit 1	EIF3S2	p O75822	12	12	12	4	12	3	12	4	12	3	12	4	12	3	12	5	53.5	29.062	0	99.622	2.127E+09	1.71E+08	1.74E+08	12581000	1.22E+09	2.42E+08	29015000	5020300	17524000			
P20042	P20042	Eukaryotic translation initiation factor 2 subunit 2	EIF2S2	p P20042	15	15	15	5	12	11	14	5	12	11	14	5	12	11	14	5	12	47.4	38.388	0	109.06	2.126E+09	1.31E+08	7.32E+08	88482000	1.17E+09	1.05E+08	71022000	86520100	38218000		
P07858	P07858	Cathepsin B/cathepsin B light chain/Cathepsin B	CTSB	p P07858	8	8	8	0	1	3	8	0	1	3	8	0	1	3	8	0	56.805	2.124E+09	0	56.805	2.124E+09	0	5459000	43851000	2.07E+09	0	741530	21495000	80238000			
O15355	O15355	Protein phosphatase 1G	PPM1G	p O15355	17	17	17	1	17	6	14	1	17	6	14	1	17	6	14	1	17	48.8	59.271	0	112.53	2.117E+09	1370900	8.03E+08	7885500	1.21E+09	1392000	73626000	5615600	49013000		
A6NUG6	A6NUG6	Arginine-fifty homeobox	ARGFX	p A6NUG6	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	8.6	35.616	0.002446	2.2173	2.113E+09	2.11E+09	0	0	0	2.11E+09	0	0	0	0		
O60488	O60488	Long-chain-fatty-acid-CoA ligase 4	ACSL4	p O60488	17	17	16	1	11	6	17	1	11	6	17	1	10	5	16	33.8	79.187	0	78.646	2.113E+09	940870	2.01E+08	33873000	1.82E+09	1915600	9095100	14305000	92591000				
P09622	P09622	Dihydrolipoyl dehydrogenase, mitochondrial	DLD	p P09622	11	11	11	1	8	3	11	1	8	3	11	1	8	3	11	1	27.5	54.177	0	40.569	2.112E+09	695900	1.99E+08	5871000	1.19E+09	550480	86653000	2145700	4512000			
P06132	P06132	Uroporphyrinogen decarboxylase	UROD	p P06132	9	9	9	1	9	0	8	1	9	0	8	1	9	0	8	1	9	45.5	40.786	0	80.297	2.109E+09	0	3.78E+08	518300	1.73E+09	0	394940	65048000			
O00425	O00425	Insulin-like growth factor 2 mRNA-binding protein IGF2BP3	IGF2BP3	p O00425	17	15	15	6	12	14	14	10	12	12	14	10	12	12	14	10	35.6	63.604	0	76.337	2.101E+09	96931000	3.96E+08	201620000	1.41E+09	1.3E+08	31924000	102680000	44557000			
P61758	P61758	Prefoldin subunit 1	VBP1	p P61758	10	10	10	1	10	1	10	1	10	1	10	1	10	1	10	1	60.734	2.1E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09	1.17E+09		
P13798	P13798	Acylation-acid-releasing enzyme	APEH	p P13798	16	16	16	0	14	4	15	0	14	4	15	0	14	4	15	29.9	81.224	0	76.988	2.097E+09	0	5.5E+08	4286000	1.54E+09	0	4262200	706900	6325000				
Q15404	Q15404	Ras suppressor protein 1	RSU1	p Q15404	12	12	12	1	12	8	11	1	12	8	11	1	12	8	11	1	57.4	31.54	0	138.44	2.096E+09	671200	3.79E+08	2578000	1.69E+09	1042400	38683000	9888800	71177000			
P11310	P11310	Medium-chain specific acyl-CoA dehydrogenase, rACADM	ACADM	p P11310	17	17	17	1	17	3	15	1	17	3	15	1	17	3	15	1	47.5	46.588	0	147.2	2.09E+09	1004800	1.61E+08	2846500	4.73E+08	760000	1.35E+08	500630	18545000			
P55735	P55735	Protein SEC13	SEC13	p P55735	2	2	2	0	2	2	2	0	2	2	2	0	2	2	2	0	46.722	0.86E+09	0	46.722	2.086E+09	0	3.82E+08	2265600	1.68E+09	0	3747000	13822000	59019000			
Q15257	Q15257	Serine/threonine-protein phosphatase 2A activator	PPP2R4	p Q15257	11	11	11	0	11	0	11	0	11	0	11	0	11	0	11	0	53.4	40.667	0	94.807	2.073E+09	0	7.78E+08	0	1.39E+09	0	67842000	0	5399800			
Q9Y510	Q9Y510	Transportin-3	TNP03	p Q9Y510	14	14	14	0	11	5	14	0	11	5	14	0	11	5	14	23.8	104.2	0	79.831	2.073E+09	0	2.78E+08	9065100	1.78E+09	0	30085000	14379000	58616000				
Q15738	Q15738	Sterol-4-alpha-carboxylate 3-dehydrogenase, dec	NSDHL	p Q15738	9	9	9	0	8	1	9	0	8	1	9	0	8	1	9	0	95.78	2.071E+09	0	95.78	2.071E+09	0	6.22E+08	7805000	1.44E+09	0	40234000	1006000	62721000			
Q96533	Q96533	FA5-associated factor 2	FAF2	p Q96533	9	9	9	2	8	6	8	2	8	6	8	2	8	6	8	2	8	29.9	52.623	0	61.852	2.07E+09	1959200	5.77E+08	36119000	1.46E+09	6969700	48643000	33899000	47715000		
Q43809	Q43809	Cleavage and polyadenylation specificity factor subunit 7	NSD7	p Q43809	11	11	11	1	11	6	9	5	11	6	9	5	11	6	9	5	11	6	9	5	11	6	9	5	11	6	9	5	11	6	9	5
P12270	P12270	Nucleoprotein TPR	TPR	p P12270	41	41	41	4	35	20	33	4	35	20	33	4	35	20	33	4	35	20	33	4	35	20	33	4	35	20	33	4	35	20	33	4
Q53600	Q53600	Very-long-chain 3-oxoacyl-CoA reductase	MSH2	p Q53600	10	10	10	2	10	5	10	2	10	5	10	2	10	5	10	2	10	49.7	34.324	0	43.626	2.059E+09	75122000	6.15E+08	30099000	1.94E+09	79658000	8704000	4465000	40996000		
Q12907	Q12907	Vesicular integral-membrane protein VIP36	LMAN2	p Q12907	10	10	10	0	6	1	9	0	6	1	9	0	6	1	9	0	172	2.058E+09	0	172	2.058E+09	0	3.98E+08	663720	1.66E+09	0	1236000	1211600	90189000			
O15145	O15145	Actin-related protein 2/3 complex subunit 3	ARPC3	p O15145	8	8	8	1	5	3	8	1	5	3	8	1	5	3	8	1	5	3	8	1	5	3	8	1	5	3	8	1	5	3	8	1
P38919	P38919	Eukaryotic initiation factor 4A-III;Eukaryotic initiat	EIF4A3	p P38919	17	14	14	7	16	9	16	6	14	7	13	6	14	7	13	6	14	38.4	46.871	0	56.96	2.052E+09	2.18E+08	8.43E+08	20571000	8.7E+08	1.69E+08	1.01E+08	34734000	4613000		
Q43390	Q43390	Heterogeneous nuclear ribonucleoprotein R	HNRNPR	p Q43390	20	16	16	4	18	15	20	2	14	12	16	4	12	16	4	12	16	114.8	2.05E+09	1E+08	4.31E+08	13132000	1.39E+09	1.19E+08	3379900	5.86E+08	5266000	45868000				
O75828	O75828	Carbonyl reductase [NADPH] 3	CBR3	p O75828	10	8	7	4	6	3	8	2	4	1	6	2	4	1	6	2	4	48.7	30.85	0	92.807	2.042E+09	1.52E+09	1.62E+08	11879000	2.81E+08	3.58E+08	1.28E+08	1.052E+09	5988400		
P47914	P47914	60S ribosomal protein L29	RPL29	p P47914	4	4	4	2	3	2	4	2	3	2	4	2	3	2	4	2	25.2	17.40	0	9.6257	2.036E+09	1.88E+08	6.91E+08	22657000	9.3E+08	1.12E+08	7979000	19637000	51915000			
Q07686	Q07686	Beta-hexosaminidase subunit beta;Beta-hexosam	HEXB	p Q07686	12	12	12	1	9	6	12	1	9	6	12	1	9	6	12	1	39.1	63.111	0	90.393	2.035E+09	6480500	4.2E+08	34093000	1.57E+09	9682200	2289600	2985000	68472000			
Q9Y211	Q9Y211	Exosome complex exonuclease RRP44	DIS3	p Q9Y211	20	20	20	1	17	6	19	2	17	6	19	2	17	6	19	31.1	109	0	95.867	2.033E+09	2788000	7.51E+08	4853300	1.27E+09	6057700	46915000	8053100	56458000				
P13073	P13073	Cytochrome c oxidase subunit 4 isoform 1, mitoc	COX4I1	p P13073	7	7	7	3	7	2	6	3	7	2	6	3	7	2	6	3	42.6	19.576	0	16.348	2.03E+09	22648000	1.2E+09	1763300	8.04E+08	15875000	1.06E+08	388320	37753000			
Q14739	Q14739	Lamin-B receptor	LBR	p Q14739	11	11	11	1	11	5	8	1	11	5	8	1	11	5	8	1	11	5	8	1	11	5	8	1	11	5	8	1	11	5	8	1
P31150	P31150	Rab GTP dissociation inhibitor alpha	GD11	p P31150	20	12	12	1	20	3	19	0	12	0	11	0	12	0	11	0	56.8	50.582	0	241.15	2.018E+09	0	7.86E+08	0	1.23E+09	0	51720000	0	54199000			
O96019	O96019	Actin-like protein 6A	ACTL6A	p O96019	9	9	9	1	8	6	7	1	8	6	7	1	8	6	7</																	

O95347	O95347	Structural maintenance of chromosomes beta	SMC2	sp O95347	28	28	28	3	23	13	25	3	23	13	25	3	23	13	25	29.3	135.65	0	77.632	1.8E+09	5061000	4.21E+08	31397000	1.34E+09	2788600	38842000	33705000	41018000	
Q12874	Q12874	Splicing factor 3A subunit 3	SF3A3	sp Q12874	17	17	17	3	17	6	14	3	17	6	14	3	17	6	14	43.1	58.848	0	131.85	1.8E+09	11939000	9.39E+08	20626000	2.89E+08	9109700	75421000	26270000	31846000	
P31153_Q0	P31153	S-adenosylmethionine synthase isoform type-2	MAT2A	sp Q12875	10	10	2	9	7	10	2	9	7	10	2	9	7	10	2	9	40.621	1.792E+09	3509000	3.94E+08	17659000	1.37E+08	8901200	45522000	10670000	41635000			
Q9UBQ7	Q9UBQ7	Glyoxylate reductase/hydroxypyruvate reductase	GRHPR	sp Q9UBQ7	8	8	8	0	7	0	8	0	7	0	8	0	7	0	8	37.5	35.668	0	87.018	1.783E+09	0	8.1E+08	0	0.73E+08	0	6668900	0	47470000	
Q9NR45	Q9NR45	Sialic acid synthase	NANS	sp Q9NR45	11	11	11	0	9	1	8	0	9	1	8	0	9	1	8	44	40.307	0	69.3	1.781E+09	0	1.13E+09	1402500	6.54E+08	0	1E+08	1199100	24062000	
O75153	O75153	Clustered mitochondria protein homolog	CLUH	sp O75153	20	20	20	1	16	0	18	1	16	0	18	1	16	0	18	20.1	146.67	0	50.268	1.781E+09	1.09E+09	1.9E+08	0	5.04E+08	9.91E+08	1.01E+08	0	31142000	
Q9UQ35	Q9UQ35	Serine/arginine repetitive matrix protein 2	SRRM2	sp Q9UQ35	25	25	25	16	17	13	12	16	17	13	12	16	17	13	12	14.1	299.61	0	130.63	1.778E+09	1.09E+09	3.6E+08	158150000	1.69E+08	7.18E+08	87891000	409130000	20611000	
Q02978	Q02978	Mitochondrial 2-oxoglutarate/malate carrier port	SLC25A11	sp Q02978	15	15	15	2	14	8	12	2	14	8	12	2	14	8	12	51.6	34.061	0	69.592	1.777E+09	23763000	6.2E+08	48002000	1.08E+09	23197000	48018000	381540000	44227000	
O9ULC4A	O9ULC4A	Malignant T-cell amplified sequence 1	MCTS1	sp O9ULC4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	56.9	20.555	0	36.011	1.775E+09	0	6.77E+08	913200	1.1E+09	0	58180000	635200	44522000	
Q12E23	Q12E23	Putative ATP-dependent RNA helicase DHX30	DHX30	sp Q12E23	27	27	27	5	20	22	22	5	20	22	22	5	20	22	22	32.4	133.94	0	140.59	1.773E+09	68276000	4.25E+08	251880000	1.03E+09	32788000	42852000	183810000	57805000	
Q75746	Q75746	Calcium-binding mitochondrial carrier protein Avc	SLC25A12	sp Q75746	17	17	17	0	15	16	22	0	15	16	22	0	15	16	22	41.4	74.761	0	119.69	1.77E+09	0	0	2.11E+08	51609000	0	15139000	53858000	42528000	
Q07955	Q07955	Serine/arginine-rich splicing factor 1	SRSF1	sp Q07955	12	12	12	11	11	12	11	12	11	12	11	12	11	12	11	12	44.8	27.744	0	36.802	1.768E+09	1119300	9.13E+08	94681000	7.59E+08	1811400	91312000	6888000	13234000
P23921	P23921	Ribonucleoside-diphosphate reductase large sub	RRM1	sp P23921	20	20	20	1	17	2	20	1	17	2	20	1	17	2	20	34.8	90.069	0	106.51	1.755E+09	1.32E+08	4.36E+08	8557000	1.1E+09	87448000	75490000	294200	51499000	
Q43837	Q43837	Isocitrate dehydrogenase [NAD] subunit beta, mit	IDH3B	sp Q43837	12	12	12	0	8	3	11	0	8	3	11	0	8	3	11	41	42.183	0	72.276	1.75E+09	0	6.43E+08	1806300	1.1E+09	0	49590000	688000	51082000	
O94826	O94826	Mitochondrial import receptor subunit TOM70	TOM70A	sp O94826	13	13	13	1	12	5	13	1	12	5	13	1	12	5	13	35.4	67.454	0	97.636	1.737E+09	893910	4.74E+08	8797300	1.25E+09	499640	14189000	4084900	53239000	
P06493	P06493	Cyclin-dependent kinase 1	CDK1	sp P06493	13	13	12	1	12	9	8	1	12	9	8	1	12	9	8	1	11	34.905	0	64.053	1.724E+09	45414000	1.06E+09	34794000	5.83E+08	49706000	84641000	260430000	25893000
Q96KP4	Q96KP4	Cytosolic non-specific dipeptidase	CNDP2	sp Q96KP4	15	15	15	15	14	1	14	0	14	1	14	0	14	1	14	42.1	52.878	0	71.183	1.721E+09	0	5.62E+08	154650	1.16E+09	0	82992000	83390	13470000	
P30837	P30837	Aldehyde dehydrogenase X, mitochondrial	ALDH1B1	sp P30837	13	12	12	0	13	0	11	0	12	0	11	0	12	0	11	0	36.8	57.206	0	95.626	1.716E+09	0	9.86E+08	0	7.3E+08	0	18669000	0	28050000
P98179	P98179	RNA-binding protein 3	RBM3	sp P98179	5	5	5	5	3	5	0	5	3	5	0	5	3	5	0	5	52.2	17.17	0	124.8	1.708E+09	0	4.8E+08	14405000	1.21E+09	0	39658000	2121000	40021000
P40222	P40222	Alpha-taxilin	TXLNA	sp P40222	19	19	19	1	18	9	15	1	18	9	15	1	18	9	15	46.7	61.89	0	96.188	1.707E+09	808910	6.5E+08	27277000	9.13E+08	4578900	38401000	22810000	59372000	
Q8TCT9	Q8TCT9	Minor histocompatibility antigen H13	HM13	sp Q8TCT9	9	8	8	1	7	2	8	1	7	2	8	1	7	2	8	24.1	41.888	0	118.84	1.703E+09	394460	3.35E+08	8647300	1.36E+09	510620	25471000	733590	5830000	
Q9Y281	Q9Y281	Cofilin-2	CF2	sp Q9Y281	9	4	4	3	9	9	8	0	4	2	4	0	4	2	4	56.6	18.736	0	52.946	1.703E+09	0	5.3E+08	133560000	1.04E+09	0	35782000	17720200	38439000	
P04632_Q0	P04632	Calpain small subunit 1	CAPN1	sp P04632	8	8	8	1	4	2	8	1	4	2	8	1	4	2	8	63.4	28.315	0	124.95	1.701E+09	1371500	32141000	3135800	1.66E+09	2665100	2345200	1164800	6860000	
P27361_P2	P27361	Mitogen-activated protein kinase 3	MAPK3	sp P27361	13	13	14	4	12	1	13	4	12	1	13	4	12	1	13	4	43.35	13.32	0	46.359	1.699E+09	27807000	4.37E+08	3806000	1.23E+09	39461000	29510000	3142600	47332000
P60891_P2	P60891	Ribose-phosphate pyrophosphokinase 1	PPPS1	sp P60891	11	11	5	2	10	4	8	2	10	4	8	2	10	4	8	2	5	2	0	37.743	1.699E+09	3253600	9.78E+08	9494100	7.08E+08	4022300	8982300	7437300	22591000
P51545	P51545	Mesencephalic astrocyte-derived neurotrophic fa	MANF	sp P51545	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	41.2	20.7	0	40.179	1.698E+09	0	6.62E+08	1262700	1.03E+09	0	74993000	995210	24962000	
O75436	O75436	Vacuolar protein sorting-associated protein 26A	VPS26A	sp O75436	12	12	11	0	12	4	12	0	12	4	12	0	12	4	12	47.1	38.169	0	50.962	1.694E+09	0	5.51E+08	7996300	1.33E+09	0	28963000	7912600	54340000	
P06730_Q6	P06730	Eukaryotic translation initiation factor 4E	EIF4E	sp P06730	8	8	8	2	8	2	8	2	8	2	8	2	8	2	8	41.9	25.097	0	27.952	1.683E+09	7605000	7.41E+08	4358000	8.91E+08	15027000	5876000	2547500	39551000	
P47985_P0	P47985	Cytochrome b-c1 complex subunit Rieske, mitocho	LQCRCF5.1	sp P47985	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	30.3	29.668	0	30.813	1.667E+09	0	6.41E+08	20299000	1.01E+09	0	5286000	1821700	40415000	
Q9H3U1	Q9H3U1	Protein unc-45 homolog A	UNC45A	sp Q9H3U1	17	17	17	1	16	14	15	1	16	14	15	1	16	14	15	22.4	103.08	0	58.197	1.657E+09	1408700	4.58E+08	51555000	1.15E+09	4908300	23187000	26885000	68570000	
P30520_Q8	P30520	Adenosylsuccinyl synthetase isozyme 2	ADSS	sp P30520	15	15	15	1	12	1	14	1	12	1	14	1	12	1	14	39	50.097	0	72.18	1.655E+09	660920	5.94E+08	899970	1.06E+09	1062300	3387000	493580	61448000	
P62910	P62910	60S ribosomal protein L32	RPL32	sp P62910	8	8	8	2	7	3	8	2	7	3	8	2	7	3	8	40.7	15.89	0	25.536	1.652E+09	15403000	3.74E+08	16899000	1.09E+09	3208300	40824000	9236200	41262000	
P56537	P56537	Eukaryotic translation initiation factor 6	EIF6	sp P56537	5	5	5	5	1	4	3	5	1	4	3	5	1	4	3	5	36.1	26.596	0	99.492	1.649E+09	3141800	2.35E+08	25351000	1.39E+09	8396900	11320000	15095000	62512000
Q14498_Q1	Q14498	RNA-binding protein 39	RBM39	sp Q14498	13	13	13	5	10	12	12	5	10	12	12	5	10	12	12	30.6	59.379	0	90.027	1.645E+09	1.56E+08	4.38E+08	13410000	9.17E+08	2.03E+08	2608000	67516000	24348000	
P68366	P68366	Tubulin alpha-4A chain	TUBA4A	sp P68366	24	24	24	4	6	20	21	23	0	4	3	5	8	3	5	8.3	49.924	0	31.775	1.64E+09	0	0	50742000	1.59E+09	0	0	41609000	57835000	
Q14157	Q14157	Ubiquitin-associated protein 2-like	UBAP2L	sp Q14157	18	18	18	0	18	9	17	0	18	9	17	0	18	9	17	0	71.53	0	79.765	1.633E+09	0	6.27E+08	30243000	9.76E+08	0	48301000	29407000	34823000	
P31040	P31040	Succinate dehydrogenase [ubiquinone] flavoprot	SDHA	sp P31040	14	14	14	0	11	0	11	0	11	0	11	0	11	0	11	33.1	12.691	0	95.742	1.631E+09	0	6.35E+08	0	0.97E+08	0	55491000	0	39863000	
P51571	P51571	Translocin-associated protein subunit delta	SSR4	sp P51571	5	5	5	5	4	5	0	4	5	0	4	5	0	4	5	36.4	18.998	0	27.661	1.63E+09	0	6.63E+08	10605000	9.56E+08	0	45802000	16804000	42318000	
O75347	O75347	Tubulin-specific chaperone A	TBCA	sp O75347	8	8	8	1	8	0	8	1	8	0	8	1	8	0	8	54.6	12.855	0	57.039	1.629E+09	465230	8.23E+08	0	8.05E+08	0	67387000	0	37941000	
P30419	P30419	Glycopeptide N-tetradecanoyltransferase 1	NMT1	sp P30419	10	10	10	6	9	0	10	6	9	0	10	6	9	0	10	6	31.5	56.806	0	107.53	1.623E+09	0	5.91E+08	11432000	1.02E+09	0	52774000	13814000	35154000
Q9HAV4	Q9HAV4	Exportin-5	XPO5	sp Q9HAV4	19	19	19	0	19	1	15	0	19	1	15	0	19	1	15	22	136.31	0	77.835	1.623E+09	0	1.08E+09	1258800	5.39E					

Q14914	Q14914	Prostaglandin reductase 1	PTGR1	sp Q14914	6	6	6	0	0	0	6	0	0	0	6	0	0	0	6	29.8	35.869	0	100.52	1.48E+09	0	0	0	1.48E+09	0	0	0	0	60872000	
Q52944	Q52944	ATPase family AAA domain-containing protein 3B	ATAD3B	sp Q52944	24	8	6	3	15	20	23	1	3	8	8	1	2	6	6	38.6	72.572	0	129.07	1.48E+09	8261900	65348000	211410000	1.19E+09	7424200	8077200	14658000	43143000		
Q8N766	Q8N766	ER membrane protein complex subunit 1	EMC1	sp Q8N766	28	21	21	6	3	17	3	21	1	17	3	21	1	17	3	21	29.6	111.160	0	80.763	1.478E+09	298340	3085400	3085400	1.2E+09	394650	21264000	1711900	5060000	
Q13177;Q13177	Q13177	Serine/threonine-protein kinase PAK 2;PAK-2p27;PAK2	sp Q13177	16	16	13	0	14	1	16	0	14	1	16	0	11	1	13	42.6	58.042	0	42.588	1.475E+09	0	3.62E+08	1722800	1.11E+09	0	12550000	2884300	57370000			
P54920;Q5	P54920	Alpha-soluble NF attachment protein	NAPA	sp P54920	10	10	10	0	9	2	10	0	9	2	10	0	9	2	10	39	33.22	0	80.871	1.475E+09	0	2.05E+08	2526000	1.27E+09	0	13675000	2728900	51202000		
P04899	P04899	Guanine nucleotide-binding protein G(i) subunit alpha	GNAI2	sp P04899	9	9	6	0	5	3	9	0	5	3	9	0	4	1	6	34.1	40.45	0	34.98	1.473E+09	0	1.34E+08	19845000	1.32E+09	0	9197700	17401000	52810000		
P08754	P08754	Guanine nucleotide-binding protein G(k) subunit alpha	GNAI3	sp P08754	9	5	5	0	3	3	8	0	2	1	5	0	2	1	5	32.8	40.45	0	59.561	1.473E+09	0	4.1630000	4268800	1.43E+09	0	8996600	5671100	49975000		
P15924	P15924	Nesoplastin	DSP	sp P15924	56	56	56	7	31	55	12	7	31	55	12	7	31	55	12	22.2	331.77	0	160.05	1.471E+09	5135400	3.78E+08	96256000	1.25E+08	6442500	23373000	63705000	5935100		
O95299	O95299	ADPH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA10	sp O95299	6	6	6	1	6	1	6	1	6	1	6	1	6	1	6	21.7	40.75	0	66.744	1.47E+09	1726700	6.74E+08	2688400	7.91E+08	8058700	47959000	4007600	35815000		
P13473	P13473	Lysosome-associated membrane glycoprotein 2	LAMP2	sp P13473	3	3	3	0	3	2	3	0	3	2	3	0	3	2	3	7.1	44.86	0	13.816	1.466E+09	0	6.54E+08	5398900	9.11E+08	0	45662000	40336000	30956000		
Q86093	Q86093	ATP-dependent RNA helicase DDX42	DDX42	sp Q86093	17	17	17	0	13	8	14	0	13	8	14	0	13	8	14	31.8	102.97	0	114.83	1.464E+09	0	4.15E+08	14419000	1.03E+09	0	34140000	28656000	26009000		
Q16401	Q16401	26S proteasome non-ATPase regulatory subunit 5	PSMD5	sp Q16401	14	14	14	0	12	14	0	12	14	0	11	2	14	40.5	56.195	0	178.11	1.463E+09	0	5505000	1760500	1.46E+09	0	297150	463960	60778000				
Q56V13	Q56V13	OCA domain-containing protein 2	OCAAD2	sp Q56V13	6	6	6	0	1	4	6	0	1	4	6	0	1	4	6	45.5	16.953	0	18.493	1.463E+09	0	2885900	10015000	1.45E+09	0	465560	6624500	59106000		
Q12792	Q12792	Twinfilin-1	TWF1	sp Q12792	15	15	14	1	11	4	15	1	11	4	15	1	10	3	14	61.1	40.282	0	201.69	1.458E+09	6815500	1.96E+08	5976700	1.26E+09	702160	17706000	2375000	52827000		
O75663	O75663	TIP41-like protein	TIPRL	sp O75663	10	10	10	1	8	1	9	1	8	1	9	1	8	1	9	56.2	31.446	0	61.223	1.456E+09	43196000	5.04E+08	544400	9.09E+08	22969000	74133000	3346900	74870000		
Q7L014	Q7L014	Probable ATP-dependent RNA helicase DDX46	DDX46	sp Q7L014	24	24	24	5	23	7	27	5	23	7	27	5	23	7	27	17.7	117.36	0	76.407	1.456E+09	10879000	7.74E+08	12919000	6.58E+08	12962000	20370000	9817600	21075000		
O43491	O43491	Band 4.1-like protein 2	EPB41L2	sp O43491	27	27	26	0	26	15	22	0	26	15	22	0	25	14	22	41.9	112.59	0	100.37	1.451E+09	0	6.59E+08	43093000	7.5E+08	0	54974000	33956000	28918000		
P62314	P62314	Small nuclear ribonucleoprotein Sm D1	SNRPD1	sp P62314	4	4	4	2	4	2	3	2	4	2	3	2	4	2	3	45.4	13.281	0	22.208	1.448E+09	5494300	5.51E+08	40060000	8.51E+08	20200000	39957000	22645000	33193000		
Q14683	Q14683	Structural maintenance of chromosomes protein 1	SMC1A	sp Q14683	37	37	37	5	36	14	22	5	36	14	22	5	36	14	22	33.1	143.23	0	105.05	1.446E+09	11502000	1.05E+09	28441000	3.52E+08	17721000	15738000	28257000	16133000		
Q92544	Q92544	Transmembrane 9 superfamily member 4	TM9SF4	sp Q92544	7	7	7	0	5	2	7	0	5	2	7	0	5	2	7	13.9	74.518	0	41.086	1.445E+09	0	1.31E+08	5232100	1.31E+09	0	13840000	6324300	48735000		
Q10567	Q10567	AP-1 complex subunit beta-1	AP1B1	sp Q10567	23	12	12	0	17	6	21	0	17	6	21	0	17	6	21	0	10.6	104.64	0	66.959	1.445E+09	0	3.80E+08	0	1.14E+09	0	30963000	0	43011000	
O9Y383	O9Y383	Putative RNA-binding protein Luc7-like 2	LUC7L2	sp O9Y383	13	13	8	4	11	8	11	4	11	8	11	4	11	8	11	3	29.3	46.513	0	35.848	1.445E+09	56559000	7.61E+08	75836000	5.52E+08	82176000	57348000	34724000	18120000	
O60716	O60716	Catenin delta-1	CTNND1	sp O60716	18	18	18	0	15	14	16	0	15	14	16	0	15	14	16	29.1	108.17	0	112.34	1.439E+09	0	2.35E+08	76282000	1.13E+09	0	22516000	56517000	39243000		
Q5JRX3	Q5JRX3	Presequence protease, mitochondrial	PITRM1	sp Q5JRX3	21	21	0	17	1	17	0	17	1	17	0	17	1	17	0	17	27.7	117.41	0	4.09E+08	3603400	1.02E+09	0	24908000	5988800	94846000				
Q96I24	Q96I24	Far upstream element-binding protein 3	FUBP3	sp Q96I24	21	18	18	3	10	8	16	2	17	8	14	5	6	11	8	14	56.3	61.64	0	70.211	1.418E+09	1825200	7.31E+08	32271000	6.53E+08	1929300	55500000	34867000	22510000	
Q13011	Q13011	Delta(3,5)-Delta(2,4)-dienyl-CoA isomerase, mitochondrial	ECH1	sp Q13011	12	12	12	3	11	3	11	3	11	3	11	3	11	3	11	53.4	35.816	0	163.19	1.417E+09	52009000	6E+08	4789700	7.6E+08	37507000	65466000	6588700	29825000		
Q14257	Q14257	Reticulocalin-2	RCK2	sp Q14257	9	9	9	0	9	8	8	0	9	8	8	0	9	8	8	37.9	36.876	0	127.81	1.417E+09	0	6.26E+08	117810000	6.73E+08	0	54820000	77664000	28554000		
O9Y520	O9Y520	Protein PRRCC	PRRC2	sp O9Y520	38	38	37	8	25	31	33	8	25	31	33	8	24	30	32	20.3	316.91	0	112.31	1.413E+09	58027000	2.43E+08	37560000	7.37E+08	54402000	41974000	241600000	30148000		
O95747	O95747	Serine/threonine-protein kinase OSR1	OSR1	sp O95747	10	10	9	1	10	0	9	1	10	0	9	1	10	0	9	1	25	58.022	0	48.264	1.413E+09	0	3.14E+08	861740	1.1E+09	0	27865000	881250	44652000	
O14929	O14929	Histone acetyltransferase type B catalytic subunit	HAT1	sp O14929	9	9	9	0	9	0	6	0	9	0	6	0	9	0	6	29.4	49.512	0	39.629	1.407E+09	0	5.53E+08	0	8.55E+08	0	53550000	0	30313000		
P10515	P10515	Dihydropyridine-residue acetyltransferase com	DLAT	sp P10515	10	10	10	1	10	1	6	1	10	1	6	1	10	1	6	21	68.996	0	43.179	1.405E+09	38652000	1.16E+09	1189200	2.08E+08	27688000	1.16E+08	1462300	3524600		
P11279	P11279	Lysosome-associated membrane glycoprotein 1	LAMP1	sp P11279	5	5	5	2	2	2	5	1	2	2	5	1	2	2	5	11.8	44.862	0	20.564	1.405E+09	930550	1.04E+08	6577000	1.29E+09	8265600	7944400	14535000	35592000		
O60313	O60313	Dynamitin-like 120 kDa protein, mitochondrial;Dyn	OPA1	sp O60313	20	20	20	1	13	11	19	2	13	11	19	2	13	11	19	25.9	111.37	0	116.96	1.399E+09	1684700	2.15E+08	2379000	1.16E+09	3244200	13783000	14317000	52914000		
P26358	P26358	DNA (cytosine-5)-methyltransferase 1	DNMT1	sp P26358	23	23	23	0	21	11	23	0	21	11	23	0	21	11	23	16.6	183.16	0	81.291	1.396E+09	0	2.91E+08	23305000	1.08E+09	0	25996000	23024000	36799000		
P31947	P31947	14-3-3 protein sigma	SFN	sp P31947	7	3	1	5	6	5	0	1	3	1	0	1	3	1	0	27.4	27.774	0	7.0699	1.395E+09	0	5.4E+08	19809000	8.35E+08	0	52210000	5159700	77760000		
P60983;O6	P60983	Glia maturation factor beta	GMFB	sp P60983	6	6	6	0	6	1	6	0	6	1	6	0	6	1	6	53.5	16.713	0	94.477	1.394E+09	0	1.9E+08	294860	1.2E+09	0	4857700	466020	61109000		
O95399	O95399	Urotensin-2	UTS2	sp O95399	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6.5	14.295	0.001131	2.4452	1.392E+09	41652000	6.06E+08	11230000	6.11E+08	41652000	53457000	75468000	25969000		
Q9UN52	Q9UN52	COP9 signalosome complex subunit 3	COP53	sp Q9UN52	10	10	10	0	10	2	9	0	10	2	9	0	10	2	9	32.2	47.73	0	46.673	1.39E+09	0	5.5E+08	3492600	8.36E+08	0	42666000	3948900	38563000		
Q13098	Q13098	COP9 signalosome complex subunit 1	GP51	sp Q13098	9	9	9	0	8	1	9	0	8	1	9	0	8	1	9	25.3	55.856	0	50.295	1.389E+09	0	4.41E+08	1703700	9.46E+08	0	40490000	1455600	36661000		
P49753;O6	P49753	Acyl-coenzyme A thioesterase 2, mitochondrial;Ac	ACOT2;ACI	sp P49753	11	11	11	0	10	0	9	0	10	0	9	0	10	0	9	36.4	53.218	0	89.295	1.388E+09	0	4.61E+08	0	9.27E+08	0	64500000	0	33318000		
O15042	O15042	U2 snRNP-associated SURP motif-containing prot	UZSURP	sp O15042	22	22	22	2	22	17	19	2	22	17	19	2	22	17	19	32	118.29	0												

P15927	P15927	Replication protein A 32 kDa subunit	RPA2	sp P15927	8	8	8	2	8	4	6	2	8	4	6	2	8	4	6	55.9	29.247	0	38.873	1.275E+09	18623000	6.13E+08	15931000	6.27E+08	20146000	52072000	13727000	23187000
Q9BVK6	Q9BVK6	Transmembrane emp24 domain-containing protein TME29	sp Q9BVK6		6	6	5	0	6	2	6	0	6	4	2	5	29.4	27.277	0	68.802	1.273E+09	0	4.46E+08	5371300	8.22E+08	0	37435000	2987900	28747000			
Q04760	Q04760	Lactoylglutathione lyase	GLO1	sp Q04760	6	6	5	0	5	0	6	0	6	0	0	6	0	4	38	20.777	0	1.12E+09	0	1.48E+08	0	5.4577000	0	9542000				
O60762	O60762	Dolichol-phosphate mannosyltransferase subunit	DPM1	sp O60762	8	8	8	0	7	7	8	0	7	7	8	8	40	29.634	0	30.132	1.27E+09	0	3.56E+08	5562000	8.58E+08	0	31524000	42493000	28914000			
Q96HY6	Q96HY6	DDRKG domain-containing protein 1	DDRGK1	sp Q96HY6	8	8	8	0	7	8	8	0	7	8	8	8	51.9	35.61	0	122.52	1.269E+09	0	4.9E+08	5012000	7.29E+08	0	4935800	41631000	25264000			
Q01844	Q01844	RNA-binding protein EWS	EWSR1	sp Q01844	7	7	7	2	7	5	6	2	7	5	6	16	68.477	0	70.334	1.267E+09	2867100	5.54E+08	36530000	6.73E+08	4935800	45679000	23491000	28815000				
Q01420	Q01420	U6 snRNA-associated Sm-like protein LSM4	LSM4	sp Q01420	4	4	4	0	4	1	3	0	4	1	3	25.9	15.35	0	12.383	1.263E+09	0	6.75E+08	2785100	8.55E+08	0	70395000	3096200	21975000				
O60610	O60610	Protein diaphanous homolog 1	DIAPH1	sp O60610	21	21	21	0	18	3	21	0	18	3	21	19.7	141.35	0	100.15	1.262E+09	0	4.01E+08	1667800	8.6E+08	0	40174000	933820	30698000				
P62308	P62308	Small nuclear ribonucleoprotein G; Putative small	RNRP;SN	sp P62308	4	4	4	1	4	3	4	1	4	3	4	67.1	8.496	0	10.533	1.257E+09	27428000	6.33E+08	2220000	5.74E+08	51111000	40254000	10109000	20297000				
P38159	P38159	RNA-binding motif protein, X chromosome; RNA-t	RNRM;RBN	sp P38159	13	13	12	4	13	13	13	4	13	13	4	12	12	34	42.331	0	41.746	1.257E+09	1.03E+08	5.55E+08	11824000	4.81E+08	60127000	66111000	98041000	26949000		
P61764	P61764	Syntaxin-binding protein 1	STXB1	sp P61764	12	12	12	0	8	1	12	0	8	1	12	31	67.568	0	60.235	1.255E+09	0	83491000	39700000	1.14E+09	0	13419000	21854000	42826000				
Q9Y5K5	Q9Y5K5	Ubiquitin carboxyl-terminal hydrolase isozyme L5	UCHL5	sp Q9Y5K5	14	14	14	0	14	1	10	0	14	1	10	62.9	37.606	0	95.98	1.255E+09	0	8.51E+08	753310	4.04E+08	0	85296000	84400	5124800				
P17858	P17858	ATP-dependent 6-phosphofructokinase, liver typ	PFKL	sp P17858	20	15	15	6	16	10	17	3	11	5	13	31.2	85.018	0	62.321	1.244E+09	2345300	3.11E+08	1362800	9.17E+08	1813600	3253800	8864800	3169800				
Q13617	Q13617	Cullin-2	CUL2	sp Q13617	16	16	16	0	11	16	0	11	16	0	11	16	24.2	86.982	0	49.752	1.243E+09	0	2.4E+08	263430	1E+09	0	7642000	799310	54124000			
Q9Y2A7	Q9Y2A7	Nck-associated protein 1	NCKAP1	sp Q9Y2A7	21	21	21	0	13	4	20	0	13	4	20	24.1	128.79	0	134.29	1.242E+09	0	1.5E+08	4888500	1.09E+09	0	16533000	5261300	3943000				
P36507	P36507	Dual specificity mitogen-activated protein kinase	1 MAP2K1	sp P36507	13	13	9	0	11	3	13	0	13	0	9	50.5	44.424	0	107.2	1.24E+09	0	2.32E+08	1549800	1.01E+09	0	18553000	135200	41143000				
Q9BQA1	Q9BQA1	Methyleno protein S0	WDR77	sp Q9BQA1	8	8	8	0	8	4	5	0	8	4	5	43.9	36.724	0	30.565	1.239E+09	0	6.78E+08	12176000	5.49E+08	0	52089000	9970100	28485000				
Q9Y237	Q9Y237	Peptidyl-prolyl cis-trans isomerase NIMA-interact	PIN4	sp Q9Y237	5	5	5	0	5	0	5	0	5	0	5	0	5	55.7	13.81	0	16.415	1.235E+09	0	8.37E+08	0	3.98E+08	0	68472000	0	21697000		
Q15155	Q15155	Nodal modulator 1	NOMO1	sp Q15155	20	20	1	0	17	1	18	0	17	1	18	0	1	24	134.32	0	60.715	1.235E+09	0	3.93E+08	505760	8.42E+08	0	36017000	448470	43180000		
O15143	O15143	Actin-related protein 2/3 complex subunit 1B	ANPC1B	sp O15143	9	9	9	0	6	3	9	0	6	3	9	32.8	40.949	0	26.545	1.234E+09	0	8.4168000	4363000	1.15E+09	0	7809900	4068100	42180000				
P04439	P04439	HLA class I histocompatibility antigen, A-3 alpha	HLA-A	sp P04439	4	4	3	1	2	1	4	1	2	1	4	1	1	0	3	15.1	40.82	0	44.066	1.234E+09	81694000	44911000	6149500	1.1E+09	84257000	2912600	9493300	38349000
P49792	P49792	E3 SUMO-protein ligase RanBP2	RANBP2	sp P49792	28	28	5	18	15	25	5	18	15	25	5	18	15	25	15	38.824	0	78.399	1.231E+09	11416000	2E+08	42074000	9.78E+08	10513000	15345000	44668000	26987000	
O76021	O76021	Ribosomal L1 domain-containing protein 1	RLSD1	sp O76021	14	14	2	3	11	14	2	3	11	14	2	3	11	14	35.1	54.972	0	50.852	1.229E+09	2069800	51642000	13182000	1.04E+09	384540	4320200	11010000	22278000	
Q8Y167	Q8Y167	Ribonucleoprotein PTB-binding 1	RABT1	sp Q8Y167	7	7	7	0	6	1	5	0	6	1	5	0	6	1	5	22.1	63.876	0	10.95	1.227E+09	0	7.17E+08	0	63577000	0	20605000		
Q9S256	Q9S256	Endoplasmic reticulum resident protein 44	ERP44	sp Q9S256	12	12	12	1	12	1	7	1	12	1	7	44.6	46.971	0	78.229	1.227E+09	216560	7.86E+08	492140	4.4E+08	936120	41476000	404800	25269000				
P61106	P61106	Ras-related protein Rab-14	RAB14	sp P61106	9	9	9	0	8	3	9	0	8	3	9	49.8	23.897	0	35.824	1.226E+09	0	3.41E+08	644000	8.79E+08	0	26516000	4844800	39164000				
P62306	P62306	Small nuclear ribonucleoprotein F	SNRPF	sp P62306	3	3	3	1	3	1	3	1	3	1	3	39.5	9.751	0	12.228	1.225E+09	8162700	5.14E+08	1515700	7.02E+08	45339000	8685300	3149000	3185500				
P10155	P10155	60 kDa SS-A/Ro ribonucleoprotein	TROVE2	sp P10155	11	11	1	10	2	9	1	10	2	9	1	10	2	9	29.7	60.627	0	68.269	1.224E+09	14078000	3.21E+08	6829700	8.32E+08	11371000	31466000	3570300	34372000	
Q15717	Q15717	ELAV-like protein 1	ELAVL1	sp Q15717	13	13	13	11	12	11	3	11	12	11	3	11	12	11	49.4	36.091	0	76.726	1.224E+09	73411000	4.1E+08	12158000	6.02E+08	1.05E+08	2824000	6622000	19671000	
Q8N1F7	Q8N1F7	Nuclear pore complex protein Nup93	NUP93	sp Q8N1F7	23	23	23	2	22	13	20	2	22	13	20	28.1	93.487	0	62.22	1.222E+09	2628600	2.39E+08	35334000	9.45E+08	2695100	1902800	31582000	33007000				
Q6PIU2	Q6PIU2	Neutral cholesterol ester hydrolase 1	NCEH1	sp Q6PIU2	11	11	11	0	11	0	11	0	11	0	11	35.3	45.807	0	38.238	1.222E+09	0	0	0	0	0	1.22E+09	0	0	0	50248000		
P00568	P00568	Adenylyl kinase isoenzyme 1	AK1	sp P00568	8	8	8	0	8	0	8	0	8	0	8	44.8	21.635	0	38.518	1.222E+09	0	2.37E+08	0	2.85E+08	0	20532000	0	40836000				
P48739	P48739	Phosphatidylinositol transfer protein beta isoform	PITPNB	sp P48739	13	13	10	1	12	0	10	1	12	0	10	1	12	50.2	31.54	0	36.877	1.217E+09	4.68E+08	952580	7.48E+08	0	52370000	67820	26730000			
P09012	P09012	U1 small nuclear ribonucleoprotein A	SNRPA	sp P09012	11	11	1	9	7	8	1	9	7	8	1	9	42.9	31.279	0	55.05	1.216E+09	9793900	5.61E+08	2533000	6.2E+08	9502300	51133000	10314000	24257000			
O95816	O95816	BAG family molecular chaperone regulator 2	BAG2	sp O95816	6	6	6	3	6	6	5	3	6	6	5	3	27.2	31.279	0	79.048	1.215E+09	67140000	8.2E+08	3559000	8.3E+08	60451000	30766000	35922000	22910000			
P11387	P11387	DNA topoisomerase 1	TOP1	sp P11387	18	18	1	15	16	14	1	15	16	14	1	15	16	14	24.3	90.725	0	37.556	1.214E+09	616710	2.95E+08	15216000	7.66E+08	6264500	1887900	79102000	56173000	
O00469	O00469	Procollagen-lysine, 2-oxoglutarate 5-dioxygenase	: PLOD2	sp O00469	15	15	15	0	13	6	15	0	13	6	15	0	13	6	15	27.4	84.865	0	105.89	1.211E+09	0	34644000	1305000	1.16E+09	0	3611600	2157300	53623000
Q9BY44	Q9BY44	Eukaryotic translation initiation factor 2A;Eukary	EIF2A	sp Q9BY44	21	21	21	5	16	5	20	5	16	5	20	5	16	5	20	52.6	64.989	0	83.747	1.209E+09	8917200	3.11E+08	5878300	8.83E+08	14600000	18781000	1003000	31714000
Q96R99	Q96R99	Elongation factor G, mitochondrial	GFM1	sp Q96R99	17	17	17	1	16	0	17	1	16	0	17	3	17	3	17	71.078	1.206E+09	3247500	2.9E+08	0	9.12E+08	5756400	17919000	0	42684000			
Q13428	Q13428	Treacle protein	TCOF1	sp Q13428	27	27	27	3	25	21	22	3	25	21	22	21	22	21	22	21.6	152.1	0	78.847	1.206E+09	8199200	6.71E+08	73192000	4.54E+08	5202200	48468000	56324000	24988000
O60493	O60493	Sorting nexin-3	SNX3	sp O60493	11	11	9	2	10	9	2	10	9	2	10	9	2	10	9	69.8	18.762	0	42.309	1.203E+09	2.56E+08	730690	9.46E+08	0	23128000	571120	38257000	
Q00688	Q00688	Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	sp Q00688	8	8	8	1	6	2	8	1	6	2	8	8	33	25.177	0	21.333	1.19E+09	2300900	4.13E+08	1833400	7.84E+08	4989900	36683000	271500	28177000			
Q96K69	Q96K69	N-terminal kinase-like protein	SCYL1	sp Q96K69	19	19	19	5	10	17	15	5	10	17	15	5	10	17	15	38.5	89.63	0	140.7	1.190E+09	2.24E+08	99574000	28652000	6.91E+08	2.41E+08	10303000	17713000	20464000
P60953	P60953	Cell division control protein 42 homolog	CDK42	sp P60953	5	5	5	1	3	2	5	1	3	2	5	31.4	21.258	0	18.644	1.186E+09	1448600	2.32E+08	4698100	3.58E+08	2032300	137						

Q9Y3B4	Q9Y3B4	Splicing factor 3B subunit 6	SF3B6	sp Q9Y3B4	3	3	3	0	3	2	2	0	3	2	2	0	3	2	2	26.4	14.585	0	9.757	1.1E+09	0	5.92E+08	41347000	4.67E+08	0	51479000	29232000	18473000	
P20020_Q1	P20020	Plasma membrane calcium-transporting ATPase 1	ATP2B1	sp P20020	15	15	7	0	12	2	14	0	12	2	14	0	12	2	14	0	18.4	13.468	0	81.296	1.1E+09	0	1.89E+08	1275500	9.09E+08	0	13711000	1437900	39771000
Q96PE2	Q96PE2	Rho guanine nucleotide exchange factor 17	ARHGEF17	sp Q96PE2	2	2	1	0	2	0	2	0	2	0	2	0	2	0	2	0	1.3	2.217	0.002869	1.1E+08	0	989910000	0	1.19E+08	0	65584000	0	0	
Q9H7Z7	Q9H7Z7	Prostaglandin E synthase 2;Prostaglandin E synth	PTGES2	sp Q9H7Z7	11	11	11	0	11	0	10	0	11	0	10	0	11	0	10	44	41.943	0	91.855	1.098E+09	0	6.36E+08	0	7.35E+08	0	33906000	0	28321000	
Q6WCQ1	Q6WCQ1	Myosin phosphatase Rho-interacting protein	MRPI9	sp Q6WCQ1	21	21	21	0	9	21	17	1	9	21	17	1	9	21	17	28.3	116.53	0	93.62	1.097E+09	12598000	64633000	238830000	5.06E+08	29477000	8737200	8434100	175490000	18243000
P35249	P35249	Replication factor C subunit 4	RFC4	sp P35249	9	9	9	0	1	9	7	1	9	7	9	1	9	7	9	35.5	39.681	0	88.55	1.094E+09	359590	3.34E+08	42809000	1.77E+08	791320	3863000	13995000	3463000	
O15511	O15511	Actin-related protein 2/3 complex subunit 5	ARPC5	sp O15511	9	9	6	0	7	7	7	0	7	7	7	0	7	7	6	64.9	16.32	0	23.579	1.093E+09	0	2.09E+08	4371000	8.8E+08	0	11410000	2562000	36236000	
Q9UBF2	Q9UBF2	Coatomer subunit gamma-2	COG2	sp Q9UBF2	17	16	16	1	14	6	16	1	13	5	15	1	13	5	15	27.1	97.621	0	76.345	1.093E+09	884700	2.89E+08	8281100	7.95E+08	843610	29962000	2119100	31696000	
P09661	P09661	U2 small nuclear ribonucleoprotein A	SNRPA1	sp P09661	10	10	10	4	10	5	8	0	10	5	8	4	10	5	8	44.3	28.415	0	53.215	1.092E+09	31927000	5.24E+08	28970000	5.06E+08	29477000	55481000	21588000	17615000	
Q13045	Q13045	Protein flightless-1 homolog	FLI1	sp Q13045	15	15	0	0	7	13	13	0	0	7	13	13	0	0	7	19	144.75	0	120.95	1.09E+09	0	2.28E+08	64131000	7.99E+08	0	17494000	43162000	35474000	
Q14558	Q14558	Phosphoribosyl pyrophosphate synthase-associated	PRPSAP1	sp Q14558	10	10	9	0	8	3	9	0	8	3	9	0	8	3	9	40.2	39.393	0	66.684	1.089E+09	0	4.55E+08	5701200	6.25E+08	0	27698000	17860000	20076000	
Q9Y280	Q9Y280	Protein canyog homolog 2	CNPY2	sp Q9Y280	5	5	5	1	5	1	5	1	5	1	5	1	5	1	5	37.9	20.652	0	19.999	1.089E+09	1740900	3.75E+08	999660	7.11E+08	2662900	31646000	2011700	21720000	
Q8TEQ6	Q8TEQ6	Gem-associated protein 5	GEM15	sp Q8TEQ6	20	20	20	0	18	9	19	0	18	9	19	0	18	9	19	18.5	168.59	0	68.705	1.089E+09	0	8.32E+08	3761000	7.29E+08	0	28002000	27653000	27981000	
Q5SW79_C	Q5SW79	Centrosomal protein of 170 kDa	CEP170	sp Q5SW79	24	24	24	5	19	19	22	5	19	19	22	5	19	19	22	26.5	175.29	0	81.826	1.088E+09	10599000	2.48E+08	87625000	7.42E+08	8749000	10095000	80676000	22461000	
Q9BWM7	Q9BWM7	Sideroflexin-3	SFXN3	sp Q9BWM7	10	10	10	1	3	6	9	1	3	6	9	1	3	6	9	38	35.503	0	34.789	1.088E+09	232620	1.34E+08	49173000	9.04E+08	1437000	8339900	16938000	55553000	
Q92538	Q92538	Golgi-specific brefeldin A-resistance guanine nucle	GBF1	sp Q92538	12	12	12	0	12	6	21	0	12	6	21	0	12	6	21	18.5	206.44	0	107.6	1.087E+09	0	1.29E+08	13716000	9.44E+08	0	17030000	7184900	35195000	
Q8TC12_Q	Q8TC12	Retinol dehydrogenase 11	RDH11	sp Q8TC12	8	8	8	1	5	2	8	1	5	2	8	1	5	2	8	28.9	35.866	0	33.73	1.085E+09	956780	1.54E+08	2004300	9.28E+08	1092400	11791000	20857000	39076000	
Q14011	Q14011	Cold-inducible RNA-binding protein	CIRBP	sp Q14011	5	5	5	0	5	5	5	0	5	5	5	0	5	5	5	38.4	18.648	0	76.762	1.075E+09	0	7.44E+08	2366000	3.07E+08	0	47003000	27520000	19401000	
P21291	P21291	Cysteine and glycine-rich protein 1	CSRP1	sp P21291	6	6	6	1	0	3	6	1	0	3	6	1	0	3	6	50.8	20.567	0	59.474	1.071E+09	8557900	0	14166000	1.05E+09	7874800	0	10536000	42780000	
Q8TBC4	Q8TBC4	NEDD8-activating enzyme E1 catalytic subunit	UBA3	sp Q8TBC4	7	7	7	0	7	0	7	0	7	0	7	0	7	0	7	26.3	51.852	0	67.052	1.071E+09	0	5.2E+08	0	5.5E+08	0	43968000	0	24523000	
Q13547	Q13547	Histone deacetylase 1	HDAC1	sp Q13547	9	9	9	5	1	8	3	7	1	8	3	7	1	8	3	7	0	0	0	48.407	1.069E+09	364980	3.38E+08	13191000	5.18E+08	975700	60524000	6768900	9658100
Q8QWV7	Q8QWV7	Ataxin-2-like protein	ATXN2L	sp Q8QWV7	19	19	19	3	15	13	18	3	15	13	18	3	15	13	18	27.5	113.02	0	67.327	1.068E+09	5817500	2.56E+08	3658000	7.7E+08	5529000	20793000	11033000	37389000	
P14980	P14980	Nuclear mitotic apparatus protein 1	NUMA1	sp P14980	26	26	26	2	15	16	26	1	15	16	26	1	15	16	26	19.1	238.26	0	116.55	1.067E+09	1567700	3.16E+08	4191000	9.09E+08	3728800	1336000	25933000	33394000	
P29966	P29966	Myristylated alanine-rich C-kinase substrate	MARCKS	sp P29966	9	9	9	1	8	5	9	1	8	5	9	1	8	5	9	44	31.554	0	40.341	1.064E+09	1385400	3.49E+08	12299000	7.01E+08	1276400	29862000	7553300	26359000	
P52888	P52888	Thimet oligopeptidase	THOP1	sp P52888	14	14	14	0	12	0	14	0	12	0	14	0	12	0	14	21.8	78.839	0	58.531	1.059E+09	0	2.86E+08	0	7.73E+08	0	2687000	0	30578000	
Q9Y3U8	Q9Y3U8	60S ribosomal protein L36	RPL36	sp Q9Y3U8	6	6	6	0	5	5	5	0	5	5	5	0	5	5	5	37.1	12.254	0	12.723	1.058E+09	0	3.06E+08	19352000	5.57E+08	0	29852000	12092000	2633000	
Q92734	Q92734	Protein TFG	TFG	sp Q92734	8	8	8	1	8	1	8	1	8	1	8	1	8	1	8	28.5	43.447	0	85.079	1.056E+09	32328000	4.09E+08	2812700	6.11E+08	20143000	30456000	3034400	32786000	
Q9Y4W6	Q9Y4W6	AFG3-like protein 2	AFG3L2	sp Q9Y4W6	20	20	19	1	20	7	17	1	20	7	17	1	19	6	16	30.4	88.583	0	98.991	1.053E+09	618670	5.73E+08	1636400	4.63E+08	993310	51999000	8399000	19782000	
Q9HC16	Q9HC16	Synaptic vesicle membrane protein VAT-1 homolog	VAT1L	sp Q9HC16	11	11	11	0	11	0	11	0	11	0	11	0	11	0	11	34.8	45.899	0	77.451	1.053E+09	0	0	1237500	1.05E+09	0	0	884130	43191000	
P14174	P14174	Macrophage migration inhibitory factor	MIF	sp P14174	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	27.8	12.476	0	18.43	1.05E+09	0	7.88E+08	0	6.2E+08	0	70568000	0	8292000	
P47813_Q1	P47813	Eukaryotic translation initiation factor 1A, X-chrom	EIF1AX;EIF	sp P47813	5	5	5	0	2	2	5	0	2	2	5	0	2	2	5	36.1	16.46	0	24.058	1.048E+09	0	4.88E+08	2461000	5.35E+08	0	43077000	23458000	15039000	
P15153	P15153	Ras-related G3 botulinum toxin substrate 2	RAC2	sp P15153	6	6	6	2	2	0	4	5	6	0	2	0	2	0	2	32.3	21.429	0	8.783	1.047E+09	0	0	6253300	1.04E+09	0	0	49792000	4021000	
Q96T76	Q96T76	MMS19 nucleotide excision repair protein homol	MMS19	sp Q96T76	15	15	15	0	14	6	12	0	14	6	12	0	14	6	12	20.3	113.29	0	63.724	1.046E+09	0	3.63E+08	1571000	6.67E+08	0	29913000	15742000	24243000	
O14786	O14786	Neuropilin-1	NRP1	sp O14786	4	4	4	1	3	16	1	3	16	1	3	16	1	3	16	28.2	103.13	0	71.516	1.045E+09	312560	1820000	8177600	1.04E+09	199710	143080	932700	47261000	
P35610	P35610	Sterol O-acyltransferase 1	SOAT1	sp P35610	16	16	16	0	3	2	4	0	3	2	4	0	3	2	4	9.8	64.734	0	94.66	1.045E+09	0	78777000	1.174000	9.44E+08	0	668800	19836000	33857000	
P20337	P20337	Ras-related protein Rab-3B	RAB38	sp P20337	4	4	4	0	1	3	5	0	1	3	4	0	1	3	4	40.6	24.758	0	58.488	1.043E+09	0	14397000	10957000	1.02E+09	0	1583600	4882000	43445000	
P49821	P49821	NADH dehydrogenase [ubiquinone] flavoprotein 1	NDUFV1	sp P49821	9	9	9	0	8	3	8	0	8	3	8	0	8	3	8	26.1	50.817	0	33.163	1.04E+09	0	3.16E+08	10713000	7.14E+08	0	27689000	6593400	30920000	
Q80574	Q80574	Cytochrome c1, heme protein, mitochondrial	CYC1	sp Q80574	6	6	6	4	6	0	6	4	6	0	6	4	6	0	6	28	35.422	0	32.415	1.038E+09	0	3.54E+08	23367000	6.6E+08	0	29345000	16127000	27808000	
Q9Y224	Q9Y224	UPF0568 protein C14orf166	C14orf166	sp Q9Y224	8	8	8	0	6	6	7	0	6	6	7	0	6	6	7	43.9	28.068	0	30.455	1.036E+09	2.05E+08	2.06E+08	87891000	5.37E+08	2.28E+08	14613000	46521000	13651000	
Q6UB35	Q6UB35	Monofunctional C1-tetrahydrofolate synthase, mi	MTHFD1L	sp Q6UB35	14	14	14	0	13	2	12	0	13	2	12	0	13	2	12	18.1	105.79	0	52.721	1.035E+09	0	4.88E+08	2329100	5.44E+08	0	41688000	1486200	23799000	
Q9Y4K1	Q9Y4K1	Absent in melanoma 1 protein	AIM1	sp Q9Y4K1	25	25	25	1	12	25	0	1	12	25	0	1	12	25	23.4	188.67	0	41.79300	1.033E+09	0	4.179300	4451000	9.84E+08	0	1295200	14751000	54730000		
P36543_Q	P36543	V-type proton ATPase subunit E 1	ATP6V1E1	sp P36543	10	10	10	1	7	1	7	1	7	1	7	1																	

Q05519	Q05519	Serine/arginine-rich splicing factor 11	SRSF11	sp Q05511	7	7	7	2	6	3	5	2	6	3	5	24.4	53.542	0	19.201	971000000	25664000	5.8E+08	24306000	3.41E+08	60482000	27810000	10246000	8608000					
Q9UNF1;Q	Q9UNF1	Melanoma-associated antigen D2	MAGED2	sp Q9UNF	14	14	13	0	12	7	14	0	12	7	14	0	11	6	13	37.3	64.953	0	88.289	970340000	0.166E+08	17252000	7.87E+08	0	16121000	19239000	23251000		
Q7L5N1	Q7L5N1	COP9 signalosome complex subunit 6	COP56	sp Q7L5N1	9	9	9	0	7	1	9	0	7	1	9	0	7	1	9	31.5	36.653	0	44.043	970130000	0.242E+08	407050	7.28E+08	0	39194000	1357000	10966000		
O00203;O	O00203	AP-3 complex subunit beta-1	APB31	sp O00203	18	18	18	2	15	7	14	2	15	7	14	2	15	7	14	17.9	121.32	0	75.201	969820000	1.761000	2.53E+08	28599000	6.87E+08	2625100	38301000	11891000	18683000	
P43034	P43034	Platelet-activating factor acetylhydrolase IB subunit A	PAFAH1B1	sp P43034	11	11	11	0	11	4	11	0	11	4	11	0	11	4	11	28.8	46.637	0	41.265	968990000	0.25E+08	5703900	1.13E+08	0	13412000	7204300	26667000		
P54687	P54687	Branched-chain-amino-acid aminotransferase, cy	BCAT1	sp P54687	8	8	8	0	6	0	7	0	6	0	7	0	6	0	7	23.3	42.966	0	79.803	967410000	0.209E+08	0	7.58E+08	0	19375000	0	30246000		
Q96HC4	Q96HC4	PDZ and LIM domain protein 5	PDLIM5	sp Q96HC4	14	14	14	0	6	0	7	0	6	0	7	0	6	0	7	23.3	63.944	0	60.733	965670000	0.51008000	14640000	9E+08	0	8764300	10614000	31979000		
P25685	P25685	Dnal homolog subfamily B member 1	DNAH1	sp P25685	11	11	11	0	11	4	11	0	11	4	11	0	11	4	11	42.1	38.044	0	36.833	963510000	0.254E+08	4897400	7.04E+08	0	22218000	7406300	25046000		
P43897	P43897	Elongation factor T5, mitochondrial	TSFM	sp P43897	6	6	6	0	5	0	6	0	5	0	6	0	5	0	6	29.8	35.39	0	80.717	963280000	0.444E+08	0	5.19E+08	0	99861000	0	20627000		
Q96K17	Q96K17	Transcription factor BTF3L1 homolog 4	BTF3L4	sp Q96K17	8	7	7	0	8	1	6	0	7	1	5	0	7	1	5	60.1	17.27	0	63.392	961250000	0.527E+08	20477000	6.14E+08	0	38450000	15283000	23476000		
Q95163	Q95163	Elongator complex protein 1	HKRKP1	sp Q95163	19	19	19	1	19	2	15	1	19	2	15	1	19	2	15	22.4	150.25	0	75.71	960260000	1.853000	5.18E+08	6937000	4.33E+08	2240100	47683000	30699000	17010000	
Q14696	Q14696	LDLR chaperone MSD	MSSDC2	sp Q14696	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	39.3	26.076	0	55.538	959920000	0.296E+08	0	6.64E+08	0	25951000	0	25752000		
Q99459	Q99459	Cell division cycle 5-like protein	CDCSL	sp Q99459	18	18	18	1	16	17	12	1	16	17	12	1	16	17	12	1	16	17	64.841	959710000	832180	3.74E+08	90035000	4.95E+08	3276600	20733000	79478000	11146000	
Q982X2	Q982X2	Uridine-cytidine kinase 2	UCK2	sp Q982X2	9	9	9	0	8	4	8	0	8	4	8	0	7	3	7	60.9	29.299	0	38.698	955610000	0.361E+08	18925000	5.76E+08	0	25871000	17581000	24739000		
Q99961;Q	Q99961	Endophilin-A2	SH3GL1	sp Q99961	9	9	9	2	9	0	8	2	9	0	8	2	9	0	8	36.4	41.489	0	43.091	955200000	663580	4.56E+08	0	4.98E+08	1805400	46945000	0	8110100	
Q9H444	Q9H444	Aminopeptidase B	RNPEP	sp Q9H444	15	15	15	1	15	1	11	1	15	1	11	1	15	1	11	15	28.5	72.595	0	70.921	946840000	1431900	5.72E+08	1274600	6.73E+08	1438000	61563000	1112200	38006000
Q9UB84	Q9UB84	Ataxin-10	ATXN10	sp Q9UB84	11	11	11	0	11	1	10	0	11	1	10	0	11	1	10	28.8	53.488	0	50.011	946180000	0.32E+08	1222600	6.25E+08	0	27203000	51320	24506000		
Q9NP72	Q9NP72	Ras-related protein Rab-18	RAB18	sp Q9NP72	8	8	8	1	8	4	8	1	8	4	8	1	8	4	8	47.6	22.977	0	33.273	945160000	291830	1.97E+08	9314300	7.39E+08	1822700	27017000	9687300	19784000	
Q8NE71	Q8NE71	ATP-binding cassette sub-family F member 1	ABCF1	sp Q8NE71	16	16	16	3	15	10	15	3	15	10	15	3	15	10	15	26.4	95.925	0	62.487	942500000	16698000	4.79E+08	23912000	4.23E+08	22360000	37609000	19219000	11777000	
Q7L5D6	Q7L5D6	Golgi to ER traffic protein 4 homolog	GET4	sp Q7L5D6	10	10	10	6	10	6	5	7	10	6	5	7	10	6	5	7	29.1	36.504	0	36.362	941620000	46426000	1.34E+08	497560000	2.64E+08	76708000	10454000	302400000	10478000
P51153	P51153	Ras-related protein Rab-13	RAB13	sp P51153	7	7	7	0	3	5	9	0	1	3	7	0	6	4	8	48.8	22.774	0	44.445	938640000	0.20215000	28448000	8.9E+08	0	2742400	7628800	41728000		
Q15006	Q15006	ER membrane protein complex subunit 2	EMC2	sp Q15006	9	9	9	1	8	3	8	1	8	3	8	1	8	3	8	47.1	34.833	0	121.513	936910000	16436000	2.2E+08	1517300	6.97E+08	0	28614000	2412400	19396000	
P26885	P26885	Peptidyl-prolyl cis-trans isomerase FKBP2	FKBP2	sp P26885	6	6	6	1	6	1	6	1	6	1	6	1	6	1	6	57.7	15.649	0	36.758	936440000	1097700	3.74E+08	2149400	5.59E+08	888970	28984000	1067400	27577000	
P12183	P12183	V-type proton ATPase subunit C1	ATP6V1C1	sp P12183	14	14	14	0	12	12	0	12	12	0	12	12	0	12	12	49.9	43.941	0	48.852	935790000	0.196E+08	2639300	3.7E+08	0	10260000	3000100	35839000		
Q9Y678	Q9Y678	SEC23-interacting protein	SEC23IP	sp Q9Y678	14	14	14	1	12	0	12	1	12	0	12	1	12	0	12	17.9	111.08	0	39.249	933440000	332850	3.31E+08	0	6.02E+08	1132200	44601000	0	8552200	
Q75844	Q75844	CAAX prenyl protease 1 homolog	ZMPSTE24	sp Q75844	11	11	11	0	8	0	11	0	8	0	11	0	8	0	11	32.4	54.812	0	64.202	933020000	0.24E+08	0	6.09E+08	0	30259000	0	23343000		
Q8W1E2	Q8W1E2	Protein NXP20	FAM114A1	sp Q8W1E2	8	8	8	0	1	8	0	1	8	0	1	8	0	1	8	22.7	60.741	0	71.866	930990000	0	0	711030	9.3E+08	0	477810	38258000		
Q14978	Q14978	Nucleolar and coiled-body phosphoprotein 1	NOL1	sp Q14978	16	16	16	4	14	14	12	4	14	14	12	4	14	14	12	24.3	73.602	0	47.983	922850000	37508000	4.58E+08	86735000	5.01E+08	45703000	40725000	48176000	14717000	
Q9H4K6	Q9H4K6	BoLA-like protein 2	BOILA2	sp Q9H4K6	4	4	4	2	4	2	4	2	4	2	4	2	4	2	4	50	11.16	0	33.287	922480000	24825000	4.18E+08	10317000	3.4E+08	39485000	10264000	71924000		
Q116629	Q116629	Serine/arginine-rich splicing factor 7	SRSF7	sp Q116629	5	4	4	1	3	4	5	1	2	3	4	1	2	3	4	22.3	27.366	0	14.827	921840000	3359700	3.31E+08	81821000	5.05E+08	138640000	25959000	44028000	24487000	
P08397	P08397	Porphobilinogen deaminase	HMB5	sp P08397	8	8	8	0	8	0	8	0	8	0	8	0	8	0	8	0	7	27.7	39.33	0	46.556	920680000	0.409E+08	0	4.11E+08	0	39839000	0	16760000
P05386	P05386	60S acidic ribosomal protein P1	RPLP1	sp P05386	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	14	11.514	0	5.6563	920250000	0.427E+08	57283000	4.35E+08	0	37212000	39467000	17407000		
Q9NS69	Q9NS69	Mitochondrial import receptor subunit TOM22 h	TOM22	sp Q9NS69	6	6	6	1	4	2	6	1	4	2	6	1	4	2	6	66.2	15.221	0	51.599	919630000	2959800	2.08E+08	7761000	7.01E+08	3880700	21292000	9323700	25597000	
Q9H444;Q	Q9H444	Charged multivesicular body protein 4b	CHMP4B	sp Q9H444	6	6	6	1	5	4	6	1	5	4	6	1	5	4	6	29	24.95	0	23.223	918940000	366380	2.22E+08	14685000	6.82E+08	1557200	30358000	8112500	13353000	
Q9P2R3	Q9P2R3	Rabankyrin-5	ANKYR1	sp Q9P2R3	16	16	16	0	12	1	16	0	12	1	16	0	12	1	16	21.2	128.4	0	15.54E+08	918880000	0.154E+08	1514500	7.63E+08	0	7465200	2093900	36439000		
Q9NT26	Q9NT26	RNA-binding protein 12	RBM12	sp Q9NT26	14	14	14	0	14	1	14	0	14	1	14	0	14	1	14	17.7	97.394	0	33.9	917440000	0.345E+08	2176200	5.7E+08	0	20735000	5336000	28648000		
Q95232	Q95232	Luc7-like protein 3	LUC7L3	sp Q95232	8	8	8	2	8	4	6	2	8	4	6	2	8	4	6	24.3	51.466	0	44.128	914350000	13287000	3.05E+08	20460000	5.75E+08	28312000	20030000	19238000	9028000	
Q9UNZ2	Q9UNZ2	NSFL1 cofactor p47	NSFL1C	sp Q9UNZ2	13	13	13	0	11	13	0	11	13	0	11	13	0	11	13														

P67812	P67812	Signal peptidase complex catalytic subunit SEC11A	SEC11A	pP67812	5	5	5	0	5	3	5	0	5	3	5	0	5	3	5	20.7	20.625	0	26.495	834860000	0	2.09E+08	4936300	6.21E+08	0	18028000	4476700	24751000			
P50402	P50402	Emerin	EMD	pP50402	11	11	11	3	11	11	9	3	11	11	9	3	11	11	9	63.8	28.994	0	72.941	833910000	9612100	4.84E+08	78376000	2.62E+08	12774000	2997300	64203000	8775000			
O95573	O95573	Long-chain-fatty-acyl-CoA ligase 3	ACSL3	pP095573	14	13	13	1	4	7	14	1	6	13	1	6	13	1	31.5	80.419	0	67.204	832180000	2395600	36471000	1.968000	7.74E+08	2674200	4079600	16000000	33097000				
P31350	P31350	Ribonucleoside-diphosphate reductase subunit MR2	MR2	pP31350	6	6	5	0	6	0	6	0	6	0	6	0	6	0	5	24.7	44.877	0	31.283	829910000	0	1.18E+08	0	7.12E+08	0	12043000	0	27654000			
P46087	P46087	Probable 28S rRNA (cytosine(4447)-C(5))-methylase	NOP2	pP46087	20	20	20	1	14	18	17	1	14	18	17	1	14	18	17	33.5	89.301	0	52.095	829490000	5044000	1.37E+08	208120000	4.8E+08	6845000	13020000	133120000	23687000			
O00442	O00442	RNA 3-terminal phosphate cyclase	RTCA	pP000442	8	8	8	0	6	1	8	0	6	1	8	0	6	1	8	30.6	39.336	0	42.24	829450000	0	1.39E+08	1499900	6.89E+08	0	24611000	4139600	13311000			
O75348;O75348;O75348	O75348;O75348;O75348	V-type proton ATPase subunit G 1;V-type proton ATPase subunit G 1	ATP6V1G1	pP075348	4	4	4	0	3	1	3	0	3	1	3	0	3	1	3	30.5	13.757	0	68.781	828740000	0	2.39E+08	1287400	8.9E+08	0	24916000	5581900	15614000			
O00194	O00194	Ras-related protein Rab-27B	RAB27B	pP000194	6	6	4	0	0	1	6	0	0	1	6	0	0	1	6	30.3	24.608	0	23.519	828430000	0	3.2E+08	0	1342900	8.27E+08	0	902420	34014000			
O93H97	O93H97	Golgi-resident protein GCP20	ACB03	pP093H97	10	10	10	0	10	0	9	0	10	0	9	0	10	0	9	32	60.593	0	100.18	828020000	0	3.2E+08	0	5.08E+08	0	24282000	0	21243000			
O92783	O92783	Signal transducing adaptor molecule 1	STAM	pP092783	9	9	8	1	8	1	9	1	8	1	9	1	8	1	9	27.4	59.119	0	63.967	825190000	4949300	1.73E+08	735740	6.52E+08	632270	3785100	632290	38013000			
O75947	O75947	ATP synthase subunit 6, mitochondrial	ATP5F	pP075947	8	8	8	2	8	2	8	2	8	2	8	2	8	2	8	64	18.491	0	26.355	824030000	1846300	11632000	4.25E+08	4098600	33520000	6013000	18284000				
O985H4	O985H4	Translational activator of cytochrome c oxidase 1	TACO1	pP0985H4	6	6	6	0	6	1	5	0	6	1	5	0	6	1	5	31.6	32.477	0	32.189	823850000	0	2.48E+08	2118300	5.74E+08	0	12462000	3098100	31345000			
O98TV4	O98TV4	Transmembrane protein 43	TMEM43	pP098TV4	10	10	10	1	4	7	9	1	4	7	9	1	4	7	9	38.8	44.875	0	62.067	823780000	1438600	65988000	28798000	7.28E+08	4016400	5831600	11156000	35525000			
P51452	P51452	Dual specificity protein phosphatase 3	DUSP3	pP51452	6	6	6	0	6	2	6	0	6	2	6	0	6	2	6	41.6	20.478	0	32.236	822690000	0	2.44E+08	1809900	5.77E+08	0	26270000	1479500	18675000			
Q12765	Q12765	Secernin-1	SCRN1	pP12765	8	8	8	0	8	1	7	0	8	1	7	0	8	1	7	24.4	46.382	0	31.382	822210000	0	1.63E+08	403860	6.59E+08	0	6822400	735810	34190000			
O75717	O75717	WD repeat and HMGB-box DNA-binding protein 1	WHDH1	pP075717	18	18	18	1	12	2	17	1	12	2	17	1	12	2	17	24.2	125.97	0	111.93	822040000	1140900	1.39E+08	2908200	6.79E+08	1334800	8899900	1667900	31354000			
O8Y1T4	O8Y1T4	Katanin p60 ATPase-containing subunit A-like 2	KATNAL2	pP08Y1T4	1	1	1	0	1	1	1	0	1	1	1	0	1	1	2.2	61.252	0.000485	3.4349	818470000	0	2.44E+08	13990000	5.61E+08	0	21483000	9401300	23062000				
P09417	P09417	Dihydropteridine reductase	QDPR	pP09417	7	7	7	0	6	0	7	0	6	0	7	0	6	0	7	41.8	25.789	0	37.43	817150000	0	2.73E+08	0	4.45E+08	0	2487000	0	21635000			
O95394	O95394	Phosphoacetylglucosamine mutase	PGM3	pP095394	11	11	11	0	9	0	9	0	9	0	9	0	9	0	9	32.3	59.851	0	123.59	816260000	0	4.87E+08	0	3.29E+08	0	44358000	0	12119000			
O63HN8	O63HN8	E3 ubiquitin-protein ligase RNF213	RNF213	pP063HN8	20	20	20	8	8	19	0	8	8	19	0	8	8	19	6.4	59.14	0	98.862	815560000	0	4.9899000	18904000	1.47E+08	0	4833500	29274000	13705000				
O14964	O14964	Hepatocyte growth factor-regulated tyrosine kinase HGS	HGS	pP014964	12	12	12	0	3	11	0	3	11	0	3	11	0	3	11	21.5	86.191	0	54.706	815260000	0	1.5E+08	1906000	6.63E+08	0	12477000	2089800	26449000			
P53007	P53007	Tricarboxylate transport protein, mitochondrial	SLC25A1	pP53007	10	10	10	1	7	8	10	1	7	8	10	1	7	8	10	39.2	34.012	0	23.836	815120000	2064900	2.29E+08	41059000	5.43E+08	6039900	15982000	21098000	99007000			
P16401	P16401	Histone H1.5	HIST1H1B	pP16401	10	10	10	1	2	8	10	1	2	8	10	1	2	8	10	35	22.758	0	23.498	814940000	72082	4.6989000	103640000	6.64E+08	4255900	11695000	63172000	22051000			
O969H8	O969H8	Myeloid-derived growth factor	MYDGF	pP0969H8	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	27.2	18.295	0	13.138	814330000	0	2.47E+08	0	6.57E+08	0	20610000	0	24505000			
Q15388	Q15388	Mitochondrial import receptor subunit TOM20 h	TOM20	pP15388	4	4	4	1	4	3	3	1	4	3	3	1	4	3	3	32.4	16.298	0	26.072	813860000	3057300	4.52E+08	59394000	3E+08	9418200	28203000	42077000	15420000			
Q8Y1B3	Q8Y1B3	Serine/arginine repetitive matrix protein 1	SRRM1	pP08Y1B3	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	11.5	102.33	0	33.828	813750000	64157000	5.85E+08	30359000	1.34E+08	69555000	36139000	30399000	9141600			
O75477	O75477	Erin-1	ERL1	pP075477	12	10	10	1	9	7	11	0	9	7	11	0	9	7	11	38.5	39.171	0	43.779	813700000	5963800	1.03E+08	28644000	6.74E+08	8322200	11969000	19092000	22605000			
Q13217	Q13217	Dnal homolog subfamily C member 3	DNAIC3	pP13217	12	12	12	1	10	1	9	1	10	1	9	1	10	1	9	39.1	57.579	0	140.29	811060000	529870	1.31E+08	516690	4.97E+08	366650	17699000	594090	30239000			
O9NZL4	O9NZL4	Hsp70-binding protein 1	HSPBP1	pP09NZL4	9	9	9	0	6	0	9	0	6	0	9	0	6	0	9	39.3	39.302	0	42.714	810110000	0	0	1.21E+08	0	6.9E+08	0	5106000	0	23967000		
P61619	P61619	Protein transport protein SecE1 subunit alpha iso	SEC61A1	pP61619	7	7	7	4	2	7	5	7	2	7	5	7	2	7	5	7	2	4	17.9	52.764	0	26.854	809340000	2757100	1.53E+08	20769000	6.32E+08	6228200	1323300	14138000	22487000
O8WXF1	O8WXF1	Paraspeckle component 1	PSPC1	pP08WXF1	13	12	12	2	13	7	12	2	13	7	12	2	13	7	12	30.6	58.243	0	57.052	806580000	4310900	5.43E+08	2873600	2.31E+08	6451000	46643000	1771000	1014000			
Q7U136;Q7U136;P6	Q7U136;Q7U136;P6	Tubulin alpha-1A chain;Tubulin alpha-3E chain	TUBA1A;TUBA1E	pP07U136	27	2	1	20	27	22	27	2	1	20	27	2	1	20	1	69.6	50.135	0	73.523	806080000	0	2.52E+08	11251000	5.43E+08	0	20617000	11107000	20383000			
Q9UM00	Q9UM00	Transmembrane and coiled-coil domain-containing	TMC01	pP09UM00	4	4	4	0	2	4	3	0	2	4	3	0	2	4	3	20.1	27.079	0	13.71	805420000	0	1.09E+08	25372000	6.71E+08	0	9877600	16466000	26437000			
P13489	P13489	Ribonuclease inhibitor	RNH1	pP13489	7	7	7	0	4	2	7	0	4	2	7	0	4	2	7	23.6	49.973	0	61.791	804630000	0	1.1E+08	7753500	6.87E+08	0	13135000	5754000	22002000			
P49189	P49189	4-trimethylaminobutylaldehyde dehydrogenase	ALDH9A1	pP49189	13	13	13	0	12	2	12	0	12	2	12	0	12	2	12	29.6	53.801	0	52.794	804540000	0	4.54E+08	1783000	3.48E+08	0	47189000	769290	7628400			
O9NX46	O9NX46	Poly(ADP-ribose) glycohydrolase ARH3	ADPRHL2	pP09NX46	8	8	8	1	8	0	7	1	8	0	7	1	8	0	7	31.7	38.946	0	41.975	804080000	1064300	3.22E+08	0	4.81E+08	1515900	29297000	0	13911000			
O9BV20	O9BV20	Methylthioribose-1-phosphate isomerase	MR1	pP09BV20	10	10	10	0	6	0	6	0	6	0	6	0	6	0	6	44.2	39.149	0	34.086	802890000	0	6.62E+08	0	1.41E+08	0	53710000	0	8366600			
P19474	P19474	E3 ubiquitin-protein ligase TRIM21	TRIM21	pP19474	15	15	15	2	1	15	4	2	1	15	4	2	1	15	4	34.5	54.169	0	74.866	800570000	1381800	8667200	764750000	25770000	281680	209450	504410000	2917300			
O9HC1E	O9HC1E	Putative helix MOV-10	MOV10	pP09HC1E	16	16	16	4	15	9	15	4	15	9	15	4	15	9	15	18.8	177.380	0	47.897	800250000	1.48E+08	2.55E+08	35.19000	3.6E+08	1.34E+08	17783000	48657000	9717000			
O9HC35	O9HC35	Echinoderm microtubule-associated protein-like	EML4	pP09HC35	14	14	14	2	11	1	14	2	11	1	14	2	11	1	14	20.2	108.91	0	33.559	799120000	3150000	2.19E+08	1571300	5.76E+08	2992400	18777000	1319400	24063000			
O9NX58	O9NX58	Cell growth-regulating nuclear protein	LYAR	pP09NX58	12	12	12	9	11	9	11	9	11	9	11	9	11	9	11	9	43	43.624	0	73.728	796950000	25732000	2.68E+08	10397000	4E+08	31273000	22363000	72025000	9963700		
O92696	O92696	Geryonine(aryl) transferase type-2 subunit alpha	RABGGTA	pP092696	5	5	5	1	4	0	5	1	4	0	5	1	4	0	5	10.2	65.071	0	45.8												



Q9Y277	Q9Y277	Voltage-dependent anion-selective channel prote	VDAC3	sj Q9Y277	8	8	8	1	8	2	6	1	8	2	6	1	8	2	6	36.7	30.658	0	23.889	745490000	2892500	6.17E+08	5327800	1.2E+08	2452800	51843000	3644500	5054400		
Q13084	Q13084	39S ribosomal protein L28, mitochondrial	MRPL28	sj Q13084	11	11	11	1	9	3	9	1	9	3	9	1	9	3	9	59.4	30.156	0	48.036	745430000	2147300	1.98E+08	1486700	5.3E+08	6951600	29372000	10800000	12704000		
Q9P010	Q9P010	NADH dehydrogenase [ubiquinone] 1 alpha subc	NDUF1A3	sj Q9P010	5	5	5	1	5	3	5	1	5	3	5	1	5	3	5	43.1	16.698	0	18.044	745000000	5321500	2.14E+08	11344000	1.19E+08	830010	20212000	4128300	21113000		
Q9NX40	Q9NX40	O6IA domain-containing protein 1	O6IA1	sj Q9NX40	6	6	6	0	6	1	5	0	6	1	5	0	6	1	5	24.1	27.626	0	19.479	744330000	0	2.06E+08	1524400	3.37E+08	0	14739000	1509600	25013000		
Q13526;Q13526	Q13526	Peptidyl-prolyl cis-trans isomerase NIMA-interact	PIN1	sj Q13526	6	6	6	5	1	4	5	0	6	1	4	5	0	6	1	4	42.3	18.243	0	34.207	744220000	2.19E+08	3.1E+08	212530	2.14E+08	1.23E+08	98351000	3128900	29243000	
Q9ULE6	Q9ULE6	Paladin	PALD1	sj Q9ULE6	5	5	5	5	2	1	1	5	2	1	1	5	2	1	1	8.4	96.753	0	31.627	742540000	2.26E+08	1.37E+08	4144100	3.75E+08	2.41E+08	7027000	2528300	5959300		
P20645	P20645	Cation-dependent mannose-6-phosphate recepto	M6PR	sj P20645	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	22	30.993	0	12.612	742080000	0	1.7E+08	0	0	0	15952000	0	22573000		
Q13907	Q13907	Isopectinyl-diphosphate Delta-isomerase 1	ID1	sj Q13907	7	7	7	1	7	0	7	1	7	0	7	1	7	0	7	36.6	26.319	0	49.274	741040000	0	5.18E+08	291300	2.22E+08	0	52218000	375570	2465900		
O60256	O60256	Phosphoribosyl pyrophosphate synthase-associ	PPRSP2	sj O60256	10	9	9	0	9	3	10	0	8	2	9	0	8	2	9	0	40.925	0	49.504	739940000	0	2.92E+08	2142100	4.45E+08	0	14058000	450100	26700000		
Q13423	Q13423	NAD(P) transhydrogenase, mitochondrial	NNT	sj Q13423	13	13	11	1	13	1	8	1	13	1	8	1	13	1	13	1	17.5	113.89	1053100	44.971	739320000	1053100	4.19E+08	165590	3.15E+08	1862700	20713000	0	6174800	
Q9N9F9	Q9N9F9	DNA polymerase epsilon subunit 3	POLE3	sj Q9N9F9	5	5	5	0	4	2	5	0	4	2	5	0	4	2	5	36.7	16.859	0	41.073	739170000	0	3.33E+08	4889500	4.01E+08	0	34705000	3143500	11296000		
P49643	P49643	DNA primase large subunit	PRIM2	sj P49643	11	11	11	0	9	10	0	10	0	9	10	0	9	10	0	10	27.1	58.805	0	23.098	739000000	0	0.327E+08	0	0	0	30091000	0	15659000	
O43598	O43598	2-deoxyuracil-5-phosphate N-hydrolase 1	DNP1	sj O43598	5	5	5	0	5	1	2	0	5	1	2	0	5	1	2	55.2	19.108	0	46.069	736260000	0	6.84E+08	1537500	4759000	0	61573000	2105400	1983700		
Q9UN86	Q9UN86	Ras GTPase-activating protein-binding protein 2	G3BP2	sj Q9UN86	9	9	9	7	3	6	7	8	2	5	6	7	2	5	6	7	23.9	54.12	0	41.063	735880000	19051000	87880000	159210000	4.7E+08	65833000	10117000	60590800	10293000	
Q16537;Q16537	Q16537	Serine/threonine-protein phosphatase 2A 56 kDa	PPP2R5E	sj Q16537	10	10	10	0	4	2	10	0	4	2	10	0	4	2	10	0	7	24.8	54.699	0	33.127	735650000	0	27780000	7310400	7.01E+08	0	3783000	9809800	22580000
O94874	O94874	E3 UFM1-protein ligase 1	UFL1	sj O94874	14	14	14	0	8	9	13	0	8	9	13	0	8	9	13	23.3	89.594	0	79.115	733860000	0	1.14E+08	18721000	6.02E+08	0	11684000	17458000	18187000		
P17301	P17301	Integrin alpha-2	ITGA2	sj P17301	16	16	16	0	1	16	0	5	1	16	0	5	1	16	0	21.2	129.29	0	66.891	730190000	0	17822000	1708200	7.11E+08	0	1332700	894610	29693000		
P35250	P35250	Replication factor C subunit 2	RFC2	sj P35250	11	11	11	0	11	6	8	0	11	6	8	0	11	6	8	45.2	39.157	0	106.29	729740000	0	3.06E+08	17948000	4.06E+08	0	21343000	19222000	15153000		
Q9Y333	Q9Y333	U6 snRNA-associated Sm-like protein Lsm2	LSM2	sj Q9Y333	3	3	3	0	3	0	2	0	3	0	2	0	3	0	2	48.4	10.834	0	13.06	729540000	0	3.6E+08	0	3.69E+08	0	30082000	0	16870000		
Q29RF7	Q29RF7	Sister chromatid cohesion protein PD55 homolog	PD55A	sj Q29RF7	21	21	20	0	17	4	20	0	17	4	20	0	16	4	19	22.4	150.83	0	68.86	729270000	0	2.31E+08	10259000	4.88E+08	0	17943000	6076800	23318000		
Q53E06	Q53E06	Glycerol-3-phosphate acyltransferase 3	AGPAT9	sj Q53E06	12	12	12	0	7	12	0	0	7	12	0	0	7	12	0	26.7	48.705	0	65.893	729180000	0	0	28113000	7.01E+08	0	0	0	27268000	20456000	
Q81258	Q81258	Polyribonucleotide nucleotidyltransferase 1, mito	PNP1T	sj Q81258	17	17	16	0	15	13	0	15	5	13	0	15	5	13	0	12	26.7	85.05	0	63.932	728700000	0	3.45E+08	1778900	3.76E+08	0	32792000	42211000	12709000	
Q8N135	Q8N135	Inad-like protein	INADL	sj Q8N135	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	7	196.37	0.00453	1.8274	726730000	0	5.89E+08	7791800	1.26E+08	0	50696000	6691500	5213500	
P61956;Q61956	P61956	Small ubiquitin-related modifier 2	SUMO2	sj P61956	3	3	3	0	3	1	3	0	3	1	3	0	3	1	3	0	27.4	10.871	0	15.332	726360000	7985200	4.51E+08	0	3.7E+08	9121800	38159000	0	11478000	
Q9HA77	Q9HA77	Proteasome cysteine- $\alpha$ RNA ligase, mitochondrial	CARS2	sj Q9HA77	7	7	7	1	5	1	6	1	5	1	6	1	5	1	6	18.8	62.223	0	23.958	726290000	310260	1.45E+08	5478300	5.76E+08	938780	3808600	3233800	33169000		
Q99426	Q99426	Tubulin-folding cofactor B	TBCB	sj Q99426	6	6	6	0	6	0	6	0	6	0	6	0	6	0	6	0	32.8	27.325	0	21.803	724240000	0	1.94E+08	0	5.3E+08	0	16680000	0	22238000	
Q8W190	Q8W190	Zinc finger CCH domain-containing protein 15	ZC3H15	sj Q8W190	8	8	8	2	7	8	2	7	8	2	7	8	2	7	8	26.3	48.602	0	40.68	723550000	15500000	1.97E+08	25842000	4.85E+08	19779000	14318000	19643000	16555000		
Q10471;Q10471	Q10471	Polypeptide N-acetylglucosaminyltransferase 2	GALNT2	sj Q10471	11	11	11	0	8	6	11	0	8	6	11	0	8	6	11	0	24	64.732	0	44.032	722040000	301310	72592000	10605900	6.32E+08	8540000	10366000	8085800	16542000	
P49593	P49593	Protein phosphatase 1F	PPM1F	sj P49593	11	11	11	0	8	1	9	0	8	1	9	0	8	1	9	0	42.5	49.83	0	45.833	721680000	0	1.79E+08	1526900	5.43E+08	0	26048000	3089900	9872300	
P24941;Q61949	P24941	Cyclin-dependent kinase 2	CDK2	sj P24941	7	7	7	0	8	3	7	0	8	3	7	0	8	3	7	0	38.9	33.929	0	35.693	720310000	0	4.51E+08	4203500	2.65E+08	0	38032000	6445800	8751200	
Q9BV86	Q9BV86	N-terminal Xaa-Pro-Lys-N-methyltransferase 1;N-1	NTMT1	sj Q9BV86	9	9	9	0	6	0	9	0	6	0	9	0	6	0	9	0	6	53.8	25.387	0	27.884	719410000	0	4.74E+08	0	2.46E+08	0	38310000	0	13425000
P61077	P61077	Ubiquitin-conjugating enzyme E2 D3	UBE2D3	sj P61077	3	3	3	1	0	2	1	0	2	1	0	2	1	0	2	1	24.5	16.687	0	4.896	719010000	0	2.36E+08	2039300	4.81E+08	0	21698000	15694000	18689000	
Q08AM6	Q08AM6	Protein VAC1A homolog	VAC1A	sj Q08AM6	14	14	14	1	9	10	13	1	9	10	13	1	9	10	13	22.5	87.972	0	45.192	716810000	3999900	82855000	40330000	5.87E+08	0	9950500	28390000	22191000		
Q9H357	Q9H357	Tyrosine-protein phosphatase non-receptor type	PTPN23	sj Q9H357	19	19	19	0	13	1	19	0	13	1	19	0	13	1	19	21.1	178.97	0	70.753	715300000	0	97580000	1371200	1.61E+08	0	9862100	1250900	23758000		
Q96H51	Q96H51	Serine/threonine-protein phosphatase PGAM5, n	PGAM5	sj Q96H51	19	19	19	0	13	8	8	0	13	8	8	0	13	8	8	54	32.004	0	32.463	714960000	1.44E+08	3.64E+08	3612000	1.71E+08	1.37E+08	39120000	27103000	10864000		
Q52L10	Q52L10	Protein FAM98B	FAM98B	sj Q52L10	10	10	10	0	7	1	8	4	8	1	0	2	6	2	6	33.5	45.547	0	73.831	714250000	957690	2.17E+08	21426000	4.75E+08	2709600	29047000	11268000	10982000		
Q9NZ08	Q9NZ08	Endoplasmic reticulum aminopeptidase 1	ERAP1	sj Q9NZ08	10	10	10	0	10	1	0	10	0	10	1	0	10	0	10	14.3	107.23	0	33.581	710780000	162960	0	0	0	7.11E+08	0	29224000	0	0	
Q9UNL2	Q9UNL2	Translocin-associated protein subunit gamma	SSR3	sj Q9UNL2	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	7.6	21.08	0	44.648	710150000	0	2.42E+08	28110000	4.4E+08	0	17602000	15257000	14930000		
Q99439	Q99439	Calponin-2	CNN2	sj Q99439	4	4	4	0	3	1	5	0	3	1	5	0	3	1	5	0	20.4	33.697	0	17.458	708990000	6.72E+08	0	6067000	6.26E+08	0	10188000	8704800	17719000	
Q9NP74	Q9NP74	Palmdelphin	PALMD	sj Q9NP74	11	11	11	0	0	4	11	0	0	4	11	0	0	4	11	0	34.3	62.757	0	33.048	707870000	0	0	7584500	7E+08	0	7838100	26058000	0	
P08962	P08962	CDG3 antigen	CDG3	sj P08962	1	1	1	0	1	0	0	1	0	0	1	0	0	1	0	4.2	25.636	0	12.305	706900000	0	0	0	0	0	0	0	0	23414000	
Q95104	Q95104	Splicing factor, arginine/serine-rich 15	SCAF4	sj Q95104	8	8	8	0	8	2	8	0	8	2	8																			

Q53E6	Q53E6	Programmed cell death protein 4	PDCD4	Q53E6	8	8	8	4	7	1	0	4	7	1	0	4	7	1	0	23.9	51.735	0	46.26	667700000	1.87E+08	4.79E+08	2130500	0	546750000	1.66E+08	9967200	0	
P8293	P8293	28S ribosomal protein S9, mitochondrial	MRP59	P8293	10	10	10	1	8	5	8	1	8	5	8	1	8	5	8	1	33.6	45.834	0	33.992	666900000	2351000	3.78E+08	31302000	2.55E+08	4139200	8379200	13188000	16040000
Q9UHD2	Q9UHD2	Serine/threonine-protein kinase TBK1	TBK1	Q9UHD2	16	16	16	6	6	13	10	6	6	13	10	6	6	13	10	32.1	82.641	0	83.512	664530000	84715000	48720000	2.18E+08	6	53	3294000	134670000	16055000	
Q9C636	Q9C636	Pyruvate-5-carboxylate reductase 2	PCYR2	Q9C636	7	7	7	7	4	5	0	7	4	5	0	7	4	5	0	25.9	33.637	0	31.579	664190000	0	4.11E+08	6019400	2.48E+08	0	34025000	7813500	8582900	
O15347	O15347	High mobility group protein B3	HMG83	O15347	5	5	5	0	5	0	4	0	5	0	4	0	5	0	4	18.5	22.98	0	18.311	664180000	0	4.47E+08	0	0	1.27E+08	0	8433000		
P12532;P1	P12532	Creatine kinase U-type, mitochondrial	CKMT1A	P12532	8	8	8	8	1	0	0	8	1	0	0	8	1	0	0	34.1	47.036	0	137.64	663290000	0	6.61E+08	2337400	0	0	58263000	1570700	0	
O94903	O94903	Proline synthase co-transcribed bacterial homolog PROSC	PROSC	O94903	5	5	5	0	5	1	2	0	5	1	2	0	5	1	2	25.5	30.344	0	23.676	662610000	0	4.68E+08	555120	1.94E+08	0	46264000	558560	2797200	
Q14CX7	Q14CX7	N-alpha-acetyltransferase 25, NaBt auxillary subu	NAA25	Q14CX7	13	13	13	0	10	0	10	0	10	0	10	0	10	0	10	14.8	112.29	0	36.959	661860000	0	1.6E+08	0	0	1.61E+08	0	18576000		
Q3ZM24	Q3ZM24	Leucine-rich repeat flightless-interacting protein	LRRP13	Q3ZM24	10	10	10	9	4	10	0	9	4	10	0	9	4	10	0	18.7	89.252	0	53.472	658900000	0	1.92E+08	11489000	4.55E+08	0	15217000	13453000	14648000	
Q14925;O	Q14925	Mitochondrial import inner membrane translocase	TIMM23	Q14925	7	7	7	7	3	7	0	7	3	7	0	7	3	7	0	61.7	21.943	0	71.402	656790000	0	2.05E+08	7254700	4.45E+08	0	16417000	11580000	13227000	
Q96920	Q96920	60S ribosomal protein L36a-like	RLP36AL	Q96920	7	7	7	2	0	6	7	6	0	7	6	0	7	6	0	45.3	12.469	0	39.239	656190000	0	2.28E+08	66584000	3.62E+08	0	20450000	43820000	15422000	
P48449	P48449	Lanosterol synthase	LSS	P48449	12	12	12	0	11	0	11	0	11	0	11	0	11	0	11	22.3	83.308	0	37.632	655180000	0	2.07E+08	0	0	0	16770000	0	19970000	
P57088	P57088	Transmembrane protein 33	TMEM33	P57088	4	4	4	4	3	4	0	4	3	4	0	4	3	4	0	16.2	27.978	0	22.007	652860000	0	1.61E+08	21965000	4.7E+08	0	12808000	16675000	18771000	
P78346	P78346	Ribonuclease P protein subunit p30	RPP30	P78346	8	8	8	0	7	4	8	0	7	4	8	0	7	4	8	39.9	29.321	0	30.694	652530000	0	2.19E+08	5425900	4.29E+08	0	20812000	9563400	10161000	
Q92665	Q92665	28S ribosomal protein S31, mitochondrial	MRP531	Q92665	9	9	9	9	9	6	7	1	9	6	7	1	9	6	7	37.5	45.318	0	44.725	651400000	1306900	4.19E+08	13257000	2.18E+08	2145600	35311000	10826000	7808800	
Q55515	Q55515	Heterochromatin protein 3	HP18P3	Q55515	12	12	12	1	6	9	10	1	6	9	10	1	6	9	10	27.7	61.206	0	30.279	651250000	272740	30223000	75855000	5.45E+08	1147900	1718400	42260000	31194000	
Q00577	Q00577	Transcriptional activator protein Pur-alpha	PURA	Q00577	6	6	6	0	5	4	4	0	5	4	4	0	5	4	4	32.3	34.91	0	93.412	650860000	0	2.68E+08	86672000	2.97E+08	0	18936000	63656000	11437000	
P62993	P62993	Growth factor receptor-bound protein 2	GRB2	P62993	7	7	7	7	3	7	0	7	3	7	0	7	3	7	0	41.9	25.206	0	25.15	649820000	0	2.55E+08	0	5314400	3.9E+08	0	22939000	5206900	13911000
Q92879	Q92879	CUGBP Elav-like family member 1	CELF1	Q92879	9	9	9	7	2	7	0	7	2	7	0	7	2	7	0	27.8	52.063	0	39.834	649190000	0	2.33E+08	5095000	4.11E+08	0	11679000	15271000	26891000	
Q9H5K3	Q9H5K3	Protein O-mannose kinase	POMK	Q9H5K3	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	7.4	40.05	0	7.056	649040000	0	4.8807000	0	6E+08	0	5791400	0	23196000	
Q658P3	Q658P3	Metalloendolectin STEAP3	STEAP3	Q658P3	4	4	4	0	3	2	4	0	3	2	4	0	3	2	4	13.7	54.6	0	14.243	647670000	0	18331000	16952000	6.12E+08	0	2371500	19644000	16177000	
P55039	P55039	Developmentally-regulated GTP-binding protein 2	DRG2	P55039	7	7	7	2	4	0	7	2	4	0	7	2	4	0	7	25.3	40.746	0	20.49	647350000	10804000	1.15E+08	0	0	5.22E+08	17038000	13001500	0	
Q08752	Q08752	Peptidyl-prolyl cis-trans isomerase D	PP1D	Q08752	11	11	11	0	10	0	11	0	10	0	11	0	10	0	11	38.1	40.763	0	40.586	645220000	0	2.65E+08	0	0	0	23345000	0	15511000	
Q96A35	Q96A35	39S ribosomal protein L24, mitochondrial	MRPL24	Q96A35	3	3	3	0	3	3	0	3	3	0	3	3	0	3	3	23.1	24.915	0	10.724	644630000	0	1.79E+08	25672000	4.4E+08	0	14340000	20238000	16576000	
P13807;P5	P13807	Glycogen (starch) synthase, muscle	GSY1	P13807	11	11	11	0	10	2	8	0	10	2	8	0	10	2	8	22.1	83.785	0	24.062	644430000	0	2.71E+08	4042900	3.7E+08	0	30527000	3018600	8245300	
Q9HCO0	Q9HCO0	Methylcrotonoyl-CoA carboxylase beta chain, mit	MCC2C	Q9HCO0	10	10	10	1	10	4	9	1	10	4	9	1	10	4	9	27.4	61.332	0	36.06	644180000	487540	3.3E+08	4437900	3.09E+08	931500	34117000	3067600	6648600	
Q95A73	Q95A73	Peptidyl-prolyl cis-trans isomerase FKBP10	FKBP10	Q95A73	10	10	10	0	6	2	10	0	6	2	10	0	6	2	10	17.4	64.244	0	25.811	641940000	0	2.8602000	1900700	6.11E+08	0	2553600	768490	25622000	
P35222	P35222	Catenin beta-1	CTNNB1	P35222	13	13	13	0	11	3	13	0	11	3	13	0	11	3	13	24.2	85.496	0	75.795	640890000	0	2.2E+08	13942000	4.07E+08	0	17337000	13876000	14168000	
P46977	P46977	Dolichyl-diphosphooligosaccharide--protein gly	TT3A	P46977	8	7	7	0	8	6	7	0	7	5	6	7	0	7	5	6	11.5	80.529	0	28.413	640840000	0	2.46E+08	20102000	3.74E+08	0	17952000	15822000	16849000
Q97200	Q97200	Sigma non-opioid intracellular receptor 1	SIGMAR1	Q97200	4	4	4	0	4	2	4	0	4	2	4	0	4	2	4	29.6	25.127	0	47.83	636840000	0	2.64E+08	2330900	3.71E+08	0	20493000	5188900	14387000	
Q9Y2V2	Q9Y2V2	Calcium-regulated heat stable protein 1	CARHSP1	Q9Y2V2	5	5	5	0	4	1	5	0	4	1	5	0	4	1	5	64.6	15.892	0	38.749	636030000	0	1.33E+08	1544300	5.01E+08	0	12091000	1249900	20065000	
P28340	P28340	DNA polymerase delta catalytic subunit	POLD1	P28340	15	15	15	0	10	3	12	0	10	3	12	0	10	3	12	21.3	123.63	0	60.881	635050000	0	2.37E+08	5877100	3.92E+08	0	20666000	2290800	18019000	
P23193;Q1	P23193	Transcription elongation factor A protein 1	TCEA1	P23193	13	13	13	0	13	1	12	0	13	1	12	0	13	1	12	49.2	33.969	0	44.454	634660000	0	2.35E+08	10357000	3.89E+08	0	10790000	11629000	14982000	
Q15020	Q15020	Squamous cell carcinoma antigen recognized by T	SART3	Q15020	12	12	12	0	11	5	11	0	11	5	11	0	11	5	11	16.7	109.93	0	40.193	633770000	0	2.55E+08	1388700	3.73E+08	0	18346000	2862300	20470000	
O75962;O1	O75962	Triple functional domain protein	TRIO	O75962	19	19	19	0	1	8	18	0	1	8	18	0	1	8	18	10.9	346.9	0	57.949	633220000	0	2.594300	58991000	6.12E+08	0	754830	6152400	31174000	
Q13596	Q13596	Sorting nexin-1	SNX1	Q13596	12	10	10	0	8	3	12	0	6	2	10	0	6	2	10	19.5	59.069	0	43.013	632300000	0	1.18E+08	4389300	5.1E+08	0	9831600	4030200	20444000	
P17096	P17096	High mobility group protein HMG-I/HMG-Y	HMG1	P17096	5	5	5	1	4	4	5	1	4	4	5	1	4	4	5	38.3	11.676	0	21.833	631800000	749730	73558000	38399000	5.19E+08	1287500	8652300	30851000	13590000	
Q6NYC1	Q6NYC1	Bifunctional arginine demethylase and lysyl-hydr	JM1D6	Q6NYC1	6	6	6	1	6	1	4	1	6	1	4	1	6	1	4	22.8	46.461	0	27.2	631670000	1125200	2.62E+08	6915600	3.61E+08	0	20679000	8609600	13339000	
P30519	P30519	Heme oxygenase 2	HMOX2	P30519	8	8	8	0	7	0	5	0	7	0	5	0	7	0	5	41.7	36.032	0	51.647	631530000	0	4.52E+08	0	0	0	36892000	0	10339000	
Q07157	Q07157	Tight junction protein ZO-1	TJP1	Q07157	26	26	26	1	10	25	20	1	10	25	20	1	10	25	20	22.5	195.46	0	69.417	631030000	810120	57144000	23047000	2.43E+08	1094900	5204500	16139000	7120000	
Q9NX63	Q9NX63	MICOS complex subunit MIC19	CHCHD3	Q9NX63	7	7	7	0	4	6	0	4	6	0	4	6	0	4	6	23.7	26.152	0	27.419	630570000	0	3.57E+08	1664300	2.59E+08	0	29983000	11700000	10290000	
Q9BV36	Q9BV36	Melanophilin	MLPH	Q9BV36	13	13	13	0	6	13	0	6	13	0	6	13	0	6	13	33.8	65.948	0	80.823	629360000	0	0	32602000	5.97E+08	0	24708000	21742000	0	
Q00393	Q00393	Small acid protein	SMAP	Q00393	5	5	5	0	5	1	5	0	5	1	5	0	5	1	5	30.1	20.332	0	56.838	6291300									

P49589	P49589	Cysteine-tRNA ligase, cytoplasmic	CARS	sp P49589	11	11	11	1	9	2	10	1	9	2	10	16.8	85.472	0	60.933	598850000	1745300	1.8E+08	3255600	4.14E+08	2714100	11146000	3705400	19269000					
Q9NYL9;Q9NYL9	Q9NYL9	Tropomodulin-3	TMOD3	sp Q9NYL9	9	9	9	0	8	9	6	0	8	9	6	0	36.6	39.594	0	42.829	598610000	0	1.74E+08	83401000	3.42E+08	0	15982000	53602000	15811000				
Q15382	Q15382	GTP-binding protein Rheb	RHEB	sp Q15382	7	7	7	0	5	1	7	0	5	1	7	29.3	20.497	0	13.695	597380000	0	28004000	862920	6.9E+08	0	1615400	59179000	24197000					
Q99805	Q99805	Transmembrane 9 superfamily member 2	TM9SF2	sp Q99805	7	7	7	0	7	4	7	0	7	4	7	0	11.2	75.775	0	30.074	596700000	0	1.14E+08	13716000	6.09E+08	0	9961400	90466000	18613000				
Q9H446	Q9H446	Golgi phosphatase 3	GOLPH3	sp Q9H446	4	4	4	0	4	0	4	0	4	0	4	0	3	24.2	33.81	0	24.621	595150000	0	2.62E+08	0	4.61E+08	0	9066600	0	19859000			
P54105	P54105	Methylosome subunit p1Cn	CLNS1A	sp P54105	5	5	5	0	4	0	4	0	4	0	4	0	4	43.5	26.215	0	49.942	594880000	0	3.83E+08	0	0.12E+08	0	36236000	0	6234000			
Q15005	Q15005	Signal peptidase complex subunit 2	SPCS2	sp Q15005	7	7	7	0	7	0	7	0	7	0	7	0	6	39.8	25.003	0	48.611	593310000	0	2.28E+08	0	0.36E+08	0	20849000	0	14258000			
O00767	O00767	Acy-CoA desaturase	SCD	sp O00767	4	4	4	0	2	2	2	0	2	2	2	0	4	22.6	41.522	0	12.294	593100000	0	28356000	12723000	0	3844700	15062000	14845000				
Q9Y413	Q9Y413	Unconventional myosin-Va	MYO5A	sp Q9Y413	19	19	19	2	6	3	19	2	6	3	19	2	6	3	19	13	215.4	0	70.396	592000000	64518000	13509000	6158300	5.08E+08	41359000	8695100	10475000	30202000	
Q60783	Q60783	28S ribosomal protein S24, mitochondrial	MRPS14	sp Q60783	2	2	2	1	2	2	2	1	2	2	2	1	2	2	2	2	19	15.139	0	13.894	591500000	1329600	48630000	49744000	44136000	28828000	24390000	28864000	3142300
Q9N406	Q9N406	SPAT3-like protein	SPAT3L	sp Q9N406	11	11	11	0	4	8	11	0	4	8	11	0	4	8	11	26.7	61.728	0	32.547	591200000	0	9482200	97838000	4.84E+08	0	623860	58271000	27597000	
Q15165	Q15165	Serum paraoxonase/arylesterase 2	PON2	sp Q15165	7	7	7	0	1	0	7	0	1	0	7	0	7	40.1	39.38	0	50.672	590890000	0	10963000	0	5.8E+08	0	99700	0	20881000			
P27000	P27000	Lamin-B1	LMNB1	sp P27000	17	17	17	2	15	3	9	2	15	3	9	2	14	2	8	40.3	66.408	0	80.014	590050000	1719900	4.31E+08	7156800	1.5E+08	968620	4322800	2599600	3901300	
Q9Y323	Q9Y323	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	SAMHD1	sp Q9Y323	16	16	16	1	16	1	9	1	16	1	9	1	16	1	9	35.3	72.2	0	44.122	589020000	2219100	3.54E+08	674520	2.33E+08	0	36271000	0	40095000	
Q14789	Q14789	Golgin subfamily B member 1	GOLGB1	sp Q14789	22	22	22	1	18	4	16	1	18	4	16	1	18	4	16	11.3	376.01	0	62.755	588940000	8762900	2.16E+08	5023100	3.6E+08	0	16481000	5296800	15368000	
P35573	P35573	Glycogen debranching enzyme;4-alpha-glucanotransferase	AGL	sp P35573	11	11	11	0	11	0	11	0	11	0	11	0	11	0	11	9.9	174.76	0	49.61	588330000	0	2.26E+08	0	1.03E+08	0	20138000	0	14674000	
P09669	P09669	Cytochrome c oxidase subunit 6C	COX6C	sp P09669	5	5	5	0	5	5	5	0	5	5	5	0	5	5	37.3	8.713	0	11.347	588050000	0	3.19E+08	11541000	2.57E+08	0	27817000	7606400	11092000		
P31937	P31937	3-hydroxyisobutyrate dehydrogenase, mitochondrion	HIBADH	sp P31937	9	9	9	0	9	0	9	0	9	0	9	0	9	0	9	40.5	35.329	0	68.669	587950000	0	4.19E+08	0	1.69E+08	0	33954000	0	9930300	
P36404	P36404	ADP-ribosylation factor-like protein 2	ARL2	sp P36404	6	6	6	0	6	2	6	0	6	2	6	0	6	2	6	40.2	20.878	0	32.53	587170000	0	2.08E+08	2571300	3.77E+08	0	18724000	2519500	14310000	
Q5TFE4	Q5TFE4	5-nucleotide domain-containing protein 1	NTSDC1	sp Q5TFE4	6	6	6	0	6	0	6	0	6	0	6	0	6	0	6	25.005	586900000	0	2.86E+08	0	3.01E+08	0	19083000	0	18511000				
P34949	P34949	Mannose-6-phosphate isomerase	MPI	sp P34949	8	8	8	0	8	0	8	0	8	0	8	0	8	0	8	27.7	46.655	0	55.642	586480000	0	4.97E+08	0	89234000	0	38040000	0	9461600	
P55795	P55795	Heterogeneous nuclear ribonucleoprotein H2	HNRNPH2	sp P55795	13	6	6	4	12	11	6	0	12	11	6	0	12	11	6	36.1	49.263	0	64.383	585410000	44467000	2.39E+08	42745000	2.59E+08	56041000	18779000	20740000	10245000	
Q58FF6	Q58FF6	Putative heat shock protein HSP 90-beta 4	HSP90AB4	sp Q58FF6	7	1	1	3	7	5	7	1	0	1	0	1	0	1	10.1	58.264	0.000246	3.6023	583960000	0	2.47E+08	0	3.37E+08	0	21730000	0	13878000		
O15498	O15498	Synaptobrevin homolog YKT6	YKT6	sp O15498	8	8	8	0	1	6	1	8	1	6	1	8	0	8	45.5	22.417	0	20.735	583660000	13887000	2.97E+08	1757100	4.83E+08	1117700	9833200	1003200	18027000		
Q9Y5K6	Q9Y5K6	CD2-associated protein	CD2AP	sp Q9Y5K6	8	8	8	0	6	1	8	0	6	1	8	0	6	1	8	20.7	71.45	0	58.82	583460000	0	1.53E+08	1570800	4.29E+08	0	12197000	7955200	12014000	
Q95336	Q95336	6-phosphogluconolactonase	PGLA	sp Q95336	6	6	6	0	3	0	6	0	3	0	6	0	3	0	6	39.1	27.547	0	59.327	581600000	0	20245000	0	3.61E+08	0	3696900	0	21174000	
P05121	P05121	Plasminogen activator inhibitor 1	SERPINE1	sp P05121	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	21.6	45.059	0	22.366	581490000	0	16791000	5.65E+08	0	9795500	24711000	9795500	0	21432000
Q8N857;Q8N857	Q8N857	Protein enabled homolog	ENAH	sp Q8N857	13	13	13	0	13	0	13	0	13	0	13	0	13	0	13	31.1	66.509	0	60.096	581280000	0	2.68E+08	0	3.13E+08	0	23365000	0	12423000	
P82650	P82650	28S ribosomal protein S22, mitochondrial	MRPS22	sp P82650	13	13	13	3	13	2	6	3	13	2	6	3	13	2	6	37.8	41.28	0	49.011	581160000	6514700	4.66E+08	5228600	1.04E+08	63217000	40040000	3494300	5138600	
Q2NL82	Q2NL82	Pre-rRNA processing protein TSR1 homolog	TSR1	sp Q2NL82	11	11	11	1	11	11	8	1	11	11	8	1	11	8	16.9	91.809	0	27.174	581040000	920240	3.15E+08	36993000	2.28E+08	2460000	3133000	14466000	14667000		
Q15428	Q15428	Splicing factor 3A subunit 2	SF3A2	sp Q15428	4	4	4	1	4	0	4	1	4	0	4	1	4	0	4	14.9	49.255	0	33.774	579850000	2178900	3.11E+08	0	0.67E+08	3986400	27442000	0	9136300	
Q9UH86	Q9UH86	LIM domain and actin-binding protein 1	LIMA1	sp Q9UH86	9	9	9	0	6	9	8	0	6	9	8	0	6	9	8	18.6	85.225	0	31.816	579770000	0	1.14E+08	150330000	3.15E+08	0	18165000	80199000	25699000	
P22033	P22033	Methylmalonyl-CoA mutase, mitochondrial	MUT	sp P22033	12	12	12	1	10	2	6	1	10	2	6	1	10	2	6	21.3	83.134	0	30.371	578980000	1.01E+08	2.66E+08	6442400	2.06E+08	0	32406000	848120	29499000	
Q16539	Q16539	Mitogen-activated protein kinase 14	MAPK14	sp Q16539	9	9	9	0	9	0	9	0	9	0	9	0	9	0	9	6	42.2	41.293	0	67.138	578690000	0	1.51E+08	0	4.28E+08	0	17156000	0	13726000
P11498	P11498	Pyruvate carboxylase, mitochondrial	PC	sp P11498	11	11	11	0	11	0	11	0	11	0	11	0	11	0	11	13.8	129.63	0	62.269	578430000	0	23603000	0	5.55E+08	0	5441300	0	19457000	
Q96N67;Q96N67	Q96N67	Dedicator of cytokinesis protein 7	DOCK7	sp Q96N67	17	17	17	16	3	11	11	16	3	11	11	16	3	11	10	15	12.3	242.56	0	62.555	578360000	2113500	1.28E+08	19171000	4.29E+08	4187400	11655000	12824000	15245000
Q3ZCM7	Q3ZCM7	Tubulin beta-8 chain	TUBB8	sp Q3ZCM7	11	2	5	10	8	11	0	10	8	11	0	10	8	11	0	24.5	49.775	0	23.998	578350000	0	2.3E+08	0	3.48E+08	0	21638000	0	12984000	
Q8TDN6	Q8TDN6	Ribosome biogenesis protein BRX1 homolog	BRX1	sp Q8TDN6	10	10	10	1	6	10	10	1	6	10	10	1	6	10	10	36	41.401	0	32.03	577480000	150230	56735000	51415000	4.69E+08	653650	5147500	47311000	5885700	
Q13561	Q13561	Dynactin subunit 2	DCTN2	sp Q13561	8	8	8	0	7	3	7	1	7	3	7	1	7	3	7	31.9	44.23	0	28.004	576820000	37035000	2.45E+08	8891800	3.19E+08	5229900	1947000	11368000	8646800	
Q10713	Q10713	Mitochondrial-processing peptidase subunit alpha; PMPCA	Q10713	sp Q10713	13	13	13	1	13	1	10	1	13	1	10	1	13	1	10	26.5	58.252	0	40.041	576760000	415310	3.5E+08	639750	2.26E+08	0	27266000	0	11256000	
Q9NYL2	Q9NYL2	Mitogen-activated protein kinase kinase M ZAK	Q9NYL2	sp Q9NYL2	5	5	5	0	3	3	5	0	3	3	5	0	3	3	5	8.8	91.154	0	65.781	576330000	0	17944000	6382500	5.52E+08	0	2505400	4201300	21866000	
Q9UH65	Q9UH65	Switch-associated protein 70	SWAP70	sp Q9UH65	11	11	11	0	4	0	10	0	4	0	10	0	4	0	10	29.4	68.997	0	202.38	575680000	0	30197000	0	3.45E+08	0	2019400	0	23076000	
Q8N3U4;Q8N3U4	Q8N3U4	Cohesin subunit SA-2	STAG2	sp Q8N3U4	8	8	8	0	1	8	0	1	8	0	1	8	0	1	8	0	3	9.7	143.32	0	28.371	574540000	3.77E+08	1.57E+08	0	4034			

P46939	P46939	Utrophin	UTRN	sp P46939	19	19	19	3	13	4	16	3	13	4	16	3	13	4	16	7.9	394.46	0	74.933	535060000	6743500	1.24E+08	5273700	3.99E+08	1665600	3816400	1700200	30450000
Q9GZT8;AI	Q9GZT8	NIF3-like protein 1	NIF3L1	sp Q9GZT8	6	6	6	0	6	0	6	0	6	0	6	0	6	0	6	21.8	41.968	0	25.067	534540000	0	2.29E+08	0	3.05E+08	0	19855000	0	12905000
Q9Y3A5	Q9Y3A5	Ribosome maturation protein SBD5	SBD5	sp Q9Y3A5	9	9	9	1	8	1	7	1	8	1	7	1	8	1	7	34.8	28.763	0	21.072	534290000	4635000	2.23E+08	411430	3.06E+08	3349800	28256000	818130	4747500
Q8NBJ7	Q8NBJ7	Sulfatase-modifying factor 2	SUMF2	sp Q8NBJ7	7	7	7	0	7	1	7	0	7	1	7	0	7	1	7	29.9	33.843	0	23.157	533440000	0	2.32E+08	1395100	3E+08	0	24996000	2054800	6668100
Q53G59	Q53G59	U4/U6,U5-tri-snRNP-associated protein 2	USP39	sp Q53G59	8	8	2	7	7	7	7	7	7	7	7	7	7	7	19.5	65.38	0	33.009	533050000	20855000	1.31E+08	28879000	3.52E+08	33406000	11365000	10754000	9775600	
Q8N3F8	Q8N3F8	MICAL-like protein 1	MICAL1	sp Q8N3F8	10	10	10	0	6	1	10	0	6	1	10	0	6	1	10	22.7	93.44	0	41.842	532840000	0	49213000	551230	4.83E+08	0	2543000	586610	21449000
Q96F86	Q96F86	Enhancer of mRNA-decapping protein 3	EDC3	sp Q96F86	9	9	9	5	8	0	9	5	8	0	9	5	8	0	9	23.8	56.077	0	21.753	531400000	0	1.77E+08	8971600	3.45E+08	0	14075000	11147000	10615000
P10301	P10301	Ras-related protein R-Ras	RAS	sp P10301	5	5	5	0	5	0	5	0	5	0	5	0	5	0	3	27.1	23.48	0	18.823	531200000	0	12641000	0	3.19E+08	0	2490700	0	19950000
Q43670	Q43670	BUB3-interacting and GLEBS motif-containing pro ZNF207	ZNF207	sp Q43670	6	6	6	1	6	3	6	1	6	3	6	1	6	3	6	15.5	50.75	0	32.111	531130000	2613600	2.14E+08	10916000	3.04E+08	3919900	20978000	6477700	9905200
Q2M389	Q2M389	WASH complex subunit 7	KIAA1083	sp Q2M389	13	13	0	4	0	13	0	4	0	13	0	4	0	13	17.3	136.4	0	79.186	530400000	0	47552000	0	4.83E+08	0	770060	0	23279000	
Q8N8F2	Q8N8F2	NH1 repeat-containing protein 2	NHLKC2	sp Q8N8F2	9	9	9	1	9	0	8	1	9	0	8	1	9	0	8	21.5	79.443	0	41.444	530190000	5116900	2.4E+08	0	2.85E+08	6811500	21178000	0	9280000
Q9Z797	Q9Z797	Symplexin	SYMPK	sp Q9Z797	12	12	12	0	11	3	10	0	11	3	10	0	11	3	10	11.8	141.15	0	40.337	529540000	0	2.3E+08	3074800	2.96E+08	0	25434000	1953300	7153700
Q8NSK1	Q8NSK1	CDGS8 iron-sulfur domain-containing protein 2	CSD2	sp Q8NSK1	5	5	5	0	4	5	5	0	4	5	5	0	4	5	5	31.9	15.278	0	13.621	529050000	0	2.14E+08	10646000	3.05E+08	0	18905000	7799200	11811000
Q9Y3A6	Q9Y3A6	Transmembrane emp24 domain-containing protein TME4D5	Q9Y3A6	sp Q9Y3A6	5	5	5	1	5	0	4	1	5	0	4	1	5	0	4	27.1	26.005	0	34.326	528590000	70811000	2.68E+08	0	2.54E+08	7058200	25718000	0	8336400
Q8NCAS	Q8NCAS	Protein FAM58A	FAM58A	sp Q8NCAS	7	4	2	5	6	6	2	3	4	2	3	4	2	3	4	18.1	55.272	0	33.493	527470000	70211000	1.09E+08	60871000	2.87E+08	9857400	12314000	96576000	13803000
Q9UC08	Q9UC08	Brain-specific angiogenesis inhibitor 1-associated TME4D5	BAIAP2	sp Q9UC08	12	12	12	0	8	12	0	8	12	0	8	12	0	8	12	29.3	52.693	0	26.379	526930000	0	98789000	24098000	4.04E+08	0	90879000	20330000	12101000
Q6NUK1	Q6NUK1	Calcium-binding mitochondrial carrier protein SC	SLC25A24	sp Q6NUK1	12	12	12	0	10	3	9	0	10	3	9	0	10	3	9	31.4	53.354	0	45.204	525930000	0	2.42E+08	3439600	2.8E+08	0	18977000	5422700	10781000
P21266	P21266	Glutathione S-transferase Mu 3	GSTM3	sp P21266	10	10	9	3	9	1	3	9	1	3	9	1	2	8	0	47.1	26.559	0	44.586	524820000	25065000	4.83E+08	0	16411000	13285000	53746000	0	13143000
P22087;A6	P22087	rRNA 2-O-methyltransferase fibrillarin	FBL	sp P22087	9	9	9	0	6	8	8	0	6	8	8	0	6	8	8	43	33.784	0	47.734	524280000	0	31074000	81115000	4.12E+08	0	5402400	20540000	17627000
Q9NQT5	Q9NQT5	Exosome complex component RRP40	EXOSC3	sp Q9NQT5	5	5	5	0	2	4	5	0	2	4	5	0	2	4	5	39.6	29.572	0	45.261	523530000	0	1.56E+08	33044000	3.34E+08	0	15279000	58251000	85979000
P41208;Q1	P41208	Centrin-2	CETN2	sp P41208	5	5	5	0	4	3	4	0	4	3	4	0	4	3	4	48.8	19.738	0	103.14	523270000	0	2.17E+08	18615000	2.88E+08	0	17580000	11176000	14698000
P53701	P53701	Cytochrome c-type heme lyase	HCCS	sp P53701	10	10	10	1	10	0	10	0	10	0	10	0	10	0	8	52.6	30.601	0	42.898	523010000	6028900	3.79E+08	0	1.38E+08	12819000	2960000	0	2678100
Q9H2M9	Q9H2M9	Rab3 GTPase-activating protein non-catalytic subunit RAB3GAP2	Q9H2M9	sp Q9H2M9	14	14	14	2	14	0	14	2	14	0	14	2	14	0	14	13.6	15.958	0	54.619	522760000	0	89551000	866060	4.32E+08	0	9008400	689980	16549000
Q95400	Q95400	CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2	sp Q95400	7	7	7	1	7	6	4	1	7	6	4	1	7	6	4	26.4	37.646	0	26.591	522400000	1207400	3.07E+08	45489000	1.69E+08	4944400	20263000	33272000	7284700
Q8BX55	Q8BX55	Histone-arginine methyltransferase CARM1	CARM1	sp Q8BX55	7	7	7	0	7	0	5	0	7	0	5	0	7	0	5	19.4	65.853	0	32.367	522240000	0	2.15E+08	0	3.07E+08	0	14802000	0	13977000
Q9Y4F3	Q9Y4F3	Transducin beta-like protein 2	TBL2	sp Q9Y4F3	7	7	7	3	5	5	7	3	5	5	7	3	5	5	7	23.5	49.797	0	30.046	521540000	9301800	7.5014000	36234000	4.01E+08	17093000	4884300	22724000	12053000
P13995	P13995	Bifunctional methyltetrahydrofolate dehydrogenase MTHFD2	MTHFD2	sp P13995	7	7	7	0	6	3	6	0	6	3	6	0	6	3	6	29.1	37.895	0	18.984	519920000	0	3.51E+08	1559100	1.67E+08	0	35466000	672810	27377000
P50995;P2	P50995	Annexin A11	ANXA11	sp P50995	6	6	6	1	5	2	7	1	5	2	7	1	5	2	7	13.1	54.389	0	18.646	519530000	217780	1.61E+08	1595100	3.57E+08	1926900	6289300	2156700	19777000
Q8WUX9	Q8WUX9	Charged multivesicular body protein 7	CHMP7	sp Q8WUX9	6	6	6	1	3	0	6	1	3	0	6	1	3	0	6	21.2	50.91	0	35.6	518150000	1.53E+08	29285000	0	3.86E+08	1.22E+08	31000000	0	16087000
Q16630	Q16630	Cleavage and polyadenylation specificity factor subunit CPSF6	CPSF6	sp Q16630	7	7	7	2	7	5	6	2	7	5	6	2	7	5	6	13.8	59.209	0	32.408	518040000	4058800	2.92E+08	12707000	2.09E+08	5311400	22060000	8747400	10831000
P30533	P30533	Alpha-2-macroglobulin receptor-associated protein LRPA1	LRPA1	sp P30533	11	11	11	1	10	8	9	1	10	8	9	1	10	8	9	38.1	41.465	0	32.604	517300000	450210	2.04E+08	15726000	2.97E+08	2271800	8730400	11117000	19093000
P41240;P4	P41240	Tyrosine-protein kinase CSK	CSK	sp P41240	11	11	11	1	11	0	10	1	11	0	10	1	11	0	10	28	50.704	0	28.659	516070000	88621	2.42E+08	0	2.74E+08	365610	28526000	0	3800000
A0A0B411Y9	A0A0B411Y9	ADA0B411V6;ADA0B411V0	IGHV3-72	sp A0A0B411Y9	1	1	1	0	1	0	1	0	1	0	1	0	1	0	5.9	13.203	0.004543	1.8751	515680000	7645000	0	508030000	0	7648500	0	340830000	0	0
Q9BRX2	Q9BRX2	Protein pelota homolog	PELO	sp Q9BRX2	8	8	8	1	8	3	8	1	8	3	8	1	8	3	8	27.3	43.359	0	97.745	514190000	901900	1.24E+08	13444000	3.75E+08	1453300	11338000	10235000	13317000
Q9BPX5	Q9BPX5	Actin-related protein 2/3 complex subunit 5-like 1	ARPC5L	sp Q9BPX5	5	3	3	0	4	1	4	0	2	1	3	0	2	1	3	49	16.41	0	73.525	512640000	0	98834000	2028700	4.12E+08	0	6977000	4537200	15501000
Q9GZ08;A	Q9GZ08;A	Microtubule-associated proteins 1A/1B light chain MAP1LC3E	MAP1LC3E	sp Q9GZ08	2	2	2	0	2	2	2	0	2	2	2	0	2	2	2	16.8	14.688	0	5.283	512260000	0	40791000	5867200	4.66E+08	0	3943500	3872000	18868000
Q94906	Q94906	Pre-mRNA-processing factor 6	PRPF6	sp Q94906	18	18	18	4	14	14	14	4	14	14	14	4	14	14	20	106.92	0	70.457	512140000	33116000	1.58E+08	41014000	3.1E+08	4141200	13654000	26065000	12450000	
Q00765	Q00765	Receptor expression-enhancing protein 5	REEP5	sp Q00765	5	5	5	0	5	2	4	0	5	2	4	0	5	2	4	21.7	21.493	0	11.458	510290000	0	2.07E+08	1748000	3.01E+08	0	16249000	1493900	14097000
Q9Y376;Q	Q9Y376	Calcium-binding protein 39	CAB39	sp Q9Y376	9	9	9	0	8	0	9	0	8	0	9	0	8	0	9	24.3	39.869	0	26.875	510150000	0	2.48E+08	0	2.62E+08	0	18209000	0	14425000
Q9H9A6	Q9H9A6	Leucine-rich repeat-containing protein 40	LRR40	sp Q9H9A6	12	12	12	0	10	0	11	0	10	0	11	0	10	0	11	25.6	68.249	0	36.395	508930000	0	2.39E+08	0	2.7E+08	0	19821000	0	11898000
Q9C0B1	Q9C0B1	Alpha-ketoglutarate-dependent dioxygenase FTO	FTO	sp Q9C0B1	8	8	8	0	8	0	8	0	8	0	8	0	8	0	8	22	58.281	0	31.305	508920000	0	1.74E+08	0	3.35E+08	0	19951000	0	14745000
Q7L0Y3	Q7L0Y3	Mitochondrial ribonuclease P protein 1	TRMT10C	sp Q7L0Y3	8	8	8	1	7	3	8	1	7	3	8	1	7	3	8	31.5	47.346	0	44.675	508700000	0	1.23E+08	7875800	3.78E+08	0	10021000	8092900	135

O75116	O75116	Rho-associated protein kinase 2	ROCK2	075116f	17	17	15	0	14	1	15	0	14	1	15	0	12	1	13	18.7	160.9	0	60.949	482810000	0	1.41E+08	1294100	3.4E+08	0	6345200	1938600	19042000	
Q8N304	Q8N304	EH domain-binding protein 1-like protein 1	EHPBP1L1	07Q8N30	16	16	16	0	1	4	16	0	1	4	16	0	1	4	16	21	161.57	0	84.275	481250000	0	8503800	28940000	4.4E+08	0	1996160	10859000	25594000	
Q8Y81	Q8Y81	pre-rRNA processing protein FTSJ3	FTSJ3	08Y81	13	13	13	1	9	10	8	1	9	10	8	1	9	10	8	24.1	96.855	0	44.456	479070000	578120	1.71E+08	101570000	2.06E+08	1245900	8385400	76062000	6662900	
Q9H1A4	Q9H1A4	Anaphase-promoting complex subunit 1	ANAPC1	09H1A	17	17	17	0	9	17	11	0	9	17	11	0	9	17	11	11.9	216.5	0	50.314	477610000	0	64269000	153340000	2.6E+08	0	9851000	97853000	11679000	
Q9UI26	Q9UI26	Importin-11	IPO11	09UI26	10	10	10	0	10	0	9	0	10	0	9	0	10	0	9	12.5	112.53	0	37.099	477470000	0	1.14E+08	0	3.6E+08	0	10099000	0	14899000	
Q9UIA5	Q9UIA5	tRNA (adenine(58)-N(1))-methyltransferase non-TRMT6	NCBP1	09UIA	11	11	11	1	7	4	11	1	7	4	11	1	7	4	11	36.8	55.799	0	39.926	476320000	3251200	1.19E+08	6112300	3.48E+08	8959400	9265500	5930800	8018900	
Q09161	Q09161	Nuclear cap-binding protein subunit 1	NCBP1	099161	8	8	8	1	8	2	7	1	8	2	7	1	8	2	7	14.1	91.838	0	20.562	476290000	27993000	2.05E+08	16196000	2.27E+08	34401000	18372000	3494500	10002000	
P13822	P13822	Phosphoenolpyruvate carboxykinase [GTP], mitox	PKC2	013822	7	7	7	0	0	6	0	7	0	6	0	7	0	6	14.1	70.698	0	31.281	476160000	0	2.79E+08	0	1.97E+08	0	21483000	0	8119400		
Q16943	Q16943	Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3	016943	9	9	9	0	8	7	9	0	8	7	9	0	8	7	9	35.8	36.926	0	59.899	475640000	0	2.02E+08	47148000	2.29E+08	0	21438000	25342000	12041000	
Q8NG73	Q8NG73	ADP-ribosylation factor GTPase-activating protein 1	ARFGAP1	08NG73	8	8	8	0	5	0	7	0	5	0	7	0	5	0	29.6	44.667	0	55.371	474780000	0	64218000	0	4.11E+08	0	6865400	0	15681000		
Q096V3	Q096V3	Nuclein	NCLN	096V3	12	12	12	0	10	2	10	0	10	2	10	0	10	2	10	31.3	62.974	0	43.116	474270000	0	1.07E+08	4816600	3.6E+08	0	8032900	5257800	14271000	
Q9H7D7	Q9H7D7	WD repeat-containing protein 26	WDR26	09H7D	11	11	11	0	10	3	10	0	10	3	10	0	10	3	10	19.7	72.123	0	25.102	473650000	0	2.05E+08	7391800	2.61E+08	0	14911000	4688300	14126000	
Q9Y673	Q9Y673	Dolichyl-phosphate beta-L-glucosyltransferase	ALGS	09Y673	4	4	4	0	4	1	2	0	4	1	2	0	4	1	2	18.8	36.946	0	17.158	472590000	0	1.3E+08	1791400	3.41E+08	0	6575500	0	18907000	
Q9H9I2	Q9H9I2	39S ribosomal protein L44, mitochondrial	MRPL44	09H9I	4	4	4	0	8	4	7	0	8	4	7	0	8	4	7	32.8	37.535	0	23.321	472510000	0	1.88E+08	885700	2.75E+08	0	13623000	8614500	11635000	
P30622	P30622	CAP-Gly domain-containing linker protein 1	CLIP1	030622	18	18	16	0	10	3	17	0	10	3	17	0	9	2	15	16	162.24	0	69.576	470880000	0	54690000	3582200	4.13E+08	0	3590400	5017600	15589000	
P49756	P49756	RNA-binding protein 25	RBM25	049756	8	8	8	3	8	5	8	3	8	5	8	3	8	5	8	13.2	100.18	0	23.171	470160000	24303000	1.25E+08	16721000	3.05E+08	28564000	1030900	13828000	6346300	
Q9UII2	Q9UII2	ATPase inhibitor, mitochondrial	ATPIF1	09UII2	2	2	2	0	1	2	2	0	1	2	2	0	1	2	2	17	12.249	0	4.4932	469840000	0	2.45E+08	5960700	2.19E+08	0	26760000	2374100	5455500	
P06703	P06703	Protein S100-A6	S100A6	06703	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	8.9	10.18	0.001163	2.8485	469620000	0	76171000	3192000	4.59E+08	0	601410	1074900	20099000	
Q4V328	Q4V328	GRIP1-associated protein 1	GRIPAP1	04V328	12	12	12	0	12	0	7	0	12	0	7	0	12	0	7	25.1	96.004	0	27.276	469100000	0	2.74E+08	0	1.95E+08	0	12329000	0	10841000	
Q9BYD1	Q9BYD1	39S ribosomal protein L13, mitochondrial	MRPL13	09BYD	5	5	5	1	4	0	5	1	4	0	5	1	4	0	5	35.4	20.692	0	23.639	468660000	0	1.85E+08	1707500	2.82E+08	0	12305000	3994100	12765000	
Q95983	Q95983	Methyl-CpG-binding domain protein 3	MBD3	095983	7	7	7	0	7	0	7	0	7	0	7	0	7	0	7	26.8	32.844	0	26.713	467690000	0	2.36E+08	0	2.32E+08	0	23251000	0	7085600	
P35221	P35221	Catenin alpha-11	CTNNA1	035221	11	11	8	0	10	6	8	0	10	6	8	0	7	4	5	21.4	104.007	0	139.96	467260000	0	1.43E+08	10075000	3.14E+08	0	10317000	7576900	14404000	
Q9NXG2	Q9NXG2	THUMP domain-containing protein 1	THUMPD1	09NXG	7	7	7	0	1	6	0	1	6	0	1	6	0	1	6	29.2	39.315	0	24.522	466900000	0	1.79E+08	2145600	2.86E+08	0	13133000	3046100	12792000	
Q9NPD3	Q9NPD3	Exosome complex component RRP41	EXOSC4	09NPD	6	6	6	1	6	4	4	1	6	4	4	1	6	4	29.8	26.383	0	27.328	466830000	704700	2.37E+08	3162400	1.98E+08	0	16116000	2258900	11537000		
Q724H8	Q724H8	KDEL motif-containing protein 2	KDELTC1	0724H	3	3	3	0	3	0	3	0	3	0	3	0	3	0	7.5	58.572	0	16.706	466560000	0	83346000	0	3.82E+08	0	8871200	0	41198000		
Q15269	Q15269	Serine palmitoyltransferase 1	SPTLC1	015269	7	7	7	0	3	4	5	0	3	4	5	0	3	4	5	20.1	52.743	0	17.161	466560000	0	1.12E+08	18109000	3.36E+08	0	9538900	12754000	13527000	
Q9P9I2	Q9P9I2	ER membrane protein complex subunit 3	EMC3	09P9I	5	5	5	1	5	0	5	1	5	0	5	1	5	0	5	25.7	29.952	0	57.95	465210000	553340	1.15E+08	0	3.49E+08	1112100	4558400	0	19409000	
P50281	P50281	Matrix metalloproteinase-14	MMP14	050281	4	4	4	0	4	4	0	4	0	4	4	0	4	0	4	10.1	65.893	0	16.931	465020000	0	0	19564000	4.55E+08	0	11955000	0	19512000	
O96A26	O96A26	Protein FAM162A	FAM162A	096A2	5	5	5	1	5	3	1	5	3	1	5	3	1	5	3	35.1	17.342	0	72.977	464820000	1176000	3.03E+08	3607900	1.59E+08	1403000	2494000	3073000	7328000	
O15173	O15173	Membrane-associated progesterone receptor coregulator 1	PRGRC2	015173	6	6	6	1	6	0	4	1	6	0	4	1	6	0	4	30.5	23.818	0	31.744	464440000	1144100	3.04E+08	0	1.6E+08	1914600	27133000	0	4974000	
Q96DH6	Q96DH6	RNA-binding protein Musashi homolog 2	MSI2	096DH	6	6	6	1	3	0	6	1	3	0	6	1	3	0	6	25.6	35.196	0	19.138	463510000	0	3.32E+08	723080	1.31E+08	0	3082800	893070	3388100	
Q9NUO8	Q9NUO8	ATP-binding cassette sub-family F member 3	ABCF3	09NUC	8	8	8	0	5	2	7	0	5	2	7	0	5	2	7	15.9	79.744	0	26.174	463290000	0	57675000	1570500	4.04E+08	0	6462100	0	15275000	
Q14738	Q14738	Serine/threonine-protein phosphatase 2A 56 kDa	PPP2R5D	014738	8	8	6	0	7	1	8	0	7	1	8	0	6	20.8	69.991	0	21.563	462860000	0	1.12E+08	5264400	3.46E+08	0	9512600	5060200	13037000			
P41214	P41214	Eukaryotic translation initiation factor 2D	EIF2D	041214	12	12	12	0	12	2	9	0	12	2	9	0	12	2	9	32	64.706	0	30.484	462520000	0	2.27E+08	1123100	2.34E+08	0	18257000	690890	11462000	
O60264;P2	O60264	SWI/SNF-related matrix-associated actin-dependent remodeling complex subunit 2	SMARCA5	060264	17	17	17	0	15	10	15	0	15	10	15	0	15	10	15	17.3	121.9	0	36.302	461740000	0	1.55E+08	1927400	2.88E+08	0	10138000	18286000	10003000	
O00273	O00273	DNA fragmentation factor subunit alpha	DFFA	000273	8	8	8	0	1	7	0	1	7	0	1	7	0	1	7	37.2	36.521	0	30.643	460810000	0	1.75E+08	1058600	2.85E+08	0	17407000	0	9740200	
Q9H6T3	Q9H6T3	RNA polymerase II-associated protein 3	RPAP3	09H6T	10	10	10	1	7	4	9	1	7	4	9	1	7	4	9	23.5	75.718	0	40.18	460720000	1059600	1.11E+08	1752200	3.41E+08	2483900	11399000	5119900	10708000	
Q9BQ58	Q9BQ58	YYE and coiled-coil domain-containing protein 1	FYCO1	09BQ5	26	26	26	2	3	25	14	3	25	14	3	25	14	3	25	14	24.6	166.98	0	75.692	460050000	35609000	2.5110000	15184000	2.48E+08	33906000	2249100	10859000	5266000
P18564	P18564	Integrin beta-6	ITGB6	018564	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1.1	85.935	0.003292	2.0834	459750000	0	12990000	3558500	4.43E+08	0	1145000	2391300	18227000	
O00629	O00629	Importin subunit alpha-3	KPNA4	000629	8	4	4	1	6	1	7	0	6	1	7	0	4	21.5	57.886	0	58.059	458400000	0	1.45E+08	0	0	3.13E+08	0	12002000	0	13677000		
Q9Y5Y2	Q9Y5Y2	Cytosolic Fe-S cluster assembly factor NUBP2	NUBP2	09Y5Y	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	21.4	28.825	0	20.867	457800000	0	1.92E+08	0	2.66E+08	0	14009000	0	13838000	
Q8I2P0	Q8I2P0	Abi interactor 1	ABI1	08I2P	10	10	10	0	9	3	8	0	9	3	8	0	7	2	6	26	55.08	0	32.894	456600000	0	1.91E+08	5491100	2.6E+08	0	17639000	1581500	12000000	
Q9HC07	Q9HC07	Transmembrane protein 165	TMEM165	09HC0	4	4	4	0	3	4	0	3	4	0	3	4	0	3	4	19.4	34.905	0	53.046	454410000	0	56163000	19879000	3.79E+					

Q8I283	Q8I283	Aldehyde dehydrogenase family 16 member A1	ALDH16A1	sp Q8I283	9	9	9	0	9	1	4	0	9	1	4	0	9	1	4	18.2	85.126	0	29.949	431350000	0	2.79E+08	771210	1.51E+08	0	20012000	0	10831000	
P61009	P61009	Signal peptidase complex subunit 3	SPCS3	sp P61009	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	12.8	20.313	0	11.933	431310000	0	1.75E+08	2675000	2.54E+08	0	11204000	2431700	7873200	
P19388	P19388	DNA-directed RNA polymerases I, II, and III subunit POLR2E	POLR2E	sp P19388	3	3	3	0	3	3	2	0	3	3	2	0	3	3	2	16.7	24.551	0	17.667	430560000	0	1.38E+08	12213000	2.8E+08	0	10127000	12219000	9548800	
Q9H0A8	Q9H0A8	COMM domain-containing protein 4	COMM04	sp Q9H0A8	5	5	5	0	2	0	5	0	2	0	5	0	2	0	5	33.7	21.764	0	9.4591	429890000	0	7059500	0	4.23E+08	0	2862500	0	15149000	
Q99816	Q99816	Tumor susceptibility gene 101 protein	TSG101	sp Q99816	7	7	7	0	6	3	7	0	6	3	7	0	6	3	7	24.9	43.944	0	24.884	429540000	0	1.19E+08	4466400	3.06E+08	0	9825000	4324300	11941000	
Q9UI09	Q9UI09	NADH dehydrogenase [ubiquinone] 1 alpha subunit NDUFA12	NDUFA12	sp Q9UI09	8	8	8	1	6	1	6	1	6	1	6	1	6	1	6	67.6	17.114	0	22.845	429480000	1847900	1.38E+08	802830	2.89E+08	0	12319000	865500	11388000	
O95197	O95197	Reticulon-3	RTN3	sp O95197	3	3	3	1	3	2	3	1	3	2	3	1	3	2	3	5.6	11.621	0	13.119	429120000	588460	1.82E+08	3087300	2.44E+08	1029300	15594000	1015200	11072000	
Q13630	Q13630	GDP-L-fucose synthase	TLTA3	sp Q13630	6	6	6	0	5	0	6	0	5	0	6	0	5	0	6	22.1	35.892	0	15.569	428510000	0	1.22E+08	0	3.06E+08	0	11260000	0	12166000	
Q9NY77	Q9NY77	Elongation of very long chain fatty acids protein 5	ELOVL5	sp Q9NY77	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	13.4	35.293	0	14.113	428300000	0	53668000	12809000	3.62E+08	0	4986400	9072700	13552000	
Q9H9Q2	Q9H9Q2	CF9 signalosome complex subunit 7b	CF9F7B	sp Q9H9Q2	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	27.3	29.622	0	30.823	428110000	0	1.71E+08	0	2.57E+08	0	15750000	0	9990400	
O96000	O96000	NADH dehydrogenase [ubiquinone] 1 beta subunit NDUFB10	NDUFB10	sp O96000	5	5	5	0	5	2	5	0	5	2	5	0	5	2	5	37.2	20.776	0	14.704	428090000	0	1.83E+08	1501200	2.44E+08	0	17386000	3559000	61892000	
O94915	O94915	Protein furlin homolog-like	FRYL	sp O94915	15	15	15	0	2	1	15	0	2	1	15	0	2	1	15	7	339.59	0	47.522	427850000	0	6960000	559960	4.2E+08	0	371400	300950	17624000	
Q8IWB9	Q8IWB9	Testis-expressed sequence 2 protein	TEX2	sp Q8IWB9	15	15	15	4	2	15	4	2	15	4	2	15	4	2	15	4	20.7	125.3	0	42.244	427770000	2270600	3373200	376120000	4600000	328810	148160	256280000	451410
O95218	O95218	Zinc finger Ran-binding domain-containing protein ZRANB2	ZRANB2	sp O95218	8	8	8	0	5	8	6	0	5	8	6	0	5	8	6	27.6	37.340	0	36.92	427660000	0	81570000	21588000	1.29E+08	0	11583000	14062000	6482800	
Q9UKD2	Q9UKD2	mRNA turnover protein 4 homolog	MRT04	sp Q9UKD2	6	6	6	0	5	5	5	0	5	5	5	0	5	5	5	32.2	27.56	0	32.047	426980000	0	1.2E+08	19128000	2.88E+08	0	8642400	16407000	10226000	
O14562	O14562	Ubiquitin domain-containing protein UBFD1	UBFD1	sp O14562	5	5	5	0	4	0	4	0	4	0	4	0	4	0	4	27.2	33.382	0	19.897	426770000	0	1.36E+08	0	2.91E+08	0	1425300	0	9699200	
Q9H3K2	Q9H3K2	Growth hormone-inducible transmembrane protein GHITM	GHITM	sp Q9H3K2	6	6	6	1	6	0	5	1	6	0	5	1	6	0	5	15.1	37.205	0	19.57	426500000	338310	2.27E+08	0	2E+08	483040	20681000	3756900		
Q9NWX4	Q9NWX4	UPFD609 protein C4orf27	C4orf27	sp Q9NWX4	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	14.7	39.436	0	10.661	426340000	0	1.15E+08	0	3.12E+08	0	1031000	0	12578000	
Q96EK5	Q96EK5	KIF1-binding protein	KIAA1279	sp Q96EK5	8	8	8	0	6	0	7	0	6	0	7	0	6	0	7	24	71.813	0	48.93	426270000	0	1.35E+08	0	2.91E+08	0	12925000	0	10956000	
O43252	O43252	Bifunctional 3-phosphoadenosine 5-phosphosulfate PAPS1	PAPS1	sp O43252	9	9	9	0	9	0	9	0	9	0	9	0	9	0	9	18.9	70.832	0	21.245	425650000	0	69589000	0	3.56E+08	0	8824500	0	11953000	
Q5XKPO	Q5XKPO	Protein QIL1	QIL1	sp Q5XKPO	3	3	3	0	3	2	3	1	3	2	3	1	3	2	3	41.5	13.087	0	29.036	424740000	6357200	7933300	7907200	3.31E+08	9748900	6497500	7333300	8703800	
P45954	P45954	Short/brachy chain specific acyl-CoA dehydrogenase ACADS8	ACADS8	sp P45954	8	8	8	1	8	0	6	1	8	0	6	1	8	0	6	28.5	47.485	0	24.412	424130000	0	72889000	2.86E+08	0	65388000	0	24109000	0	3777700
Q13158	Q13158	FAS-associated death domain protein	FADD	sp Q13158	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	20.7	23.279	0	32.122	420110000	0	30113000	0	3.9E+08	0	4677700	0	14017000	
Q9NRF8	Q9NRF8	CTP synthase 2	CTPS2	sp Q9NRF8	9	9	9	0	1	9	1	7	1	6	0	5	1	6	0	5	23.9	65.677	0	20.902	419820000	148670	2.21E+08	0	1.99E+08	302990	25504000	0	1989900
Q5VW32	Q5VW32	BRO1 domain-containing protein BROX	BROX	sp Q5VW32	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	23.6	46.476	0	15.998	419510000	0	1.82E+08	0	2.37E+08	0	16872000	0	8961600	
O00743	O00743	Serine/threonine-protein phosphatase 6 catalytic PPP6C	PPP6C	sp O00743	6	6	6	0	5	3	6	0	5	3	6	0	5	3	6	24.3	35.144	0	19.594	419040000	0	1.44E+08	8794400	2.67E+08	0	9752000	7568700	11875000	
O75122	O75122	CLIP-associating protein 2	CLASP2	sp O75122	14	14	14	12	7	6	14	0	7	6	14	0	7	6	14	51.45	41842000	0	80550000	10513000	2.27E+08	0	1.44E+08	10513000	3.27E+08	0	8147600	1066000	8874500
Q9P1F3	Q9P1F3	Costars family protein ABRACL	ABRACL	sp Q9P1F3	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	19.8	9.0564	0	6.5244	418290000	0	1.22E+08	0	2.9E+08	0	10761000	0	12182000	
O53T59	O53T59	HCL15-binding protein 3	HS1BP3	sp O53T59	5	5	5	0	4	0	5	0	4	0	5	0	4	0	5	23.5	42.78	0	59.702	417600000	0	3.3E+08	0	3.6E+08	0	10669000	0	12384000	
Q99538	Q99538	Legumain	LGMN	sp Q99538	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	6.5	49.411	0	7.497	417410000	0	33040000	2037400	8.32E+08	0	6473400	4438400	9093300	
Q96B7C	Q96B7C	Dedicator of cytokinesis protein 10	DOCK10	sp Q96B7C	17	17	17	1	0	1	17	1	0	1	17	1	0	1	17	11.3	249.53	0	106.53	417390000	455100	0	441070	4.17E+08	271810	0	219350	17389000	0
Q9Y388	Q9Y388	Oligoribonuclease, mitochondrial	REX02	sp Q9Y388	3	3	3	0	3	1	2	0	3	1	2	0	3	1	2	15.2	26.832	0	11.197	417390000	0	1.77E+08	924900	2.39E+08	0	16699000	2795800	6579700	
P18858	P18858	DNA ligase 1	LIG1	sp P18858	14	14	14	0	13	0	11	0	13	0	11	0	13	0	11	22.2	101.73	0	34.498	417240000	0	2.23E+08	0	1.94E+08	0	18481000	0	9193000	
Q08AF3	Q08AF3	Schlafen family member 5	SLFN5	sp Q08AF3	12	12	12	0	7	12	0	7	12	0	7	12	0	7	12	15.7	101.05	0	28.996	415960000	0	870850	25745000	3.89E+08	0	347370	5692600	27350000	
O43290	O43290	U4/U6,U5 tri-snRNP-associated protein 1	SART1	sp O43290	14	14	14	1	10	11	9	1	10	11	9	1	10	11	9	28	20.254	0	40.032	415690000	2069700	9887700	68816000	2.46E+08	2897900	7637200	9122000	7486400	
Q01469	Q01469	Fatty acyl-binding protein, epidermal	FABP5	sp Q01469	3	3	3	0	3	3	3	0	3	3	3	0	3	3	3	20.7	15.164	0	8.4771	415110000	0	2.04E+08	3545000	1.76E+08	0	21014000	20335000	7497700	
Q9GZ53	Q9GZ53	WD repeat-containing protein G1;WD repeat-cont	WDR61	sp Q9GZ53	4	4	4	0	4	1	3	0	4	1	3	0	4	1	3	28.3	33.58	0	45.313	414510000	0	2.26E+08	640500	1.82E+08	0	14602000	5985700	11109000	
Q9P210	Q9P210	Cleavage and polyadenylation specificity factor subunit 2	PSF2	sp Q9P210	9	9	9	1	3	1	9	1	3	1	9	1	3	1	9	21	88.486	0	40.456	414220000	1308600	2580000	896240	3.86E+08	1322100	2742700	896930	15107000	
Q8WYA6	Q8WYA6	Beta-catenin-like protein 1	CTNBL1	sp Q8WYA6	9	9	9	0	7	2	9	0	7	2	9	0	7	2	9	18.7	65.173	0	50.827	413770000	0	1.68E+08	8915800	2.37E+08	0	10455000	10283000	9801300	
Q9Y2X3	Q9Y2X3	Nucleolar protein 58	NOP58	sp Q9Y2X3	10	10	10	1	6	8	9	1	6	8	9	1	6	8	9	25.7	59.578	0	29.311	413700000	1124800	3296000	43577000	3.36E+08	1606800	3421000	35366000	6570000	
Q6ZRP7	Q6ZRP7	Sulphydryl oxidase 2	QSOX2	sp Q6ZRP7	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	8.6	77.528	0	26.281	413670000	0	29474000	0	3.84E+08	0	3221400	0	15177000	
Q13671	Q13671	Ras and Rab interactor 1	RMI1	sp Q13671	11	11	11	0	6	11	0	6	11	0	6	11	0	6	11	20.3	84.098	0	43.16	413180000	0	4185800	8571700	4E+08	0	7439900	14788000	0	
Q08378	Q08378	Golgin subfamily A member 3	GOLGA3	sp Q08378	20	20	20	1	15	2	18	1	15	2	18	1	15	2	18	18.5	167.35	0	61.13	413040000	493820	1.29E+08	2231						

P14927	P14927	Cytochrome b-c1 complex subunit 7	UQCRCB	sp P14927	4	4	4	1	4	1	3	1	4	1	3	38.7	13.53	0	17.006	386690000	2306100	2.28E+08	897370	1.55E+08	2912200	21775000	811030	3904900	
P33121	P33121	Long-chain-fatty-acid-CoA ligase 1	ACS1L1	sp P33121	11	11	0	6	1	11	0	6	1	11	17.9	77.942	0	34.758	386230000	0	43752000	500810	3.42E+08	0	3570000	6403000	1047000	11367000	
P33111	Q96E11	Ribosome-recycling factor, mitochondrial	MRRF	sp Q96E11	5	5	1	4	0	5	1	4	0	5	26.7	29.277	0	33.361	385970000	0	1.81E+08	10129000	1.95E+08	0	10370000	14192000	5582800	80958000	
P52732	P52732	Kinesin-like protein KIF11	KIF11	sp P52732	9	9	2	9	0	6	2	9	0	6	10.9	119.16	0	21.766	384080000	6011500	2.33E+08	0	1.45E+08	7850900	16562000	0	8095800		
Q81X04	Q81X04	Ubiquitin-conjugating enzyme E2 variant 3	UEVLD	sp Q81X04	6	6	6	2	1	6	0	2	1	6	15.3	52.263	0	7.6721	383990000	0	1.53E+08	987950	2.3E+08	0	16301000	1387200	5908800		
Q9Y315	Q9Y315	Deoxyribose-phosphate aldolase	DERA	sp Q9Y315	5	5	2	5	3	5	2	5	3	5	23.6	35.23	0	24.499	383270000	73076000	1.1E+08	9815000	1.91E+08	63868000	13130000	11855000	8328000		
Q96GA7	Q96GA7	Serine dehydratase-like	SDSL	sp Q96GA7	4	4	4	1	3	0	4	1	3	0	20.1	34.674	0	43.711	382970000	819060	31393000	0	3.51E+08	5667000	2165500	0	10179000		
Q96D85	Q96D85	Regulator of microtubule dynamics protein 1	RMDN1	sp Q96D85	8	8	8	0	8	0	8	0	8	0	6	27.7	35.808	0	47.437	381910000	0	1.9E+08	0	1.92E+08	0	13793000	0	10831000	
Q01581;P0	Q01581	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	HMGCS1	sp Q01581	10	10	10	0	8	0	10	0	8	0	10	27.5	57.293	0	31.538	381280000	0	1.09E+08	0	2.72E+08	0	10762000	0	10045000	
P30740	P30740	Leukocyte elastase inhibitor	SERPINB1	sp P30740	8	8	0	7	0	8	0	7	0	8	30.3	42.741	0	40.571	380330000	0	95361000	0	1.85E+08	0	8758200	0	11367000		
Q76031	Q76031	ATP-dependent GTP-protease ATP-binding subunit CLPX	CLPX	sp Q76031	11	11	1	9	1	10	1	9	1	10	25.3	69.223	0	33.292	379990000	1955500	1.42E+08	1804000	2.35E+08	3345000	11356000	1727300	8871200		
Q8BTU6	Q8BTU6	Phosphatidylinositol 4-kinase type 2-alpha	PI4K2A	sp Q8BTU6	14	14	1	9	1	0	12	0	12	0	42	54.022	0	33.066	379690000	0	60325000	0	1.89E+08	0	8167000	0	12265000		
Q5JWF2;P	Q5JWF2	Guanine nucleotide-binding protein (G) subunit: iGNAS	GNAS	sp Q5JWF2	8	7	7	1	7	6	7	1	6	5	6	8.6	111.02	0	21.656	379450000	13488000	98338000	15090000	2.53E+08	11613000	14194000	7955000	9280500	
Q9Y371	Q9Y371	Endophilin-81	SH3GLB1	sp Q9Y371	6	6	0	4	0	5	0	4	0	5	24.7	40.796	0	32.548	379160000	0	1.73E+08	0	2.06E+08	0	16787000	0	6958700		
Q9NW13	Q9NW13	RNA-binding protein 28	RBM28	sp Q9NW13	12	12	12	0	7	10	10	0	7	10	20.6	85.737	0	35.535	378510000	0	44986000	59384000	2.74E+08	0	516200	40002000	10037000		
P46976	P46976	Glycogenin-1	GYG1	sp P46976	6	6	6	0	5	3	6	0	5	3	6	16.3	39.383	0	22.995	378460000	0	1.47E+08	31475000	2E+08	0	12964000	22096000	7258100	
Q9Y5P6	Q9Y5P6	Mannose-1-phosphate guanylyltransferase beta	GMPPB	sp Q9Y5P6	7	7	7	0	3	0	7	0	3	0	7	30	39.834	0	22.401	378390000	0	87304000	0	2.91E+08	0	8975800	0	10691000	
P50579	P50579	Methionine aminopeptidase 2	METAP2	sp P50579	7	7	7	2	6	7	2	6	7	0	7	22.8	52.891	0	54.617	378070000	0	2.28E+08	1491000	1.48E+08	0	16925000	3616600	10269000	
Q5T6V5	Q5T6V5	UPF0553 protein C9orf64	C9orf64	sp Q5T6V5	8	8	8	0	7	0	7	0	7	0	7	25.2	39.028	0	20.09	378040000	0	1.33E+08	0	2.45E+08	0	12284000	0	9537000	
Q8WX92	Q8WX92	Negative elongation factor B	NELFB	sp Q8WX92	7	7	7	0	6	1	4	0	6	1	4	18.3	65.697	0	20.183	378020000	0	1.49E+08	573690	2.28E+08	0	18139000	911440	3886700	
Q9UI30	Q9UI30	Multifunctional methyltransferase subunit TRM112	TRM112	sp Q9UI30	4	4	4	0	3	2	4	0	3	2	4	37.6	14.199	0	23.958	377670000	0	51623000	4257600	3.22E+08	0	4782200	4732000	11132000	
Q92609	Q92609	TBC1 domain family member 5	TBC1D5	sp Q92609	9	9	9	0	4	9	0	4	9	0	9	22.8	89.003	0	52.441	377400000	0	14625000	6245600	3.57E+08	0	3773400	507900	11347000	
Q9H8Y8;Q	Q9H8Y8	Golgi reassembly-stacking protein 2	GORASP2	sp Q9H8Y8	6	6	6	0	6	0	6	0	6	0	5	22.8	47.145	0	21.039	376450000	0	1.45E+08	0	2.32E+08	0	86311000	22355000	9092500	
Q4KMP7	Q4KMP7	TBC1 domain family member 10B	TBC1D10B	sp Q4KMP7	10	10	10	0	8	8	10	0	8	8	10	23.8	87.198	0	28.295	375920000	0	99929000	32365000	2.44E+08	0	18317000	22355000	9619000	
PC0CL4;P0	PC0CL4;P0	Complement C4-A;Complement C4 beta chain;C4A	C4A;C4B	sp PC0CL4	7	4	4	3	0	4	3	0	4	3	0	5.6	192.78	0	27.27	375840000	2.15E+08	0	160500000	0	1.7E+08	0	152800000	0	0
Q13042	Q13042	Cell division cycle protein 16 homolog	CDC16	sp Q13042	12	12	12	0	2	12	3	0	2	12	3	34.2	71.655	0	38.079	375580000	0	12958000	302680000	59947000	0	812820	19939000	1718700	
P50583	P50583	Bic5-nucleosyl)-tetrahydrophosphate [asymmetrical]	NUDT7	sp P50583	2	2	2	0	2	0	2	0	2	0	2	23.1	16.829	0	15.028	375090000	0	44126000	0	3.31E+08	0	5524100	0	11977000	
Q5UIP0	Q5UIP0	Telomere-associated protein RIF1	RIF1	sp Q5UIP0	11	11	11	0	10	5	6	0	10	5	6	6.3	274.46	0	30.283	374590000	0	1.66E+08	26551000	1.82E+08	0	9831000	23639900	6480500	
Q8NFH4	Q8NFH4	Nucleoporin Nup37	NUP37	sp Q8NFH4	4	4	4	0	3	0	4	0	3	0	4	14.1	36.707	0	12.829	373640000	0	26769000	0	3.47E+08	0	3679400	0	12945000	
P26440	P26440	Isovaleryl-CoA dehydrogenase, mitochondrial	IVD	sp P26440	9	9	9	0	8	1	8	0	8	1	8	31.9	46.65	0	55.463	373500000	0	1.51E+08	1000300	2.21E+08	0	11272000	0	10275000	
Q32P41	Q32P41	RNA [guanine(37)-N1]-methyltransferase	TRMT5	sp Q32P41	7	7	7	0	4	0	7	0	4	0	7	22.2	58.246	0	34.835	373420000	0	48879000	0	3.25E+08	0	6890800	0	10765000	
O43488;Q	O43488	Aflatoxin B1 aldehyde reductase member 2	AKR7A2	sp O43488	6	6	6	0	6	0	4	0	6	0	4	14.5	39.589	0	22.507	373060000	0	1.26E+08	0	1.47E+08	0	11204000	0	10067000	
Q9BTE7;Q	Q9BTE7	DCN1-like protein 5	DCUN1D5	sp Q9BTE7	7	7	7	1	5	0	7	1	5	0	7	32.5	27.508	0	29.17	372960000	0	2.51E+08	3967200	1.18E+08	0	22215000	3882500	3568200	
P68402	P68402	Platelet-activating factor acetylhydrolase IB subunit PAFAH1B2	PAFAH1B2	sp P68402	2	2	2	0	2	0	2	0	2	0	2	12.2	25.569	0	23.664	372230000	0	2.78E+08	0	93796000	0	24928000	0	3472900	
P10619	P10619	Lysosomal protective protein;Lysosomal protectin CTSA	CTSA	sp P10619	4	4	4	0	3	3	4	0	3	3	4	9.4	54.465	0	9.9129	371910000	0	18333000	14089000	3.39E+08	0	1947700	9618300	13481000	
P30876	P30876	DNA-directed RNA polymerase II subunit RPB2	POLR2B	sp P30876	12	12	12	0	6	8	11	0	6	8	11	13.4	133.9	0	42.242	371910000	0	48894000	18031000	3.05E+08	0	5034600	14889000	9046300	
A6ND36	A6ND36	Protein FAM83G	FAM83G	sp A6ND36	15	15	15	0	15	3	0	15	3	0	15	3	20.8	90.834	0	36.366	371690000	1.94E+08	0	155690000	21664000	67497000	0	222230000	5648400
Q8N335	Q8N335	Glycerol-3-phosphate dehydrogenase 1-like prote	GDPL1	sp Q8N335	7	7	7	0	6	0	5	0	6	0	5	26.5	38.418	0	15.586	371640000	0	1.18E+08	0	2.53E+08	0	13232000	0	7616600	
Q9P003	Q9P003	Protein cornichon homolog 4	CNIH4	sp Q9P003	1	1	1	1	1	1	1	1	1	1	1	14.4	16.093	0	9.7147	371040000	0	1.01E+08	4629600	2.65E+08	0	8939600	3111100	1089800	
Q81WX8	Q81WX8	Calcium homeostasis endoplasmic reticulum prot	CHERP	sp Q81WX8	10	10	10	0	10	4	6	0	10	4	6	15.7	103.7	0	26.172	370580000	0	2.23E+08	15861000	1.32E+08	0	13072000	15047000	6230100	
Q11349	Q11349	Golgin subfamily A member 4	GOLGA4	sp Q11349	18	18	18	1	4	1	18	1	4	1	18	10.4	261.14	0	60.103	370350000	38857000	16167000	472310	3.5E+08	1846300	1681800	527690	19599000	
Q9UL63	Q9UL63	Muskelin	MKLN1	sp Q9UL63	8	8	8	1	2	2	8	1	2	2	8	19.5	84.767	0	85.541	370160000	1528200	19521000	3991400	3.45E+08	1303500	800110	2833100	15188000	
P46734	P46734	Dual specific tyrosine mitogen-activated protein kinase	MAP2K3	sp P46734	6	6	6	5	4	1	6	0	4	1	6	23.9	39.318	0	23.96	370110000	0	37627000	652940	3.32E+08	0	2286800	624310	14491000	
Q9BYC4	Q9BYC4	Protein PBD1	PBD1	sp Q9BYC4	6	6	6	0	5	2	6	0	5	2	6	42.9	26.056	0	38.307	370110000	0	98796000	855040	2.7E+08	0	11718000	1466300	7327400	
Q00169	Q00169	Phosphatidylinositol transfer protein alpha isoform	PITPNA	sp Q00169	6	6	6	0	6	0	5	0	6	0	5	29.3	31.806	0	57.192	368940000	0	1.61E+08	0	2.08E+08	0	12764000	0	9997500	
Q9NXR7	Q9NXR7	BRC4-A complex subunit BRE	BRE	sp Q9NXR7	5	5	5	0	4	0	5	0	4	0	5	23	43.551	0	39.811	368930000	0	1.56E+08	0	2.13E+08	0	13539000	0	8925000	
Q9P015	Q9P015	39S ribosomal protein L15, mitochondrial	MRPL15	sp Q9P015	6	6	6	1	4	3	6	1	4	3	6	26.7	33.419	0	12.256	368600000	1041800	97653000	9919000						

Q9BZF1	Q9BZF1	Oxysterol-binding protein-related protein 8	OSBPL8	sp Q9BZF1	6	6	6	0	6	2	6	0	6	2	6	9.9	101.19	0	22.588	354000000	0	97571000	4093100	2.52E+08	0	8229700	3610400	9889900		
Q14181	Q14181	DNA polymerase alpha subunit B	POLA2	sp Q14181	5	5	5	0	5	0	3	0	5	0	3	12.2	65.947	0	18.478	353870000	0	1.8E+08	0	1.74E+08	0	14830000	0	8172600		
Q9B4V4	Q9B4V4	THUMP domain-containing protein 3	THUMPD3	sp Q9B4V4	5	5	5	0	2	1	5	0	2	1	5	12.8	57.002	0	18.802	353860000	0	27583000	2669600	3.24E+08	0	3764400	2593500	11176000		
P63167;Q6	P63167;Q6	Dynein light chain 1, cytoplasmic;Dynein light chain 1	DYLL1L1;D1	sp P63167	2	2	2	1	2	2	2	1	2	2	2	37.1	10.366	0	23.171	353500000	17588000	49024000	7900200	2.79E+08	27922000	2106900	2917900	5744700		
Q8N127	Q8N127	THO complex subunit 4	THOC2	sp Q8N127	10	10	10	0	10	4	10	4	10	4	10	4	5	6.5	18.277	0	19.901	352960000	0	2E+08	0	1.46E+08	0	16335000	6470100	5509700
Q9Y312	Q9Y312	Protein AAR2 homolog	AAR2	sp Q9Y312	5	5	5	0	5	2	3	0	5	2	3	21.4	43.472	0	25.276	352830000	0	91458000	7335500	2.54E+08	0	5475400	5848300	12115000		
Q9NRY5	Q9NRY5	Protein FAM114A2	FAM114A2	sp Q9NRY5	6	6	6	0	5	0	5	0	5	0	5	5	18.6	55.468	0	43.147	352800000	0	86239000	0	2.67E+08	0	8904500	0	9660000	
Q9BRK5	Q9BRK5	45 kDa calcium-binding protein	SDF4	sp Q9BRK5	5	5	5	0	4	4	5	0	4	4	5	21.3	41.806	0	14.766	352710000	0	35022000	16799000	3.01E+08	0	8485900	8449900	9814800		
Q9Y3L5	Q9Y3L5	Ras-related protein Rap-2c	RAP2C	sp Q9Y3L5	3	3	3	0	2	0	3	0	2	0	3	2	25.7	20.745	0	128.56	352440000	0	44728000	0	3.08E+08	0	8212600	0	8385000	
Q75223	Q75223	Gamma-glutamylcystyltransferase	GGCT	sp Q75223	5	5	5	0	4	4	4	4	4	4	4	38.3	21.007	4992400	38.3	37.1	352380000	0	1.86E+08	48795000	1.12E+08	7259600	20199000	25933000	5427700	
P63279	P63279	SUMO1-conjugating enzyme UBCE9	UBCE1	sp P63279	4	4	4	0	4	0	4	0	4	0	4	22.8	18.007	0	10.026	352000000	0	2.1E+08	0	1.42E+08	0	18834000	0	5533400		
Q27AL8	Q27AL8	Glutamine-rich protein 7	QRICH1	sp Q27AL8	7	7	7	0	6	0	6	0	6	0	6	16.4	86.435	0	24.804	351510000	0	1.46E+08	0	2.06E+08	0	1174000	0	10144000		
Q9NQ50	Q9NQ50	39S ribosomal protein L40, mitochondrial	MRPL40	sp Q9NQ50	3	3	3	0	3	2	2	0	3	2	2	25.7	24.49	0	20.081	351320000	0	1.92E+08	11249000	1.48E+08	0	12840000	6182800	10305000		
P24928	P24928	DNA-directed RNA polymerase II subunit RPB1	POLR2A	sp P24928	14	14	14	2	5	2	14	2	5	2	14	12.3	21.17	0	40.883	350190000	1638100	28080000	1779400	3.19E+08	1245100	2079100	1063800	14028000		
Q5TRP6	Q5TRP6	RNA-binding protein 26	RBM26	sp Q5TRP6	12	12	11	4	11	5	9	4	11	5	9	4	8	12.9	113.6	0	28.408	349310000	6202400	1.92E+08	6320100	1.44E+08	6186200	17805000	4490400	4862900
Q9Y6E0	Q9Y6E0	Serine/threonine protein kinase 24;Serine/threor	STK24	sp Q9Y6E0	10	4	4	1	9	3	10	1	4	1	4	21.2	49.307	0	14.511	348100000	4824800	58188000	907360	2.84E+08	8869900	1345600	1232300	8126400		
Q01433	Q01433	AMP deaminase 2	AMPD2	sp Q01433	9	9	9	0	5	7	9	0	5	7	9	12.4	100.69	0	26.497	347780000	0	71468000	15920000	2.6E+08	0	5993600	14365000	7161700		
Q969G5	Q969G5	Protein kinase C delta-binding protein	PRKCDBP	sp Q969G5	8	8	8	0	1	6	8	0	1	6	8	31	27.701	0	33.237	347540000	0	2399700	37286000	3.0E+08	0	1085100	1312900	23714000		
P61006;Q6	P61006;Q6	Ras-related protein Rab-8A	RAB8A	sp P61006	6	4	3	0	4	2	6	0	3	1	3	35.7	23.668	0	35.242	346850000	0	1.3E+08	1586800	2.16E+08	0	8847900	2929800	9588700		
Q7Z4W1	Q7Z4W1	L-xylulose reductase	DXR	sp Q7Z4W1	6	6	6	0	6	0	6	0	6	0	6	4	31.1	25.913	0	44.618	346600000	0	2.51E+08	0	95521000	0	20236000	0	5824800	
Q16880	Q16880	2-hydroxyacylphosphine 1-beta-galactosyltransf	UGT8	sp Q16880	4	4	4	0	1	3	4	0	1	3	4	8.9	61.437	0	17.443	346440000	0	2772900	7767800	3.36E+08	0	1022600	3648300	14427000		
Q9BRJ2	Q9BRJ2	39S ribosomal protein L45, mitochondrial	MRPL45	sp Q9BRJ2	5	5	5	0	3	3	4	0	3	3	4	26.5	35.351	0	13.516	345630000	0	78756000	8351700	2.59E+08	0	9340200	4720700	9125700		
Q71RC2	Q71RC2	La-related protein 4	LARP4	sp Q71RC2	6	6	6	1	5	4	6	1	5	4	6	14.2	80.595	0	33.377	345160000	1596700	78154000	19095000	2.46E+08	5992700	4693900	12442000	8318900		
Q96GC9	Q96GC9	Vacuole membrane protein 1	VMP1	sp Q96GC9	2	2	2	0	1	2	0	1	2	0	1	2	9.1	46.237	0	42.151	344770000	0	88290000	9581300	2.47E+08	0	7659900	7676600	9042800	
Q43447	Q43447	Peptidyl-prolyl cis-trans isomerase H	PPH	sp Q43447	6	6	6	0	6	1	4	0	6	1	4	37.9	19.208	0	26.319	344680000	0	2.34E+08	906550	1.1E+08	0	19055000	1614300	5068000		
Q15042	Q15042	Rab3 GAPase-activating protein catalytic subunit	RAB3GAP1	sp Q15042	10	10	10	0	3	0	10	0	3	0	10	16.9	110.52	0	42.028	344650000	0	33671000	0	3.11E+08	0	6788300	0	8969300		
AGNH99	AGNH99	Structural maintenance of chromosomes flexible	SMCHD1	sp AGNH99	12	12	12	4	12	11	6	4	12	11	6	8.1	226.37	157550000	41667000	344230000	0	1.02E+08	29355000	1.02E+08	29355000	10201000	21659000	30276000		
Q8N0K7	Q8N0K7	Sproutin	SPG20	sp Q8N0K7	10	10	10	0	10	4	9	0	10	4	9	19.1	72.832	0	25.91	344060000	0	1.52E+08	3005300	1.89E+08	0	16822000	1632900	4759700		
O95571	O95571	Persulfide dioxygenase ETHE1, mitochondrial	ETHE1	sp O95571	4	4	4	0	2	0	4	0	2	0	4	24.4	27.873	0	25.691	344030000	0	7449000	0	3.4E+08	0	563950	0	13935000		
P19404	P19404	NADH dehydrogenase [ubiquinone] flavoprotein; NDU	NDUFV2	sp P19404	4	4	4	0	4	0	4	0	4	0	4	21.7	27.391	0	10.852	342880000	0	1.68E+08	0	1.74E+08	0	13931000	0	8038200		
Q14919	Q14919	DRI1-associated corepressor	DRAP1	sp Q14919	4	4	4	0	4	0	4	0	4	0	4	21.7	27.391	0	13.155	342740000	0	1.53E+08	1845200	1.88E+08	0	15351000	3236900	56072000		
O43432	O43432	Eukaryotic translation initiation factor 4 gamma 3	EIF4G3	sp O43432	8	6	6	2	7	3	8	1	6	1	5	1	6.6	176.65	0	21.707	342700000	193920	52863000	4108900	2.86E+08	417180	2476400	1574200	14890000	
P15407	P15407	Fos-related antigen 1	FOSL1	sp P15407	2	2	2	1	1	1	2	1	1	1	2	11.1	29.413	0	28.027	342520000	65721000	38406000	8446800	2.65E+08	69988000	5023200	5298900	2303200		
O60568	O60568	Procollagen-lysine, 2-oxoglutarate 5-dioxygenase; 1	PLOD3	sp O60568	6	6	6	0	4	3	6	0	4	3	6	8.1	84.784	0	15.392	342480000	0	27273000	3083400	3.02E+08	0	2115300	2804500	11547000		
O14776;Q	O14776;Q	Transcription elongation regulator 1	TCEG1	sp O14776	13	13	13	0	11	2	13	0	11	2	13	12.8	123.9	0	28.489	342100000	0	1.38E+08	1837000	1.1E+08	0	13572000	3089700	5050300		
Q5JRA6	Q5JRA6	Melanoma inhibitory activity protein 3	MIA3	sp Q5JRA6	15	15	15	0	10	11	0	10	11	0	11	15.7	213.7	0	42.179	342020000	0	1.14E+08	0	2.28E+08	0	12150000	0	7293100		
Q9Y394	Q9Y394	Dehydrogenase/reductase SDR family member 7	DHR57	sp Q9Y394	7	7	7	0	4	1	6	0	4	1	6	32.2	38.298	0	50.518	341320000	0	48311000	2024900	2.91E+08	0	37009000	3431200	10454000		
Q9H936;Q	Q9H936;Q	Mitochondrial glutamate carrier 1;Mitochondrial	SLC25A22	sp Q9H936	8	8	8	0	8	6	7	0	8	6	7	27.6	34.47	0	20.978	340620000	0	1.07E+08	14758000	2.19E+08	0	6699000	12905000	8740300		
Q6UVK1	Q6UVK1	Chondroitin sulfate proteoglycan 4	CSP64	sp Q6UVK1	13	13	13	1	0	13	1	0	13	1	0	13	9	250.53	0	50.133	340510000	547000	4652300	0	3.35E+08	796650	0	13540000		
Q69YN2	Q69YN2	CWF19-like protein 1	CWF19L1	sp Q69YN2	10	10	10	1	9	0	10	1	9	0	10	19.5	60.618	0	23.794	340410000	211140	1.66E+08	0	1.74E+08	651070	1842400	0	2946500		
Q969G3	Q969G3	SWI/NF-related matrix-associated actin-depend	SMARCE1	sp Q969G3	7	7	7	0	5	2	6	0	5	2	6	29.9	46.649	0	22.245	339020000	0	95215000	3564200	2.4E+08	0	7867800	3034900	9765600		
Q95486	Q95486	Protein transport protein Sec24A	SEC24A	sp Q95486	8	8	8	1	5	0	8	1	5	0	8	10.7	119.75	0	28.019	338010000	276550	55977000	0	2.82E+08	577410	2608800	0	13612000		
Q9H910	Q9H910	Hematological and neurological expressed 1-like	HNL1	sp Q9H910	6	6	6	0	6	0	5	0	6	0	5	5.1	20.063	0	29.609	337480000	0	3.22E+08	0	1.06E+08	0	15820000	0	4946200		
Q32P78	Q32P78	Prolyl 3-hydroxylase 1	LEPR1	sp Q32P78	7	7	7	0	6	0	6	0	6	0	6	12.9	83.393	0	30.302	336350000	0	1.04E+08	0	2.42E+08	0	9033200	0	9711600		
P56385	P56385	ATP synthase subunit e, mitochondrial	ATP5E	sp P56385	4	4	4	0	4	2	3	0	4	2	3	42	7.931	0	6.7692	336080000	0	1.81E+08	1182200	1.54E+08	0	16212000	2365600	4485200		
Q3LXA3	Q3LXA3	Bifunctional ATP-dependent dihydroxyacetone kin	DAK	sp Q3LXA3	7	7	7	0	6	0	7	0	6	0	7	20.5	58.946	0	21.616	335930000	0	1.02E+08	0	2.34E+08	0	8064500	0	10533000		
Q9UBP6	Q9UBP6	RNA [guanine-7(N7)]-methyltransferase	METTL1	sp Q9UBP6	6	6	6	0	6																					



Q13438	Q13438	Protein OS-9	OS9	sp Q13438	4	4	4	0	3	2	4	0	3	2	4	0	3	2	4	6.6	75.561	0	5.8272	322080000	0	15555000	1479300	3.05E+08	0	3310800	4142300	7457400	
Q9BYD6	Q9BYD6	39S ribosomal protein L1, mitochondrial	MRPL1	sp Q9BYD6	7	7	1	7	5	6	1	7	5	6	1	7	5	6	26.5	36.908	0	15.573	321840000	1686100	1.72E+08	9320500	1.38E+08	2903800	13375000	5742800	5871500		
Q9UBM7	Q9UBM7	7-dehydrocholesterol reductase	DHCR7	sp Q9UBM7	6	6	0	5	3	6	0	5	3	6	0	5	3	6	13.5	54.489	0	23.612	321540000	0	1.62E+08	4816200	1.81E+08	0	9660000	6573400	6488800		
Q95487	Q95487	Protein transport protein Sec24B	SEC24B	sp Q95487	9	9	0	6	0	9	0	6	0	9	0	6	0	9	11.8	137.42	0	87.373	321350000	0	29449000	0	2.92E+08	0	4225600	0	10375000		
Q08380	Q08380	Galactin-3-binding protein	LGALS3BP	sp Q08380	7	7	7	6	7	6	7	6	7	6	7	6	7	15.2	65.33	0	21.059	321180000	0	56302000	18281000	2.47E+08	0	4495900	14610000	8283300			
Q6NXE6	Q6NXE6	Armadillo repeat-containing protein 6	ARMC6	sp Q6NXE6	5	5	5	3	1	5	0	3	1	5	0	3	1	5	17.8	54.141	0	49.715	319360000	0	64879000	546550	2.09E+08	0	8212200	0	7949800		
Q9H2P9	Q9H2P9	Diphthine synthase	DPHS	sp Q9H2P9	5	5	5	3	1	5	0	3	1	5	0	3	1	5	27.7	31.651	0	49.616	319050000	790430	1.09E+08	0	2.54E+08	3255500	8748900	0	7016000		
Q15270	Q15270	Serine palmitoyltransferase 2	SPTLC2	sp Q15270	9	9	9	1	5	2	1	5	2	8	1	5	2	8	29.4	62.924	0	62.427	318320000	3804200	67569000	4079100	2.41E+08	4398000	4709900	4853700	9797700		
Q13459	Q13459	Unconventional myosin-1xB	MYO9B	sp Q13459	18	18	18	0	3	6	18	0	3	6	18	0	3	6	18	12.3	243.4	0	32.894	318310000	0	16664000	6791800	2.97E+08	0	1427300	7237100	8222800	
P98082	P98082	Disabed homolog 2	DAB2	sp P98082	9	9	9	0	0	0	9	0	0	9	0	0	9	20.4	82.877	0	23.949	318230000	0	26600000	0	3.18E+08	0	0	0	13087000			
Q68697	Q68697	SH3 domain-containing kinase-binding protein 1	SH3BP1	sp Q68697	4	4	4	0	0	4	0	0	4	0	0	4	0	4	9.5	73.125	0	21.918	318010000	0	0	0	3.38E+08	0	0	0	13078000		
Q9HD20	Q9HD20	Manganese-transporting ATPase 13A1	ATP13A1	sp Q9HD20	11	11	11	0	6	1	10	0	6	1	10	0	6	1	10	11.5	132.95	0	21.433	317340000	0	46450000	44008000	2.78E+08	0	4942800	0	8482500	
Q15643	Q15643	Thyroid receptor-interacting protein 11	TRIP11	sp Q15643	16	16	16	0	3	3	16	0	3	3	16	0	3	3	16	11.8	227.58	0	41.693	316530000	0	11601000	4723600	3E+08	0	1385300	2401500	12756000	
Q00401	Q00401	Neural Wiskott-Aldrich syndrome protein	WASL	sp Q00401	7	7	7	0	5	0	5	0	5	0	5	0	5	0	25.9	54.826	0	65.661	316260000	0	38039000	0	2.78E+08	0	4443700	0	10352000		
Q12846	Q12846	Syntaxin-4	STX4	sp Q12846	6	6	6	0	4	0	6	0	4	0	6	0	4	0	6	38.4	34.18	0	45.492	315240000	0	52837000	0	2.62E+08	0	6155600	0	9293500	
Q00567	Q00567	Nucleolar protein 56	NOP56	sp Q00567	9	9	9	0	9	6	8	0	9	6	8	0	9	6	8	25.1	66.049	0	8196000	30089000	2.03E+08	0	5400300	23372000	7154900	0	10295000		
Q16799	Q16799	Reticulon-1	RTN1	sp Q16799	10	10	10	1	1	2	10	1	1	2	10	1	1	2	10	18	83.617	0	27.551	313620000	1001100	70167000	1665900	2.4E+08	856030	7486600	1019600	8867000	
Q9Y2X7	Q9Y2X7	ARF GTPase-activating protein GIT1	GIT1	sp Q9Y2X7	4	3	3	0	4	1	4	0	3	1	3	0	3	1	3	9.1	84.34	0	8.1039	313050000	0	66900000	3624500	2.4E+08	0	5314600	294600	1004800	
Q9HD33	Q9HD33	39S ribosomal protein L47, mitochondrial	MRPL47	sp Q9HD33	6	6	6	0	6	5	5	0	6	5	5	0	6	5	5	20.8	29.45	0	16.401	312860000	0	1.33E+08	1620400	1.64E+08	0	9545300	1249700	7298000	
Q13131	Q13131	5-AMP-activated protein kinase catalytic subunit: PRKAA1	PRKAA1	sp Q13131	6	6	5	0	3	6	0	3	6	0	3	6	0	3	6	14.5	64.009	0	69.225	312440000	0	55558000	5056600	2.52E+08	0	5179500	498700	8489000	
Q13510	Q13510	Acid ceramidase;Acid ceramidase subunit alpha;ASAH1	ASAH1	sp Q13510	2	2	2	0	2	2	2	0	2	2	2	0	2	2	2	8.6	44.659	0	21.069	312150000	0	42741000	25495000	2.44E+08	0	3865600	18436000	8629700	
Q68E01	Q68E01	Integrator complex subunit 3	INTS3	sp Q68E01	5	5	5	0	4	1	5	0	4	1	5	0	4	1	5	10.3	118.07	0	46.548	311470000	0	42047000	3058000	2.66E+08	0	4347800	2238300	10130000	
Q43674	Q43674	NADH dehydrogenase [ubiquinone] 1 beta subunit NDUFBS2	NDUFBS2	sp Q43674	4	4	4	0	1	3	0	4	0	1	3	0	4	0	3	19	21.75	0	11.698	311020000	0	97114000	7260600	2.06E+08	0	7329700	6910100	7925300	
Q96QD8	Q96QD8	Sodium-coupled neutral amino acid transporter 2 SLC38A5	SLC38A5	sp Q96QD8	4	4	4	0	2	1	4	0	2	1	4	0	2	1	4	15.4	56.025	0	17.934	310880000	0	89863000	3358700	2.18E+08	0	7759100	2575100	8787000	
Q75340	Q75340	Programmed cell death protein 6	PDCD6	sp Q75340	4	4	4	0	3	2	4	0	3	2	4	0	3	2	4	21.5	21.868	0	11.816	310280000	0	92182000	4948400	1.23E+08	0	8627800	5069300	6520000	
Q8TF05	Q8TF05	Serine/threonine-protein phosphatase 4 regulator PPP4R1	PPP4R1	sp Q8TF05	9	9	9	1	8	0	9	1	8	0	9	1	8	0	9	12.2	137	0	23.949	309600000	664020	4933000	0	2.6E+08	0	5690000	0	9328200	
Q4G013	Q4G013	La-related protein 7	LARP7	sp Q4G013	10	10	10	6	6	0	10	6	6	0	10	6	6	0	10	6	20.4	66.898	0	24.423	308520000	0	1.31E+08	23155000	1.55E+08	0	10486000	16678000	6272800
Q9Y512	Q9Y512	Sorting and assembly machinery component 50 h SAMM50	SAMM50	sp Q9Y512	7	7	7	0	7	2	6	0	7	2	6	0	7	2	6	23	51.976	0	15.919	308540000	0	1.51E+08	3310700	1.54E+08	0	19396000	2671100	4922900	
Q9NQ88	Q9NQ88	Fructose-2,6-bisphosphatase TIGAR	TIGAR	sp Q9NQ88	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	13	30.062	0	12.599	308080000	0	1.21E+08	0	1.87E+08	0	10218000	0	8132400	
Q9H9T3	Q9H9T3	Elongator complex protein 3	ELP3	sp Q9H9T3	5	5	5	0	3	0	5	0	3	0	5	0	3	0	5	14.4	62.258	0	27.478	307860000	0	48830000	0	2.59E+08	0	5708900	0	9248000	
P50851:Q5	P50851	Lipopolysaccharide-responsive and beige-like anchor protein LRBA	LRBA	sp P50851	18	18	18	2	15	2	16	2	15	2	16	2	15	2	16	8.9	319.1	0	44.812	307710000	7091100	90913000	1500300	2.08E+08	4418700	11417000	686250	8153700	
P14923	P14923	Junction plakoglobin	JUP	sp P14923	13	11	11	0	11	13	7	0	9	11	5	0	9	11	5	20.8	81.744	0	33.27	305790000	0	94695000	19143000	19667000	0	3306900	13068000	1244700	
Q8XB1	Q8XB1	Dnal homolog subfamily C member 10	DNALC10	sp Q8XB1	8	8	8	2	3	8	2	3	8	2	3	8	2	3	8	14	91.700	0	30.32	305500000	8260900	32471000	14118000	2.51E+08	12800000	2484100	970000	5914300	
P11047:Q5	P11047	Laminin subunit gamma-1	LAMC1	sp P11047	11	11	11	1	5	1	11	1	5	1	11	1	5	1	11	9.3	177.6	0	36.771	305470000	34323000	58203000	1596000	2.11E+08	21763000	9625500	3847100	13982000	
Q9Y4P1	Q9Y4P1	Cysteine protease ATG4A	ATG4A	sp Q9Y4P1	4	4	4	1	3	1	3	1	3	1	3	1	3	1	3	17.6	44.294	0	52.792	305210000	227850	59496000	7462000	2.38E+08	2879500	6657800	3969700	6854800	
Q9Y496	Q9Y496	Kinesin-like protein KIF3A	KIF3A	sp Q9Y496	10	10	10	1	8	1	9	1	8	1	9	1	8	1	9	14.4	80.125	0	22.908	304400000	907440	48246000	1056000	2.54E+08	0	3913500	4991000	6511600	
Q9BW91	Q9BW91	ADP-ribose pyrophosphatase, mitochondrial	NUDT9	sp Q9BW91	6	6	6	0	4	0	5	0	4	0	5	0	4	0	5	30	39.125	0	31.245	304270000	0	53618000	0	2.51E+08	0	9289000	0	0	
Q13330	Q13330	Metastasis-associated protein MTA1	MTA1	sp Q13330	10	10	10	1	8	4	8	1	8	4	8	1	8	4	8	18.6	80.785	0	22.841	304200000	172860	1.05E+08	6942800	1.92E+08	802230	5707500	3710000	11792000	
Q86U38	Q86U38	Nucleolar protein 9	NOP9	sp Q86U38	5	5	5	0	3	5	0	3	5	0	3	5	0	3	5	9.9	69.437	0	11.923	303900000	0	9668700	2.94E+08	0	0	10860000	7738300	0	
Q9H832	Q9H832	Ubiquitin-conjugating enzyme E2 Z	UBE2Z	sp Q9H832	6	6	6	0	3	0	6	0	3	0	6	0	3	0	6	16.9	38.21	0	27.753	303490000	0	55488000	0	2.48E+08	0	6240400	0	8850200	
Q9UPN7	Q9UPN7	Serine/threonine-protein phosphatase 6 regulator PPP6R1	PPP6R1	sp Q9UPN7	6	6	6	0	4	2	6	0	4	2	6	0	4	2	6	14.5	96.723	0	50.913	303470000	0	48479000	3107000	2.52E+08	0	3927800	1764300	1102800	
Q9NV11	Q9NV11	Fanconi anemia group I protein	FANCI	sp Q9NV11	12	12	12	0	12	1	7	0	12	1	7	0	12	1	7	12.4	149.32	0	24.635	303170000	0	2.15E+08	734360	87532000	0	15618000	0	6925200	
Q9U110	Q9U110	Translation initiation factor eIF-2B subunit delta	EIF2B4	sp Q9U110	6	6	6	0	2	4	6	0	2	4	6	0	2	4	6	16.6	57.557	0	27.311	302810000	0	26920000	7540300	2.69E+08	0	5397700	6174300		

Q92530	Q92530	Proteasome inhibitor PI31 subunit	PSMF1	sp Q92530	3	3	3	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	14.4	29.816	0	9.9497	288040000	0	1.16E+08	0	1.72E+08	0	7120900	0	10189000	
Q3YEC7	Q3YEC7	Rab-like protein 6	RABL6	sp Q3YEC7	8	8	8	0	8	0	6	0	8	0	6	0	6	0	6	0	6	0	6	0	6	0	6	16.9	79.548	0	20.548	287960000	0	2.22E+08	0	66318000	0	16821000	0	5443600	
Q96C86	Q96C86	mGpppX diphosphatase	DCP5	sp Q96C86	6	6	6	0	6	0	4	0	6	0	4	0	6	0	4	0	6	0	4	0	6	0	4	24.9	38.608	0	23.289	287560000	0	2.51E+08	0	36803000	0	20347000	0	3278000	
Q8WV59	Q8WV59	SPRY domain-containing protein 3	SPRYD4	sp Q8WV59	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	2.22	23.128	0	10.024	287300000	0	1.5E+08	0	1.37E+08	0	12056000	0	6809100	
Q8VDV9	Q8VDV9	Nucl domain-containing protein 3	NUDCD3	sp Q8VDV9	10	10	10	0	8	1	9	0	8	1	9	0	8	1	9	0	8	1	9	0	8	1	9	43.2	40.822	0	58.928	287140000	0	75278000	3686600	2.08E+08	0	5457300	3184500	9032700	
Q14976	Q14976	Cyclin-G-associated kinase	GAK	sp Q14976	7	7	7	0	1	1	7	0	1	1	7	0	1	1	7	0	1	1	7	0	1	1	7	10.2	143.19	0	33.248	285730000	0	4397900	2074700	2.79E+08	0	380620	74500	12141000	
Q7Z275	Q7Z275	TRMT1-like protein	TRMT1L	sp Q7Z275	10	10	10	0	9	3	8	0	9	3	8	0	9	3	8	0	9	3	8	0	9	3	8	23.5	81.746	0	26.56	285680000	0	1.01E+08	13076000	1.72E+08	0	6407600	13085000	5250700	
Q16762	Q16762	Thiosulfate sulfurtransferase	TST	sp Q16762	4	4	4	0	4	0	1	0	4	0	1	0	4	0	1	0	4	0	1	0	4	0	1	21.5	33.429	0	40.012	285650000	0	2.56E+08	0	29721000	0	22429000	0	1353200	
Q3KQU3	Q3KQU3	MAP7 domain-containing protein 1	MAP7D1	sp Q3KQU3	12	12	12	0	2	9	11	0	2	9	11	0	2	9	11	0	2	9	11	0	2	9	11	19.1	92.819	0	27.023	285250000	0	9638000	41265000	2.34E+08	0	1303700	29945000	6968800	
Q9UB00	Q9UB00	Vacuolar protein sorting-associated protein 29	VPS29	sp Q9UB00	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	0	2	0	3	0	2	0	3	23.6	20.305	0	67.376	285100000	0	78118000	0	2.07E+08	0	8252200	0	7146000	
Q8VWV2	Q8VWV2	Nucl domain-containing protein 2	NUDCD2	sp Q8VWV2	3	3	3	0	3	1	3	0	3	1	3	0	3	1	3	0	3	1	3	0	3	1	3	28	17.676	0	85.466	285100000	0	1.44E+08	868410	1.4E+08	0	11818000	0	2849100	
Q8UBC2	Q8UBC2	Epidermal growth factor receptor substrate 15-like	EPH5L1	sp Q8UBC2	11	11	11	0	10	0	9	0	10	0	9	0	10	0	9	0	10	0	9	0	10	0	9	16	94.254	0	45.342	284970000	0	1.03E+08	0	1.82E+08	0	9515500	0	7042900	
P37235.P8	P37235	Hippocalcin-like protein 1	HPCAL1	sp P37235	4	4	4	0	0	0	4	0	0	0	4	0	0	0	4	0	0	0	4	0	0	0	4	23.3	22.313	0	11.831	284780000	0	0	0	2.85E+08	0	0	0	11712000	
Q6P179	Q6P179	Endoplasmic reticulum aminopeptidase 2	ERAP2	sp Q6P179	8	8	8	0	1	0	8	0	1	0	8	0	1	0	8	0	1	0	8	0	1	0	8	12.9	110.46	0	53.835	284620000	0	3656400	0	2.81E+08	0	322300	0	11555000	
Q9Y508	Q9Y508	E3 ubiquitin-protein ligase RNF114	RNF114	sp Q9Y508	4	4	4	0	4	2	4	0	4	2	4	0	4	2	4	0	4	2	4	0	4	2	4	26.8	25.694	0	40.523	284150000	0	70608000	3248200	2.1E+08	0	5769000	2585100	8166000	
O95273	O95273	Cyclin-D1-binding protein 1	CNBDP1	sp O95273	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	2.5	40.262	0.009843	1.51	283670000	0	0	0	2.8E+08	0	0	0	1102100	
Q2M2I8	Q2M2I8	AP2-associated protein kinase 1	AAK1	sp Q2M2I8	10	10	10	0	2	1	10	0	2	1	10	0	2	1	10	0	2	1	10	0	2	1	10	23.3	103.88	0	23.943	283270000	0	11891000	1082600	2.7E+08	0	1331100	1082800	1047800	
Q06265	Q06265	Exosome complex component RRP45	EXOSC9	sp Q06265	5	5	5	0	5	3	5	0	5	3	5	0	5	3	5	0	5	3	5	0	5	3	5	14.4	48.948	0	15.387	283010000	0	1.17E+08	12721000	1.54E+08	0	8981200	10601000	5557000	
O00206	O00206	Toll-like receptor 4	TLR4	sp O00206	3	3	3	0	2	3	2	0	2	3	2	0	2	3	2	0	2	3	2	0	2	3	2	4.4	95.679	0	6.326	282320000	0	44460000	25806000	2.12E+08	0	4002400	20456000	5522400	
Q12756	Q12756	Kinesin-like protein KIF1A	KIF1A	sp Q12756	10	10	8	0	10	3	3	0	10	3	3	0	10	3	3	0	10	3	3	0	10	3	3	8.9	19.106	0	33.221	282290000	0	2.13E+08	5110800	64333000	0	9427900	8062400	7351700	
Q92769	Q92769	Histone deacetylase 2	HDAC2	sp Q92769	9	5	4	0	1	8	4	0	4	2	3	0	4	2	3	0	4	2	3	0	4	2	3	23.8	55.364	0	33.11	280440000	0	78649000	5981200	1.96E+08	0	5804600	5505300	7695000	
PS1151.Q5	PS1151	Ras-related protein Rab-9A	RAB9A	sp PS1151	5	5	5	0	3	0	5	0	3	0	5	0	3	0	5	0	3	0	5	0	3	0	5	37.3	22.837	0	17.322	280370000	0	57710000	0	2.23E+08	0	7922600	0	6321700	
P53680	P53680	AP-2 complex subunit sigma	AP2S1	sp P53680	4	4	4	0	3	2	4	0	3	2	4	0	3	2	4	0	3	2	4	0	3	2	4	31	17.018	0	10.063	279760000	0	29758000	3929500	2.46E+08	0	3814300	3572700	7996700	
Q5T1M5	Q5T1M5	FK506-binding protein 15	FKBP15	sp Q5T1M5	11	11	11	0	11	5	10	0	11	5	10	0	11	5	10	0	11	5	10	0	11	5	10	15.3	133.63	0	42.422	279290000	0	1.16E+08	3899600	1.6E+08	0	8078000	36618600	4680700	
Q9N2N4	Q9N2N4	EH domain-containing protein 2	EHD2	sp Q9N2N4	8	8	8	0	2	8	0	2	8	0	2	8	0	2	8	0	2	8	0	2	8	0	2	8	23	61.161	0	44.113	278050000	0	0	2028100	2.7E+08	0	0	0	3541500
Q15397	Q15397	Pumilio domain-containing protein KIAA0020	KIAA0020	sp Q15397	5	5	5	0	0	3	5	0	0	3	5	0	0	3	5	0	0	3	5	0	0	3	5	11.1	73.584	0	11.278	277990000	0	33176000	2.45E+08	0	0	21992000	10370000	5801000	
P08579	P08579	U2 small nuclear ribonucleoprotein B	SNRBP2	sp P08579	6	4	4	0	4	4	5	0	4	4	5	0	4	4	5	0	4	4	5	0	4	4	5	30.7	25.486	0	1.09E+08	277970000	0	7797600	1.61E+08	0	11584000	4221200	5680100		
Q04206	Q04206	Transcription factor p65	RELA	sp Q04206	5	5	5	0	5	1	5	0	5	1	5	0	5	1	5	0	5	1	5	0	5	1	5	12.2	60.218	0	16.34	277340000	0	80509000	478180	1.9E+08	0	7631300	0	7540400	
O95168	O95168	NADH dehydrogenase [ubiquinone] 1 beta subcor	NDUF84	sp O95168	4	4	4	0	3	3	3	0	3	3	3	0	3	3	3	0	3	3	3	0	3	3	4.1	15.208	0	16.385	276960000	0	1.06E+08	9338300	1.62E+08	0	10066000	6394400	5782600		
Q86WJ1	Q86WJ1	Chromodomain-helicase-DNA-binding protein 1-like	CHD1L	sp Q86WJ1	8	8	8	0	8	2	5	0	8	2	5	0	8	2	5	0	8	2	5	0	8	2	5	11.4	101	0	32.836	276820000	0	1.56E+08	1953900	1.19E+08	0	8008000	8494700	3450500	
Q96K85	Q96K85	Lymphokine-activated killer T-cell-originated prot	PBK	sp Q96K85	4	4	4	0	4	1	4	0	4	1	4	0	4	1	4	0	4	1	4	0	4	1	4	11.8	36.085	0	6.0155	276310000	0	78670000	601790	1.97E+08	0	3458500	855320	1112800	
P25311	P25311	Zinc-alpha-2-glycoprotein	AGZP1	sp P25311	11	11	11	0	11	1	11	0	11	1	11	0	11	1	11	0	11	1	11	0	11	1	11	43	34.258	0	35.801	275930000	0	18197000	255570000	2160300	0	282780	173090000	46651	
P13984	P13984	General transcription factor IIF subunit 2	GTFF2	sp P13984	9	9	9	0	7	0	8	0	7	0	8	0	7	0	8	0	7	0	8	0	7	0	8	34.1	28.38	0	24.756	275730000	218650	66450000	0	2.09E+08	1689400	8219800	0	765400	
Q9POV9	Q9POV9	Septin-10	Sept-10	sp Q9POV9	6	6	6	0	0	2	6	0	0	2	6	0	0	2	6	0	0	2	6	0	0	2	6	19.8	52.592	0	36.169	275630000	0	1977400	2.74E+08	0	0	268580	12314000	7568100	
Q9UPT5	Q9UPT5	Exocyst complex component 7	EXOC7	sp Q9UPT5	8	8	8	0	5	2	6	0	5	2	6	0	5	2	6	0	5	2	6	0	5	2	6	13.2	83.381	0	21.334	275330000	0	57561000	5155100	2.13E+08	0	5129300	4584700	5768100	
P10321.P0	P10321.P0	HLA class I histocompatibility antigen, Cw-7 alpha	HLA-C*HLA	sp P10321	3	2	1	0	1	2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	13.9	40.648	0	8.685	274980000	0	30172000	0	2.45E+08	0	1281600	0	11446000		
Q8IW87	Q8IW87	WD repeat and FYVE domain-containing protein 1	WDFY1	sp Q8IW87	4	4	4	0	1	0	4	0	1	0	4	0	1	0	4	0	1	0	4	0	1	0	4	12.9	46.323	0	10.535	274940000	0	6759900	0	2.68E+08	0	595880	0	11029000	
Q9BXF6	Q9BXF6	Rab11 family-interacting protein 5	RAB11FIP5	sp Q9BXF6	11	11	11</																																		

P48507	P48507	Glutamate-cysteine ligase regulatory subunit	GCLM	sp P48507	4	4	4	0	3	0	4	0	3	0	4	0	3	0	4	26.3	30.727	0	17.694	258870000	0	52675000	0	2.06E+08	0	5912100	0	7211200	
Q9NY88	Q9NY88	FAST kinase domain-containing protein 2	FASTKD2	sp Q9NY88	6	6	6	0	1	2	6	0	1	2	6	0	1	2	6	11.7	81.462	0	28.028	258590000	0	6644200	5163700	2.47E+08	0	831180	2633700	10740000	
Q9Y5X2	Q9Y5X2	Sorting nexin-8	SNX8	sp Q9Y5X2	4	4	0	0	4	0	4	0	0	4	0	0	4	0	4	13.8	52.569	0	16.658	257890000	0	0	19755000	2.38E+08	0	0	14572000	8497500	
Q9NR19	Q9NR19	Acetyl-coenzyme A synthetase, cytoplasmic	ACSS2	sp Q9NR19	5	5	5	0	1	0	5	0	1	0	5	0	1	0	5	11.8	78.579	0	10.542	257820000	0	1365900	0	2.56E+08	0	415200	0	10252000	
Q8IX01	Q8IX01	SURP and G-patch domain-containing protein 2	SUGP2	sp Q8IX01	4	4	4	0	1	3	4	0	1	3	4	0	1	3	4	4.2	120.21	0	7.0253	257790000	0	2173200	8604000	2.47E+08	0	1791800	12393000	1946800	
Q9UKV3	Q9UKV3	Apoptotic chromatin condensation inducer in the ACIN1	ACIN1	sp Q9UKV3	12	12	12	2	9	7	9	2	9	7	9	2	9	7	9	13.6	151.86	0	26.939	257290000	4403000	1.26E+08	13448000	1.14E+08	4694400	9867000	10803000	3883400	
Q13043	Q13043	Serine/threonine-protein kinase 4,Serine/threonine	STK4	sp Q13043	6	6	5	0	6	0	4	0	6	0	4	0	5	0	3	17	56.63	0	17.671	256110000	0	1.02E+08	0	1.55E+08	0	7071600	0	8237100	
Q9BR21	Q9BR21	Ubiquinol-cytochrome-c reductase complex asser	UQCQC2	sp Q9BR21	3	3	3	0	2	2	2	0	3	2	2	0	3	2	2	28.6	14.875	0	8.3984	255830000	0	93015000	4524700	1.58E+08	0	6471400	3965800	7312500	
Q9B061	Q9B061	Uncharacterized protein C19orf43	C19orf43	sp Q9B061	6	6	6	1	5	3	5	1	5	3	5	1	5	3	5	60.2	18.419	0	19.371	255520000	1035300	1.12E+08	9147300	1.24E+08	10979000	6649000	9144300	4709000	
Q9W556	Q9W556	Histone-lysine N-methyltransferase SETD7	SETD7	sp Q9W556	5	5	5	0	5	1	4	0	5	1	4	0	5	1	4	19.7	40.772	0	22.176	255440000	0	78877000	10112000	1.66E+08	0	6645800	7658700	6289500	
Q9GZ79	Q9GZ79	Derlin-2	DERL2	sp Q9GZ79	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	17.2	27.567	0	56.326	255330000	0	70564000	0	1.85E+08	0	6274400	0	7597600	
Q13363	Q13363	C-terminal-binding protein 1	CTBP1	sp Q13363	4	4	4	0	5	0	4	0	5	0	4	0	4	0	4	17.3	47.535	0	24.143	254810000	0	79109000	0	1.76E+08	0	775500	0	6349500	
P56556	P56556	NADH dehydrogenase [ubiquinone] 1 alpha subcc	NDUFA6	sp P56556	5	5	5	1	5	4	4	1	5	4	4	1	5	4	4	39.1	15.136	0	7.7489	253750000	1792800	1.42E+08	3978700	1.06E+08	3544400	12490000	2575100	2753400	
Q9Y697	Q9Y697	Cysteine desulfurase, mitochondrial	NFS1	sp Q9Y697	5	5	5	0	4	0	5	0	4	0	5	0	4	0	5	14	50.195	0	13.839	253100000	0	38872000	0	2.14E+08	0	6509000	0	5277800	
Q14160	Q14160	Protein scribble homolog	SCRIB	sp Q14160	10	10	10	9	1	7	1	9	1	7	1	9	1	6	1	8	10.3	174.88	0	43.368	253010000	1041400	1.04E+08	3243600	1.45E+08	1794700	9952900	0	4396400
Q75145	Q75145	Liprin-alpha-3	PPP1A3	sp Q75145	15	15	13	11	3	11	1	11	3	11	1	11	2	9	0	15.6	133.49	0	1.4E+08	21631000	65224000	26145000	94797000	2669200	83695000	5397000	0	4396400	
Q96KR1	Q96KR1	Zinc finger RNA-binding protein	ZFR	sp Q96KR1	11	11	11	1	7	6	9	1	7	6	9	1	7	6	9	21.1	117.01	0	41.328	252560000	594420	38183000	22010000	1.92E+08	2646700	3617300	11475000	8898000	
P82664	P82664	28S ribosomal protein S10, mitochondrial	MRPS10	sp P82664	3	3	3	0	2	3	0	3	0	2	3	0	3	0	2	2.4	22.999	0	11.13	251960000	0	1.34E+08	1698000	1.01E+08	0	13279000	8089500	5954000	
P55265	P55265	Double-stranded RNA-specific adenosine deamin: ADAR	ADAR	sp P55265	8	8	8	1	6	7	7	1	6	7	7	1	6	7	7	8.7	136.06	0	24.153	251870000	1535400	89542000	32839000	1.28E+08	2063400	8801100	22304000	3589900	
A6NDG6	A6NDG6	Phosphoglycolate phosphatase	PGP	sp A6NDG6	5	5	5	0	4	1	4	0	4	1	4	0	4	1	4	29	34.006	0	15.02	251790000	0	1.62E+08	847140	89408000	0	14441000	1123600	2920500	
P19022;P5	P19022	Cadherin-2	CDH2	sp P19022	6	6	6	0	5	1	3	0	5	1	3	0	5	1	3	15.1	99.808	0	39.895	250970000	0	1.61E+08	2241500	87350000	0	10959000	3246600	5118200	
Q9BRP1	Q9BRP1	Programmed cell death protein 2-like	PDCD2L	sp Q9BRP1	5	5	5	0	4	1	5	0	4	1	5	0	4	1	5	20.4	39.416	0	20.038	250780000	0	92558000	4	1213700	1.57E+08	0	9414500	1918500	4097600
Q8TD01	Q8TD01	ATP-dependent RNA helicase DDX54	DDX54	sp Q8TD01	8	8	8	2	6	5	6	2	6	5	6	2	6	5	6	12.9	98.594	0	13.831	249900000	4210000	74657000	13945000	1.57E+08	7186500	4170000	10807000	4459100	
Q96573	Q96573	Paired amphipathic helix protein Sin3a	SIN3A	sp Q96573	8	8	8	2	6	1	7	2	6	1	7	2	6	1	7	10.1	145.17	0	30.709	249840000	2197100	45483000	734970	2.01E+08	4538800	5777400	1847300	2820300	
P51648;P3	P51648	Fatty aldehyde hydroxylase	ALDH3A2	sp P51648	5	5	4	0	5	0	4	0	5	0	4	0	4	0	4	11.1	54.847	0	10.936	248660000	0	69718000	8191800	1.71E+08	0	7050800	5655300	5966500	
P11182	P11182	Liposamide acyltransferase component of branche	DBT	sp P11182	7	7	7	1	6	3	2	1	6	3	2	1	6	3	2	20.7	53.486	0	15.801	248550000	37485000	1.34E+08	10031000	6693800	0	7524200	10167000	3623800	
Q15276	Q15276	Rab GTPase-binding effector protein 1	RABEP1	sp Q15276	7	7	7	0	7	1	5	0	7	1	5	0	7	1	5	11	5	0	24.663	247920000	0	95854000	419383	1.52E+08	0	5231900	3196600	6539400	
Q53H82	Q53H82	Beta-lactamase-like protein 2	LACTB2	sp Q53H82	5	5	5	1	5	1	5	1	5	1	5	1	5	1	5	25.3	32.805	0	16.995	247420000	989080	1E+08	2693600	1.43E+08	0	8157800	2723700	4275700	
O15091	O15091	Mitochondrial ribonuclease P protein 3	KIAA0391	sp O15091	4	4	4	0	3	0	4	0	3	0	4	0	3	0	4	8.6	67.315	0	15.603	246830000	0	75587000	0	1.71E+08	0	7734800	0	4570000	
P56211	P56211	cAMP-regulated phosphoprotein 19	ARPP19	sp P56211	3	2	2	0	3	0	3	0	2	0	3	0	2	0	2	50	12.323	0	10.306	246370000	0	79162000	0	1.67E+08	0	6225500	0	6190300	
Q96R26	Q96R26	Exosome complex component RRP43	EXOSC8	sp Q96R26	4	4	4	3	4	4	4	3	4	4	4	3	4	4	4	24.6	30.039	0	20.64	246300000	19429000	81558000	22636000	1.23E+08	29999000	5079000	8269300	3527400	
Q9B7C0	Q9B7C0	Death-inducer obliterator 1	DIDO1	sp Q9B7C0	9	9	9	0	4	4	9	0	4	4	9	0	4	4	9	8.6	243.87	0	32.92	245970000	0	30391000	11767000	2.04E+08	0	3981100	8038300	6948800	
Q9NY27	Q9NY27	Serine/threonine-protein phosphatase 4 regulato	PPP4R2	sp Q9NY27	5	5	5	0	5	0	4	0	5	0	4	0	5	0	4	19.2	46.898	0	18.683	245710000	0	86336000	0	1.59E+08	0	7865100	0	6299700	
Q14671;Q1	Q14671	Pumilio homolog 1	PUM1	sp Q14671	9	9	9	0	8	2	8	0	8	2	8	0	8	2	8	9.6	126.47	0	32.202	245600000	0	92868000	1932200	1.51E+08	0	7327600	4110900	3907100	
Q9Y6I3	Q9Y6I3	Epsin-1	EPN1	sp Q9Y6I3	5	5	5	0	5	0	5	0	5	0	4	0	4	0	4	10.2	60.293	0	7.3387	245280000	0	89188000	0	1.56E+08	0	6706300	0	575100	
P78330	P78330	Phosphoserine phosphatase	PSPH	sp P78330	5	5	5	0	5	0	2	0	5	0	2	0	5	0	2	39.6	25.007	0	25.336	245210000	0	1.92E+08	0	52827000	0	13952000	0	4287800	
Q9H2J4	Q9H2J4	Phosducin-like protein 3	PDCL3	sp Q9H2J4	5	5	5	0	3	0	5	0	3	0	5	0	3	0	5	31.4	27.614	0	66.55	245100000	0	54045000	0	1.91E+08	0	5984000	0	6637000	
Q9HOR6	Q9HOR6	Glutamyl-tRNA(Gln) amidotransferase subunit A	QRS11	sp Q9HOR6	4	4	4	0	4	0	3	0	4	0	3	0	4	0	3	10.6	57.46	0	11.757	245000000	0	64021000	0	1.81E+08	0	4309400	0	8776800	
Q04941	Q04941	Proteolipid protein 2	PLP2	sp Q04941	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	8.6	16.697	0.001159	2.8106	244800000	174750	0	2.45E+08	174750	0	0	0	0	1006000
Q6XZF7	Q6XZF7	Dynamitin-binding protein	DNMBP	sp Q6XZF7	9	9	9	0	9	0	9	0	9	0	9	0	9	0	9	9.3	177.35	0	41.852	244660000	0	0	0	2.45E+08	0	0	0	0	1006200
Q9UJX3	Q9UJX3	Anaphase-promoting complex subunit 7	ANAPC7	sp Q9UJX3	11	11	11	0	9	10	6	0	9	10	6	0	9	10	6	23	66.855	0	31.08	244660000	0	87190000	53232000	1.04E+08	0	7240200	34917000	5587100	
Q9NRX4	Q9NRX4	Zinc finger phosphohistidine phosphatase	PHPT1	sp Q9NRX4	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	44.8	13.832	0	15.692	244650000	0	1.34E+08	0	1.1E+08	0	11075000	0	5307700	
Q9UPT8	Q9UPT8	Zinc finger CCH domain-containing protein 4	ZC3H4	sp Q9UPT8	8	8	8	0	7	4	5	1	7	4	5	1	7	4	5	14	140.26	0	18.025	244620000	3762500	1.13E+08	10083000	1.51E+08	8299900	6483000	7346700	4328600	
Q15629	Q1																																

Q86T59	Q86T59	395 ribosomal protein L52, mitochondrial	MRLP52	sjQ86T59	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	41.5	13.664	0	33.643	230170000	0	1.14E+08	3107400	1.13E+08	0	8343600	3872000	4590400	
Q5TC12	Q5TC12	ATP synthase mitochondrial F1 complex assembly ATPAF1	sjQ5TC12	6	6	6	0	6	0	0	0	0	0	0	0	0	0	0	0	4	24.1	36.436	0	20.354	229600000	0	9948000	0	1.35E+08	0	10041000	0	3865700
A0A0G2JM	A0A0G2JM	HLA class II histocompatibility antigen, DR alpha chain HLA-DRA; tr A0A0G2	sjA0A0G2	2	2	2	0	2	0	2	0	2	0	2	1	0	2	1	0	2	11.4	28.621	0	5.1899	229500000	0	1748000	0	2.28E+08	0	0	0	8214600
P55196	P55196	Afafin	MLLT4	sjP55196	6	6	6	0	5	4	5	0	5	4	5	0	5	4	5	5	5.8	206.8	0	33.447	229250000	0	5082500	5834500	1.73E+08	0	4326200	6043000	5129700
Q14254	Q14254	Flotillin-2	FLOT2	sjQ14254	6	6	6	5	2	1	2	5	2	1	2	5	2	1	2	21.3	47.064	0	22.999	10976000	1.91E+08	10976000	1808000	25528000	1.91E+08	970540	422320	7315000	
Q9BTE6	Q9BTE6	Alanyl-L-arginine editing protein Aarsd1	AARS1	sjQ9BTE6	7	7	7	0	7	1	6	0	5	1	6	0	5	1	6	24.5	45.479	0	21.381	229040000	0	1.11E+08	450040	1.18E+08	0	5611500	1279700	8013100	
Q08170	Q08170	Serine/arginine-rich splicing factor 4	SRSF4	sjQ08170	8	4	2	8	5	7	8	1	4	3	4	1	4	3	4	15.4	56.678	0	7.3591	228970000	128510	1.8E+08	5089500	43754000	1431000	1287400	2483700	1754600	
Q9NUY8	Q9NUY8	TBC1 domain family member 23	TBC1D23	sjQ9NUY8	3	3	3	0	0	0	3	0	0	0	3	0	0	3	7.7	78.321	0	11.274	228790000	0	0	0	2.29E+08	0	0	0	0	9409100	
Q9H553	Q9H553	Alpha-1,3/1,6-mannosyltransferase ALG2	ALG2	sjQ9H553	5	5	5	0	1	1	5	0	1	1	5	0	1	1	5	19.2	47.091	0	17.537	228400000	0	8396100	1246600	2.19E+08	0	535390	569590	9469100	
P42892	P42892	Endothelin-converting enzyme 1	ECE1	sjP42892	6	6	6	0	0	0	6	0	0	0	0	0	0	0	6	11.4	87.163	0	31.662	228320000	0	1.6E+08	0	2.28E+08	0	0	0	938900	
P23270	P23270	NADPH:adenosine diphosphate reductase, mitochondrial FDXR	FDXR	sjP23270	5	5	5	0	4	0	4	0	4	0	4	0	4	0	4	13.6	53.926	0	13.553	228140000	0	5404800	0	1.74E+08	0	4613700	0	7315000	
Q9H074	Q9H074	Polyadenylation factor protein-interacting protein PAIP1	PAIP1	sjQ9H074	5	5	5	0	4	0	5	0	4	0	5	0	4	0	5	12.7	53.524	0	8.949	228050000	0	61129000	0	1.67E+08	0	46523700	0	5276900	
Q75940	Q75940	Survival of motor neuron-related-splicing factor 3 SMNDC1	sjQ75940	4	4	4	0	3	3	3	0	3	3	3	3	0	3	3	29.4	26.711	0	16.264	228050000	0	1.22E+08	10962000	95576000	0	9776400	7847300	4384500		
Q9NRX1	Q9NRX1	RNA-binding protein PNO1	PNO1	sjQ9NRX1	3	3	3	0	2	3	3	0	2	1	3	0	2	1	3	16.7	27.924	0	10.052	227950000	0	41561000	6035500	1.8E+08	0	4835700	4467400	5833600	
P82930	P82930	28S ribosomal protein S34, mitochondrial	MRRP534	sjP82930	6	6	6	2	6	4	5	2	6	4	5	2	6	4	5	36.2	25.65	0	17.278	227780000	18162000	1.39E+08	6173100	6431700	13191000	14886000	6611000	2532100	
Q8NH68	Q8NH68	Putative phospholipase B-like 2;Putative phospho	PLBD2	sjQ8NH68	5	5	5	0	2	0	5	0	2	0	5	0	2	0	5	10.7	65.471	0	15.981	227360000	0	11458000	0	2.16E+08	0	3705900	0	6183100	
Q9H078	Q9H078	Caseinolytic peptidase B protein homolog	CLPB	sjQ9H078	9	9	9	2	7	1	5	2	7	1	5	2	7	1	5	17.7	78.728	0	62.652	227110000	8681300	1.27E+08	1327000	89944000	6350400	1023300	3392000	4505800	
A6NH12	A6NH12	Tubulin alpha chain-like 3	TUBA13	sjA6NH12	4	1	1	1	4	4	0	1	1	1	1	1	1	1	1	8.3	49.908	0	67.899	227070000	0	11562000	3883900	1.36E+08	0	8405900	3049800	4456400	
Q8NFW8	Q8NFW8	N-cyfinneuraminatase cytidyltransferase	CMAS	sjQ8NFW8	4	4	4	0	4	2	4	0	4	2	4	0	4	2	4	12.9	48.379	0	25.543	226690000	0	54121000	1570900	1.57E+08	0	4519200	11331000	5927500	
O14578	O14578	Citron Rho-interacting kinase	CIT	sjO14578	10	10	10	0	2	4	10	0	2	4	10	0	2	4	10	6.3	23.413	0	1884800	226400000	0	1.08E+08	1749000	2.17E+08	0	2302900	6396300	5205200	
Q8WUAA	Q8WUAA	Peptidyl-prolyl cis-trans isomerase-like 4	PP1L4	sjQ8WUAA	6	6	6	0	6	4	4	0	6	4	4	0	6	4	4	15.4	57.224	0	26.586	225970000	0	1.08E+08	1334300	1.04E+08	0	8463900	8843300	5497800	
O75616	O75616	GTPase Era, mitochondrial	ERAL1	sjO75616	4	4	4	0	4	1	4	0	4	1	4	0	4	1	4	11.7	48.349	0	15.039	225930000	0	75000000	1911800	1.49E+08	0	3961100	3038900	7024200	
Q9NQX3	Q9NQX3	Gephyrin;Molybdopterin adenylyltransferase;Mo	GPNN	sjQ9NQX3	5	5	5	0	4	1	5	0	4	1	5	0	4	1	5	10.7	79.748	0	24.277	225790000	0	63651000	114790	1.62E+08	0	7488400	970890	3891800	
O75326	O75326	Semaphorin-7A	SEMA7A	sjO75326	6	6	6	0	0	1	6	0	0	1	6	0	0	1	6	11.9	74.823	0	27.856	225510000	0	2.833300	2.23E+08	0	0	2932800	8129100		
Q7L523;Q7L523;Q1	Q7L523;Q7L523;Q1	Ras-related GTP-binding protein A;Ras-related G1	CRAGA;RR	sjQ7L523	4	4	4	0	3	1	4	0	3	1	4	0	3	1	4	13.7	36.566	0	9.4497	225050000	0	43757000	1232500	1.9E+08	0	4199500	2728700	5162100	
Q9ULX6	Q9ULX6	A-kinase anchor protein B-like	AKAP9B	sjQ9ULX6	6	6	6	0	6	3	4	0	6	3	4	0	6	3	4	13.5	71.639	0	40.482	225010000	0	1.6E+08	5065600	59512000	0	11854000	5209200	2934000	
Q9BKX5	Q9BKX5	Bcl-2-like protein 13	BCL113	sjQ9BKX5	4	4	4	0	2	0	4	0	2	0	4	0	2	0	4	13.6	52.713	0	10.979	224930000	0	2.15E+0000	0	2.03E+08	0	4942900	0	5232400	
Q4KW98	Q4KW98	1-phosphatidylinositol 4,5-bisphosphate phospho	PLCH1	sjQ4KW98	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0.5	189.22	0.003082	2.101	224580000	0	5938400	0	1.65E+08	0	5234600	0	5178300	
Q92990	Q92990	Glomulin	GLMN	sjQ92990	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	7.9	68.207	0	13.824	224310000	0	9997800	0	1.24E+08	0	1003100	0	3895100	
O75592	O75592	E3 ubiquitin-protein ligase MYCBP2	MYCBP2	sjO75592	9	9	9	1	6	5	8	1	6	5	8	1	6	5	8	2.7	513.63	0	11.548	224190000	1289700	60203000	20332000	142E+08	4150000	4357300	13568000	4038800	
Q9BY77	Q9BY77	Polymerase delta-interacting protein 3	POLIP3	sjQ9BY77	10	10	10	4	8	5	4	8	5	4	8	5	4	8	5	33.5	46.089	0	38.087	224000000	42026000	1.2E+08	6833600	55219000	34405000	10477000	18181000	2763900	
Q9HA64	Q9HA64	Ketosamine 3-kinase	FNK3RP	sjQ9HA64	6	6	6	0	6	4	6	0	6	4	6	0	6	4	6	24.6	34.412	0	18.999	223840000	0	86264000	6658300	1.31E+08	0	3718900	4291100	5850400	
O60645	O60645	Exocyst complex component 3	EXO3C	sjO60645	7	7	7	0	3	2	7	0	3	2	7	0	3	2	7	12.2	78.566	0	22.821	223830000	0	23649000	4512800	1.96E+08	0	3185400	3721100	6039800	
P26232	P26232	Catenin alpha-2	CTNNA2	sjP26232	4	1	1	0	4	2	4	0	1	0	1	0	1	0	1	5.5	105.31	0	14.936	223800000	0	70414000	0	1.53E+08	0	6746400	0	5768600	
P29323;P5	P29323	Ephrin type-B receptor 2	EPH82	sjP29323	8	8	8	0	1	8	0	1	8	0	1	8	0	1	8	10	117.49	0	20.672	223440000	0	51634000	1.72E+08	0	0	34838000	6259800	9158000	
P56378	P56378	6.8 kDa mitochondrial proteolipid	MP68	sjP56378	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	48.3	6.662	0.000246	3.6573	222930000	0	1.1E+08	0	1.12E+08	0	11397000	0	2964100	
Q9B175	Q9B175	RNA-binding protein 10	RBM10	sjQ9B175	8	8	8	2	7	5	7	2	7	5	7	2	7	5	7	15.4	103.37	0	22.812	222850000	4338500	75987000	18045000	1.24E+08	5680400	7541700	12417000	2641300	
Q7274A	Q7274A	PX domain-containing protein kinase-like protein	PXX	sjQ7274A	5	5	5	0	1	0	5	0	1	0	5	0	1	0	5	14.4	64.949	0	14.334	222730000	0	6661700	0	2.16E+08	0	0	0	8886100	
Q8NB90	Q8NB90	Spermatogenesis-associated protein 5	SPATAS	sjQ8NB90	8	8	8	0	7	1	7	6	8	0	7	6	8	0	7	13.4	97.903	0	19.864	222620000	0	71725000	19604000	1.31E+08	0	5927000	13576000	5392200	
Q9H814	Q9H814	Phosphorylated adapter RNA export protein	PHAX	sjQ9H814	8	8	8	0	8	4	6	0	8	4	6	0	8	4	6	30.7	44.402	0	16.872	222510000	0	93281000	7009900	1.22E+08	0	5599900	8201000	4158800	
Q8TCE6;Q1	Q8TCE6;Q1	Protein FAM45A;Protein FAM45B	FAM45A;F	sjQ8TCE6	4	4	4	0	2	1	4	0	2	1	4	0	2	1	4	18.5	40.513	0	23.956	222500000	0	41088000	1330100	1.77E+08	0	2730500	2142800	7190300	
Q9BEY8	Q9BEY8	Cob(ly)rimic acid a,c-diamide adenosyltransferase	MMAB	sjQ9BEY8	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	20	27.388	0	9.4084	222440000	0	1.4E+08	0	8242000	0	12001000	0	3731500	
Q70E73	Q70E73	Ras-associated and pleckstrin homology domains	RAPH1	sjQ70E73	8	8	8	0	2	1	8	0	2	1	8	0	2	1	8	12.3	135.25	0	33.73	222330000	0	5294900	548050	2.16E+08	0	621400	439450	6939000	
Q14777	Q14777	Kinetochore protein NDC90 homolog	NDC90	sjQ14777	10	10	10	0	4																								

Q96C90	Q96C90	Protein phosphatase 1 regulatory subunit 14B	PPP1R14B	sp Q96C90	3	3	3	1	3	0	2	1	3	0	2	43.5	15.911	0	25.301	211130000	3933000	84337000	0	1.23E+08	6806600	3858900	0	5754400		
Q5T2E6	Q5T2E6	UFP6068 protein C10orf76	C10orf76	sp Q5T2E6	5	5	0	0	2	0	5	0	2	0	5	12.8	78.71	0	36.69	210900000	0	4870000	0	2.06E+08	0	743480	0	8159000		
Q5C0D9	Q5C0D9	Ethanolaminephosphotransferase 1	EPT1	sp Q5C0D9	2	2	0	1	1	2	0	1	1	2	0	9.8	45.228	0	14.995	210790000	0	34470000	5406500	1.71E+08	0	4460700	5333500	3906200	0	8196000
Q9BWH6	Q9BWH6	RNA polymerase II-associated protein 1	RPAP1	sp Q9BWH6	8	8	8	0	6	0	8	0	6	0	8	9.6	152.75	0	21.922	210770000	0	45868000	0	1.65E+08	0	4490800	0	6334000		
Q9ULX3	Q9ULX3	RNA-binding protein NOB1	NOB1	sp Q9ULX3	5	5	1	3	4	3	1	3	4	3	1	17.7	46.674	0	17.62	210630000	36188000	33256000	14763000	1.26E+08	29308000	7255800	7651300	10024000		
P29992;O5	P29992	Guanine nucleotide-binding protein subunit alpha	GNAI1	sp P29992	6	6	6	3	1	5	0	3	1	5	0	4	24.8	42.123	0	18.946	210320000	0	61650000	1163000	1.48E+08	0	0	0	5776200	
Q8WWC4	Q8WWC4	Uncharacterized protein C2orf47, mitochondrial	C2orf47	sp Q8WWC4	2	2	0	2	0	2	0	2	0	2	0	2	7.2	32.544	0	5.4616	210280000	0	86662000	0	1.24E+08	0	7031700	0	5691400	
Q92466	Q92466	DNA damage-binding protein 2	DMB2	sp Q92466	3	3	3	0	1	0	3	0	1	0	3	11.7	47.863	0	13.416	210240000	0	67857000	0	1.42E+08	0	7898600	0	3938700		
Q9NUQ7	Q9NUQ7	Ufm1-specific protease 2	UFSF2	sp Q9NUQ7	5	5	5	0	2	1	5	0	2	1	5	0	18.6	53.261	0	15.306	210180000	0	23605000	3548200	1.83E+08	0	8017300	3817200	5157600	
Q43148	Q43148	mRNA cap guanine-N7 methyltransferase	RNMT	sp Q43148	6	6	0	4	2	6	0	4	2	6	0	18.3	54.843	0	16.95	210080000	0	16999000	5187100	1.88E+08	0	2616700	2446500	7641000		
P48773	P48773	Heat shock 70 kDa protein 13	HSP13	sp P48773	5	5	0	0	5	0	4	0	5	0	4	12.7	51.927	0	12.193	210050000	0	97387000	0	1.13E+08	0	8154200	0	5063600		
Q7L210	Q7L210	75k snRNA methylphosphate capping enzyme	MEPCE	sp Q7L210	4	4	1	4	3	1	4	3	1	4	3	12.3	74.354	0	13.111	209190000	612140	60961000	9129200	1.39E+08	4676100	3870300	5473300	3796600		
Q14530	Q14530	Thioredoxin domain-containing protein 9	TXNDQ9	sp Q14530	4	4	4	0	3	1	4	0	3	1	4	22.1	26.534	0	33.686	209090000	0	18154000	2081800	1.89E+08	0	1798900	1293900	7673300		
Q9Y2Q9	Q9Y2Q9	28S ribosomal protein S28, mitochondrial	MRPS28	sp Q9Y2Q9	3	3	3	0	3	2	3	0	3	2	3	23.5	20.843	0	16.068	208530000	0	98444000	7506200	1.06E+08	0	5792700	6862500	5116000		
Q9NP92	Q9NP92	28S ribosomal protein S30, mitochondrial	MRPS30	sp Q9NP92	4	4	4	0	4	2	4	0	4	2	4	13	50.364	0	7.1401	207890000	0	50458000	4802500	1.53E+08	0	5015000	5126700	3810500		
Q75475	Q75475	PC4 and SFRS1-interacting protein	PSIP1	sp Q75475	7	7	6	0	3	6	0	5	3	6	0	12.5	60.103	0	16.253	20760000	0	16.253	20760000	88858000	0	7614600	6476400	2459000		
P12109	P12109	Collagen alpha-1(VI) chain	COL6A1	sp P12109	6	6	6	0	5	1	6	0	5	1	6	7.3	108.53	0	18.624	206900000	0	19601000	507830	1.87E+08	0	1710000	2574500	5466300		
P61962	P61962	DBD1- and CUL4-associated factor 7	DCAF7	sp P61962	5	5	5	0	5	5	1	0	5	1	0	1.7	38.926	0	13.094	206850000	0	1.53E+08	31125000	22457000	0	12076000	14203000	7263100		
Q8TD55	Q8TD55	Plectrokin homology domain-containing family O	PLEKH02	sp Q8TD55	6	6	6	0	6	3	0	6	3	0	6	3	19.8	53.349	0	40.758	206790000	0	128440000	78346000	0	0	85327000	4027000	0	
Q96EK9	Q96EK9	Protein KTI12 homolog	KTI12	sp Q96EK9	7	7	7	0	4	1	7	0	4	1	7	25.7	38.615	0	23.073	206690000	0	20241000	534500	1.86E+08	0	1787500	497070	7504700		
P23634	P23634	Plasma membrane calcium-transporting ATPase 4	ATP2B4	sp P23634	15	7	7	1	9	3	15	1	7	1	7	16.3	137.92	0	14.039	206520000	3526600	5439700	10339000	1.82E+08	0	3026900	5950600	6149000		
P02751	P02751	Fibronectin;Anastellin;Ug1;Y1;Ug2;Yg1-Y3	FN1	sp P02751	10	10	10	2	0	5	9	2	0	5	9	7.2	273.32	0	33.607	206490000	6807200	0	18134000	1.87E+08	9027600	0	10176000	7255800	0	
P51809	P51809	Vesicle-associated membrane protein 7	VAMP7	sp P51809	3	3	3	0	3	0	3	0	3	0	3	18.2	24.935	0	9.1567	206460000	0	1.14E+08	0	92456000	0	9865400	0	3985800		
Q9BPJ6	Q9BPJ6	Hydroxyrimidinease-related protein 5	DPYSL5	sp Q9BPJ6	7	7	7	0	7	2	0	7	2	0	7	23.4	61.421	0	41.742	206220000	0	2.05E+08	1093900	0	0	18284000	532500	0		
Q75569	Q75569	Interferon-inducible double-stranded RNA-depen	PKRRA	sp Q75569	6	6	6	2	6	3	2	6	3	2	6	3	29.1	34.404	0	22.166	206000000	9130200	95943000	15563000	85362000	10552000	5439100	12210000	3355300	
P60520	P60520	Gamma-aminobutyric acid receptor-associated pr	GABARAP1	sp P60520	4	4	4	0	4	0	4	0	4	0	4	29.9	13.667	0	10.976	205800000	0	1.04E+08	0	1.02E+08	0	9229300	0	4128000		
Q13505	Q13505	Melanin-1	MTX1	sp Q13505	6	6	6	0	4	1	6	0	4	1	6	20	51.462	0	20.169	205580000	0	44579000	1233900	1.6E+08	0	3682600	3195700	4451000		
Q6N267;Q	Q6N267;Q	Mitotic-spindle organizing protein 2B;Mitotic-sp	MZT2B;M2	sp Q6N267	5	5	5	0	4	1	4	0	4	1	4	56.3	16.225	0	14.072	205450000	0	77410000	3918100	1.24E+08	0	5713000	0	5669400		
Q9NYF8	Q9NYF8	Bcl-2-associated transcription factor 1	BCLAF1	sp Q9NYF8	10	10	10	2	10	6	2	10	6	2	10	6	12.7	106.12	0	15.808	205250000	7763200	1.15E+08	13277000	69676000	14724000	7021300	6202400	1277900	
Q13325;Q	Q13325	Interferon-induced protein with tetratricopeptide	IFIT5	sp Q13325	3	3	3	0	3	0	3	0	3	0	3	6.2	55.846	0	18.392	205210000	0	48233000	0	1.57E+08	0	4344800	0	6362400		
Q96J17	Q96J17	Protein disulfide-isomerase TMX3	TMX3	sp Q96J17	4	4	4	0	4	1	4	0	4	1	4	16.3	51.871	0	11.487	205040000	0	39117000	1162100	1.65E+08	0	2474900	2024900	6505300		
Q9BX40	Q9BX40	Protein LSM14 homolog B	LSM14B	sp Q9BX40	6	6	6	1	3	5	4	1	3	5	4	28.3	42.07	0	26.712	204730000	29545000	54747000	33442000	86997000	30267000	8728600	13020000	8406000		
Q14997	Q14997	Proteasome activator complex subunit 4	PSME4	sp Q14997	9	9	9	1	7	0	6	1	7	0	6	6.3	211.33	0	30.315	204530000	5946600	68172000	0	1.3E+08	6667000	4812100	0	5840100		
P12235	P12235	ADP/ATP translocase 1	SLC25A4	sp P12235	11	3	3	5	11	9	9	1	3	3	3	36.6	33.064	0	7.6277	204460000	293150	1.4E+08	9533600	54362000	1085900	15339000	3091300	1783200	0	
Q9Y399	Q9Y399	28S ribosomal protein S2, mitochondrial	MRPS2	sp Q9Y399	7	7	7	2	7	3	5	2	7	3	5	19.6	33.249	0	13.273	204230000	8917800	9999000	5420200	88989000	10025000	7074000	4007900	3964700		
Q7Z7F7	Q7Z7F7	39S ribosomal protein L55, mitochondrial	MRPL55	sp Q7Z7F7	2	2	2	0	2	1	2	0	2	1	2	18.8	15.128	0	5.1522	204160000	0	1.13E+08	1507600	89459000	0	7846300	3714400	3109400		
O00291;O	O00291	Huntingtin-interacting protein 1	HIP1	sp O00291	6	6	6	0	6	1	0	6	0	6	8.8	116.22	0	76.248	203710000	0	8710200	0	1.95E+08	0	767790	0	8019700			
P46199	P46199	Translation initiation factor IF-2, mitochondrial	MTIF2	sp P46199	7	7	7	0	5	0	7	0	5	0	7	13.5	81.316	0	20.838	203520000	0	58454000	0	1.45E+08	0	5816800	0	5301900		
Q9Y649	Q9Y649	Signal peptidase complex subunit 1	SPCS1	sp Q9Y649	2	2	2	1	2	1	2	1	2	1	2	10.1	18.298	0	7.9797	203200000	1328800	67603000	1041400	1.33E+08	2421900	6322200	1757600	2962500		
Q14137	Q14137	Ribosome biogenesis protein BOP1	BOP1	sp Q14137	3	3	3	0	3	0	3	0	3	0	3	16	83.629	0	37.281	202860000	0	81210000	7341900	1.14E+08	0	4766900	7502100	4524200		
Q05086	Q05086	Ubiquitin-protein ligase E3A	UBE3A	sp Q05086	11	11	11	0	7	1	9	1	7	1	9	16.8	100.69	0	57.262	202570000	22911000	63160000	2222200	1.14E+08	16371000	7787800	4500600	6029500		
Q9BC95	Q9BC95	Evolutionarily conserved signaling intermediate I	ECISIT	sp Q9BC95	4	4	4	0	3	1	4	0	3	1	4	19.3	49.148	0	23.469	202390000	0	61300000	4082600	1.37E+08	0	5075200	4372600	4333600		
Q92692	Q92692	Nectin-2	NPN2	sp Q92692	2	2	2	0	1	0	2	0	1	0	2	5.8	57.741	0	7.2769	202250000	0	19953000	0	1.82E+08	0	0	0	7497100		
Q9H270	Q9H270	Vacuolar protein sorting-associated protein 11 ho	VPS11	sp Q9H270	4	4	4	0	3	1	4	0	3	1	4	7.1	107.84	0	4.995	201400000	0	45170000	573370	1.55E+08	0	4285600	3055700	3449400		
P49418	P49418	Amphiphysin	AMPH	sp P49418	7	7	6	0	0	7	0	0	0	0	6	21.3	76.256	0	19.619	201920000	0	0	0	2.02E+08	0	0	0	8304300		
Q9BLU5	Q9BLU5	MAP kinase-interacting serine/threonine-protein	MKNK1	sp Q9BLU5	1	1	1	0	1	0	1	0	1	0	1	2.6	51.342	0.001164	0.09E+08	20689000	0	1.1E+08	0	1.0923000	71307000	0	13126000	2414500		
Q9H0J3	Q9H0J3	Magnesium transporter protein 1	MAGT1	sp Q9H0J3	7	7	7	0	1	1	3	0	1	1	3	10.1	38.036	0	28.009	200940000	0	132								

Q13425	Q13425	Beta-2-syntrophin	SNTB2	sj Q13425	5	5	5	0	4	0	5	0	4	0	5	0	4	0	5	13.1	57.949	0	10.317	191740000	0	32675000	0	1.59E+08	0	2725300	0	6051000		
Q9UKN8	Q9UKN8	General transcription factor 3C polypeptide 4	GTFC3C4	sj Q9UKN8	9	9	9	0	9	4	6	0	9	4	6	0	9	4	6	18.4	91.981	0	16.626	191740000	0	1.18E+08	5489300	68497000	0	7763800	0	2995500		
Q9Y2R9	Q9Y2R9	28S ribosomal protein S7, mitochondrial	MRP57	sj Q9Y2R9	6	6	2	4	5	4	2	4	5	4	2	4	5	4	23.8	28.134	0	15.306	191700000	10813000	88667000	18417000	73500000	11311000	6771600	12149000	3808800			
P83111	P83111	Serine beta-lactamase-like protein LACTB, mitochond	LACTB	sj P83111	6	6	0	1	6	4	0	1	6	4	0	1	6	4	15	60.693	0	16.356	191610000	0	2025900	71580000	1.18E+08	0	1872300	47958000	3302800			
Q96CW5	Q96CW5	Gamma-tubulin complex component 3	TUBGCP3	sj Q96CW5	7	7	0	0	6	2	7	0	6	2	7	0	6	2	11.2	103.57	0	26.38	191260000	0	70904000	4872900	1.16E+08	0	4255100	4804200	5158100			
Q8TEM1	Q8TEM1	Nuclear pore membrane glycoprotein 210	NUP210	sj Q8TEM1	5	5	5	0	5	1	1	0	5	1	1	0	5	1	3.3	205.11	0	9.1985	191260000	0	1.48E+08	9129400	33715000	0	1502300	3782500	1182600			
P46013	P46013	Antigen Ki-67	MKI67	sj P46013	11	11	11	2	9	9	10	2	9	9	10	2	9	9	10	6.2	358.69	0	17.833	191130000	16660300	4.46E+08	17692000	1.26E+08	1932800	3351700	13310000	478200		
P42330	P42330	Aldo-keto reductase family 1 member C3	AKR1C3	sj P42330	7	7	3	0	0	1	7	0	0	0	3	0	3	33.1	36.853	0	15.272	190580000	0	0	0	0	0	1.91E+08	0	0	0	7837700		
Q94766	Q94766	Galactosylglucosyltransferase protein 3-beta-glucuro	BGGAT3	sj Q94766	7	7	7	0	5	5	6	0	5	5	6	0	5	5	6	32.5	37.121	0	21.233	190410000	0	29553000	10969000	1.5E+08	0	2879500	7652500	5606500		
Q8W47	Q8W47	Negative elongation factor C/D	NEFCD	sj Q8W47	5	5	5	0	4	0	5	0	4	0	5	0	4	0	5	11.7	66.246	0	9.4882	189980000	0	63633000	0	1.24E+08	0	6730500	0	4168900		
Q9H118	Q9H118	Activating signal co-receptor 1 complex subunit 7	ASC2	sj Q9H118	8	8	8	1	5	5	7	1	5	5	7	1	5	5	7	16.9	86.359	0	39.482	189960000	0	694550	65217000	16067000	1.08E+08	2042700	4591100	9253800		
Q8W442	Q8W442	Charged multivesicular body protein 1a	CHMP1A	sj Q8W442	2	2	2	1	2	0	2	1	2	0	2	1	2	0	2	9.2	21.703	0	5.6132	189710000	148090	74553000	0	1.15E+08	344430	6261100	0	4844000		
Q9NVRO	Q9NVRO	Kelch-like protein 11	KLHL11	sj Q9NVRO	9	9	9	2	2	2	8	3	2	2	8	3	2	2	8	3	17.9	80.147	0	25.278	189620000	20350000	30366000	87668000	51238000	7694100	3074200	69957000	3321500	
Q9BLU23	Q9BLU23	Lipase maturation factor 2	LMF2	sj Q9BLU23	5	5	5	0	1	2	5	0	1	2	5	0	1	2	5	8.2	79.697	0	17.474	189310000	0	4552200	1.85E+08	0	0	6469200	4190000	0	0	
P12931;Q5	P12931	Proto-oncogene tyrosine-protein kinase Src	SRC	sj P12931	6	6	6	3	0	4	1	6	0	4	1	6	0	4	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P06280	P06280	Alpha-galactosidase A	GLA	sj P06280	4	4	4	4	1	1	0	4	1	1	0	4	1	1	0	4	1	12.8	48.766	0	13.3	189240000	0	1.83E+08	3922900	0	1762700	161900	0	0
Q96559	Q96559	Ran-binding protein 9	RANBP9	sj Q96559	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	2	11	77.846	0	14.211	189180000	0	96495000	8172400	84509000	0	7031800	5175100	5266400	
Q16831	Q16831	Uridine phosphorylase 1	UPP1	sj Q16831	6	6	6	0	1	2	6	0	1	2	6	0	1	2	6	22.9	33.934	0	10.689	188990000	0	1212100	1368600	1.86E+08	0	152500	606540	7933800		
Q9Y263	Q9Y263	Phospholipase A-2-activating protein	PLAA	sj Q9Y263	9	9	9	0	5	0	9	0	5	0	9	0	5	0	9	15.1	87.156	0	23.751	188960000	0	45619000	0	1.43E+08	0	4476400	0	5439800		
Q9GZT4	Q9GZT4	Serine racemase	SRR	sj Q9GZT4	6	6	6	0	3	0	6	0	3	0	6	0	3	0	6	30	36.566	0	20.487	188660000	0	12759000	0	1.76E+08	0	2488000	0	5870600		
P43003	P43003	Excitatory amino acid transporter 1	SCL1A3	sj P43003	3	3	3	0	0	0	3	0	0	0	3	0	0	0	3	8.9	59.572	0	8.2084	188540000	0	0	0	0	1.89E+08	0	0	0	7753700	
P10909	P10909	Clusterin;Clusterin beta chain;Clusterin alpha chain	CLU	sj P10909	4	4	4	0	1	3	3	0	1	3	3	0	1	3	3	14	52.494	0	21.277	188040000	0	4937900	15018000	1.68E+08	0	1628000	9151400	6660200		
Q9BU14	Q9BU14	DNA-directed RNA polymerase III subunit RPB3	POLR3C	sj Q9BU14	4	4	4	0	3	0	3	0	3	0	3	0	3	0	3	12.2	60.611	0	12.462	187850000	0	43039000	0	1.45E+08	0	6373100	0	3376100		
Q9UN16	Q9UN16	Dual specificity protein phosphatase 12	DUSP12	sj Q9UN16	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	13.8	37.687	0	9.3953	187690000	0	17093000	0	1.71E+08	0	2428100	0	6094500		
P51003;Q5	P51003	Poly(A) polymerase alpha	PAPOLA	sj P51003	7	7	7	0	4	0	5	0	4	0	5	0	4	0	5	13.3	82.842	0	43.804	187330000	0	58945000	0	1.28E+08	0	4586800	0	5907300		
Q57447	Q57447	E3 ubiquitin-protein ligase HECTD3	HECTD3	sj Q57447	5	5	5	0	2	1	5	0	2	1	5	0	2	1	5	8.2	97.112	0	17.2	187220000	0	29759000	2232000	1.55E+08	0	3551800	0	5451500		
Q13576	Q13576	Ras GTPase-activating-like protein IQGAP2	IQGAP2	sj Q13576	6	6	5	5	1	6	0	1	1	5	0	1	1	5	0	1	5.1	180.58	0	20.103	186860000	2976500	62680000	0	1.21E+08	4808100	4437100	0	4249700	
Q9Y6M1	Q9Y6M1	Insulin-like growth factor 2 mRNA-binding protein	IGFBP2	sj Q9Y6M1	8	7	7	2	5	7	6	1	4	6	5	7	6	1	4	6	5	17.5	66.121	0	17.163	186310000	2064800	49308000	22245000	1.13E+08	11275000	3442300	8347800	2930000
P40123	P40123	Adenylyl kinase-associated protein 2	CAF2	sj P40123	6	6	5	0	5	1	6	0	4	0	5	0	4	0	5	15.1	52.823	0	11.482	186070000	0	79746000	0	1.06E+08	0	6727000	0	3775900		
Q6P1N9	Q6P1N9	Putative deoxyribonuclease TADTN1	TADTN1	sj Q6P1N9	6	6	6	1	3	0	5	1	3	0	5	1	3	0	5	20.9	33.601	0	13.847	185780000	10539000	32223000	0	1.43E+08	11127000	5340700	0	2793800		
P57740	P57740	Nuclear pore complex protein Nup107	NUP107	sj P57740	5	5	5	0	0	5	0	5	0	0	5	0	0	5	0	5	8.8	106.37	0	44.266	185730000	0	12260000	0	1.73E+08	0	1637000	0	6537100	
P78362;Q5	P78362	SRSF protein kinase 2;SRSF protein kinase 2 N-ter	SRPK2	sj P78362	5	4	4	1	3	4	5	0	2	3	4	5	0	2	3	4	9.6	77.526	0	13.427	185520000	0	21788000	7553700	1.56E+08	0	3601000	4743700	5705000	
Q86YP4	Q86YP4	Transcriptional repressor p66-alpha	GATAD2A	sj Q86YP4	8	8	7	1	8	5	6	1	8	5	6	1	8	5	6	18.8	68.600	0	30.251	185400000	3492200	78455000	8484400	94970000	70140000	3545700	4726900	2075000	0	
Q15286	Q15286	Ras-related protein Rab-35	RAB35	sj Q15286	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	17.4	23.025	0	15.866	185210000	0	94846000	948800	89419000	0	6260700	3240500	3174300		
Q9HAN9	Q9HAN9	Nicotinamide/nicotinic acid mononucleotide ader	NMNAT1	sj Q9HAN9	5	5	5	0	2	5	4	0	2	5	4	0	2	5	4	22.9	31.932	0	11.803	184810000	0	21837000	5.05E+08	0	0	2346800	38595000	4293100	0	
Q6UXV4	Q6UXV4	MICOS complex subunit MIC27	APOOD	sj Q6UXV4	8	8	8	0	4	0	8	0	4	0	8	0	4	0	8	43.3	29.159	0	23.219	183810000	0	29973000	0	1.54E+08	0	3441800	0	5527000		
P49773	P49773	Histidine triad nucleotide-binding protein 1	HINT1	sj P49773	3	3	3	2	3	2	3	2	3	2	3	2	3	2	3	30.2	13.802	0	14.851	183660000	71388000	68399000	1584700	24288000	54930000	15561000	5991200	3933800		
Q86U44	Q86U44	N6-adenosine-methyltransferase 70 kDa subunit	METTL3	sj Q86U44	6	6	6	0	6	1	4	0	6	1	4	0	6	1	4	20.7	64.473	0	17.455	183640000	0	71889000	2025700	1.1E+08	0	4731500	3519300	3961000		
Q95302;Q	Q95302	Peptidyl-prolyl cis-trans isomerase FKBP9	FKBP9	sj Q95302	6	6	6	0	1	4	0	1	4	0	1	4	0	1	4	0	6	16.8	63.083	0	18.423	183600000	0	3148500	0	1.8E+08	0	296410	0	7402400
Q7Z7H5	Q7Z7H5	Transmembrane emp24 domain-containing prote	TMED4	sj Q7Z7H5	4	4	4	0	3	0	4	0	3	0	4	0	3	0	4	0	3	26	25.943	0	12.771	183390000	0	73809000	0	1.1E+08	0	6622100	0	4396000
Q9NR69	Q9NR69	Aladin	AAAS	sj Q9NR69	4	4	4	0	4	2	4	0	4	2	4	0	4	2	4	10.4	59.573	0	14.277	183210000	0	33456000	2198500	1.46E+08	0	2651100	2377700	5560200		
Q9NR09	Q9NR09	Baculoviral IAP repeat-containing protein 6	BIRC6	sj Q9NR09	8	8	8	0	8	0	8	0	8	0	8	0	8	0	8	3.3	530.25	0	14.128	183210000	0	67711000	0	95501000	0	6880600	0	4778600		
Q8P265	Q8P265	Coilin-interacting protein 2 homolog B	DIP2B	sj Q8P265	8	8	8	0	2	0	8	0	2	0	8	0	2	0	8	8.3	171.49	0	25.569	182660000	0	8223000	0	1.75E+08	0	5485500	0	7256200		
Q15054	Q15054	DNA polymerase delta subunit 3	POLD3	sj Q15054	5																													



Q5V5T9	Q5V5T9	Obscurin	OBSCN	sp Q5V5T9	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	0.3	868.47	0.001128	2.4182	157910000	0	69049000	6162700	82702000	0	5185900	5664200	2779000		
Q9UNP9	Q9UNP9	Peptidyl-prolyl cis-trans isomerase E	PIPE	sp Q9UNP9	6	5	5	0	6	0	0	5	0	2	0	5	0	2	31.6	33.43		15.247	157890000	0	1.34E+08	0	23897000	0	10275000	0	2512000			
Q9UP83	Q9UP83	Conserved oligomeric Golgi complex subunit 5	COG5	sp Q9UP83	6	6	6	0	4	2	6	0	4	2	6	0	4	2	6	8.7	92.742		20.801	157510000	0	19523000	1323100	1.37E+08	0	2681200	0	4662000		
Q08188	Q08188	Protein-glutamine gamma-glutamyltransferase E; TGM3	sp Q08188	9	9	9	0	1	9	0	0	1	9	0	1	9	0	0	16	76.631		33.032	157500000	0	17700000	139800000	0	0	1815400	93688000	0			
Q92541	Q92541	RNA polymerase-associated protein RTF1 homolog RTF1	sp Q92541	7	7	7	0	2	5	0	0	7	2	5	0	7	2	5	10.6	80.313		19.751	157290000	0	97007000	5829600	54454000	0	6212400	6003400	2492300			
Q43913	Q43913	Origin recognition complex subunit 5	ORC5	sp Q43913	4	4	4	1	3	0	0	2	1	3	0	2	1	3	0	2	10.8	50.282		10.545	157220000	35085000	61601000	0	60534000	0	5430000	0		
Q9NNW5	Q9NNW5	WD repeat-containing protein 6	WDR6	sp Q9NNW5	4	4	4	0	4	3	4	0	4	3	4	0	4	3	4	8.4	121.72		11.38	157180000	0	40540000	7358600	1.09E+08	0	2993900	6581200	3437700		
Q9NQ78	Q9NQ78	Kinesin-like protein KIF13B	KIF13B	sp Q9NQ78	9	9	8	0	1	1	9	0	1	1	9	0	0	8	7.4	202.79		23.123	157010000	0	7844600	1837800	1.47E+08	0	890760	1590900	5503600			
P09884	P09884	DNA polymerase alpha catalytic subunit	POLA1	sp P09884	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	4	165.91		13.672	156870000	0	85977000	0	70894000	0	7541200	0	2953100		
P51948	P51948	CDK-activating kinase assembly factor MAT1	MMAT1	sp P51948	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	15.9	35.823		19.448	156660000	0	13713000	0	1.43E+08	0	3208500	0	3875700		
Q9Y2D4	Q9Y2D4	Exocyst complex component 6B	EXOC6B	sp Q9Y2D4	5	5	5	0	2	0	5	0	2	0	5	0	2	0	5	8.5	94.2		19.73	156520000	0	13201000	0	1.43E+08	0	1163700	0	5894000		
Q9NWU5	Q9NWU5	39S ribosomal protein L22, mitochondrial	MRL22	sp Q9NWU5	3	3	3	1	1	1	3	1	1	3	1	1	1	3	1	19.9	23.64		9.4272	155990000	3272000	32850000	3009600	1.17E+08	4297700	3383700	2363300	2951400		
Q9BH55	Q9BH55	Retinol dehydrogenase 14	RDH14	sp Q9BH55	5	5	5	0	4	0	5	0	4	0	5	0	4	0	5	22.6	36.864		16.032	155960000	0	41959000	0	1.14E+08	0	4608300	0	3761800		
Q9S970	Q9S970	Phosphohydroxy 3-kinnase regulatory subunit 4	PIK3R4	sp Q9S970	4	4	4	0	4	1	2	0	4	1	2	0	4	1	2	3.8	153.1		12.903	155800000	0	31292000	3740400	1.21E+08	0	2693400	2589300	4955900		
Q43149	Q43149	Zinc finger ZZ-type and EF-hand domain-containing ZFEF1	sp Q43149	4	4	4	0	3	0	4	0	3	0	4	0	3	0	4	2	331.07		4.7922	155720000	0	6236800	0	9332000	0	4875700	0	4459400			
Q14149	Q14149	MORC family CW-type zinc finger protein 3	MORC3	sp Q14149	2	2	2	0	1	0	1	0	1	0	1	0	1	0	1	3.7	107.11		7.6237	155530000	0	95740000	0	95785000	0	0	0	2458700		
Q43819	Q43819	Protein SCO2 homolog, mitochondrial	SCO2	sp Q43819	6	6	6	1	6	3	4	1	6	3	4	1	6	3	4	26.3	29.81		11.434	155470000	253730	8309800	2800800	69315000	1303700	5201100	2006500	3800200		
Q16134	Q16134	Electron transfer flavoprotein-ubiquinone oxidoreductase	ETFHDH	sp Q16134	3	3	3	0	2	0	2	0	2	0	2	0	2	0	2	6.3	68.495		9.9616	155170000	0	9865400	0	1.45E+08	0	0	0	5975600		
Q9Y276	Q9Y276	Mitochondrial chaperone BCS1	BCS1L	sp Q9Y276	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	12.6	47.534		12.417	154870000	0	45876000	0	1.09E+08	0	0	0	4482500		
Q6YP21	Q6YP21	Kynurenine-oxoglutarate transaminase 3	CBL2	sp Q6YP21	6	6	6	0	6	0	6	0	6	0	6	0	6	0	2	20	51.4		13.419	154870000	0	1.32E+08	0	22575000	0	11662000	0	0		
Q94804	Q94804	Serine/threonine-protein kinase 10	STK10	sp Q94804	10	9	9	1	3	1	10	0	2	1	9	0	2	1	9	13.5	112.13		25.972	154860000	0	6601600	379430	1.48E+08	0	490800	243700	6184000		
Q9Y211	Q9Y211	Nischarin	NISCH	sp Q9Y211	2	2	2	1	2	0	2	1	2	0	2	1	2	0	2	1.7	166.63	0.000249	3.754	154690000	93853000	50851000	0	9986900	81064000	11195000	0	6487900	0	4858000
Q8I281	Q8I281	ELMO domain-containing protein 2	ELMDD2	sp Q8I281	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	14	34.96		6.9607	154590000	0	35194000	0	1.19E+08	0	3154500	0	4858000		
Q9H974	Q9H974	Queuine tRNA-ribosyltransferase subunit QTRT1	QTRT1	sp Q9H974	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	12.5	46.712		17.46	154480000	0	59297000	7944600	87244000	0	3995600	7497700	2661000		
Q9Y241	Q9Y241	HIG1 domain family member 1A, mitochondrial	HIGD1A	sp Q9Y241	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	19.4	10.143		3.8884	154430000	0	57637000	9353100	87444000	0	5080600	6285200	3996200		
Q9BZV1	Q9BZV1	UBX domain-containing protein 6	UBXN6	sp Q9BZV1	4	4	4	0	2	0	4	0	2	0	4	0	2	0	4	18.4	49.753		21.759	154140000	0	13510000	0	1.41E+08	0	1808600	0	5165700		
P09234	P09234	U1 small nuclear ribonucleoprotein C	SNRPC	sp P09234	2	2	2	1	2	1	2	1	2	1	2	1	2	1	1	13.2	17.394		8.5655	154140000	30349000	8556200	40325000	2874200	9514000	3187000	2124700			
P34896	P34896	Serine hydroxymethyltransferase, cytosolic	SHMT1	sp P34896	6	5	5	0	4	1	6	0	5	0	4	1	6	0	5	17.6	53.082		13.502	153900000	0	63826000	0	90074000	0	5783400	0	3547200		
Q6ZVW1	Q6ZVW1	Sterile alpha and TIR motif-containing protein 1	SARM1	sp Q6ZVW1	6	6	6	5	0	4	1	6	5	1	4	1	5	1	4	12.7	79.387		20.925	153880000	410720	12.7E+08	1326200	39578000	2928700	4927300	2458500	2535800		
Q15773	Q15773	Myeloid leukemia factor 2	MLF2	sp Q15773	2	2	2	0	1	2	2	0	1	2	2	0	1	2	2	18.1	28.147		4.611	153350000	0	21979000	12031000	1.19E+08	0	3412200	7714500	3803400		
Q9Y977	Q9Y977	Mitochondrial intermediate peptidase	MIPEP	sp Q9Y977	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	8.4	80.64		8.2762	153320000	0	65335000	0	8.99E+08	0	6009300	0	3368600		
Q9S967	Q9S967	Nuclear pore complex protein Nup88	NUP88	sp Q9S967	4	4	4	0	2	1	4	0	2	1	4	0	2	1	4	9.7	83.541		28.577	153100000	0	21371000	1618700	1.3E+08	0	2002500	1392400	4927700		
O60524	O60524	Nuclear export mediator factor NEMF	NEMF	sp O60524	8	8	8	1	4	2	8	1	4	2	8	1	4	2	8	8.3	12.95		13.083	153030000	789150	1995900	6436000	1.26E+08	0	2840400	5267600	3151700		
Q9NPF4	Q9NPF4	Probable tRNA N6-adenosine threonylcarbamoyl transferase	OSGEP	sp Q9NPF4	5	5	5	0	5	1	0	5	1	0	5	1	0	5	1	24.8	36.426		16.696	153000000	0	6994900	1505500	81544000	0	5147500	0	4372000		
Q9Y4E6	Q9Y4E6	WD repeat-containing protein 7	WDR7	sp Q9Y4E6	3	3	3	0	1	0	3	0	1	0	3	0	1	0	3	3.3	163.81	0.001157	2.7672	152960000	0	18111000	0	1.35E+08	0	1640100	0	5002200		
Q9NRG0	Q9NRG0	Chromatin accessibility complex protein 1	CHRAC1	sp Q9NRG0	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	45	14.71		9.3095	152410000	0	84331000	0	68080000	0	7266900	0	2966600		
Q15370	Q15370	Transcription elongation factor B polypeptide 2	TCEB2	sp Q15370	4	4	4	1	3	2	4	0	3	2	4	0	3	2	4	39	13.133		11.488	152270000	31204000	38931000	2979600	1.07E+08	4224600	2825500	2585500	3329000		
Q9NSC5	Q9NSC5	Home protein homolog 3	HOMER3	sp Q9NSC5	5	5	5	0	2	5	0	2	5	0	2	5	0	2	5	19.9	39.836		22.501	152230000	0	6649700	1.46E+08	0	0	5411000	3045000	5040000		
Q00013	Q00013	55 kDa erythrocyte membrane protein	MPP1	sp Q00013	4	4	4	0	2	0	4	0	2	0	4	0	2	0	4	15.5	52.296		23.2	152220000	0	35368000	0	1.17E+08	0	4560300	0	3363000		
Q8WU46	Q8WU46	Transmembrane protein 263	TMEM263	sp Q8WU46	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	40.5	11.748		9.5909	152190000	0	86892000	0	65299000	0	7838100	0	2506800		
P42226	P42226	Signal transducer and activator of transcription 5	STAT5B	sp P42226	5	5	5	0	0	5	0	0	5	0	0	5	0	0	5	8.7	94.134		25.594	151950000	0	0	0	1.52E+08	0	0	0	6249100		
Q96F07	Q96F07	Cytoplasmic FMR1-interacting protein 2	CFIP2	sp Q96F07	15	4	1	11	2	15	1	3	0	4	1	3	0	4	1	14.6	148.4		10.891	151720000	218430	33071000	0	1.18E+08	1510600	3984800	0	2508900		
P48426	P48426	Phosphatidylinositol 5-phosphatase 4-kinase type-2	PIP4K2A	sp P48426	5	3	3	0	5	0	3	0	5	0	3	0	5	0	3	15.8	46.224		9.5716	151700000	0	29485000	0	1.22E+08	0	3291200	0	4931100		
Q96927	Q96927	COP9 signalosome complex subunit 8	COPS8	sp Q96927	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	17.2	23.225		6.316	151540000	0	52865000	0	98674000	0	4373500	0	4344700		
P42566	P42566	Epidermal growth factor receptor substrate 1																																



A8MXV4	A8MXV4	Nucleoside diphosphate-linked moiety X motif 19	NUDT19	spl	A8MXV	5	5	5	0	4	1	4	0	4	1	4	0	4	1	4	0	4	1	4	0	4	1	4	21.9	42.233	0	15.443	144700000	0	75186000	1064800	68448000	0	3987200	3724300	2446500		
Q6PJT7	Q6PJT7	Zinc finger CCH domain-containing protein 14	ZC3H14	spl	Q6PJT7	5	5	5	1	4	1	5	1	4	1	5	1	4	1	5	1	4	1	5	1	4	1	5	9.1	82.875	0	11.427	144210000	662820	48011000	1797800	93738000	1564900	4048400	2200800	2176800		
Q9H6R4	Q9H6R4	Nucleolar protein 6	NOL6	spl	Q9H6R4	7	7	7	1	7	7	1	7	7	1	7	7	1	7	7	1	7	7	1	7	7	1	7	9.1	127.505	0	17.837	144160000	1110800	9861500	26419000	1076708	3532000	1912000	14725000	3165000	3740000	
Q8ND56	Q8ND56	Protein LSM14A homolog A	LSM14A	spl	Q8ND56	3	3	3	0	3	3	2	0	3	3	2	0	3	3	2	0	3	3	2	0	3	3	2	9.7	50.529	0	13.108	144070000	0	63342000	17340000	63388000	0	5138100	11185000	3501400		
Q6UWP7	Q6UWP7	Lysocardiolipin acyltransferase 1	LCLAT1	spl	Q6UWJ	4	4	4	1	3	3	0	4	1	3	0	4	1	3	0	4	1	3	0	4	1	3	0	4	11.1	48.92	0	7.5328	143920000	788760	40076000	0	1.03E+08	2720000	2765200	0	3074400	
Q9Y3E7	Q9Y3E7	Charged multivesicular body protein 3	CHMP3	spl	Q9Y3E2	4	4	4	0	3	2	4	0	3	2	4	0	3	2	4	0	3	2	4	0	3	2	4	28.4	25.073	0	22.319	143890000	0	15596000	3281300	1.25E+08	0	1938100	2970900	3812200		
Q9HD26	Q9HD26	Golgi-associated PDZ and coiled-coil motif-contain	GOPC	spl	Q9HD2	7	7	7	0	2	6	0	2	6	0	2	6	0	2	6	0	2	6	0	2	6	0	2	6	22.7	50.519	0	34.747	143850000	0	18397000	2316700	1.23E+08	0	3299100	2637900	2305700	
Q92572	Q92572	AP-3 complex subunit sigma-1	AP3S1	spl	Q92572	4	4	4	0	3	1	4	0	3	1	4	0	3	1	4	0	3	1	4	0	3	1	4	22.3	21.732	0	11.743	143820000	0	39700000	2419300	1.02E+08	0	2743500	2528000	4036300		
P36915	P36915	Guanine nucleotide-binding protein-like 1	GNL1	spl	P36915	4	4	4	0	3	1	4	0	3	1	4	0	3	1	4	0	3	1	4	0	3	1	4	8.4	68.66	0	14.488	143820000	0	93663000	2250200	47904000	0	7688000	1959400	2095000		
Q92979	Q92979	Ribosomal RNA small subunit methyltransferase 1	ERM1	spl	Q92975	3	3	3	1	3	1	2	1	3	1	2	1	3	1	2	1	3	1	2	1	3	1	2	16.8	26.72	0	8.508	143800000	1060500	30714000	768360	1.11E+08	2952200	2133000	1827100	1947700		
Q709C8	Q709C8	Vacuolar protein sorting-associated protein 13C	VPS13C	spl	Q709C1	9	9	9	0	1	9	0	1	9	0	1	9	0	1	9	0	1	9	0	1	9	0	1	9	3.5	42.339	0	22.457	143710000	0	26517000	459670	1.43E+08	0	0	388320	5813700	
Q6PJK6	Q6PJK6	BRCA1-associated ATM activator 1	BRAT1	spl	Q6PJK4	6	6	6	1	6	0	2	1	6	0	2	1	6	0	2	1	6	0	2	1	6	0	2	6	9.7	88.118	0	25.018	143650000	0	26517000	1018800	1.16E+08	0	3022000	1728500	3046900	
Q6PD74	Q6PD74	Alpha- and gamma-adaptin-binding protein p34	AAGAB	spl	Q6PD70	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	34.993	0	9.3017	143200000	0	71504000	0	71691000	0	6347100	0	2904200		
Q71U9P0	Q71U9P0	Histone H2A.V/Histone H2A.Z	H2AFV;H2U	spl	Q71U19	3	1	1	3	3	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20.3	13.509	0.001569	2.3362	143080000	0	39094000	13737000	86498000	0	2724200	9057400	3725700		
Q9H089	Q9H089	Large subunit GTPase 1 homolog	LSG1	spl	Q9H08E	5	5	5	0	4	4	3	0	4	4	3	0	4	4	3	0	4	4	3	0	4	4	3	12.9	75.225	0	16.475	143070000	0	34381000	17800000	90890000	0	2147800	12535000	4047600		
Q13595	Q13595	Transformer-2 protein homolog alpha	TRA2A	spl	Q1359E	5	4	4	0	5	4	0	4	0	4	1	3	0	4	1	3	0	4	1	3	0	4	1	3	22.7	32.688	0	8.976	142960000	0	82938000	2279900	57450000	0	6583500	2577700	2052000	
Q9UEE9	Q9UEE9	Craniofacial development protein 1	CFDP1	spl	Q9UEE1	4	4	4	0	4	0	2	0	4	0	2	0	4	0	2	0	4	0	2	0	4	0	2	20.1	33.592	0	7.7268	142930000	0	1.05E+08	0	38297000	0	8692900	0	2105100		
Q9H490	Q9H490	Phosphatidylinositol glycan anchor biosynthesis c	PIGU	spl	Q9H49E	2	2	2	0	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	6.4	50.051	0	23.852	142880000	0	23.852	142880000	0	1101400	1.42E+08	0	0	1616000	4955000
O00625	O00625	Pirin	PIR	spl	O0062E	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	0	2	0	3	0	2	0	3	15.5	32.113	0.000717	3.2852	142680000	0	1.1E+08	0	33036000	0	9664600	0	0		
Q9H000	Q9H000	Probable E3 ubiquitin-protein ligase makorin-2	MKR2	spl	Q9H00E	4	4	4	1	3	2	4	0	3	2	4	0	3	2	4	0	3	2	4	0	3	2	4	16.1	46.94	0	4.172	142670000	2041900	42528000	638950	97459000	0	3149300	2932300	2104600		
Q15121	Q15121	Astrocytic phosphoprotein PEA-15	PEA15	spl	Q1512E	2	2	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	27.7	15.04	0	11.746	142470000	0	0	0	0	1.42E+08	0	0	0	5859000
Q9NZZ3	Q9NZZ3	Charged multivesicular body protein 5	CHMP5	spl	Q9NZZ2	1	1	1	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	8.2	24.57	0	4.3128	141930000	0	1.36E+08	5471200	0	0	1202800	3676600	0	0	
Q96GC5	Q96GC5	39S ribosomal protein L48, mitochondrial	MRPL48	spl	Q96GC3	4	4	4	1	4	1	2	1	4	1	2	1	4	1	2	1	4	1	2	1	4	1	2	21.7	23.934	0	9.6158	141880000	770330	87834000	818160	52457000	0	4791400	2704000	2657200		
Q96H79	Q96H79	Zinc finger CCH-type antiviral protein 1-like	ZC3HAV1L	spl	Q96H7E	5	5	5	0	4	1	2	0	4	1	2	0	4	1	2	0	4	1	2	0	4	1	2	32.3	32.962	0	29.531	141760000	0	1.15E+08	415450	25850000	0	8643900	1206400	1672400		
P27487	P27487	Dipeptidyl peptidase 4;Dipeptidyl peptidase 4 me	DDP4	spl	P27487	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	88.278	0.009845	1.5106	141330000	1.41E+08	0	0	0	0	1.41E+08	0	0	0	0	
Q9UGP4	Q9UGP4	LIM domain-containing protein 1	LIMD1	spl	Q9UG1E	3	3	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11.2	72.189	0	39.387	141060000	0	0	0	0	1.41E+08	0	0	0	5801000	
Q15833	Q15833	Syntaxin-binding protein 2	STXB2	spl	Q1583E	5	5	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	1	12	66.452	0	12.633	140930000	0	85695000	0	5528000	0	7553900	0	2274200	
Q9P016	Q9P016	Thymocyte nuclear protein 1	THYN1	spl	Q9P01E	5	5	5	1	5	2	5	1	5	2	5	1	5	2	5	1	5	2	5	1	5	2	5	21.3	25.697	0	12.273	140960000	195550	9070500	1145800	48845000	232500	8581100	908660	1215700		
P49750	P49750	YLP motif-containing protein 1	YLP1	spl	P49750	7	7	7	1	6	3	7	1	6	3	7	1	6	3	7	1	6	3	7	1	6	3	7	6.1	241.64	0	16.971	140880000	1391000	32752000	7403100	140880000	2031500	2092800	6101300	2879400		
Q60573	Q60573	Eukaryotic translation initiation factor 4E type 2	EIF4E2	spl	Q6057E	3	3	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	22.9	28.362	0	7.0676	140810000	882550	23996000	5920400	1.1E+08	2815700	1086500	5104100	2093500		
Q9BTE1	Q9BTE1	Dynactin subunit 5	DCTN5	spl	Q9BTE2	2	2	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	11.5	20.126	0	5.8504	140700000	0	59012000	2638800	79003000	0	5185100	1824100	3242500		
Q8WVV3	Q8WVV3	Reticulon-4-interacting protein 1, mitochondrial	RTN4IP1	spl	Q8WVV2	3	3	3	0	1	0	3	0	1	0	3	0	1	0	3	0	1	0	3	0	1	0	3	13.4	43.589	0	5.9899	140470000	0	2708700	0	1.38E+08	0	1257300	0	4646500		
P06312	P06312	Ig kappa chain V-Iv region	IGKV4-1	spl	P06312	3	3	3	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	19.8	13.38	0	9.7706	140440000	45613000	0	91418000	3407600	0	0	61285000	2876900	0	
Q9UKM7	Q9UKM7	Endoplasmic reticulum mannosyl-oligosaccharide	MAN1B1	spl	Q9UKM6	5	5	5	0	1	3	5	0	1	3	5	0	1	3	5	0	1	3	5	0	1	3	5	11.6	79.579	0	47.293	140360000	0	3923100	4326000	1.32E+08	0	580590	2244000	5861400		
Q9Y6K9	Q9Y6K9	NF-kappa-B essential modulator	IKBK	spl	Q9Y6K6	5	5	5	2	5	2	5	0	5	2	5	0	5	2	5	0	5	2	5	0	5	2	5	16	48.197	0	30.25	140310000	1197600	75556000	1241300	62312000	1767300	5926800	1506500	2053900		
Q9Y5Q8	Q9Y5Q8	General transcription factor 3C polypeptide 5	GTF3C5	spl	Q9Y5Q6	6	6	6	0	5	2	5	0	5	2	5	0	5	2	5	0	5	2	5	0	5	2	5	14.3	59.57	0	11.846	140260000	0	73045000	6727100	60439000	0	3819500	6860600	1721900		
Q9H0C8	Q9H0C8	Integrin-linked kinase-associated serine/threonin	ILKAP	spl	Q9H0C6	6	6																																				

Q96555	Q96555	ATPase WRNIP1	WRNIP1	sj Q96555	6	6	6	4	5	0	0	4	5	0	0	12	72.132	0	20.304	133700000	75437000	58264000	0	0	74033000	6539400	0	0		
Q8IVF7	Q8IVF7	Formin-like protein 3	FMNL3	sj Q8IVF7	4	4	3	0	0	2	4	0	0	1	3	4	117.21	0	7.604	133620000	0	12993000	1.21E+08	0	0	9620100	4072400	0		
Q9BUT1	Q9BUT1	3-hydroxybutyrate dehydrogenase type 2	BDH2	sj Q9BUT1	5	5	5	0	5	0	3	0	5	0	3	28.6	26.724	0	15.85	13360000	0	92975000	0	40621000	7099300	0	2766900	0		
Q9P260	Q9P260	Lish domain and HEAT repeat-containing protein	KIAA1468	sj Q9P260	6	6	6	0	6	0	5	0	6	0	5	6.2	134.63	0	11.273	133450000	0	52020000	0	81434000	0	4363000	0	3571200		
Q15287	Q15287	RNA-binding protein with serine-rich domain 1	RNPS1	sj Q15287	3	3	3	1	2	3	2	1	2	3	2	11.5	34.208	0	10.818	133450000	7133200	82225000	11396000	32700000	7293200	0	8066700	6232500	1797900	
P42356:A4	P42356	Phosphatidylinositol 4-kinase alpha	PI4KA	sj P42356	7	7	7	0	1	0	7	0	1	0	7	3.8	236.83	0	13.573	133290000	0	7129900	0	1.26E+08	0	861250	0	4959800		
Q13123	Q13123	Protein Red	IK	sj Q13123	8	8	8	0	7	4	3	0	7	4	3	18.9	65.601	0	35.121	133170000	0	92277000	8768700	32166000	0	6937900	6245000	2163200		
P10606	P10606	Cytochrome c oxidase subunit 5B, mitochondrial	COX5B	sj P10606	5	5	5	0	5	0	3	0	5	0	3	25.6	13.696	0	11.034	133130000	0	88563000	0	44569000	0	6845900	0	2793700		
Q9H187	Q9H187	Interferon regulatory factor 2-binding protein-like IRF2BP1	IRF2BP1	sj Q9H187	7	7	7	0	1	0	7	0	1	0	7	14.2	82.658	0	23.146	133010000	0	3132600	0	1.3E+08	0	5674500	0	5049800		
P61966	P61966	AP-1 complex subunit sigma-1A	AP1S1	sj P61966	3	3	3	0	2	1	3	0	2	1	3	22.2	18.733	0	48.607	132600000	0	13059000	1725200	1.11E+08	0	1706700	0	4476300		
Q8TFC1	Q8TFC1	Protein CP2A	KIAA1524	sj Q8TFC1	7	7	7	0	4	3	7	0	4	3	7	9.8	102.18	0	20.157	132600000	0	13059000	5157400	1.14E+08	0	2407100	0	2532100		
Q9G0C0	Q9G0C0	Serine/threonine-protein phosphatase 1 regulator PTP1B	PPP1R10	sj Q9G0C0	6	6	6	0	3	5	0	5	3	5	0	6.8	99.057	0	10.815	132450000	0	46609000	4825200	81012000	0	4165500	3911600	2605600		
Q9NS86	Q9NS86	LaN-C-like protein 2	LANCL2	sj Q9NS86	3	3	3	0	3	0	3	0	3	0	3	10	50.854	0	8.6798	132230000	0	50223000	0	82010000	0	4250300	0	3549600		
P27701	P27701	CD82 antigen	CD82	sj P27701	1	1	1	0	0	0	1	0	0	0	1	5.2	29.625	0	3.9271	132170000	0	0	0	1.32E+08	0	0	0	5435600		
Q6P161	Q6P161	39S ribosomal protein L54, mitochondrial	MRPL54	sj Q6P161	1	1	1	0	1	1	0	0	1	1	0	18.8	15.819	0	22.035	132160000	0	1.2E+08	12485000	0	0	10549000	8389700	0		
Q9BT73	Q9BT73	Proteasome assembly chaperone 3	PSMG3	sj Q9BT73	4	4	4	0	4	0	2	0	4	0	2	50.8	13.104	0	13.759	132020000	0	84857000	0	47160000	0	6837400	0	2582200		
Q60231	Q60231	Putative pre-mRNA-splicing factor ATP-dependent DDX16	DDX16	sj Q60231	8	7	7	1	7	1	6	0	6	0	5	9.5	119.26	0	19.272	131940000	0	67048000	0	64894000	0	5981200	0	2597800		
P06702	P06702	Protein S100-A9	S100A9	sj P06702	4	4	4	0	3	4	0	0	3	4	0	44.7	13.242	0	12.354	131930000	0	25126000	106800000	0	0	4666600	69319000	0		
P49247	P49247	Ribose-5-phosphate isomerase	RPIA	sj P49247	6	6	6	0	5	4	2	0	5	4	2	26	33.269	0	17.327	131680000	0	74201000	25074000	32401000	0	6612500	13167000	4944100		
Q8NFH3	Q8NFH3	Nucleoporin Nup43	NUP43	sj Q8NFH3	4	4	4	0	1	1	4	0	1	1	4	18.9	42.15	0	12.091	131640000	0	6338500	1510000	1.24E+08	0	1472900	1302300	3889100		
Q14651	Q14651	Plastin-1	PLS1	sj Q14651	11	8	8	1	10	4	4	1	7	2	1	25.1	70.253	0	14.689	131500000	9651600	83866000	26996000	11169000	9924700	9932500	13607000	2165100		
Q9NX47	Q9NX47	E3 ubiquitin-protein ligase MARCH5	Mar-05	sj Q9NX47	3	3	3	0	1	0	3	0	1	0	3	14.7	31.231	0	8.8518	131000000	0	30763000	0	1.01E+08	0	3186500	0	3677000		
Q9H054	Q9H054	Probable ATP-dependent RNA helicase DDX47	DDX47	sj Q9H054	7	7	7	0	5	5	5	0	5	5	5	20.9	50.646	0	16.071	131140000	0	37310000	15736000	78099000	0	3779900	9990800	3304700		
Q9Y6N1	Q9Y6N1	Cytochrome c oxidase assembly protein COX11	COX11	sj Q9Y6N1	3	3	3	0	3	0	2	0	3	0	2	16.7	31.43	0	10.817	130710000	0	77820000	0	52876000	0	6501100	0	2533200		
Q9UBU8	Q9UBU8	Mortality factor 4-like protein 1	MORF4L1	sj Q9UBU8	3	3	2	0	2	1	3	0	2	1	3	0	10.5	41.473	0	6.825	130700000	0	22958000	1951300	1.06E+08	0	2919700	2216800	2548900	
Q9BY42	Q9BY42	Protein RTF2 homolog	RTF2C1	sj Q9BY42	2	2	2	0	2	0	2	0	2	0	2	9.5	33.886	0	8.2292	130700000	0	32534000	0	98165000	0	3765500	0	3138500		
P25440	P25440	Bromodomains-containing protein 2	BRD2	sj P25440	6	6	6	0	6	4	4	0	6	4	0	5	3	10.9	88.36	0	9.1456	130680000	0	82067000	7989200	40630000	0	6114000	6270300	1889400
P04424	P04424	Argininosuccinate lyase	ASL	sj P04424	6	6	6	0	3	0	6	0	3	0	6	0	15.9	51.657	0	13.706	130650000	0	15730000	0	1.15E+08	0	1482300	0	4630500	
O15427	O15427	Monocarboxylate transporter 4	SLC16A3	sj O15427	4	4	4	0	1	1	4	0	1	1	4	9.7	49.469	0	11.506	130300000	0	1440200	1683200	1.27E+08	0	371200	1189900	4910700		
Q94966	Q94966	Ubiquitin carboxyl-terminal hydrolase 19	USP19	sj Q94966	8	8	8	0	8	0	8	0	8	0	8	10.5	145.65	0	24.632	129760000	0	23060000	0	1.07E+08	0	2620400	0	3818400		
P31751	P31751	RAC-beta serine/threonine-protein kinase	AKT2	sj P31751	4	4	4	0	2	0	4	0	2	0	3	8.7	55.768	0	5.6482	129710000	0	8653600	0	1.21E+08	0	2626500	0	3092600		
Q9NRX2	Q9NRX2	39S ribosomal protein L17, mitochondrial	MRPL17	sj Q9NRX2	2	2	2	0	1	2	0	2	1	2	0	13.1	20.05	0	10.496	129600000	0	52932000	4112900	72010000	0	3888600	4181300	231300		
Q8TBX8	Q8TBX8	Phosphatidylinositol 5-phosphate 4-kinase type-2 PIP4K2C	PIP4K2C	sj Q8TBX8	4	4	4	1	4	0	4	1	4	0	4	12.8	47.299	0	15.378	128950000	2079000	30661000	0	96219000	4658100	1577200	0	2193400		
P51692:P4	P51692:P4	Signal transducer and activator of transcription 5T STAT5B:5T	STAT5B	sj P51692	2	2	2	0	2	1	2	0	2	1	2	2	2.9	89.665	0	6.2641	128520000	0	75393000	2104400	51019000	0	5079500	1473600	1532400	
Q9BYC8	Q9BYC8	39S ribosomal protein L32, mitochondrial	MRPL32	sj Q9BYC8	1	1	1	0	1	1	1	0	1	1	0	12.2	21.405	0	42.635	128500000	0	41983000	4216300	82299000	0	3776800	2934500	3207300		
P55327	P55327	Tumor protein D52	TPD52	sj P55327	3	3	3	0	3	1	0	3	1	0	3	34.4	24.327	0	8.6818	128350000	0	1.25E+08	2954900	0	10559000	0	2480600	0	0	
Q9UNW1	Q9UNW1	Multiple inositol polyphosphate phosphatase 1	MINPP1	sj Q9UNW1	2	2	2	0	2	0	2	0	2	0	2	5.1	55.051	0.000248	3.7266	128230000	0	71357000	0	56876000	0	6187100	0	2442000		
Q5VT52	Q5VT52	Regulation of nuclear pre-mRNA domain-containing protein 2	RNPD2	sj Q5VT52	7	7	7	0	6	0	4	0	6	0	4	10.3	156.02	0	14.024	128180000	0	61802000	0	66381000	0	4711700	0	3466100		
Q9UK56	Q9UK56	Protein kinase C and casein kinase substrate in rat PACSIN3	PACSIN3	sj Q9UK56	3	3	3	0	2	3	1	0	2	3	1	9	48.486	0	4.5484	128130000	0	40259000	3017400	84853000	0	3739000	529750	3631000		
P08581	P08581	Hepatocyte growth factor receptor	MET	sj P08581	3	3	3	1	0	0	3	1	0	0	2	3.1	155.54	0	14.882	128100000	1155000	0	0	1.27E+08	4605100	0	0	1770400		
Q15398	Q15398	Disks large-associated protein 5	DLGAP5	sj Q15398	6	6	6	0	3	0	5	0	3	0	5	11.2	95.114	0	14.674	128080000	0	30963000	0	97116000	0	3358900	0	3364400		
Q9H446	Q9H446	RWD domain-containing protein 1	RWD1	sj Q9H446	2	2	2	0	1	0	1	0	1	0	1	10.7	27.939	0	8.5128	127980000	0	4058400	0	1.24E+08	0	0	0	5096300		
P04920	P04920	Anion exchange protein 2	SLC4A2	sj P04920	4	4	4	0	1	4	0	1	4	0	1	4	5.6	137.01	0	11.066	127900000	0	2544400	1.25E+08	0	2597100	0	4267800		
Q9N4V9	Q9N4V9	Heterogeneous nuclear ribonucleoprotein L-like	HNRNPLL	sj Q9N4V9	4	4	4	0	4	3	3	0	4	3	3	10.1	60.982	0	10.814	127870000	0	80055000	3910800	43907000	0	4683100	2377300	3900600		
Q147X3	Q147X3	N-alpha-acetyltransferase 30	NAAD30	sj Q147X3	4	4	4	0	4	1	4	0	4	1	4	19.1	39.319	0	19.252	127810000	0	26906000	1025100	99882000	0	1856900	2503700	2780600		
P40938	P40938	Replication factor C subunit 3	RFC3	sj P40938	6	6	6	0	5	3	3	0	5	3	3	21.3	40.556	0	15.049	127420000	0	53696000	11893000	51827000	0	5056800	6320000	3269100		
P42858	P42858	Huntingtin	HTT	sj P42858	9	9	9	0	9	0	5	0	9	0	5	3.9	347.6	0	18.538	127370000	0	47797000	0	49975000	0	5622400	0	3255300		
Q9UHR5	Q9UHR5	SAP30-binding protein	SAP30BP	sj Q9UHR5	3	3	3	0	3	2	3	0	3	2	3	12.3	33.87	0	8.9963	127220000	0	42793000	4004500	80420000	0	3533300				

Q8YV8	Q8YV8	Centrosomal protein of 41 kDa	CEP41	sp Q8YV8	3	3	3	0	1	0	3	0	1	0	3	0	1	0	3	8.6	41.368	0	5.733	121420000	0	21179000	0	1e+08	0	2285100	0	2142600		
P40692	P40692	DNA mismatch repair protein Mlh1	MLH1	sp P40692	4	4	4	0	0	0	4	0	0	0	4	0	0	0	4	9.3	84.6	0	24.492	121290000	0	0	0	1.21e+08	0	0	0	4788600		
O95721	O95721	Synaptosomal-associated protein 29	SNAP29	sp O95721	5	5	5	0	5	1	4	0	5	1	4	0	5	1	4	28.7	28.97	0	19.844	121260000	0	37624000	944900	82686000	0	2295700	2309800	27461000	0	2966000
Q8WVK2	Q8WVK2	U4/U6.U5 small nuclear ribonucleoprotein 27 kDa SNRP27	snRNP27	sp Q8WVK2	3	3	3	1	3	2	3	1	3	2	3	1	3	2	3	29	18.86	0	9.0826	121220000	4734200	57026000	5029100	54431000	6499300	3609700	3809700	1460400	0	
Q13322	Q13322	Growth factor receptor-bound protein 10	GRB10	sp Q13322	5	5	5	0	1	2	5	0	1	2	5	0	1	2	5	9.8	67.231	0	9.7409	121080000	0	26537000	10657000	1.06e+08	0	0	0	2206100	9942000	
Q9BZE9	Q9BZE9	Tether containing UBX domain for GLUT4	ASPSCR1	sp Q9BZE9	5	5	5	0	5	0	2	0	5	0	2	0	5	0	2	18.8	60.182	0	6.8614	120840000	0	79813000	0	41024000	0	5329200	0	3393400		
Q9BUK6	Q9BUK6	Protein misato homolog 1	MSTO1	sp Q9BUK6	6	6	6	5	2	4	0	5	2	4	0	5	2	4	13.9	61.835	0	21.567	120820000	0	40900000	2826700	77095000	0	2962200	1759600	3949700	0		
P22830	P22830	Ferrochelatase, mitochondrial	FECH	sp P22830	5	5	5	0	5	2	0	5	2	0	5	2	0	5	2	16.1	47.862	0	13.68	120800000	0	1.07e+08	2498400	11294000	0	8707000	1735700	1133400	0	
Q13740	Q13740	Cro166 antigen	ALCAM	sp Q13740	2	2	2	0	0	0	2	0	0	0	2	0	0	2	5	65.102	0	13.933	120740000	0	0	0	1.21e+08	0	0	0	4965700	0		
Q8WZ42	Q8WZ42	Titin	TTN	sp Q8WZ42	3	3	3	0	1	1	3	0	1	1	3	0	1	1	3	0.1	381.6	0.006003	1.762	12070000	0	24664000	6816800	85217000	0	2599600	3115600	4708900	1156600	
Q8IUR7	Q8IUR7	Armadillo-like containing protein 8	ARMC8	sp Q8IUR7	4	4	4	1	4	1	4	1	4	1	4	1	4	1	4	8	75.509	0	13.641	120390000	1966100	50026000	1109700	69059000	0	4575200	0	2722300	0	
O9GZN8	O9GZN8	UPF0687 protein C20orf27	C20orf27	sp O9GZN8	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	8	19.291	0	5.1826	120370000	0	60648000	0	59721000	0	5346000	0	2456600	0	
Q8TD16	Q8TD16	Protein bicaudal D homolog 2	BICD2	sp Q8TD16	6	6	6	0	3	0	6	0	3	0	6	0	3	0	6	9	93.532	0	21.776	120090000	0	15522000	0	1.05e+08	0	2587300	0	3081200	0	
O75496	O75496	Geminin	GMNN	sp O75496	3	3	3	0	3	0	1	0	3	0	1	0	3	0	1	23.4	23.565	0	4.0702	120060000	0	1.16e+08	0	4126000	0	8083500	0	2305800	0	
P61916	P61916	Epididymal secretory protein E1	NPC2	sp P61916	2	2	2	0	1	0	1	0	2	0	1	0	2	0	1	2	17.2	16.57	0	6.9906	119960000	0	69179000	0	1.13e+08	0	1101300	0	4157500	0
Q9H0H5	Q9H0H5	Rac GTPase-activating protein 1	RACGAP1	sp Q9H0H5	6	6	6	0	5	4	6	0	5	4	6	0	5	4	6	14.4	71.026	0	11.055	119890000	0	28573000	11748000	79565000	0	2272100	8747400	2665900	0	
Q9Y314	Q9Y314	Nitric oxide synthase-interacting protein	NOSIP	sp Q9Y314	4	4	4	4	1	4	4	1	4	4	1	4	4	1	4	20.9	33.172	0	6.611	119660000	0	47889000	2767800	69003000	0	4514000	0	2545200	0	
O92599	O92599	Septin-8	Sep-08	sp O92599	6	6	6	4	1	5	2	6	1	3	1	4	1	3	1	14.3	55.756	0	11.525	119650000	98169	37444000	822090	81285000	691940	3983500	951750	16669000	0	
Q96CP2	Q96CP2	FLYWCH family member 2	FLYWCH2	sp Q96CP2	5	5	5	1	5	0	5	1	5	0	5	1	5	0	5	45.7	14.563	0	15.518	119520000	4853200	93194000	0	25842000	434960	8633300	0	694830	0	
Q92562	Q92562	Polypoehphoinositide phosphatase	FIG4	sp Q92562	4	4	4	1	1	1	3	1	1	1	3	1	1	3	1	6.2	103.63	0	6.8773	119200000	0	52303000	7439700	59455000	0	5534100	4163300	2357600	0	
Q9Y6D9	Q9Y6D9	Mitotic spindle assembly checkpoint protein MAD MAD1L1	sp Q9Y6D9	6	6	6	0	6	2	3	0	6	2	3	0	6	2	3	11.3	83.066	0	20.122	119180000	0	70833000	1276600	47517000	0	4852600	1720200	2443000	0		
E9PRG8	E9PRG8	Uncharacterized protein C11orf98	C11orf98	sp E9PRG8	2	2	2	0	1	2	1	2	1	2	1	2	1	2	1	21.1	14.234	0	4.1874	119180000	0	34026000	1793900	67116000	0	2993900	12055000	2760200	0	
Q15650	Q15650	Activating signal cointegrator 1	TRIP4	sp Q15650	5	5	5	0	5	3	5	0	5	3	5	0	5	3	5	11.2	66.145	0	7.7544	119060000	0	45283000	5825400	67948000	0	2828100	5340300	2136200	0	
Q0VGL1	Q0VGL1	Regulator complex protein LAMTOR4;Regulator c	LAMTOR4	sp Q0VGL1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	10.1	10.741	0.004331	1.8973	118980000	3567600	34291000	81123000	0	2233500	2055800	56815000	0	0	
Q8TD22	Q8TD22	Protein-methionine sulfoxide oxidase MICAL1	MICAL1	sp Q8TD22	5	5	5	0	0	0	5	0	0	0	5	0	0	5	8.4	117.87	0	15.689	118880000	0	0	0	1.19e+08	0	0	0	4888900	0		
P48634	P48634	Protein PRRC2A	PRRC2A	sp P48634	5	4	4	0	3	5	4	0	3	5	4	0	3	5	4	7	228.86	0	7.3785	118760000	0	35546000	16411000	66806000	0	7021500	7009700	2877900	0	
Q8WTV3	Q8WTV3	Conserved oligomeric Golgi complex subunit 1	COG1	sp Q8WTV3	5	5	5	0	3	0	5	0	3	0	5	0	3	0	5	7.7	108.98	0	13.323	118680000	0	25374000	0	6301000	0	2969500	0	3104300	0	
P78318	AD P78318	immunoglobulin-binding protein 1	IGBP1	sp P78318	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	14.5	39.221	0	18.071	118680000	0	25960000	0	92722000	0	3271300	0	2830300	0	
Q16878	Q16878	Cysteine dioxygenase type 1	CDO1	sp Q16878	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	3.5	22.972	0.003485	1.9798	118520000	0	41501000	866830	16149000	0	3658200	582500	3131700	0	
Q9Y4K4	Q9Y4K4	Mitogen-activated protein kinase kinase kinase kina	MAP4K5	sp Q9Y4K4	7	7	7	0	7	0	7	0	7	0	7	0	7	0	7	13.9	95.023	0	18.211	118470000	0	10904000	0	1.08e+08	0	1524400	0	3860400	0	
Q86UJ8	Q86UJ8	5-nucleotide domain-containing protein 3	NTSDC3	sp Q86UJ8	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	14.3	63.419	0	11.614	118460000	0	50329000	0	68127000	0	4286000	0	2948700	0	
Q9P2N5	Q9P2N5	RNA-binding protein 27	RBM27	sp Q9P2N5	7	6	6	1	7	5	4	0	6	4	3	6	4	3	8.8	118.72	0	10.287	118370000	0	55642000	11407000	51322000	0	3589800	8059500	3031700	0		
O43660	O43660	Pleiotropic regulator 1	PLRG1	sp O43660	4	4	4	0	4	0	4	0	2	0	4	0	2	0	4	17.7	57.193	0	18.998	118260000	0	25093000	0	13614000	0	2146600	0	3628700	0	
Q92636	Q92636	Protein FAN	NSMAF	sp Q92636	2	2	2	0	0	0	2	0	0	0	2	0	0	2	5	104.37	0	8.8291	117950000	0	0	0	1.18e+08	0	0	0	4850800	0		
O00139	O00139	Kinesin-like protein KIF2A	KIF2A	sp O00139	5	4	4	0	4	2	5	0	4	0	3	1	4	0	3	11.9	79.954	0	11.638	117730000	0	41957000	5808400	69962000	0	3942100	4714800	1827000	0	
Q9UM54	Q9UM54	Unconventional myosin-VI	MYO6	sp Q9UM54	8	8	8	3	8	0	2	3	8	0	2	3	8	0	2	8.7	149.69	0	17.594	117670000	9203600	94847000	0	13624000	10688000	5810100	0	1626400	0	
Q5VY58	Q5VY58	Terminal uridylyltransferase 7	ZCCHC6	sp Q5VY58	6	6	6	0	5	4	0	5	4	0	5	4	0	5	4	6.4	171.23	0	11.007	117630000	0	18091000	99542000	0	0	10131000	6120500	0	0	
O75794	O75794	Cell division cycle protein 123 homolog	CDC123	sp O75794	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	11	39.134	0	7.6487	117610000	0	13201000	0	1.04e+08	0	1087100	0	4370500	0	
O55Y16	O55Y16	Polynucleotide 5-hydroxyl-kinase NOL9	NOL9	sp O55Y16	5	5	5	0	5	1	0	5	1	0	5	1	0	5	1	12.4	79.322	0	25.541	117450000	0	1.14e+08	3602600	0	9336200	3120700	0	0		
Q99470	Q99470	Stromal cell-derived factor 2	SDF2	sp Q99470	3	3	3	0	2	1	3	0	2	1	3	0	2	1	3	25.1	23.026	0	10.157	117310000	0	19306000	2060100	1.02e+08	0	1342300	1667200	3727400	0	
Q9UNB6	Q9UNB6	Tumor necrosis factor receptor superfamily mem	TNFRSF10I	sp Q9UNB6	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	7.5	41.823	0	22.246	117170000	0	0	0	1.17e+08	0	0	0	4818700	0	
P09488	OC P09488	Glutathione S-transferase Mu 1;Glutathione S-tr	GSTM1;G5S	sp P09488	5	2	1	1	3	2	5	0	1	2	0	0	1	2	0	1	29.8	25.712	0	11.532	117030000	0	3848600	1138000	0	2836200	4406400	0	0	
Q43294	Q43294	Transforming growth factor beta-1-induced trans	TGFB1	sp Q43294	2	2	2	0	1	2	2	0	1	2	2	0	1	2	2	6.3	49.814	0	6.2067	116980000	0	23071000	9531400	84286000	0	2907400	3366800	3390000	0	
O43678	O43678	NADH dehydrogenase [ubiquinone] 1 alpha-subu</																																

P01889	P01889	HLA class I histocompatibility antigen, B-7 alpha chain	HLA-B	sp P01889	3	2	0	2	1	2	0	1	1	2	0	1	1	2	13.3	40.46	0	13.689	110970000	0	11254000	1802300	97917000	0	1665900	1471900	3092300		
Q9NW82	Q9NW82	WD repeat-containing protein 70	WDR70	sp Q9NW82	8	8	8	0	7	1	4	0	7	1	4	0	7	1	4	16.8	73.2	0	17.258	110540000	0	90121000	492120	19925000	0	8016600	0	746380	
Q15392	Q15392	Delta(24)-sterol reductase	DHCR24	sp Q15392	4	4	0	4	0	4	0	4	0	4	1	4	0	4	6.6	60.101	0	7.4824	1122700	82226000	0	1888800	1367400	25316000	0	1888800	1367400	25316000	
Q9UKL0	Q9UKL0	REST corepressor 1	RCOR1	sp Q9UKL0	5	5	4	0	5	1	2	0	5	1	2	0	5	1	2	15.3	53.327	0	11.565	109680000	0	63868000	1850400	43963000	0	3679000	2518300	2484100	
Q75955	Q75955	Fliotillin-1	FLOT1	sp Q75955	7	7	3	4	4	4	4	3	4	4	4	4	4	4	21.1	47.355	0	20.834	109560000	17651000	26539000	5826500	59543000	18203000	2814900	3559900	1776800		
Q96K37	Q96K37	Solute carrier family 35 member E1	SLC35E1	sp Q96K37	2	2	2	1	1	1	2	1	1	1	2	1	1	2	12	44.772	0	24.4	109410000	2583600	20081000	5190000	81560000	26064000	1859300	4022200	2707800		
Q15334	Q15334	Lethal(2) giant larvae protein homolog 1	LG1L1	sp Q15334	6	6	6	6	2	6	0	2	2	6	0	2	6	8.2	115.42	0	22.514	109390000	0	9852000	3506200	96034000	0	1343200	2033000	3797800			
Q9Y426	Q9Y426	C2 domain-containing protein 2	C2CD2	sp Q9Y426	7	7	7	0	0	3	7	0	0	3	7	0	0	3	7	19.4	75.532	0	28.457	109030000	0	4807300	1.04E+08	0	0	4693900	2822700		
P61970	P61970	Nuclear transport factor 2	NUTF2	sp P61970	2	2	2	0	1	1	2	0	1	1	2	0	1	2	26	14.478	0	15.893	108670000	0	21146000	1388600	86136000	0	0	0	3542400		
Q15020	Q15020	Spectrin beta chain, non-erythrocytic 2	SPTBN2	sp Q15020	11	7	7	1	10	3	3	1	7	1	0	1	7	1	0	7.9	27.432	0	16.47	108620000	1155500	1.02E+08	5168800	0	1624900	8547900	0		
Q9H9E3	Q9H9E3	Conserved oligomeric Golgi complex subunit 4	COG4	sp Q9H9E3	5	5	5	0	4	4	4	0	4	4	4	0	4	4	8.4	89.082	0	19.084	108330000	0	30944000	10766000	66624000	0	2451400	7611500	2639500		
Q0637	Q0637	Tetraspanin-3	TSPAN3	sp Q0637	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	8.3	28.017	0.001139	2.535	108100000	0	16784000	0	91312000	0	3043600	0	2191200	
Q6WK24	Q6WK24	Rab11 family-interacting protein 1	RAB11F1P1	sp Q6WK24	3	3	3	0	3	1	2	0	3	1	2	0	3	1	2	4.1	137.17	0	7.015	108000000	0	59767000	12661000	35569000	0	3407900	10453000	1378500	
Q8N108	Q8N108	Mesoderm induction early response protein 1	MIER1	sp Q8N108	2	2	2	0	2	0	2	0	2	0	2	0	2	0	6.2	57.983	0	5.386	107990000	0	53391000	0	54064000	0	4706300	0	0		
Q9BQ70	Q9BQ70	Transcription factor 25	TCF25	sp Q9BQ70	4	4	4	0	2	1	4	0	2	1	4	0	2	1	4	10.7	76.666	0	27.775	107690000	0	18844000	3523000	85232000	0	2623200	2411400	2502900	
Q9NRZ9	Q9NRZ9	Lymphoid-specific helix	HELLS	sp Q9NRZ9	7	7	7	0	4	6	0	5	4	6	0	5	4	6	9.8	97.073	0	15.106	107640000	0	37093000	5823900	64720000	0	2706100	4226800	2912100		
Q75127	Q75127	Penitricopeptide repeat-containing protein 1	PTC01	sp Q75127	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	3	78.855	0	6.494	107280000	0	36257000	0	71018000	0	3128600	0	2988100	
Q9UL45	Q9UL45	Biogenesis of lysosome-related organelles complex BLOC1C5	BLOC1C5	sp Q9UL45	1	1	1	0	0	1	0	0	0	1	0	0	0	1	11	19.743	0.00135	2.3856	107090000	0	0	0	1.07E+08	0	0	0	4404200		
Q9Y218	Q9Y218	WD repeat-containing protein 37	WDR37	sp Q9Y218	3	3	3	0	2	3	2	0	2	3	2	0	2	3	2	8.1	54.665	0	9.373	106850000	0	37779000	23760000	45316000	0	3938700	14711000	2511100	
Q12840	Q12840	Kinesin heavy chain isoform 5A	KIF5A	sp Q12840	10	3	3	1	7	6	10	1	0	0	3	1	0	0	3	12.3	117.38	0	9.1044	106390000	58155000	0	48231000	58466000	0	0	0	1672300	
Q5JPH6	Q5JPH6	Probable glutamate-tRNA ligase, mitochondrial	EARS2	sp Q5JPH6	4	4	4	0	3	0	2	0	3	0	2	0	3	0	2	9	58.688	0	13.949	106330000	0	95746000	0	10586000	0	7034800	0	1840400	
Q8N1G2	Q8N1G2	Cap-specific mRNA (nucleoside-2-O)-methyltransferase	CMTR1	sp Q8N1G2	6	6	6	0	6	0	5	0	6	0	5	0	6	0	5	6.9	95.32	0	13.309	106270000	0	63696000	0	42574000	0	5827900	0	1537700	
Q9Y212	Q9Y212	Band 4.1-like protein 3; Band 4.1-like protein 3, N	EPB41L3	sp Q9Y212	10	8	8	0	10	1	0	0	8	0	8	0	8	0	8	0	17.8	120.68	0	16.669	106110000	0	1.06E+08	0	0	0	9333300	0	0
Q92844	Q92844	TRAF family member-associated NF-kappa-B activator	NFAM1	sp Q92844	9	9	9	2	1	8	2	2	1	8	2	2	1	8	2	30.4	47.815	0	21.633	105820000	5180600	1668700	85775000	13194000	825430	139090	62190000	356350	
Q9H8K9	Q9H8K9	Arsenite methyltransferase	AS3MT	sp Q9H8K9	4	4	4	0	4	0	4	0	4	0	3	0	4	0	3	11.7	41.747	0	11.159	105570000	0	57472000	0	48097000	0	4610200	0	2433900	
P03891	P03891	NAADH-ubiquinone oxidoreductase chain 2	MT-ND2	sp P03891	1	1	1	0	1	1	1	0	1	1	1	0	1	1	2.6	38.956	0.001565	2.2955	105490000	0	29494000	1336400	74747000	0	2591900	898030	3074000		
P82932	P82932	28S ribosomal protein S6, mitochondrial	MRP56	sp P82932	3	3	3	1	2	3	1	2	3	1	2	3	1	2	3	24	14.226	0	7.817	105400000	321600	51013000	7948600	46155000	1181500	5621100	2285300	2170000	
Q723E5	Q723E5	Lish domain-containing protein ARMC9	ARMC9	sp Q723E5	5	5	5	0	1	0	5	0	1	0	5	0	1	0	5	7.1	91.818	0	13.008	105400000	0	3585400	0	1.01E+08	0	316050	0	4172200	
P56945	P56945	Breast cancer anti-estrogen resistance protein 1	BCAR1	sp P56945	5	5	5	0	0	1	5	0	0	1	5	0	0	1	5	12	93.371	0	14.575	104870000	0	0	0	4667200	1E+08	0	0	3136300	4120700
P11388	P11388	DNA topoisomerase 2-alpha	TOP2A	sp P11388	6	6	6	2	1	5	3	3	1	5	3	3	2	2	1	4.9	174.38	0	14.565	104730000	346330	43265000	10379000	50739000	0	2909700	8549200	1416400	
P13591	P13591	Neural cell adhesion molecule 1	NCAM1	sp P13591	4	4	4	0	4	0	3	0	4	0	3	0	4	0	3	8.2	94.573	0	28.018	104670000	0	63652000	0	40118000	0	5445900	0	1851900	0
Q9Y2U8	Q9Y2U8	Inner nuclear membrane protein Man1	LEM03	sp Q9Y2U8	5	5	5	0	5	1	2	0	5	1	2	0	5	1	2	12.3	99.996	0	17.116	104580000	0	60247000	2424900	40293000	0	4460300	1908300	2180400	
Q8NBN3	Q8NBN3	Transmembrane protein 87A	TMEM87A	sp Q8NBN3	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	3.8	63.429	0	10.425	104480000	0	17661000	0	8681800	0	1556800	0	3570500	
POCW20.P	POCW20.P	LIM and senescent cell antigen-like-containing domain	LIMS3L1LIM	sp POCW20.P	2	2	2	0	1	2	0	0	1	2	0	0	1	2	25.6	13.251	0	10.662	104330000	0	0	2286200	1.02E+08	0	0	1951800	2793100		
P78316	P78316	Nucleolar protein 14	NOP14	sp P78316	6	6	6	0	6	4	4	0	6	4	4	0	6	4	8.9	97.667	0	12.316	104310000	0	49217000	12878000	42214000	0	3423200	9344500	1960400		
Q9H7D0	Q9H7D0	Dedicator of cytokinesis protein 5	DOCK5	sp Q9H7D0	4	4	4	0	0	1	4	0	0	1	4	0	0	1	4	3.5	215.31	0	9.0077	104290000	0	0	1266000	1.03E+08	0	0	2677700	2410100	
Q13885	Q13885	Tubulin beta-2 chain	TUBB2A	sp Q13885	23	1	1	11	23	20	23	0	1	1	1	1	1	1	61.8	49.906	0.002049	3.7546	104290000	0	56549000	2654100	45091000	0	4984800	1783500	1844000		
Q6UW63	Q6UW63	KDEL motif-containing protein 1	KDEL1C1	sp Q6UW63	4	4	4	0	1	0	4	0	1	0	4	0	1	0	4	10.6	58.042	0	9.463	104270000	0	15019000	0	89248000	0	2053000	0	2944100	
Q95208	Q95208	Epsin-2	EPN2	sp Q95208	6	6	6	0	6	0	6	0	6	0	6	0	6	0	6	9.4	68.481	0	14.933	104120000	0	12089000	0	92036000	0	1793600	0	8057000	
Q5VTB9	Q5VTB9	E3 ubiquitin-protein ligase RNF220	RNF220	sp Q5VTB9	3	3	3	0	3	2	2	0	3	2	2	0	3	2	2	5.8	62.765	0	5.45	103990000	0	62132000	2219900	39635000	0	4027400	1992700	2578600	
Q9BUR5	Q9BUR5	Apollipoprotein B	APOB	sp Q9BUR5	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	11.1	22.284	0	5.874	103650000	0	48845000	0	48810000	0	4691200	0	2150700	
P16383	P16383	G-c-rich sequence DNA-binding factor 2	GCFC2	sp P16383	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	4.5	89.384	0.001176	3.0558	103570000	0	46477000	0	57092000	0	4483300	0	1961500	
Q13445	Q13445	Transmembrane emp24 domain-containing protein 1	TMEME1	sp Q13445	4	4	4	1	4	0	3	1	4	0	3	1	4	0	3	20.7	25.206	0	7.462	103560000	236970	53034000	0	60288000	517190	4058500	0	2404200	
P51580	P51580	Thyoxine S-methyltransferase	TMPT	sp P51580	6	4	4	0	4	0	4	0	4	0	4	0	4	0	4	17.1	28.18	0	12.375	103450000	0	41557000	0	1.03E+08	0	3743000	0	2461500	
Q9B5R8	Q																																

Q9Y3B2	Q9Y3B2	Exosome complex component CSL4	EXOSC1	sp Q9Y3B2	3	3	3	0	3	3	3	0	3	3	3	18.5	21.452	0	5.5852	98952000	0	34388000	9137800	55426000	0	3055900	6131500	2263800		
P61803	P61803	Dolichyl-diphosphooligosaccharide--protein glyco	DAD1	sp P61803	2	2	2	0	0	2	0	0	0	0	0	2	15.9	12.497	0.001564	2.2816	98915000	0	0	98915000	0	0	0	4067900		
P49790	P49790	Nuclear pore complex protein Nup153	NUP153	sp P49790	5	5	5	0	3	4	0	5	3	4	0	5	4.9	15.94	0	17.172	98715000	0	47977000	3931000	46807000	0	3568000	4134600	1093100	
Q7L5V1	Q7L5V1	Mitochondrial enolase superfamily member 1	ENOSF1	sp Q7L5V1	1	1	1	0	1	0	1	0	1	0	1	1	3.8	49.786	0	7.9043	98633000	0	27658000	0	70975000	0	2438000	0	2918900	
Q8TAF3	Q8TAF3	WD repeat-containing protein 48	WDR48	sp Q8TAF3	4	4	4	0	4	1	3	0	4	1	3	0	10.5	76.21	0	6.3021	98615000	0	52771000	1417300	44426000	0	3967400	1547300	1916500	
Q95167	Q95167	NADH dehydrogenase [ubiquinone] 1 alpha subc	NDUFA3	sp Q95167	2	2	2	0	1	0	2	0	1	0	2	0	41.7	9.2787	0.001566	2.3048	98381000	0	27058000	0	71323000	0	2771500	0	2546900	
Q9Y2R0	Q9Y2R0	Cytochrome c oxidase assembly factor 3 homolog	COA3	sp Q9Y2R0	3	3	3	0	3	0	3	0	3	0	3	0	30.2	11.731	0	9.6127	98363000	0	57719000	0	40664000	0	4993800	0	1765600	
Q6UX04	Q6UX04	Peptidyl-prolyl cis-trans isomerase CWC27 homol	CWC27	sp Q6UX04	1	1	1	0	1	0	1	0	1	0	1	0	7.2	53.846	0	11.916	98295000	0	24473000	0	53548000	0	2182000	0	3024400	
Q86YV1	Q86YV1	Dolichyl-diphosphatase 1	DOLP1	sp Q86YV1	3	3	3	0	3	0	3	0	3	0	3	0	2	15.5	27.03	0	11.275	98295000	0	49534000	0	53448000	0	4074000	0	2082000
Q9BVA0	Q9BVA0	Katanin p80 WD40 repeat-containing subunit B1	KATPB1	sp Q9BVA0	5	5	5	0	5	0	5	0	5	0	5	0	14.5	72.333	0	9.7607	98145000	0	49755000	0	48380000	0	3878600	0	2497900	
Q969J7	Q969J7	Proteasome assembly chaperone 2	PSMG2	sp Q969J7	3	3	3	0	3	0	3	0	3	0	3	0	10.6	29.396	0	7.1504	97794000	0	32345000	0	68649000	0	3551300	0	2845800	
Q9BTX1	Q9BTX1	Nucleoporin NDC1	NDC1	sp Q9BTX1	4	4	4	0	4	0	4	0	4	0	4	0	9.2	76.304	0	16.426	97763000	0	3839100	0	93924000	0	575200	0	3625900	
Q07864	Q07864	DNA polymerase epsilon catalytic subunit A	POLE	sp Q07864	4	4	4	0	3	0	3	0	3	0	3	0	2.9	261.51	0	9.8734	97614000	0	46387000	0	51227000	0	2301300	0	3894400	
Q9H788	Q9H788	SH2 domain-containing protein 4A	SH2D4A	sp Q9H788	2	2	2	0	1	0	2	0	1	0	2	0	6.8	52.726	0.001172	2.9921	97596000	0	16400000	0	81556000	0	0	0	3354000	
P09496	P09496	Clathrin light chain A	CLTA	sp P09496	2	2	2	0	1	2	2	0	2	2	0	2	6.9	27.076	0	4.5578	97553000	0	13894000	16786000	66873000	0	1857200	10516000	2882100	
Q96CV9	Q96CV9	Optineurin	OPTN	sp Q96CV9	3	3	3	0	1	0	3	0	1	0	3	0	6.4	65.921	0	4.2729	97525000	0	11292000	0	86233000	0	0	0	3546400	
Q03252	Q03252	Lamin-B2	LMNB2	sp Q03252	6	5	5	0	6	1	5	0	5	0	5	0	4	10.2	69.948	0	11.781	97463000	0	42539000	0	54923000	0	3789500	0	2219100
Q75879	Q75879	GlutamyL-tRNA(Gln) amidotransferase subunit B	GATB	sp Q75879	4	4	4	0	4	0	3	0	4	0	3	0	4	15.3	61.863	0	30	97462000	0	28586000	0	68876000	0	2900800	0	2451600
Q8TBS2	Q8TBS2	F-box only protein 30	FBXO30	sp Q8TBS2	3	3	3	0	2	0	3	0	2	0	3	0	4.4	82.303	0	8.3992	97386000	0	7190500	0	90195000	0	1239300	0	2103900	
Q8IZ07;Q6	Q8IZ07	Ankyrin repeat domain-containing protein 13A	ANKRD13A	sp Q8IZ07	4	4	4	0	1	1	4	0	1	1	4	0	7.8	67.618	0	9.9823	97361000	0	10028000	940650	86343000	0	1095200	1543300	2434800	
Q8WXE9	Q8WXE9	Stonin-2	STON2	sp Q8WXE9	3	3	3	0	0	3	0	0	3	0	0	3	5	101.16	0	15.714	97258000	0	0	0	97258000	0	0	0	3999800	
Q7RTP6	Q7RTP6	Protein-methionine sulfoxide oxidase MICAL3	MICAL3	sp Q7RTP6	2	2	2	0	1	1	2	0	1	1	2	0	1.4	224.29	0	5.8645	97221000	0	23626000	11120000	62241000	0	2191500	7862900	2060700	
Q00423	Q00423	Echinoderm microtubule-associated protein-like	EML1	sp Q00423	3	3	3	0	3	0	3	0	3	0	3	0	6.3	89.86	0	18.811	96856000	0	19480000	0	77335000	0	1658200	0	3239500	
Q9UFW8	Q9UFW8	CGG triplet repeat-binding protein 1	CGGBP1	sp Q9UFW8	3	3	3	0	3	2	3	0	3	2	3	0	19.2	18.82	0	5.4181	96796000	0	37073000	1817300	57904000	0	3694900	1461700	1713900	
Q95260	Q95260	Arginyl-tRNA--protein transferase 1	ATE1	sp Q95260	4	2	2	0	1	0	2	0	1	0	2	0	6.8	59.09	0.001175	3.0456	9678000	0	20832000	0	75948000	0	0	0	3123400	
P48681	P48681	Nestin	NES	sp P48681	4	4	4	1	1	2	4	1	1	2	4	1	2.5	177.44	0	6.9068	96651000	355510	7969200	6783800	81543800	1477700	969390	3843100	2679900	
Q75494	Q75494	Serine/arginine-rich splicing factor 10	SRSF10	sp Q75494	2	2	2	0	2	1	0	2	1	0	2	1	8.8	31.3	0	6.1475	96612000	0	39197000	3365700	54049000	0	3455200	2261800	2222800	
Q9Y6D6	Q9Y6D6	Brefeldin A-inhibited guanine nucleotide-exchang	ARFGEF1	sp Q9Y6D6	10	6	6	0	5	2	10	0	3	1	6	7.4	208.76	0	10.994	96572000	0	9958100	879610	85735000	0	1047200	70750	3281000		
Q5T8B1	Q5T8B1	Ribonuclease H2 subunit B	RNASEH2B	sp Q5T8B1	3	3	3	0	3	0	3	0	3	0	3	0	3	12.8	35.138	0	25.224	96560000	0	58079000	0	34842000	0	5117600	0	1546400
Q9H0P0	Q9H0P0	Cytosolic 5'-nucleotidase 3A	NTSC3A	sp Q9H0P0	4	4	4	0	4	0	3	0	4	0	3	0	18.8	37.948	0	35.351	96496000	0	33822000	0	62674000	0	3208500	0	2350300	
Q8NCG7	Q8NCG7	Sn1-specific diacylglycerol lipase beta	DAGLB	sp Q8NCG7	3	3	3	0	3	0	3	0	3	0	3	0	6.4	73.731	0	10.277	96476000	0	16711000	0	70365000	0	2301200	0	2894200	
A1A456	A1A456	Rho GTPase-activating protein 10	ARHGAP10	sp A1A456	2	2	2	0	0	2	0	2	0	0	2	3.1	89.374	0	5.9881	9647000	0	0	0	9647000	0	0	0	3967400		
P13716	P13716	Delta-aminolevulinic acid dehydratase	ALAD	sp P13716	3	3	3	0	2	1	3	0	2	1	3	17.9	36.294	0	10.691	9630000	0	18730000	2430900	75139000	0	1794500	2428100	2152100		
Q13523	Q13523	Serine/threonine-protein kinase PRP4 homolog	PRPF4B	sp Q13523	5	5	5	0	4	1	3	0	4	1	3	7.6	116.99	0	26.104	96229000	0	46126000	2515400	47588000	0	2805600	2766000	2141700		
Q9NYA1	Q9NYA1	Sphingosine kinase 1	SPHK1	sp Q9NYA1	4	4	4	0	1	3	0	4	1	3	0	8.1	42.517	0	6.9207	96197000	0	1754600	383120	94059000	0	371870	318210	3590300		
Q92542	Q92542	Nicastroin	NCSTN	sp Q92542	2	2	2	0	2	1	2	0	2	1	2	2.7	78.41	0.000714	3.2037	96031000	1750400	29189000	3519100	65323000	0	2051400	1784200	2444700		
Q9BYN8	Q9BYN8	28S ribosomal protein S26, mitochondrial	MRPS26	sp Q9BYN8	4	4	4	1	4	1	4	1	1	4	1	23.9	24.211	0	8.5214	96019000	1750400	69827000	1658400	24076000	1746700	5839500	656000	900830		
Q7L592	Q7L592	NADH dehydrogenase [ubiquinone] complex 1, as	NDUFAF7	sp Q7L592	4	4	4	0	4	0	3	0	4	0	3	0	12.5	49.237	0	15.082	95927000	0	62763000	0	33163000	0	5532500	0	0	
Q15628	Q15628	Tumor necrosis factor receptor type 1-associated	TRADD	sp Q15628	3	3	3	0	2	0	3	0	2	0	3	0	12.5	34.247	0	11.849	95900000	0	4714000	0	91186000	0	1157700	0	3007900	
Q96BP3	Q96BP3	Peptidylprolyl isomerase domain and WD repeat	PPWD1	sp Q96BP3	5	5	5	0	4	0	3	0	4	0	3	0	9.8	73.574	0	12.604	95866000	0	52330000	0	43366000	0	3836400	0	2566900	
Q9UDX4;Q	Q9UDX4	SEC14-like protein 3;SEC14-like protein 2	SEC14L3;S1	sp Q9UDX4	1	1	1	0	0	1	0	0	1	0	0	1	5.5	46.048	0	7.6888	95841000	0	0	0	95841000	0	0	0	3941500	
Q969M2	Q969M2	GPI transamidase component PIG-T	PIGT	sp Q969M2	2	2	2	0	1	2	0	1	2	0	1	2	5	65.699	0	5.1711	95806000	901230	0	717970	94186000	0	0	0	3873500	
Q9BYM2	Q9BYM2	Protein DPCD	DPCD	sp Q9BYM2	4	4	4	0	4	0	2	0	4	0	2	17.2	23.239	0	6.0122	95680000	0	0	41093000	0	54594000	0	3237900	0	2629700	
Q96EY5	Q96EY5	Multivesicular body subunit 12A	MVB12A	sp Q96EY5	2	2	2	0	2	0	2	0	2	0	2	15	28.783	0	6.9372	95628000	0	24510000	0	71118000	0	1676600	0	3408700		
P08134;P6	P08134	Rho-related GTP-binding protein Rhoc	RHOC	sp P08134	2	2	2	0	4	2	5	0	1	2	0	36.2	22.006	0.0037	1.9548	95490000	0	5868400	249070	99373000	0	295620	170430	3890100		
A1X283	A1X283	SH3 and PX domain-containing protein 2B	SH3PXD2B	sp A1X283	3	3	3	0	2	0	3	0	2	0	3	6.4	101.58	0	9.7033	95420000	0	9402200	0	86018000	0	1212600	0	3153800		
Q96ER9	Q96ER9	Coiled-coil domain-containing protein 51	CDC51	sp Q96ER9	6	6	6	0	5	1	6	0	5	1	6	18	45.811	0	30.645	95265000	0	52196000	2448500	40620000	0	2849600	3863300	1204100		
Q15056	Q15056	Synaptojanin-2	SYNJ2	sp Q15056	6	6	6	0	6	0	6	0	6	0	6	8.3	165.54	0	19.8											

Q15050	Q15050	Ribosome biogenesis regulatory protein homolog RRS1	sj Q15050C	3	3	3	0	2	3	1	0	2	3	1	0	2	3	1	11.8	41.193	0	12.894	90407000	0	25391000	30543000	34473000	0	2806700	19034000	2339300	
P78356	P78356	Phosphatidylinositol 5-phosphate 4-kinase type 2 PIP4K2B	sj P78356	6	6	4	0	1	0	6	0	1	0	6	0	1	0	4	18	47.377	0	11.558	90266000	0	4771100	0	85495000	0	420570	0	3516000	
Q9Y4R8	Q9Y4R8	Telomere length regulation protein TEL2 homolog TELO2	sj Q9Y4R8	5	5	5	0	3	2	4	0	3	2	4	0	3	2	4	8.2	91.746	0	18.972	90100000	0	10578000	4975800	78934000	0	997660	612430	2900000	
Q5VZ5E	Q5VZ5E	N-alpha-acetyltransferase 35, Na(+)-auxiliary subunit NAA35	sj Q5VZ5E	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	4.7	83.638	0	11.664	89965000	0	14279000	0	75687000	0	975620	0	3395700	
Q8TER5	Q8TER5	Rho guanine nucleotide exchange factor 40	sj ARHGEF40	9	9	9	0	4	0	4	0	4	0	4	0	4	0	9	8	164.66	0	17.11	89788000	0	6	6236800	83551000	0	0	5897900	1279300	
Q81YQ7	Q81YQ7	Threonine synthase-like 1	sj THNSL1	4	4	4	0	4	0	4	0	4	0	4	0	4	0	3	7	83.069	0	12.499	89667000	0	41813000	0	47854000	0	3128500	0	2525200	
Q95671	Q95671	N-acetylserotonin O-methyltransferase-like prote	sj ASMTL	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	7.6	68.856	0	5.9171	89379000	0	0	0	89379000	0	0	0	3675800	
Q43813	Q43813	LanC-like protein 1	sj LANCL1	3	3	3	1	1	2	2	1	1	2	2	1	1	2	2	8	45.283	0	7.5777	89273000	1351400	16549000	6208700	65164000	1768700	2428900	3078300	2163300	
P80217	P80217	Interferon-induced 35 kDa protein	sj IFI35	3	3	3	0	1	0	3	0	1	0	3	0	1	0	3	13.3	31.546	0	9.6105	89159000	0	14804000	0	87679000	0	1153600	0	2582700	
Q9JFC0	Q9JFC0	Leucine-rich repeat and WD repeat-containing pr	sj LRWD1	3	3	3	0	3	0	3	0	3	0	3	0	3	0	2	6.2	70.86	0	9.9845	89072000	0	50799000	0	38282000	0	2979200	0	3072300	
Q9NR9P	Q9NR9P	Oligosaccharyltransferase complex subunit OSTC	sj Q9NR9P	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	8.1	16.829	0.000246	3.6322	88912000	0	34652000	0	54289000	0	3054600	0	2331400	
Q8HWUR	Q8HWUR	UDP205 protein C15orf40	sj C15orf40	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	13.7	16.353	0	7.1175	88847000	0	43211000	2659200	42977000	0	2222900	3636800	1505800	
Q75449	Q75449	Katanin p60 ATPase-containing subunit A1	sj KATNA1	4	4	4	0	3	0	4	0	3	0	4	0	3	0	4	10.4	55.964	0	9.0027	88811000	0	28491000	0	60319000	0	2869200	0	2123000	
Q81VF6A2	Q81VF6A2	Ankyrin repeat domain-containing protein 18A;A	sj ANKRD18A	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	2.6	111.65	0.004116	1.9076	88802000	0	28932000	6307600	53562000	0	3118600	4018200	1856800	
Q12981	Q12981	Vesicle transport protein SEC20	sj BNIP1	3	3	3	0	3	1	2	0	3	1	2	0	3	1	2	17.1	26.132	0	14.666	88523000	0	55952000	2301100	30270000	0	3765300	2046200	1911700	
Q9NUT2	Q9NUT2	ATP-binding cassette sub-family B member 8, mit	sj ABC88	2	2	2	0	3	0	2	0	2	0	2	0	2	0	2	5.9	79.988	0	19.237	88515000	0	6212800	0	82303000	0	624090	0	3308300	
Q15648	Q15648	Mediator of RNA polymerase II transcription subu	sj MED1	5	5	5	0	3	3	3	0	5	3	3	0	5	3	3	5.3	168.48	0	15.608	88365000	0	52430000	3212200	32723000	0	3608300	2528500	1989200	
Q96D17	Q96D17	US small nuclear ribonucleoprotein 40 kDa prote	sj SNRNP40	4	4	4	1	4	3	2	1	4	3	2	1	4	3	2	18.5	39.31	0	11.288	88232000	2207000	37964000	5778700	42282000	3922500	1669900	3234200	2351700	
Q10570	Q10570	Cleavage and polyadenylation specificity factor	sj CPSF1	5	5	5	0	5	1	4	0	5	1	4	0	5	1	4	0	5.7	160.88	0	16.47	88119000	0	41250000	1603000	45266000	0	3787600	1154400	1633000
Q96526	Q96526	CDK5 regulatory subunit-associated protein 1	sj CDK5RAP1	3	3	3	0	2	1	3	0	2	1	3	0	2	1	3	7.2	67.688	0	26.084	88104000	0	36758000	0	51347000	0	3781400	0	1570400	
Q75629	Q75629	Protein CREG1	sj CREG1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	0	9.5	24.074	0	4.3327	88056000	0	20122000	67933000	0	1773800	45651000	0	0	
Q9H0W8	Q9H0W8	Protein SMG9	sj SMG9	5	5	5	0	2	0	5	0	2	0	5	0	2	0	5	20.6	57.65	0	13.33	87720000	0	12614000	0	51706000	0	2179300	0	2021400	
Q95239;Q	Q95239;Q	Chromosome-associated kinesin KIF4A;Chromoso	sj KIF4A	7	6	6	1	7	3	5	1	6	3	4	1	6	3	4	1	6.3	139.88	0	11.604	87682000	889150	45756000	5199900	35836000	1428600	3472000	2529300	2460700
Q9UMR2	Q9UMR2	ATP-dependent RNA helicase DDX19B	sj DDX19B	13	2	2	1	13	0	9	0	2	0	0	0	0	0	0	36.3	53.926	0	32.675	87581000	0	87581000	0	0	0	0	7720200	0	0
Q81V08	Q81V08	Phospholipase D3	sj PLD3	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	4.1	54.705	0	5.1803	87501000	0	6476100	1410900	79614000	0	961290	0	2883800	
P57105	P57105	Synaptotagmin-2-binding protein	sj SYN1ZBP	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	17.9	15.928	0	7.884	87431000	0	13443000	0	73987000	0	1923900	0	2303900	
Q9C040	Q9C040	Tripartite motif-containing protein 2	sj TRIM2	3	3	3	0	3	1	0	0	3	1	0	0	3	1	0	3	5.1	81.529	0.000247	3.6579	87402000	832280	0	886570000	2767700	0	0	1624800	0
P18615	P18615	Negative elongation factor 2	sj NELFE	5	5	5	0	3	0	3	0	4	0	3	0	4	0	3	19.7	43.239	0	10.84	87370000	0	45716000	0	41654000	0	4005300	0	1373600	
P84090	P84090	Enhancer of rudimentary homolog	sj ERH	3	3	3	1	3	2	2	1	3	2	2	1	3	2	2	27.9	12.259	0	21.08	87359000	40888000	2111600	21784000	24238000	2706900	906660	643870	0	
P61769	P61769	Beta-2-microglobulin;Beta-2-microglobulin form	sj B2M	2	2	2	0	2	1	0	2	0	2	1	0	2	0	2	16.8	13.714	0	5.6571	87301000	0	2369900	0	84931000	0	452920	0	3248800	
Q95772	Q95772	MLN64 N-terminal domain homolog	sj STAR23NL	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	14.1	26.654	0	10.272	87298000	0	18259000	5335400	63703000	0	1145800	4739200	1929700	
Q9NW64	Q9NW64	Pre-mRNA-splicing factor RBM22	sj RBM22	4	4	4	0	4	3	3	0	4	3	3	0	4	3	3	10.5	46.895	0	4.5769	87189000	0	44547000	4419700	38222000	0	3312200	2087800	3068700	
P00749	P00749	Urokinase-type plasminogen activator;Urokinase	sj PLAU	4	4	4	0	4	2	4	0	0	2	4	0	0	2	4	13.2	48.507	0	17.224	87085000	0	0	2035100	40560000	0	0	2415500	2449800	0
Q9UGJ0	Q9UGJ0	5-AMP-activated protein kinase subunit gamma-2	sj PRKAG2	1	1	1	0	0	1	0	0	1	0	0	0	1	0	0	3.2	63.065	0	7.4276	86938000	0	0	0	86938000	0	0	0	3575400	
Q6GMV2	Q6GMV2	SET and MYND domain-containing protein 5	sj SMYD5	2	2	2	1	2	1	2	1	2	1	2	1	2	1	2	7.2	47.34	0	8.3395	86866000	25964000	15364000	1281400	44257000	25510000	79196	2633300	1064000	
Q5M775	Q5M775	Cytosin-b	sj SPEC11	7	7	7	0	1	7	4	0	1	7	4	0	1	7	4	8.8	118.58	0	13.38	86691000	0	18662000	32395000	35635000	0	1140400	22548000	1198900	
Q9NXW2	Q9NXW2	Dnal homolog subfamily B member 12	sj DNAI12	4	4	4	0	1	4	4	0	1	4	4	0	1	4	4	16.5	41.859	0	8.4379	86619000	0	6668100	8437900	71440000	0	1510000	4752000	2903000	
Q9HCK8;Q	Q9HCK8;Q	Chromodomain-helicase-DNA-binding protein 8;	sj CHD8;CHD	5	5	4	0	5	1	4	0	5	1	4	0	5	1	4	0	2.9	290.52	0	3409900	1328400	51175000	0	2432600	1729400	1841100	0	0	
Q43505	Q43505	Beta-1,4-glucuronidyltransferase 1	sj B4GAT1	3	3	3	0	1	1	3	0	1	1	3	0	1	1	3	12.3	47.119	0	21.005	86443000	0	15234000	681070	70527000	0	2127000	1436300	1134000	
Q95470	Q95470	Sphingosine-1-phosphate lyase 1	sj SGPL1	4	4	4	0	4	0	2	0	4	0	2	0	4	0	2	8.5	63.523	0	5.836	86381000	0	37014000	0	49366000	0	3078000	0	2222200	
P42575	P42575	Caspase-2,Caspase-2 subunit p18;Caspase-2 sub	sj CASP2	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	9.3	50.685	0	5.2861	86292000	0	56374000	0	29918000	0	4615800	0	1583900	
Q92930	Q92930	Ras-related protein Rab-8B	sj RAB8B	3	2	2	0	1	5	0	2	0	2	0	2	0	2	29	23.584	0	10.139	86241000	0	0	0	86241000	0	0	0	3546700		
Q14487	Q14487	AT-rich interactive domain-containing protein 1A	sj ARID1A	5	5	5	0	3	1	4	0	3	1	4	0	3	1	4	3.7	242.04	0	13.145	86199000	0	20853000	1131500	64215000	0	641840	2021000	1848700	
Q969M3	Q969M3	Protein YIPF5	sj YIPF5	2	2	2	0	1	2	0	1	1	2	0	1	1	2	18.7	27.989	0	6.2143	86174000	0	7571600	2157200	7645000	0	1032900	2235400	1996200		
Q9JUN3	Q9JUN3	Charged multivesicular body protein 2b	sj CHMP2B	4	4	4	1	3	2	4	1	3	2	4	1	3	2	4	17.8	23.906	0	6.7976	86022000	49581	23439000	940190	61593000	155820	2461700	601650	2061500	
Q8N2G8	Q8N2G8	H3 domain-containing protein	sj GHDC	3	3	3	0	2	0	3	0	2	0	3																		

Q9H201	Q9H201	Epsin-3	EPN3	sp Q9H201	2	1	1	0	2	0	2	0	1	0	1	0	1	0	1	3.5	68.221	0.001138	2.5362	81546000	0	13108000	0	68438000	0	1155500	0	2814600	
P09132	P09132	Signal recognition particle 19 kDa protein	SRP19	sp P09132	3	2	3	1	2	1	3	1	2	1	3	1	2	1	3	19.4	16.156	0	12.712	81537000	385320	32704000	423710	48023000	489760	2535200	621730	1881200	
Q8NB6F	Q8NB6F	Late secretory pathway protein AVL9 homolog	AVL9	sp Q8NB6F	2	2	3	0	1	0	2	0	1	0	2	0	1	0	2	9.6	71.947	0	20.593	81496000	0	72097000	0	74287000	0	1458500	0	2234900	
Q13362	Q13362	Serine/threonine-protein phosphatase 2A 56 kDa PPP2R5C	PPP2R5C	sp Q13362	6	2	4	0	0	3	2	6	0	0	0	2	0	0	2	19.5	61.06	0	74.484	81234000	0	0	0	81234000	0	0	0	3340800	
P50750	P50750	Cyclin-dependent kinase 9	CDK9	sp P50750	5	5	4	2	4	3	5	0	3	2	4	0	3	2	4	15.1	42.777	0	10.615	81233000	0	37411000	5145100	38676000	0	2536400	4029500	1780000	
Q9UM22	Q9UM22	Mammalian ependymin-related protein 1	EPDR1	sp Q9UM22	2	2	2	0	1	2	2	0	1	2	2	0	1	2	2	8.5	25.437	0	3.9837	81229000	0	43787000	4185000	72665000	0	0	4448600	1352100	
Q9696G	Q9696G	Riboflavin kinase	RFK	sp Q9696G	2	2	2	0	0	0	2	0	0	0	2	0	0	0	2	38.7	17.623	0	5.2823	81209000	0	0	0	81209000	0	0	0	3339800	
Q9BV6;Q9BV6;Q9BV6	Q9BV6;Q9BV6;Q9BV6	U3 small nuclear RNA-associated protein 14 homolog; RNA binding protein fox-1 homolog 2; RNA binding protein fox-1 homolog 2; RNA binding protein fox-1 homolog 2	UTP14A;U3	sp Q9BV6	2	2	2	0	1	2	2	0	1	2	2	0	1	2	2	3.1	87.977	0	7.0769	81051000	0	5435400	10566000	65049000	0	882400	7135800	2236700	
Q43251;Q43251;Q43251	Q43251;Q43251;Q43251	RNA binding protein fox-1 homolog 2; RNA binding protein fox-1 homolog 2; RNA binding protein fox-1 homolog 2	RFBFOX2;RFBFOX2	sp Q43251	2	2	2	0	0	3	2	0	3	2	0	3	2	0	3	12.8	41.373	0	8.6581	81029000	0	43313000	13369000	24347000	0	8695800	8344800	1762900	
Q00461	Q00461	Golgi integral membrane protein 4	COL1M4	sp Q00461	4	4	4	1	2	2	3	1	2	2	3	1	2	2	3	6.8	81.879	0	28.489	80972000	5109600	14325000	2039900	54870000	3700100	1462800	1482500	1723100	
Q6V9VM	Q6V9VM	Zinc finger CCH domain-containing protein 18	ZC3H18	sp Q6V9VM	4	4	4	0	0	4	3	0	4	3	4	0	4	3	4	5.7	106.38	0	6.6809	80775000	0	38670000	10447000	31657000	0	3290000	6257000	2184400	
Q4G176	Q4G176	Acyl-CoA synthetase family member 3, mitochondrion	ACSFG3	sp Q4G176	3	3	3	0	0	3	0	3	0	3	0	3	0	3	0	5.7	64.129	0	8.884	80713000	0	27228000	0	53485000	0	2397500	0	2202300	
Q8NB5I	Q8NB5I	Solute carrier family 43 member 3	SLC43A3	sp Q8NB5I	3	3	3	0	0	0	3	0	0	3	0	0	3	0	0	3	4.9	54.528	0	4.8847	80548000	0	0	0	80548000	0	0	0	3312600
Q13642	Q13642	Four and a half UIM domains protein 1	FHL1	sp Q13642	2	2	2	1	2	0	1	1	2	0	1	1	2	0	1	7.1	36.263	0	5.8822	80439000	3288600	61353000	0	15798000	4273300	3767400	0	1305800	
Q96DA6	Q96DA6	Mitochondrial import inner membrane translocase DNAC19	DNAC19	sp Q96DA6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12.1	12.498	0	4.8051	80346000	0	38563000	4631200	37152000	0	3399300	3112100	1527900	
Q8N4P3	Q8N4P3	Guanosine-3,5-bis(diphosphate) 3-pyrophosphohydroxy HDDC3	HDDC3	sp Q8N4P3	1	3	3	0	3	0	3	0	3	0	3	0	3	0	3	0	24	20.329	0	18.497	80305000	0	63574000	0	16731000	0	4971400	0	1320700
Q14981	Q14981	TATA-binding protein-associated factor 172	TAF1	sp Q14981	4	4	4	0	2	1	4	0	2	1	4	0	2	1	4	3.6	206.89	0	11.539	80294000	0	12691000	1002100	66601000	0	1292200	865700	2373200	
Q4G0F5	Q4G0F5	Vacuolar protein sorting-associated protein 26B	VPS26B	sp Q4G0F5	3	2	2	0	3	0	2	0	3	0	2	0	2	0	2	9.5	39.154	0	5.1504	80231000	0	28451000	0	51779000	0	2700600	0	1936800	
Q13405	Q13405	39S ribosomal protein L49, mitochondrial	MRPL49	sp Q13405	2	2	2	0	1	2	1	0	1	2	1	0	1	2	1	15.1	19.198	0	4.4582	79903000	0	22290000	1967400	55646000	0	1964800	1322100	2288500	
Q6NYC8	Q6NYC8	Phostensin	PPP1R18	sp Q6NYC8	3	3	3	0	0	3	0	0	3	0	0	0	0	3	0	8.2	67.942	0	18.848	79719000	0	0	0	79719000	0	0	0	3278500	
Q14141	Q14141	Septin-6	Sep-06	sp Q14141	10	5	5	1	10	4	5	0	5	0	5	0	5	0	5	26.3	49.976	0	15.025	79643000	0	79643000	0	79643000	0	7020400	0	0	
Q6P158	Q6P158	Putative ATP-dependent RNA helicase DHX57	DHX57	sp Q6P158	5	4	4	1	4	1	4	0	4	0	4	0	4	0	4	4.1	155.6	0.001153	2.7157	79457000	0	31403000	0	48054000	0	3399100	0	1345300	
Q16877;P16877;P16877	Q16877;P16877;P16877	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase PFKFB4;PFKFB4	PFKFB4	sp Q16877	3	3	2	1	0	0	2	1	0	0	2	0	0	2	0	8.1	54.039	0	5.8036	79420000	33723000	0	0	0	45696000	0	0	0	1879300
Q9Y4X5	Q9Y4X5	E3 ubiquitin-protein ligase ARIH1	ARIH1	sp Q9Y4X5	4	4	4	0	3	0	3	0	3	0	3	0	3	0	3	11	64.117	0	29.331	79193000	0	44630000	0	34563000	0	4537600	0	8179400	
Q8TCC3	Q8TCC3	39S ribosomal protein L30, mitochondrial	MRPL30	sp Q8TCC3	3	3	3	0	3	2	3	0	3	2	3	0	3	2	3	18	18.546	0	5.7212	79109000	0	29910000	2671100	46527000	0	2454800	2091500	1787100	
Q86U90	Q86U90	YrcD domain-containing protein, mitochondrial	YRC3	sp Q86U90	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	2	19	29.328	0	10.019	78935000	0	48412000	0	30523000	0	3884500	0	1638200
Q25204	Q25204	Zinc transporter SLC39A7	SLC39A7	sp Q25204	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	50.117	0	4.9011	78870000	3174500	30350000	0	33282000	3174500	2675300	0	1862300	
Q9BXW9	Q9BXW9	Fanconi anemia group D2 protein	FANCD2	sp Q9BXW9	5	5	5	1	5	1	5	1	5	1	5	1	5	1	5	4.9	164.13	0	9.8788	78644000	61420	48232000	457980	29340000	1926900	2797400	0	1348200	
Q9UNN5	Q9UNN5	FAS-associated factor 1	FAF1	sp Q9UNN5	7	7	7	7	1	0	7	1	0	7	1	0	7	1	0	13.7	73.953	0	29.475	78610000	0	77209000	1300800	0	0	0	1474000	874100	0
Q9H2H8	Q9H2H8	Peptidyl-prolyl cis-trans isomerase-like 3	PPII3	sp Q9H2H8	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	16.1	18.154	0	8.6472	78558000	0	14473000	1292900	62792000	0	2002200	1363500	1361300	
Q15154	Q15154	Pericentriolar material 1 protein	PCM1	sp Q15154	5	5	5	1	5	1	5	1	1	5	1	1	5	1	5	3.2	228.54	0	10.567	78540000	23522000	3499700	2729700	48788000	24564000	322150	1915600	807100	
P15309	P15309	Prostatic acid phosphatase;PAPF39	ACPP	sp P15309	3	3	3	0	0	1	3	0	0	1	3	0	0	1	3	9.6	44.566	0	7.0107	78529000	0	0	684000	77845000	0	512820	3148200	0	0
Q8TED1	Q8TED1	Probable glutathione peroxidase 8	GPX8	sp Q8TED1	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	10	23.881	0	4.7081	78499000	0	12410000	1320200	64769000	0	1013200	1443700	2187800	
Q96AB3	Q96AB3	Isochorismatase domain-containing protein 2, mit	ISOC2	sp Q96AB3	2	2	2	0	1	0	1	0	1	0	1	0	1	0	1	20	22.337	0	27.375	78440000	0	6657900	0	71828000	0	0	0	2952100	
Q75818	Q75818	Ribonuclease P protein subunit p40	RPP40	sp Q75818	2	2	2	0	2	1	0	1	0	1	0	1	0	1	10.5	41.833	0	9.2079	78412000	0	51308000	3838500	123265000	0	3927900	2567400	1567300	0	749500
Q13610	Q13610	Periodic tryptophan protein 1 homolog	PWP1	sp Q13610	2	2	2	1	2	0	1	1	2	0	1	1	2	0	1	7.2	55.827	0.000485	3.447	78376000	39884000	20272000	0	18220000	40425000	1235100	0	265000	
Q94832	Q94832	Unconventional myosin-Id	MYO1D	sp Q94832	5	5	5	2	4	2	4	2	4	2	4	2	4	2	4	5.2	116.2	0	8.2401	78182000	9368300	28118000	1491000	39205000	5328200	2910300	3757900	2464700	
Q13188	Q13188	Serine/threonine-protein kinase 3;Serine/threonine	STK3	sp Q13188	3	2	2	0	3	0	3	0	2	0	2	0	2	0	2	7.7	56.3	0	6.417	78173000	0	35373000	0	42435000	0	3193800	0	1701600	
Q99700	Q99700	Ataxin-2	ATXN2	sp Q99700	4	4	4	0	4	1	2	0	4	1	2	0	4	1	2	8	140.28	0	8.5879	77915000	0	46663000	685560	30567000	0	3015500	1291600	5739900	
Q75330	Q75330	Hyaluronan mediated motility receptor	HMMR	sp Q75330	4	4	4	2	4	2	4	2	4	2	4	2	4	2	4	2	8.6	84.099	0	15.494	77731000	0	9572900	18970000	49198000	0	1585100	11816000	2214100
Q7LG56	Q7LG56	Ribonucleoside-diphosphate reductase subunit M	RRM2B	sp Q7LG56	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	13.7	40.736	0	14.321	77539000	0	32063000	0	45476000	0	1846500	0	280100	
Q9ULH7	Q9ULH7	MKL/myocardin-like protein 2	MKL2	sp Q9ULH7	2	2	2	0	3	0	3	0	3	0	3	0	3	0	2	5.9	118.13	0.002876	2.1578	77527000	0	23676000	0	53851000	0	2008600	0	2293100	
P07738	P07738	Bisphosphoglycerate mutase	BPGM	sp P07738	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	12.4	30.005	0	12.623	77387000	0	16860000	0	60587000	0	1556900	0	2415600	
A6NKN2	A6NKN2	Putative keratin-87 protein	KRT87P	sp A6NKN2																													

Q99747	Q99747	Gamma-soluble NSF attachment protein	NAPG	sp Q99747	3	3	3	0	3	0	2	0	3	0	2	0	3	0	2	12.2	34.746	0	12.77	73197000	0	34355000	0	38842000	0	3000600	0	1625100	
Q9NZN3	Q9NZN3	EH domain-containing protein 3	EHD3	sp Q9NZN3	12	3	2	0	6	4	10	0	0	0	2	0	0	0	2	29.5	60.886	0	4.9069	72911000	0	18422000	0	54489000	0	1623900	0	0	
Q6NW29	Q6NW29	RWD domain-containing protein 4	RWD04	sp Q6NW29	2	2	2	0	2	0	0	2	0	2	0	2	0	2	0	10.1	21.25	0.00072	3.3262	72880000	0	23866000	0	48994000	0	2067900	0	2023700	
P51617	P51617	Interleukin-1 receptor-associated kinase 1	IRAK1	sp P51617	4	4	3	0	4	0	0	4	0	2	0	3	0	1	7.2	76.536	0	19.164	72695000	0	50054000	0	22640000	0	3736600	0	1606700		
Q9BRZ2	Q9BRZ2	E3 ubiquitin-protein ligase TRIM56	TRIM56	sp Q9BRZ2	3	3	3	0	3	2	0	0	3	2	0	0	3	2	6.1	81.487	0	13.638	72639000	0	0	9339600	63299000	0	0	4985600	3898300		
Q6NUQ4	Q6NUQ4	Transmembrane protein 214	TMEM214	sp Q6NUQ4	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	3.5	77.15	0	7.4648	72558000	0	11202000	3460000	57896000	0	1162900	2738300	1792300	
P36639	P36639	7,8-dihydro-8-oxoguanine triphosphatase	NUDT1	sp P36639	2	2	2	0	2	0	0	0	2	0	0	2	0	0	14.2	22.519	0	5.165	72437000	0	72437000	0	0	0	6385300	0	0		
Q9UBL3	Q9UBL3	Set1/Ash2 histone methyltransferase complex subunit 2	ASH2L	sp Q9UBL3	2	2	2	0	2	0	0	2	0	2	0	0	1	0	1	5.6	68.722	0	12.904	72429000	0	61718000	0	10710000	0	4286000	0	1594900	
O95166	O95166	Gamma-aminobutyric acid receptor-associated protein GABARAP	GABARAP	sp O95166	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	23.9	13.918	0	5.1555	72330000	0	61428000	0	66187000	0	0	2722000	0	
Q8TCU6	Q8TCU6	Phosphatidylinositol 3,4,5-trisphosphate-dependent protein PIPK1	PIP1	sp Q8TCU6	5	5	5	0	1	5	0	1	5	0	1	5	0	1	5	3.7	186.2	0	9.1257	72325000	0	0	658910	71666000	0	0	852280	2537800	
Q9BUR4	Q9BUR4	Telomerase Cajal body protein 1	WRAP53	sp Q9BUR4	2	2	2	0	1	0	2	0	1	0	2	0	1	0	1.7	53.309	0	6.2347	72073000	0	41055000	0	0	0	67972000	0	1371600	0	1785600
P42696	P42696	RNA-binding protein 34	RBM34	sp P42696	4	4	4	0	2	1	4	0	2	1	4	0	2	1	4	2	12.3	48.564	0	7.8294	72035000	0	9996500	18989000	43049000	0	1469400	12541000	1402400
O94842	O94842	TOX high mobility group box family member 4	TOX4	sp O94842	3	3	1	1	2	1	2	1	2	1	2	0	0	1	6.4	66.194	0	12.384	72033000	934690	29130000	1577000	40389000	1540000	1639300	1639800	1404100		
Q8NSM9	Q8NSM9	Protein jagunal homolog 1	JAGN1	sp Q8NSM9	3	1	1	0	1	1	0	1	1	0	1	1	0	1	6.6	21.125	0	5.1861	71983000	0	30448000	1930000	39605000	0	2694400	1349200	1566600	0	
B9A064	B9A064	Immunoglobulin lambda-like polypeptide 5; Ig lam IGLL5; IGLC 5	IGLL5	sp B9A064	4	2	2	3	0	3	0	0	2	0	2	0	1	0	26.6	23.063	0.001145	2.6103	71964000	68274000	0	3689500	0	31399000	0	39355000	0	0	
Q8WXD5	Q8WXD5	Gem-associated protein 3	GEM3	sp Q8WXD5	3	3	3	1	3	0	3	1	3	0	3	0	1	3	21.6	18.824	0	4.5074	71910000	900840	31297000	0	39703000	0	2658500	0	1733000	0	
Q9HBL7	Q9HBL7	Plasminogen receptor (KT)	PLGRKT	sp Q9HBL7	1	1	1	0	0	1	1	0	0	1	0	0	1	1	8.8	17.201	0	4.5549	71877000	0	0	2722400	69154000	0	0	1835300	2883100	0	
P08047	P08047	Transcription factor SP1	SP1	sp P08047	2	2	2	0	2	1	2	0	2	1	2	0	2	1	5.5	80.692	0	10.589	71856000	0	25630000	3479300	42746000	0	1925400	2908700	1521200	0	
P18887	P18887	DNA repair protein XRCC1	XRCC1	sp P18887	2	2	2	0	2	0	2	0	2	0	2	0	2	3.5	69.476	0	6.9196	71772000	0	0	18266000	0	53506000	0	1673100	0	2137500	0	
Q9BWQ6	Q9BWQ6	Protein YIPF2	YIPF2	sp Q9BWQ6	1	1	1	0	1	0	1	0	1	0	1	0	1	0	9.2	35.151	0	9.6654	71606000	0	20180000	0	0	0	51426000	0	1778900	0	2114900
P58107	P58107	Epiplakin	EPK1	sp P58107	8	1	1	1	2	8	7	0	1	1	1	1	1	1	9	555.65	0.001149	2.6469	71557000	0	26635000	13615000	31307000	0	0	0	1287500	0	
Q9NZJ7	Q9NZJ7	Mitochondrial carrier homolog 1	MTC1	sp Q9NZJ7	1	1	1	0	1	1	1	0	1	1	0	1	1	1	2.8	41.544	0.000489	5.3582	71462000	0	20022000	12610000	50179000	0	1764900	847400	2063600	0	
Q16718	Q16718	NADH dehydrogenase [ubiquinone] 1 alpha subunit NDUFAS1	NDUFAS1	sp Q16718	1	1	1	0	1	0	1	0	1	0	1	0	1	0	8.6	13.459	0.000716	3.2665	71298000	0	29023000	0	42726000	0	2558300	0	1738600	0	
Q04726	Q04726	Transducin-like enhancer protein 3; Transducin-like TLE3; TLE2	TLE3	sp Q04726	3	3	3	0	2	0	2	0	2	0	2	0	2	0	2	4.8	83.416	0	7.1424	71289000	0	48136000	0	23153000	0	4192800	0	1002500	0
P04114	P04114	Apolipoprotein B-100; Apolipoprotein B-48	APOB	sp P04114	3	2	2	1	1	0	2	1	1	0	1	1	0	1	0.7	515.6	0.001142	2.5774	71280000	55305	35959000	0	35266000	55305	0	0	1450300	0	
Q5VTL8	Q5VTL8	Pre-mRNA-splicing factor 3BB	PRPF3BB	sp Q5VTL8	2	2	2	0	2	1	2	0	2	1	2	0	1	2	3.7	64.467	0	4.5011	71214000	24317000	28864000	25701000	37348000	25183000	2955500	1654200	1471100	0	
P04150	P04150	Glucocorticoid receptor	NR3C1	sp P04150	4	4	4	0	4	1	4	0	1	4	0	1	4	7.7	85.658	0	7.1424	71182000	26393000	0	2587600	44531000	24745000	0	2139500	1513500	0	0	
Q8T861	Q8T861	Adenosine 3-phospho 5-phosphosulfate transport SLC35B2	SLC35B2	sp Q8T861	4	4	4	0	2	3	4	0	2	3	4	0	2	4	8.3	47.514	0	4.6135	71155000	0	50195000	3191300	62944000	0	0	1196400	1706600	2272600	0
Q55WX8	Q55WX8	Protein odr-4 homolog	ODR4	sp Q55WX8	2	2	2	0	2	0	2	0	2	0	2	0	2	4	4.6	51.103	0.000248	3.7045	71048000	0	17716000	0	0	0	53332000	0	11571000	0	2183900
P56377	P56377	AP-1 complex subunit sigma-2	AP1S2	sp P56377	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	15.9	18.615	0	7.2883	71026000	0	35992000	0	35034000	0	3068200	0	1543700	0
Q9Y2H6	Q9Y2H6	Fibronectin type-III domain-containing protein 3A FNDC3A	FNDC3A	sp Q9Y2H6	3	3	3	0	1	0	3	0	1	0	3	0	1	0	3	4.5	13.85	0	12.866	70833000	0	34828000	0	6750000	0	1622300	0	1454600	0
P13498	P13498	Cytochrome b-245 light chain	CYBA	sp P13498	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	8.7	21.012	0.001146	2.6194	70693000	0	25377000	759010	44557000	0	1579400	1294800	1705200	0
Q8N111	Q8N111	Cell cycle exit and neuronal differentiation protein CEN01	CEN01	sp Q8N111	2	2	2	0	2	0	2	0	2	0	2	0	2	0	28.2	14.954	0	5.2047	70660000	0	0	0	70660000	0	0	0	2900000	0	
P49840	P49840	Glycogen synthase kinase-3 alpha	GSK3A	sp P49840	2	2	2	0	0	3	0	0	2	0	2	0	0	2	8.5	50.98	0	6.2315	70408000	0	28930000	0	41477000	0	2483000	0	1773000	0	
Q9NPJ3	Q9NPJ3	Acyl-coenzyme A thioesterase 13; Acyl-coenzyme A	ACOT13	sp Q9NPJ3	1	1	1	0	1	0	1	0	1	0	1	0	1	0	7.1	14.96	0.001129	2.4313	70371000	0	33938000	0	36433000	0	2991600	0	1498300	0	0
Q9Y486	Q9Y486	Protein VPRBP	VPRBP	sp Q9Y486	3	3	3	0	2	0	2	0	2	0	2	0	2	0	2	3.9	169.01	0	5.9377	70309000	0	28207000	0	47502000	0	0	0	1953600	0
Q8NB16	Q8NB16	Mixed lineage kinase domain-like protein	MLKL	sp Q8NB16	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	6.8	54.478	0	14.835	69997000	0	18833000	669110	50964000	0	2472600	686830	1004900	0
Q8WUY1	Q8WUY1	Protein THEM6	THEM6	sp Q8WUY1	3	3	3	0	3	1	2	0	3	1	2	0	3	1	2	17.3	23.865	0	7.6341	69957000	0	51165000	1064500	17728000	0	4149900	948710	8552900	0
Q9UBD5	Q9UBD5	Origin recognition complex subunit 3	ORC3	sp Q9UBD5	2	2	2	0	2	1	2	0	2	1	2	0	2	3	8.2	82.253	0	7.8485	69871000	0	10467000	1403400	58000000	0	828030	1291100	2129000	0	
Q99996	Q99996	A-kinase anchor protein 9	AKAP9	sp Q99996	8	8	8	0	6	0	8	0	6	0	8	0	6	0	8	2.4	452.98	0	11.739	69838000	0	17806000	0	52031000	0	2067900	0	1641600	0
O15075	O15075	Serine/threonine-protein kinase DCLK1	DCLK1	sp O15075	2	2	2	0	2	0	2	0	2	0	2	0	2	0	5.8	82.223	0	5.3286	69822000	0	0	0	69822000	0	0	0	2871500	0	
P16402	P16402	Histone H3.3	HIST1H3D	sp P16402	9	2	2	3	8	7	9	0	1	2	0	1	2	0	2	30.8	22.735	0	4.6878	69773000	0	5429000	118910	64229000	0	2502200	331420	366290	0
Q9BVQ7	Q9BVQ7	Spermatoogenesis-associated protein 5-like protein 5; SPAT5L1	SPAT5L1	sp Q9BVQ7	3	3	3	1	3	1	2	1	3	1	2	1	3	1	2	7.3	80.709	0	11.659	69673000	102970	69673000	1585500	33433000	354110	785100	2988900	994690	0
Q75419	Q75419	Cell division control protein 45 homolog	CDK45	sp Q75419	3	3	3	0	3	0	3	0	3	0	3	0	3	0	2	8.3	65.568	0	9.365	69633000	0	6020							



Q68CQ7	Q68CQ7	Glycosyltransferase 8 domain-containing protein	GLT8D1	Q1068CQ	3	3	3	0	1	0	3	0	1	0	3	0	1	0	3	10.8	41.935	0	10.226	65621000	0	6313900	0	59307000	0	0	0	2439100	
Q9Y3R5	Q9Y3R5	Protein dopey-2	DOPEY2	Q109Y3R	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	1.4	258.23	0	10.196	65598000	0	52782000	0	52886000	0	0	0	2052700	
Q86TP1	Q86TP1	Protein prune homolog	PRUNE	Q1086TP	4	4	4	0	4	0	1	0	4	0	1	0	4	0	1	11.9	50.199	0	42.266	65360000	0	15812000	0	6778100	0	0	0	6672300	
P15291	P15291	Beta-1,4-galactosyltransferase 1:Lactose synthase	B4GALT1	Q1P1529	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	5	43.92	0	9.398	65290000	0	0	0	65290000	0	0	0	2685100	
Q9P013	Q9P013	Spliceosome-associated protein CWC15 homolog	CWC15	Q109P01	2	2	2	0	2	0	1	0	2	0	1	0	2	0	1	15.7	26.624	0	5.4814	65233000	0	50178000	0	15055000	0	0	0	18589700	
Q13546	Q13546	Receptor-interacting serine/threonine-protein kinase R1PK1	R1PK1	Q113546	4	4	4	0	4	0	4	0	4	0	4	0	4	0	2	7.6	75.93	0	8.0752	65181000	0	40089000	0	25092000	0	0	0	2123600	
P29317	P29317	Ephrin type-A receptor 2	EPHA2	Q102931	4	4	4	0	4	0	4	0	4	0	4	0	4	0	4	5	108.27	0	8.672	65029000	0	0	0	65029000	0	0	0	2674400	
P52735	P52735	Guanine nucleotide exchange factor VAV2	VAV2	Q105273	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	5.4	101.29	0	11.255	64982000	0	10984000	0	53998000	0	0	0	1437000	
Q92845	Q92845	Kinesin-associated protein 3	KIFAP3	Q109284	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	2.5	91.204	0	12.411	64979000	0	2904200	0	62075000	0	0	0	438700	
Q96973	Q96973	Sorting nexin-21	SNX21	Q109697	3	3	3	0	1	3	0	0	1	3	0	0	1	3	16.1	41.365	0	9.6346	64899000	0	0	0	63856000	0	0	0	2380300		
Q8273	Q8273	RNA pseudouridylylase synthase domain-containing protein PUS2D2	PUS2D2	Q108273	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	4.6	61.311	0	6.6737	64827000	0	19085000	0	13755000	0	0	0	16785000	
Q15052	Q15052	Rho guanine nucleotide exchange factor 6	ARHGEF6	Q115052	2	2	2	0	2	0	1	0	2	0	1	0	2	0	2	8.4	87.498	0	4.7199	64811000	0	4010800	0	4010800	0	0	0	2403100	
Q9UJ41	Q9UJ41	Rab5 GDP/GTP exchange factor	RABGEF1	Q109UJ4	4	4	4	0	4	0	3	0	4	0	3	0	4	0	3	11.8	56.89	0	10.408	64695000	0	17819000	0	46876000	0	0	0	2039300	
Q6NUM9	Q6NUM9	All-trans-retinol 13,14-reductase	RETSA1	Q106NUM	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	2	66.819	0.000488	3.5135	64656000	0	0	0	0	0	0	0	2659000	
P51808	P51808	Dynein light chain Tctex-type 3	DYLNLT3	Q105180	1	1	1	0	0	1	0	0	1	0	0	0	1	0	0	29.3	13.062	0	6.3405	64319000	0	0	0	64319000	0	0	0	2645200	
Q15067	Q15067	Peroxisomal acyl-coenzyme A oxidase 1	ACOX1	Q101506	4	4	4	0	4	0	1	0	4	0	1	0	4	0	1	9.4	74.423	0	22.395	64215000	0	62141000	0	2074000	0	0	0	4658500	
Q16566	Q16566	Calcium/calmodulin-dependent protein kinase type CAMK4	CAMK4	Q116566	3	3	3	0	1	3	0	1	3	0	1	3	0	1	3	9.7	51.925	0	9.5085	64102000	0	3188000	0	2322500	0	0	0	652600	
Q99442	Q99442	Translocation protein SEC62	SEC62	Q109944	3	3	3	0	1	2	3	0	1	2	3	0	1	2	3	7	45.861	0	5.1132	63872000	0	5775500	0	2175000	0	55381000	0	0	1271600
Q9NRW3	Q9NRW3	DNA c->du-editing enzyme APOBEC-3C	APOBEC3C	Q109NRW	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	16.3	22.826	0.001169	2.9376	63858000	0	6301700	0	57566000	0	0	0	4170100	
Q9BY29	Q9BY29	YTH domain-containing family protein 1	YTHDF1	Q109BY2	9	9	9	0	1	4	6	1	2	2	2	2	2	2	17.5	60.873	0	5.6419	63845000	2421700	15174000	0	6416600	0	39833000	3043900	1906400	3411000	1348000
Q965Y0	Q965Y0	von Willebrand factor A domain-containing protein VWA9	VWA9	Q10965Y	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	10	57.47	0	10.148	63783000	0	15554000	0	48228000	0	0	0	1420700	
Q14573;Q	Q14573	Inositol 1,4,5-trisphosphate receptor type 3	ITPR3	Q114573	4	4	4	0	4	0	6	0	4	0	2	3	4	0	2	7	304.1	0	4.5333	63540000	0	14624000	0	2766900	0	0	0	2369100	
P49069	P49069	Calcium signal-modulating cyclophilin ligand	CAMLG	Q104906	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	23.3	32.952	0	12.444	63477000	0	25020000	0	38457000	0	0	0	2309800	
Q96EC8	Q96EC8	Protein YIP6	YIP6	Q1096EC	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	11.9	26.256	0	6.9974	63437000	0	11926000	0	2360900	0	0	0	931240	
Q9Y229	Q9Y229	Ubiquinone biosynthesis monooxygenase COQ6	COQ6	Q109Y22	5	5	5	0	5	1	2	0	5	1	2	0	5	1	2	12.4	50.869	0	9.3709	63278000	0	46072000	0	1510500	0	15695000	0	0	3988000
Q9UNX4	Q9UNX4	WD repeat-containing protein 3	WDR3	Q109UNX	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	4	106.11	0	11.568	63250000	0	29988000	0	33263000	0	0	0	2724100	
Q96G99	Q96G99	Methylthioauribiose-1-phosphate dehydratase	ADP	Q1096G9	2	2	2	0	2	0	1	0	2	0	1	0	2	0	1	9.1	27.125	0	5.296	63180000	0	32391000	0	63789000	0	0	0	2352800	
Q8TR09	Q8TR09	Protein kish-A	TMEM167	Q108TR0	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	12.5	8.0598	0.003484	1.9777	63044000	0	17808000	0	45236000	0	0	0	1565700	
Q8TRV0	Q8TRV0	PHD finger-like domain-containing protein 5A	PHF5A	Q108TRV	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	15.5	12.405	0	4.2142	62919000	0	34972000	0	1723700	0	0	0	26224000	
Q8Y37	Q8Y37	Probable ATP-dependent RNA helicase DHX37	DHX37	Q108Y37	3	3	3	0	2	1	3	0	2	1	3	0	2	1	3	4	125.54	0	6.6329	62890000	0	30697000	0	2189500	0	30004000	0	0	736230
Q726M1	Q726M1	Rab9 effector protein with kelch motifs	RABEPK	Q10726M	4	4	4	0	3	0	3	0	3	0	3	0	3	0	3	19.1	40.564	0	6.5261	62886000	0	30149000	0	32737000	0	0	0	2806700	
Q9BV79	Q9BV79	Trans-2-enoyl-CoA reductase, mitochondrial	MCCR	Q109BV7	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	5.6	40.461	0	4.5639	62878000	0	19597000	0	43281000	0	0	0	1922100	
Q9BPY3	Q9BPY3	Protein FAM118B	FAM118B	Q109BPY	2	2	2	0	2	0	0	2	0	2	0	0	2	0	0	8	39.499	0	7.7007	62845000	0	62845000	0	0	0	0	0	5539700	
Q75152	Q75152	Zinc finger CCH domain-containing protein 11A	ZC3H11A	Q107515	5	5	5	0	4	2	5	0	4	2	5	0	4	2	10.5	89.13	0	8.5671	62657000	6302900	50295000	0	6059100	0	0	0	0	4186600	
Q6VMQ6	Q6VMQ6	Activating transcription factor 7-interacting protein ATF7IP	ATF7IP	Q106VMQ	3	3	3	0	1	3	0	1	3	0	1	3	0	1	3	4.8	136.39	0	5.2048	62654000	0	9398900	0	4415400	0	48840000	0	0	1056900
Q9UHQ4	Q9UHQ4	B-cell receptor-associated protein 29	BCAP29	Q109UHQ	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	10	28.32	0	6.9714	62420000	0	2605000	0	935000	0	58880000	0	0	559940
Q95379	Q95379	Tumor necrosis factor alpha-induced protein 8	TNFAIP8	Q109537	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	17.2	23.003	0	15.828	62230000	0	3305600	0	58925000	0	0	0	388970	
Q75691	Q75691	Small subunit processome component 20 homolog UTP20	UTP20	Q107569	5	5	5	0	1	3	5	0	1	3	5	0	1	3	5	2.6	318.38	0	6.6831	62189000	0	2229200	0	4562600	0	0	0	53937000	
Q7LGA3	Q7LGA3	Heparan sulfate 2-O-sulfotransferase 1	HS2T1	Q107LGA	3	3	3	0	3	1	3	0	3	1	3	0	3	1	12.9	41.881	0	6.9986	61930000	0	46765000	0	2094500	0	13070000	0	0	3350400	
Q9H900	Q9H900	Protein zwilch homolog	ZWLICH	Q109H90	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	3.9	67.213	0	3.9908	61880000	0	24524000	0	37356000	0	0	0	2337600	
Q9C035	Q9C035	Tripartite motif-containing protein 5	TRIM5	Q109C03	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	6.5	56.338	0	18.583	61801000	0	18590000	0	43211000	0	0	0	1677800	
P61421	P61421	V-type proton ATPase subunit d 1	ATP6V0D1	Q106142	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	3.1	40.329	0.00474	1.8148	61538000	0	9205500	0	1643100	0	0	0	50689000	
Q15066;Q	Q15066	Kinesin-like protein NIF3B;kinesin-like protein KIF3B	KIF3B	Q101506	6	5	5	0	2	1	6	0	1	1	5	0	1	1	5	10.8	85.124	0	6.6774	61433000	0	1657700	0	703530	0	5902000	0	0	579760
P19447	P19447	TFIIH basal transcription factor complex helicase 1 ERCC3	ERCC3	Q101944	3	3	3	0	3	2	3	0	3	2	3	0	3	2	7.9	89.277	0	44.276	61413000	0	38560000	0	3471500	0	19440000	0	0	1724000	
Q70C02	Q70C02	Ubiquitin carboxyl-terminal hydrolase 34	USP34	Q1070C0	2	2	2	0	2	0	1	0	2	0	1	0	2	0	2	0.7	404.23	0	3.922	61413000	0	18792000	0	1106200	0	0	0	41515000	
Q53R73	Q53R73	Retroviral-like aspartic protease 1	ASPRV1	Q1053R7	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	13.1	36.991	0	44.377	61342000</									

Q92667	Q92667	A-kinase anchor protein 1, mitochondrial	AKAP1	sp Q92667	6	6	6	0	6	0	1	0	6	0	1	11.6	97.34	0	9.0885	58215000	0	45202000	0	13012000	0	3984500	0	535140		
O75391	O75391	Sperm-associated antigen 7	SPAG7	sp O75391	3	3	3	0	3	0	0	0	3	0	0	19.8	26.034	0	9.9929	58208000	0	58208000	0	0	0	5131000	0	0		
Q9Y4K3	Q9Y4K3	TNF receptor-associated factor 6	TRAF6	sp Q9Y4K3	4	4	4	0	2	0	0	0	2	0	4	10.9	59.573	0	9.4981	58195000	0	5746400	0	52449000	0	3137700	0	1345800		
Q8IVM0	Q8IVM0	Coiled-coil domain-containing protein 50	CDC50	sp Q8IVM0	4	4	4	0	0	4	0	1	0	4	0	4	22.9	35.822	0	21.942	58085000	0	2457900	0	55627000	0	0	0	2287700	
O60341	O60341	Lysine-specific histone demethylase 1A	KDM1A	sp O60341	5	5	5	1	4	0	3	1	4	0	3	9.5	92.902	0	9.5167	58035000	251520	24033000	0	33750000	586140	2073400	0	1098500		
Q9UKZ1	Q9UKZ1	CCR4-NOT transcription complex subunit 11	CNOT11	sp Q9UKZ1	2	2	2	0	1	0	2	0	1	0	2	6.3	55.215	0	5.7024	58026000	0	14435000	0	43590000	0	1427000	0	1638200		
Q14728	Q14728	Major facilitator superfamily domain-containing 1	MFS101	sp Q14728	1	1	1	0	1	1	1	1	1	1	1	2.9	48.339	0	3.8513	57950000	0	8698000	0	47791000	0	766720	982350	1965400		
Q92791	Q92791	Synaptonemal complex protein SC65	LEPRL4	sp Q92791	2	2	2	0	0	2	0	0	2	0	2	5	50.381	0.000487	3.4825	57913000	0	5454000	0	52459000	0	0	0	2157400		
Q13823	Q13823	Nucleolar GTP-binding protein 2	GNL2	sp Q13823	3	3	3	0	2	2	1	0	2	2	1	5.6	83.654	0	6.7372	57876000	0	40975000	4147900	12753000	0	3611900	0	0		
Q15369	Q15369	Transcription elongation factor B polypeptide 1	TCF81	sp Q15369	1	1	1	0	1	0	1	0	1	0	1	17.9	12.473	0	11.223	57770000	0	13640000	0	44137000	0	0	0	1815200		
Q62852	Q62852	Helicase SRCAP	SRCAP	sp Q62852	2	2	2	0	2	0	1	0	2	0	1	0.6	348.55	0.001571	2.235	57692000	0	50336000	0	7366000	0	32961000	0	2443000		
Q96D02	Q96D02	U8 snRNP-decapping enzyme	NUDT16	sp Q96D02	3	3	3	0	3	0	3	0	3	0	3	22.6	21.273	0	11.077	57519000	0	13651000	0	43888000	0	0	0	1788400		
Q9NZ52	Q9NZ52	ADP-ribosylation factor-binding protein GGA3	GGA3	sp Q9NZ52	3	3	3	0	2	0	3	0	2	0	3	6.4	78.314	0	6.8051	57473000	0	13964000	0	43509000	0	1413400	0	1606900		
P01024	P01024	Complement C3 beta chain;C3- $\beta$ C3	C3	sp P01024	3	3	3	2	3	1	1	0	2	0	2	2.5	187.15	0.000716	3.2712	57438000	40429000	0	17009000	0	43098000	0	8760800	0	0	
P23508	P23508	Colorectal mutant cancer protein	MCC	sp P23508	3	3	3	0	2	3	0	0	2	3	6.8	93.026	0	9.6303	57362000	0	0	0	2910300	54451000	0	0	0	2173600	2021500	
Q86WR0	Q86WR0	Coiled-coil domain-containing protein 25	CDC25	sp Q86WR0	2	2	2	0	2	0	2	0	2	0	2	11.1	24.479	0.000945	3.0874	56916000	0	18451000	0	38465000	0	1486300	0	1722000		
Q723C6	Q723C6	Autophagy-related protein 9A	ATG9A	sp Q723C6	3	3	3	3	1	2	0	3	1	2	6.2	94.446	0.000248	3.7294	56892000	0	26567000	2199500	28125000	0	1519700	2154300	1302600	0		
P06400	P06400	Retinoblastoma-associated protein	RB1	sp P06400	3	3	3	0	1	0	3	0	1	0	3	5.8	106.16	0	18.504	56848000	0	5277200	0	51571000	0	831550	0	95600		
Q9NWU1	Q9NWU1	3-oxoacyl-[acyl-carrier-protein] synthase, mitoch	OXS1	sp Q9NWU1	3	3	3	0	3	0	1	0	3	0	1	13.1	48.842	0	13.05	56836000	0	49976000	0	6868000	0	3731400	0	95600		
Q9NW50	Q9NW50	PIH1 domain-containing protein 1	PIH1D1	sp Q9NW50	2	2	2	0	0	2	0	0	2	0	2	10	32.363	0	5.2601	56769000	0	10192000	0	46577000	0	0	0	1915500		
Q7L5L3	Q7L5L3	Glycerophosphodiester phosphodiesterase doma	GDPD3	sp Q7L5L3	1	1	1	0	0	1	1	0	1	0	1	4.4	36.596	0	4.3399	56581000	0	0	9251400	47329000	0	0	6216900	1946400	0	
P58546	P58546	Myotropin	MTPN	sp P58546	1	1	1	0	1	0	1	0	1	0	1	14.4	12.895	0	38.323	56507000	0	23455000	0	33052000	0	2067500	0	1359300		
P15104	P15104	Glutamine synthetase	GLUL	sp P15104	3	3	3	0	3	0	0	0	3	0	0	16.6	42.064	0	10.217	56467000	0	56467000	0	0	0	4977500	0	0		
Q95684	Q95684	FGFR1 oncogene partner	FGFR10P	sp Q95684	2	2	2	0	0	2	0	0	2	0	2	11.3	43.064	0	11.146	56345000	0	10660000	0	10660000	0	45745000	0	1078900	0	1736800
O95149	O95149	Snurportin-1	SNUPN	sp O95149	1	1	1	0	1	0	1	0	1	0	1	7.5	41.142	0	35.561	56333000	0	8297600	0	48035000	0	731430	0	1975500		
P47712	P47712	Cytosolic phospholipase A2;Phospholipase A2;Lys	PLA2G4A	sp P47712	3	3	3	0	0	0	3	0	0	0	3	7.1	85.238	0	13.199	56287000	0	0	0	56287000	0	0	0	2314800		
O95807	O95807	Transmembrane protein 50A	TMEM50A	sp O95807	1	1	1	0	1	0	1	0	1	0	1	5.1	17.4	0.000484	3.4245	56251000	0	8802100	0	57449000	0	775900	0	1951400		
Q15796	Q15796	Mothers against decapentaplegic homolog 2	SMAD2	sp Q15796	2	2	2	0	2	1	1	0	2	0	1	5.1	52.306	0	4.3059	56231000	0	23655000	2517600	30058000	0	2171100	1532300	1309800	0	
P42785	P42785	Lysosomal Pro-X carboxypeptidase	PRCP	sp P42785	1	1	1	0	1	0	1	0	1	0	1	2.4	55.799	0.008441	1.5915	56132000	0	18402000	0	37213000	0	0	0	0	1551700	
P04049	P04049	RAF proto-oncogene serine/threonine-protein kin	RAF1	sp P04049	2	2	2	0	2	1	2	0	2	1	2	4.9	73.051	0	7.6289	56114000	0	12272000	822340	46015000	0	1125800	1081100	1196700	0	
Q96F85	Q96F85	CB1 cannabinoid receptor-interacting protein 1	CNRI1	sp Q96F85	2	2	2	0	1	0	2	0	1	0	2	23.2	18.648	0	9.4025	56015000	0	0	0	56015000	0	0	0	0	2303600	
O43677	O43677	NADH dehydrogenase [ubiquinone] 1 subunit C1,	NDUF1	sp O43677	1	1	1	0	1	0	1	0	0	0	1	10.5	8.7341	0.003086	2.1197	55906000	0	0	55906000	0	0	0	32565000	0	0	
Q8TEY7	Q8TEY7	Ubiquitin carboxyl-terminal hydrolase 33	USP33	sp Q8TEY7	2	2	2	0	1	1	0	1	1	1	1	4.2	106.73	0.000952	3.2039	55870000	0	16887000	27908000	11075000	0	1488600	18754000	0	0	
Q6NZY4	Q6NZY4	Zinc finger CCHC domain-containing protein 8	ZCCHC8	sp Q6NZY4	5	5	5	0	5	0	0	0	5	0	0	12.6	78.576	0	10.75	55729000	0	55729000	0	0	0	4912400	0	0	0	
Q8WVC6	Q8WVC6	Dephospho-CoA kinase domain-containing protei	DCAKD	sp Q8WVC6	2	2	2	0	2	0	2	0	2	0	2	10	26.55	0	4.3392	55641000	0	10153000	0	45488000	0	1027700	0	1558800		
Q9NT15	Q9NT15	Sister chromatid cohesion protein PD55 homolog	PD55B	sp Q9NT15	5	4	4	0	5	0	0	0	4	0	1	6.2	164.67	0	3.9644	55370000	0	38400000	0	16696000	0	3127300	0	955650		
Q9UI83	Q9UI83	2-hydroxyacyl-CoA lyase 1	HACL1	sp Q9UI83	3	3	3	0	3	1	2	0	3	1	2	5.4	63.728	0	11.299	54762000	0	36965000	2718900	15078000	0	2401000	1859200	1445400	0	
Q12893	Q12893	Transmembrane protein 115	TMEM115	sp Q12893	1	1	1	0	1	0	1	0	1	0	1	5.1	38.197	0.001134	2.4823	54630000	0	13064000	0	41567000	0	1151500	0	1709500		
O00592	O00592	Podocalyxin	PODXL	sp O00592	2	2	2	0	2	0	1	0	2	0	1	3.9	58.635	0	4.478	54522000	0	42752000	0	11770000	0	3768600	0	0	0	
O15013	O15013	Rho guanine nucleotide exchange factor 10	ARHGEF10	sp O15013	2	2	2	0	0	0	0	0	0	0	4	6.7	151.61	0	16.176	54459000	0	0	0	54459000	0	0	0	2239700		
P07602	P07602	Prosaposin;Saposin-A;Saposin-B;Va;Saposin-B;5a	PSAP	sp P07602	4	4	4	0	2	1	2	0	2	1	2	4.6	58.112	0	5.5324	54197000	0	13866000	2196100	38135000	0	672860	1333800	2259700	0	
Q8NFF5	Q8NFF5	FAD synthase;Molybdenum cofactor biosynthesis	FLAD1	sp Q8NFF5	4	4	4	0	4	0	0	0	4	0	2	10.9	65.265	0	14.043	54128000	0	17475000	0	36653000	0	3837500	0	1210300		
Q9H1E5	Q9H1E5	Tetraspanin-related transmembrane protein 4	TMX4	sp Q9H1E5	2	2	2	0	0	2	0	0	2	0	0	8	38.952	0	5.8273	54102000	0	0	0	54102000	0	0	0	2225000		
Q14373	Q14373	Zinc finger protein TRIM7	TRIM7	sp Q14373	2	2	2	1	1	1	1	1	1	1	1	5.1	58.489	0	6.5683	54032000	39908000	4975000	2106800	57400700	0	339970	1528700	277230		
O75190	O75190	Dnal1 homolog subfamily B member 6	DNAL1B	sp O75190	3	3	3	0	2	3	1	0	2	3	1	10.1	36.087	0	5.2099	54069000	0	19157000	9170600	25411000	0	1717400	4924000	2272200	0	
Q13112	Q13112	Chromatin assembly factor 1 subunit B	CHAF1B	sp Q13112	3	3	3	1	2	1	2	1	2	1	2	10	61.492	0	6.3331	53953000	1223400	27506000	586000	24638000	1461700	1264300	1346100	982990	0	
Q8W5E6	Q8W5E6	Poly(ADP-ribose) glycohydrolase	PARG	sp Q8W5E6	3	3	3	0	3	0	3	0	2	0	2	4.2	111.11	0	6.494	53950000	0	28667000	0	25283000	0	2468700	0	1098100		
Q96JP5	Q96JP5	E3 ubiquitin-protein ligase ZFP91	ZFP91	sp Q96JP5	2	2	2	0	2	2	2	0	2	2	2	6.5	63.444	0.001167	2.9199	53931000	0	17349000	4623700	31958000	0	1687500	2794800	1468400	0	
Q9H6L5	Q9H6L5	Protein FAM134B	FAM134B	sp Q9H6L5	2	2	2	0	1	0	2	0	1	0	2	7.6														

P39880	P39880	Homeobox protein cut-like 1	CUX1	sp P39880	3	3	3	0	3	2	1	0	3	2	1	0	3	2	1	2.9	164.19	0	8.1971	51484000	0	37372000	1298500	12813000	0	2119800	1401200	1172900		
Q9H7L9	Q9H7L9	Sin3 histone deacetylase corepressor complex subunit 5	SUD53	sp Q9H7L9	3	3	3	0	3	0	2	0	3	0	2	0	3	0	2	13.1	38.136	0.000248	3.6965	51478000	0	24454000	0	27025000	0	2275800	0	991800		
Q12894	Q12894	Interferon-related developmental regulator 2	IFRD2	sp Q12894	3	3	3	0	2	0	3	0	2	0	3	0	2	0	3	7.3	54.813	0	6.6636	51370000	0	25455000	0	22515000	0	1070400	0	1078400		
P17152	P17152	Transmembrane protein 11, mitochondrial	TMEM11	sp P17152	2	2	2	0	1	1	0	1	0	2	1	1	0	2	1	12.5	21.541	0	5.8133	51356000	0	35067000	517170	15772000	0	1622800	989920	1474600		
Q8N4L2	Q8N4L2	Type 2 phosphatidylinositol 4,5-bisphosphate 4-phosphatase	PTME55A	sp Q8N4L2	2	2	2	0	2	2	0	2	0	2	2	0	2	2	0	12.8	28.081	0	9.869	51321000	0	0	2568100	48753000	0	0	1732000	1998700		
Q9P282	Q9P282	Prostaglandin F2 receptor negative regulator	PTGFRN	sp Q9P282	4	4	4	0	2	0	4	0	2	0	4	0	2	0	4	4.7	98.555	0	9.8071	51292000	0	10044000	0	41248000	0	989320	0	1597800		
Q9NVU7	Q9NVU7	Protein SDA1 homolog	SDA01	sp Q9NVU7	2	2	2	0	2	1	2	0	2	0	2	1	2	0	2	3.5	79.87	0.001155	2.7389	51180000	0	13748000	884540	36548000	0	10021200	1456700	8505300		
P30038	P30038	Delta-1-pyrroline-5-carboxylate dehydrogenase, r	ALDH4A1	sp P30038	7	7	7	0	7	0	7	0	7	0	7	0	7	0	1	15.8	61.719	0	14.707	51166000	0	51166000	0	0	0	0	4510300	0	0	
Q16678	Q16678	Cytochrome P450 1B1	CYP1B1	sp Q16678	2	2	2	0	0	1	2	0	0	1	2	0	0	1	2	5.5	60.845	0	23.657	50816000	0	1395800	49420000	0	0	0	1884200	1086200	0	
P09038	P09038	Fibroblast growth factor 2	FGF2	sp P09038	2	2	2	0	0	0	0	0	0	0	2	0	0	0	2	5.9	30.77	0.001161	2.8255	50649000	0	0	0	50649000	0	0	0	2083000	0	0
Q99566	Q99566	Dual specificity protein phosphatase 9	DUSP9	sp Q99566	2	2	2	0	2	0	2	0	2	0	0	2	0	0	6.5	41.867	0.001166	2.897	50575000	0	0	0	50575000	0	0	0	4458100	0	0	
O95674	O95674	Phosphatidate cytidyllyltransferase 2	CDS2	sp O95674	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	8.5	51.417	0	4.2701	50566000	0	0	23407000	0	27159000	0	1963700	0	1216500	
Q9HAB8	Q9HAB8	Phosphopantothenate--cysteine ligase	PPCS	sp Q9HAB8	4	4	4	0	4	1	1	0	4	1	1	0	4	1	1	11.9	34.005	0	8.5294	50465000	0	43350000	1324300	5790700	0	3683700	835600	430060		
Q16625	Q16625	Occludin	OCLN	sp Q16625	4	4	4	0	4	0	4	0	4	0	4	0	4	0	1	11.7	59.143	0	6.5674	50380000	0	50380000	0	0	0	4449000	0	0		
Q581D5	Q581D5	Transmembrane protein 41B	TMEM41B	sp Q581D5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6.5	32.513	0	6.0566	50324000	565940	13194000	1384200	35181000	730110	10466000	936010	1393200		
Q9NXX6	Q9NXX6	Non-structural maintenance of chromosomes element 4	NSMCE4A	sp Q9NXX6	5	5	5	0	5	0	0	0	5	0	0	5	0	0	19	44.301	0	9.4654	50267000	0	50267000	0	0	0	4431000	0	0	0	0	
P62253	P62253	Ubiquitin-conjugating enzyme E2 G1; Ubiquitin-conjugating enzyme 2	UBE2G1	sp P62253	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	5.9	19.509	0	9.1025	50043000	0	22125000	0	27919000	0	1950300	0	1148200		
Q9NVM4	Q9NVM4	Protein arginine N-methyltransferase 7	PRMT7	sp Q9NVM4	2	2	2	0	2	0	0	0	2	0	0	0	2	0	2	5.5	78.458	0	9.397	50018000	0	0	0	50018000	0	0	0	2057000	0	0
Q8WZAO	Q8WZAO	Protein LZIC	LZIC	sp Q8WZAO	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	7.9	21.494	0	3.8168	50001000	0	14858000	0	35142000	0	1307900	0	1447100		
Q6P4A7	Q6P4A7	Sideroflexin-4	SFXN4	sp Q6P4A7	2	2	2	0	2	2	1	0	2	2	1	0	2	2	1	8	37.998	0.001171	2.9737	49989000	0	39255000	3745600	16918000	0	2342300	2307600	1147900		
Q15291	Q15291	Retinoblastoma-binding protein 5	RBBP5	sp Q15291	3	3	3	0	3	1	2	0	3	1	2	0	3	1	2	11.2	59.152	0	5.5667	49942000	0	31496000	381260	18065000	0	2250400	448010	1077000		
P55058	P55058	Phospholipid transfer protein	PLTP	sp P55058	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	7.3	54.739	0	9.1389	49940000	0	0	0	49940000	0	0	0	2053800	0	0
Q43924	Q43924	Retinal rod rhodopsin-sensitive G-protein 3, 5-cyclic nucleotide phosphodiesterase 6	PDE6D	sp Q43924	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	12.7	17.42	0	4.9013	49927000	0	14381000	0	35546000	0	1196000	0	1533500		
Q9NY93	Q9NY93	Probable ATP-dependent RNA helicase DDX56	DDX56	sp Q9NY93	3	3	3	1	0	3	3	1	0	3	3	1	0	3	3	7.5	61.589	0	7.8724	49867000	657370	7762400	41447000	2199000	0	4011400	1367800	0	0	
O95229	O95229	ZW10 interactor	ZWNT	sp O95229	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	17	31.293	0	9.7115	49718000	0	20688000	0	29030000	0	1801200	0	1216300		
Q5VWJ9	Q5VWJ9	Sorting nexin-30	SNX30	sp Q5VWJ9	1	1	1	0	0	1	0	0	1	0	0	0	1	0	0	4.3	49.676	0.007436	1.6648	49344000	0	0	0	49344000	0	0	0	2029300	0	0
Q43772	Q43772	Mitochondrial carnitine/acylcarnitine carrier protein 2	SLC25A20	sp Q43772	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	7	32.943	0	4.5083	49337000	0	10735000	0	38552000	0	903390	0	1628700		
Q8NSC5	Q8NSC5	S1 RNA-binding domain-containing protein 1	SRRD1	sp Q8NSC5	3	3	3	1	3	3	3	1	3	3	3	1	3	3	3	2.8	111.77	0	4.324	49191000	5669300	13544000	3683500	26295000	5268000	1672600	1863100	1616200		
Q5UC44	Q5UC44	ER membrane protein complex subunit 10	EMC10	sp Q5UC44	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	6.5	27.347	0	7.9952	49168000	0	19938000	0	12928000	0	1756800	0	1202400		
Q136Z5	Q136Z5	Apoptosis-stimulating of p53 protein 2	TP53BP2	sp Q136Z5	4	4	4	0	4	0	4	0	4	0	4	0	4	0	2	4	5.2	125.61	0	8.6684	49151000	0	6314700	0	42836000	0	946810	0	1371500	
Q9P1Y5	Q9P1Y5	Calmodulin-regulated spectrin-associated protein	CAMSAP3	sp Q9P1Y5	3	3	3	1	1	0	2	1	1	0	2	1	1	0	2	2.8	134.75	0.00116	2.8249	49137000	0	8354200	2773200	38009000	0	343540	1993700	1825900		
Q9BRF8	Q9BRF8	Serine/threonine-protein phosphatase CPPED1	CPPED1	sp Q9BRF8	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	3.5	35.548	0.000949	3.1588	49058000	0	17070000	0	31988000	0	1504700	0	1315500		
Q9BQP7	Q9BQP7	Mitochondrial genome maintenance exonuclease	MGM1	sp Q9BQP7	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	8.1	39.42	0	3.9194	49020000	0	24049000	0	24971000	0	1223800	0	1023100		
Q9Y4A5	Q9Y4A5	Transformation/transcription domain-associated protein 1	TRRAP	sp Q9Y4A5	4	4	4	0	4	0	4	0	4	0	4	0	4	0	3	1.3	437.6	0	5.805	48941000	0	20537000	0	28404000	0	1554400	0	1424000		
P61626	P61626	Lysozyme C	LYZ	sp P61626	3	3	3	0	3	3	0	3	3	0	3	3	0	3	3	18.2	16.537	0	5.7159	48843000	0	31126000	17717000	0	2740700	11908000	0	0	0	
Q9ULQ0	Q9ULQ0	Striatin-interacting protein 2	STRIP2	sp Q9ULQ0	1	1	1	0	0	1	0	0	1	0	1	0	0	1	0	3	95.358	0	5.4949	48829000	0	0	0	48829000	0	0	0	2008100	0	0
Q92858	Q92858	Protein atonal homolog 1	ATOH1	sp Q92858	1	1	1	0	1	0	1	0	1	0	1	0	1	0	3.1	38.16	0.008053	1.6296	48821000	0	0	0	48821000	0	0	0	32807000	0	0	
Q9BQ48	Q9BQ48	39S ribosomal protein L34, mitochondrial	MRPL34	sp Q9BQ48	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	23.9	10.165	0	6.3742	48702000	0	19088000	1525800	28087000	0	1304300	1761900	796880		
Q9H3G5	Q9H3G5	Probable serine carboxypeptidase CPVL	CPVL	sp Q9H3G5	3	3	3	1	0	0	3	1	0	0	3	1	0	0	9	54.163	0	11.069	48695000	0	43978000	4716100	0	0	0	3029300	4016600	0	0	
P62487	P62487	DNA-directed RNA polymerase II subunit RPB7	POLR2G	sp P62487	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	16.3	19.294	0	27.842	48618000	0	14235000	0	34383000	0	1267400	0	1401500		
Q9BY67	Q9BY67	Cell adhesion molecule 1	CADM1	sp Q9BY67	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	7.2	48.509	0	7.7036	48549000	0	48549000	0	0	0	4279600	0	0	0	
Q9BZL1	Q9BZL1	Ubiquitin-like protein 5	UBL5	sp Q9BZL1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	1	12.3	8.9468	0.001132	2.4616	48503000	0	0	0	48503000	0	0	0	1994700	0	0
P03905	P03905	NAADH-ubiquinone oxidoreductase chain 4	MT-ND4	sp P03905	2	2	2	0	1	1	0	1	1	0	1	1	0	1	1	6.1	21.588	0	4.9956	48421000	0	16218000	1740200	33462000	0	1429600	1169400	0	0	
P23084	P23084	Transcription initiation factor 1E subunit beta	GTF2E2	sp P23084	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	10.7	32.043	0	3.2444	48173000	0	14674000	0	31988000	0	1188700	0	1482400	0	0
Q9HD34	Q9HD34	LYR motif-containing protein 4	LYRM4																															

Q9BZF3	Q9BZF3	Oxysterol-binding protein-related protein 6	OSBP6	Q9BZF3	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	2.9	106.3	0	8.5058	44800000	0	10949000	2395700	31455000	0	1025300	1869300	974120		
Q6IQ22	Q6IQ22	Ras-related protein Rab-12	RAB12	Q6IQ22	2	2	2	0	1	0	1	0	1	0	1	0	1	0	1	12.7	27.248	0.00095	3.1704	44629000	0	7124000	0	37505000	0	0	0	1542400		
Q9UJ14	Q9UJ14	Gamma-glutamyltransferase 7; Gamma-glutamyl	GGT7	Q9UJ14	2	2	2	0	1	0	2	0	2	4	7	70.466	0.008458	1.6078	44513000	0	12434000	0	20379000	0	13862000	0	20379000	0	0	0	1029100			
Q9HSV9	Q9HSV9	UFPO428 protein CxorF56	CxorF56	Q9HSV9	2	2	2	0	2	1	1	0	2	1	14.9	25.624	0	4.9239	44349000	0	29382000	2589800	12378000	0	22061000	2037400	10291000	0	0	0	595920			
Q14657	Q14657	EKC/KEOPS complex subunit LAGE3	LAGE3	Q14657	1	1	1	0	1	0	1	0	1	0	16.1	14.804	0.00114	2.5684	44325000	0	20385000	0	23940000	0	17969000	0	0	0	0	984650				
Q9NP61	Q9NP61	ADP-ribosylation factor GTPase-activating protein ARFGAP3	ARFGAP3	Q9NP61	1	1	1	0	1	0	1	0	1	0	1	4.5	56.928	0	4.7929	44324000	0	78846000	0	36440000	0	695020	0	0	0	1498600				
Q96B8X	Q96B8X	MOB kinase activator 3A	MOB3A	Q96B8X	1	1	1	0	0	0	1	0	0	1	11.5	25.464	0.009255	1.5514	44294000	0	0	0	0	0	34249000	0	0	0	0	0	1821600			
Q6NSJ5	Q6NSJ5	Volume-regulated anion channel subunit LRRCC8	LRRCC8	Q6NSJ5	2	2	2	0	0	0	2	0	0	2	4.1	90.246	0.000249	3.7642	44286000	0	0	0	0	0	44286000	0	0	0	0	0	1821300			
Q60927	Q60927	Protein phosphatase 1 regulatory subunit 11	PPP1R11	Q60927	2	2	2	0	2	0	2	0	2	0	32.5	13.952	0.000483	3.3944	44264000	0	19071000	0	0	0	25193000	0	0	0	0	0	1035800			
Q9BQE5	Q9BQE5	Apollipoprotein L2	APOL2	Q9BQE5	4	4	4	0	0	0	4	0	0	4	13.9	37.092	0	12.021	44205000	0	0	0	0	0	44205000	0	0	0	0	0	1817900			
P52756	P52756	RNA-binding protein 5	RBM5	P52756	4	4	4	0	3	2	2	0	3	2	1	6	92.153	0	4.6307	44161000	0	16105000	6071800	21984000	0	11250000	4374900	0	0	0	1729000			
Q96LJ5	Q96LJ5	CCR4-NOT transcription complex subunit 6-like; CNOT6L; C	CNOT6L	Q96LJ5	2	2	2	0	1	1	2	0	1	1	3.2	63.001	0.000943	3.0691	44087000	0	48017000	1827200	37458000	0	14352000	1333100	0	0	0	0	0			
P08651	P08651	Nuclear factor 1 C-type	NFIC	P08651	3	3	3	0	2	1	3	0	2	1	3	7.1	55.674	0	7.4441	44077000	0	6500200	4343200	33226000	0	479830	3787900	590360	0	0	0	0		
P86791	P86791	Vacuolar fusion protein CC21 homolog; Vacuolar f	CC21	P86791	2	2	2	0	2	0	2	0	2	0	2	5.8	55.866	0	6.6583	44063000	0	12996000	0	31067000	0	1056900	0	0	0	0	0	1366300		
Q03426	Q03426	Mevalonate kinase	MVK	Q03426	2	2	2	0	2	0	1	0	2	0	1	8.8	42.45	0.006406	1.7166	44046000	0	20085000	0	23960000	0	17705000	0	0	0	0	0	0		
Q8IV48	Q8IV48	3-5 exoribonuclease 1	ERI1	Q8IV48	1	1	1	0	0	1	1	0	0	1	4.3	40.063	0	5.0757	44015000	0	0	6052900	37963000	0	0	4067500	1561200	0	0	0	0	0	0	
Q9NYT0	Q9NYT0	Plectstrin-2	PLEK2	Q9NYT0	1	1	1	0	0	0	1	0	0	1	6.2	39.97	0	4.5093	43978000	0	0	0	0	0	43978000	0	0	0	0	0	0	0	1808600	
Q9BRQ6	Q9BRQ6	MICOS complex subunit MIC25	CHCHD6	Q9BRQ6	3	3	3	0	1	1	3	0	1	1	22.1	26.457	0	11.277	43969000	605250	39615000	0	3748400	593400	3332400	0	325690	0	0	0	0	0		
P13051	P13051	Uracil-DNA glycosylase	UNG	P13051	2	2	2	0	1	0	2	0	1	0	2	16.6	34.645	0	6.4131	43913000	0	15755000	0	21580000	0	20688000	0	0	0	0	0	478000		
Q96EA4	Q96EA4	Protein Spindly	SPDL1	Q96EA4	2	2	2	0	1	0	2	0	1	0	5.1	70.171	0.000952	3.2122	43887000	0	27088000	0	16799000	0	18063000	0	0	0	0	0	0	1272300		
Q8IVS2	Q8IVS2	NADH-CoA acyl carrier protein transacylase, mil	MCAT	Q8IVS2	2	2	2	0	2	2	1	0	2	2	1	6.9	42.961	0	5.5654	43843000	0	32968000	3032400	7843000	0	29116000	1488300	866510	0	0	0	0		
P03915	P03915	NADH-ubiquinone oxidoreductase chain 5	MT-ND5	P03915	2	2	2	0	2	0	2	0	2	0	2	4.6	67.026	0	5.1608	43796000	0	14672000	0	29124000	0	13043000	0	0	0	0	0	1186700		
Q9Y624	Q9Y624	Junctional adhesion molecule A	F11R	Q9Y624	3	3	3	0	3	0	3	0	3	0	1	14	32.583	0	4.0014	43574000	0	24816000	0	18758000	0	20555000	0	0	0	0	0	903440		
P62380	P62380	TATA box-binding protein-like protein 1	TBPL1	P62380	1	1	1	0	0	0	1	0	0	1	9.1	20.886	0.003901	1.919	43568000	0	0	0	0	0	43568000	0	0	0	0	0	0	0	1791800	
Q6P1K8	Q6P1K8	General transcription factor IIf subunit 2-like pro	GTF2H2C	Q6P1K8	1	1	1	0	1	1	1	0	1	1	2.3	44.452	0.006013	1.7751	43456000	0	75967000	2487000	33373000	0	786740	1800300	1126300	0	0	0	0	0	0	
Q6ZVM7	Q6ZVM7	Tom1-like protein 2	TOM1L2	Q6ZVM7	1	1	1	0	0	1	0	0	1	0	1	5.3	55.556	0.008633	1.5582	43451000	0	0	0	0	0	43451000	0	0	0	0	0	0	0	1787000
Q96LD4	Q96LD4	Tripartite motif-containing protein 47	TRIM47	Q96LD4	2	2	2	0	0	0	2	0	0	2	7.2	69.531	0	4.3119	43352000	0	0	0	0	0	43352000	0	0	0	0	0	0	0	1779200	
Q92733	Q92733	Proline-rich protein PRC	PRC	Q92733	4	4	4	0	0	0	0	0	0	4	0	17.3	52.417	0	26.697	43243000	0	43243000	0	0	0	0	0	0	0	0	0	0	0	
Q96E15	Q96E15	Transcription elongation factor A protein-like 4	TCEAL4	Q96E15	3	3	3	0	3	3	3	0	3	3	3	20.5	24.647	0	15.463	43185000	0	9694500	2904900	3058615	0	38119000	1562600	1207100	0	0	0	0	0	0
Q60427	Q60427	Fatty acid desaturase 1	FADS1	Q60427	2	2	2	0	1	0	2	0	1	0	2	7	51.964	0	5.7169	42920000	0	4938600	0	37981000	0	0	0	0	0	0	0	0	0	1562000
Q9HC68	Q9HC68	Pre-mRNA-splicing factor CWC22 homolog	CWC22	Q9HC68	4	4	4	0	4	3	3	0	4	3	3	6.1	105.47	0	7.3434	42910000	0	212211000	6071700	15517000	0	1546400	3688100	1178500	0	0	0	0	0	0
P23378	P23378	Glycine dehydrogenase (decarboxylating), mito	GLDC	P23378	1	1	1	0	1	0	1	0	0	1	0	2.2	112.73	0	21.67	42658000	0	42658000	0	0	0	3760300	0	0	0	0	0	0	0	0
Q8N2K0	Q8N2K0	Monoacylglycerol lipase ABHD12	ABHD12	Q8N2K0	2	2	2	0	1	2	0	0	1	2	0	5.3	45.096	0	4.9654	42593000	0	0	1034900	41558000	0	0	1001100	1403500	0	0	0	0	0	0
Q13309	Q13309	S-phase kinase-associated protein 2	SKP2	Q13309	2	2	2	0	0	0	0	0	0	2	0	6.1	47.76	0	7.0818	42407000	0	42407000	0	0	0	3782000	0	0	0	0	0	0	0	0
Q75832	Q75832	26S proteasome non-ATPase regulatory subunit 1	PSMD10	Q75832	1	1	1	0	1	0	1	0	1	0	1	5.3	24.428	0.004535	1.8408	42355000	0	23257000	0	19098000	0	20581000	0	0	0	0	0	0	785420	
P11117	P11117	Lysosomal acid phosphatase	ACP2	P11117	2	2	2	0	1	0	2	0	1	0	2	5.9	48.344	0	4.2577	42259000	0	11399000	0	30859000	0	1004900	0	0	0	0	0	0	1269100	
Q8IYS2	Q8IYS2	Uncharacterized protein KIAA2013	KIAA2013	Q8IYS2	2	2	2	0	0	0	2	0	2	0	4.3	69.156	0	6.1518	42247000	0	0	0	0	0	42247000	0	0	0	0	0	0	0	1737400	
Q9NUL7	Q9NUL7	Probable ATP-dependent RNA helicase DDX28	DDX28	Q9NUL7	1	1	1	0	0	2	0	0	1	0	2	8.3	59.58	0	8.9296	42235000	0	4108700	0	38126000	0	643440	0	0	0	0	0	0	1286700	
Q6Y1H2	Q6Y1H2	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydrat	HACD2	Q6Y1H2	2	2	2	0	2	0	2	0	2	0	2	7.5	28.368	0.002661	2.1802	42182000	0	14370000	0	27812000	0	12576000	0	0	0	0	0	0	1152900	
P53365	P53365	Arfapin-2	ARFIP2	P53365	2	2	2	0	2	0	1	0	2	0	1	7.9	37.855	0	5.5436	42159000	0	27345000	0	14814000	0	2410400	0	0	0	0	0	0	0	0
Q9UDR5	Q9UDR5	Alpha-aminoacidic semialdehyde synthase, mito	AASS	Q9UDR5	3	3	3	0	2	0	1	0	2	0	1	5.6	102.13	0	12.761	42129000	0	21553000	0	20576000	0	1899900	0	0	0	0	0	0	0	0
P28065	P28065	Proteasome subunit beta type-9	PSMB9	P28065	1	1	1	0	0	0	1	0	0	1	6.8	23.264	0.000247	3.6643	42074000	0	0	0	0	0	42074000	0	0	0	0	0	0	0	1730300	
Q9I968	Q9I968	Mitochondrial peptide methionine sulfoxide redu	MSRA	Q9I968	3	3	3	0	3	0	3	0	3	0	16.6	26.132	0	3.9568	42039000	0	39973000	0	38042000	0	524480	0	0	0	0	0	0	0	1392400	
P32970	P32970	C3D70 antigen	C3D70	P32970	1	1	1	0	1	0	1	0	1	0	1	7.3	21.118	0	4.0215	41845000	0	41845000	0	0	0	41845000	0	0	0	0	0	0	0	1729000
Q60879	Q60879	Protein diaphanous homolog 2	DIAPH2	Q60879	3	3	3	0	2	0	2	0	2	0	2	4.4	125.57	0	12.524	41712000	0	11457000	0	30255000	0	16372000	0	0						

Q9P291	Q9P291	Armaddillo repeat-containing X-linked protein 1	ARMCK1	sj Q9P291	3	3	3	0	0	0	0	3	0	0	0	0	3	8.4	49.18	0	7.5618	39077000	0	0	0	39077000	0	0	0	406400	0	1607100
Q12802	Q12802	A-kinase anchor protein 13	AKAP13	sj Q12802	4	4	4	0	1	0	4	0	1	0	0	4	2.1	307.55	0	17.629	38896000	0	2812400	0	36083000	0	0	0	13255000			
P46100	P46100	Transcriptional regulator ATRX	ATRX	sj P46100	6	6	6	2	1	0	2	1	0	6	2	1	3.2	282.58	0	11.849	38868000	0	34207000	1899900	2761000	0	2857100	1322100	2264700			
P78381	P78381	UDP-galactose translocator	SLC35A2	sj P78381	2	2	2	0	1	0	2	0	1	0	2	0	10.9	41.307	0	6.8599	38800000	0	3063500	0	35737000	0	446990	0	1292700			
P53384	P53384	Cytosolic Fe-S cluster assembly factor NUBP1	NUBP1	sj P53384	2	2	2	1	1	0	2	1	1	0	2	0	11.9	34.534	0	4.3869	38713000	8936400	4515600	0	25261000	6870100	2738000	0	7724500			
Q96120	Q96120	PRKC apoptosis WT1 regulator protein	PAWR	sj Q96120	4	4	4	0	4	2	0	4	2	0	0	0	16.5	36.567	0	8.389	38698000	0	35538000	0	31603000	0	2384300	0	2872100			
Q02127	Q02127	Dihydroorotate dehydrogenase (quinone), mitoch	DHODH	sj Q02127	3	3	3	0	1	1	0	3	1	1	0	3	1	10.6	42.867	0	6.8445	38520000	0	25972000	2071500	10477000	0	1400600	1581800	1130000		
Q13685	Q13685	Angio-associated migratory cell protein	AAMP	sj Q13685	3	3	3	0	1	0	3	0	1	0	3	0	3	9.9	46.75	0	18.002	38466000	0	4566100	0	33900000	0	1078000	0	718650		
Q6UXH1	Q6UXH1	Cysteine-rich with EGF-like domain protein 2	CREL2	sj Q6UXH1	3	3	3	0	0	3	0	0	3	0	3	0	8.5	38.191	0	6.5974	38354000	0	15314000	0	23040000	0	1233000	0	1064200			
Q95479	Q95479	GDH/PGC endoplasmic bifunctional protein/Glc H6PD	GDH	sj Q95479	3	3	3	0	1	3	0	0	1	3	0	3	4.8	88.892	0	9.6912	38325000	0	0	0	5698600	0	3267000	0	4658400	512800		
Q96C48	Q96C48	Acyl-CoA synthetase family member 2, mitochondrial	ACS2	sj Q96C48	2	2	2	0	0	2	0	0	2	0	0	2	6.3	68.124	0	13.4	38273000	0	0	0	38272000	0	0	0	1574000			
Q6P1X5	Q6P1X5	Transcription initiation factor TFIIID subunit 2	TAIF2	sj Q6P1X5	3	3	3	0	3	0	3	0	3	0	3	0	3.4	136.97	0	5.9	38163000	0	0	0	31357000	0	6805900	0	1320800	0	1723200	
Q8NC96	Q8NC96	Adaptin ear-binding coat-associated protein 1	NECAP1	sj Q8NC96	2	2	2	0	2	0	2	0	2	0	2	0	11.6	29.737	0.001142	2.5804	38160000	0	17899000	0	20271000	0	1700400	0	710180			
Q9Y3C1	Q9Y3C1	Nucleolar protein 16	NOPI6	sj Q9Y3C1	3	3	3	1	3	0	3	1	3	1	3	0	14	21.188	0.000944	3.0872	38109000	0	18403000	2685400	17020000	0	1253500	2416900	456320			
Q5TA45	Q5TA45	Integrator complex subunit 11	CPSF3L	sj Q5TA45	2	2	2	0	1	0	2	0	1	0	2	0	4.7	67.662	0.001147	2.6236	37931000	0	9016600	0	28914000	0	794800	0	1189100			
O14966;P5	O14966	Ras-related protein Rab-7L1	RAB29	sj O14966	2	2	2	0	0	0	2	0	0	2	0	2	14.8	23.155	0	5.0503	37867000	0	0	0	37867000	0	0	0	1557300			
Q9NUL3	Q9NUL3	Double-stranded RNA-binding protein Staufeu ho	STAU2	sj Q9NUL3	4	4	4	2	1	4	4	1	2	2	2	2	7	62.608	0	5.9763	37849000	1059800	12721000	4404500	19664000	1682400	862150	2766500	638650			
Q8NI99	Q8NI99	Angiopoietin-related protein 6	ANGPTL6	sj Q8NI99	1	1	1	1	1	0	1	1	1	1	1	0	2.8	51.694	0.000486	3.4674	37639000	0	10680000	10653000	16818000	0	1122500	5816600	1807900			
O14936	O14936	Peripheral plasma membrane protein CASK	CASK	sj O14936	3	3	3	0	2	1	3	0	2	1	3	0	3.8	105.12	0.002248	3.7355	37596000	0	7044100	1025800	29526000	0	780810	1165000	578750			
P43378	P43378	Tyrosine-protein phosphatase non-receptor type	PTPN9	sj P43378	3	3	3	0	2	0	3	0	2	0	3	0	5.9	68.019	0	5.5392	37561000	0	5784200	0	31777000	0	576250	0	1240200			
Q9NP16	Q9NP16	mRNA-decapping enzyme 1A	DCP1A	sj Q9NP16	3	3	3	1	2	0	3	1	2	0	3	0	6.5	63.278	0	5.497	37512000	279770	18093000	0	19139000	418430	1631500	0	611840			
Q8NEB9	Q8NEB9	Phosphatidylinositol 3-kinase catalytic subunit typ	PIK3C3	sj Q8NEB9	3	3	3	0	1	1	2	0	1	1	2	0	3.6	101.55	0	7.8074	37408000	0	3615600	0	30650000	0	847470	0	731750			
Q9HOW9	Q9HOW9	Ester hydrolase C11orf54	C11orf54	sj Q9HOW9	2	2	2	0	2	0	2	0	2	0	2	0	12.1	35.117	0.001562	2.2664	37386000	0	37386000	0	0	0	3295500	0	0	0	0	
Q9P017	Q9P017	E3 ubiquitin-protein ligase KCMF1	KCMF1	sj Q9P017	2	2	2	0	2	0	2	0	2	0	2	0	10.2	41.945	0	6.2211	37312000	0	8278300	0	29034000	0	739040	0	1184700			
Q94888	Q94888	UBX domain-containing protein 7	UBXK7	sj Q94888	2	2	2	0	2	0	2	0	2	0	2	0	6.3	54.862	0	6.8311	37312000	0	37312000	0	0	0	3289000	0	0	0	0	
Q96LR5;Q5	Q96LR5;Q5	Ubiquitin-conjugating enzyme E2 U2;Ubiquitin-co	UBE2E2;Uf	sj Q96LR5	2	1	1	0	2	0	2	0	1	0	2	0	1	12.9	22.255	0	7.0748	37206000	0	14456000	0	22750000	0	1274300	0	935610		
P30049	P30049	ATP synthase subunit delta, mitochondrial	ATP5D	sj P30049	1	1	1	1	1	0	1	1	0	1	1	0	8.3	17.449	0	4.8655	37160000	5170600	32016000	0	0	5170600	2823200	0	0	0	0	
Q06YV9	Q06YV9	Hermansky-Pudlak syndrome 6 protein	HP6	sj Q06YV9	2	2	2	0	2	0	2	0	2	0	2	0	3.2	82.974	0.000249	3.7491	37139000	0	9609700	0	0	0	27529000	0	1080700	0	898510	
Q81484	Q81484	Ankyrin-2	ANK2	sj Q81484	6	5	5	0	2	1	6	0	1	0	5	0	5	2	43.71	0	7.5752	37130000	0	3319000	0	32811000	0	584710	0	1098900		
Q9UI14	Q9UI14	Prenylated Rab acceptor protein 1	RABAC1	sj Q9UI14	1	1	1	0	1	0	1	0	1	0	1	0	7.6	20.648	0	4.8753	36894000	0	11405000	0	25489000	0	1005300	0	1048200			
Q5VT25	Q5VT25	Serine/threonine-protein kinase MRCK alpha	CDC42BPA	sj Q5VT25	5	4	4	0	2	3	3	0	2	2	2	0	4	197.3	0	9.1762	36846000	0	11729000	15400000	9716600	0	2422200	8960400	0	0		
Q9Y296	Q9Y296	Trafficking protein particle complex subunit 4	TRAPP4C	sj Q9Y296	2	2	2	0	1	0	2	0	1	0	2	0	11.4	24.34	0	5.6997	36834000	0	10719000	0	26115000	0	0	0	1074000			
Q02153	Q02153	Guanylate cyclase soluble subunit beta-1	GUCY1B3	sj Q02153	2	2	2	0	0	0	2	0	0	2	0	0	3.7	70.514	0	5.5469	36776000	0	0	0	36776000	0	0	0	1512400			
O15164	O15164	Transcription intermediary factor 1-alpha	TRIM24	sj O15164	3	3	3	0	2	0	3	0	2	0	3	0	4.7	116.83	0	4.2664	36655000	0	10067000	0	26588000	0	963970	0	1016900			
P40818	P40818	Ubiquitin carboxyl-terminal hydrolase 8	USP8	sj P40818	1	1	1	1	1	0	1	1	1	1	1	0	1.5	127.52	0	5.1666	36611000	0	9239200	2193600	25178000	0	814420	1474100	1035500			
Q9GZT9;Q	Q9GZT9	Egl nine homolog 1	EGLN1	sj Q9GZT9	3	3	3	0	3	1	3	0	3	1	3	0	1	5.6	46.02	0	4.8777	36589000	0	30849000	325390	5415100	0	2730200	214220	216190		
P24844	P24844	Myosin regulatory light polypeptide 9	MYL9	sj P24844	6	1	1	3	5	6	6	0	1	1	0	0	1	44.8	19.827	0	9.0883	36577000	0	0	0	2405500	34172000	0	0	1616500	1405300	
Q9GZU8	Q9GZU8	Protein FAM192A	FAM192A	sj Q9GZU8	4	4	4	0	4	0	4	0	3	0	4	0	3	12.6	28.912	0	81.364	36473000	0	15229000	0	21244000	0	1378900	0	837210		
Q8IZ05	Q8IZ05	Selenoprotein H	SELH	sj Q8IZ05	1	1	1	0	1	1	1	0	1	1	1	0	7.4	13.453	0.003083	2.1103	36411000	0	3390300	2851700	30169000	0	407740	2217300	830800			
P42574	P42574	Caspase-3,Caspase-3 subunit p17,Caspase-3 subu	CASP3	sj P42574	1	1	1	0	1	0	1	0	1	0	1	0	6.9	31.608	0.001158	2.7791	36372000	0	16498000	0	19874000	0	1454300	0	817330			
O15321	O15321	Transmembrane 9 superfamily member 1	TNMF5F1	sj O15321	2	2	2	0	2	0	2	0	2	0	2	0	3.3	68.86	0.004545	1.8832	36347000	0	9058400	0	27288000	0	0	0	1123200			
Q9NX24	Q9NX24	H/ACA ribonucleoprotein complex subunit 2	NHP2	sj Q9NX24	1	1	1	0	1	1	1	0	1	1	1	0	12.4	17.201	0.001142	2.5789	36346000	0	11849000	7804800	16693000	0	1044400	5244800	686500			
Q9HA65	Q9HA65	TBC1 domain family member 17	TBC1D17	sj Q9HA65	3	3	3	0	2	0	3	0	2	0	3	0	5.4	72.727	0	6.0999	36257000	0	7041100	0	29216000	0	715640	0	1106500			
Q9HG44	Q9HG44	Golgi-associated plant pathogenesis-related prot	GLP2	sj Q9HG44	2	2	2	0	2	0	2	0	2	0	2	0	16.9	17.218	0.000483	4.2788	36251000	0	10600000	0	26550000	0	912750	0	1076600			
Q96F63	Q96F63	Serpin B12	SERPIN12	sj Q96F63	4	4	4	0	1	4	0	1	4	0	1	4	0	10.1	46.276	0	7.0826	36220000	0	6146900	30073000	0	0	0	689460	20061000	0	
Q9UK59	Q9UK59	Lariat debranching enzyme	DBR1	sj Q9UK59	2	2	2	0	1	2	0	1	2	0	1	2	0	5.7	61.554	0	5.712	36208000	0	0	0	1331200	34877000	0	0	1317500	1011500	
Q95825	Q95825	Quinone oxidoreductase-like protein 1	CRY2L1	sj Q95825	2	1	1	0	0	1	0	0	0	1	0	0	6	38.696	0	13.654	36105000	0	36105000	0	0	0	3182600	0	0			



P42357	P42357	Histidine ammonia-lyase	HAL	sp P42357	5	5	5	1	0	5	0	1	0	5	0	10.4	72.697	0	9.6455	30742000	68118	0	30674000	0	68118	0	20613000	0	207210	
Q9Y6K0	Q9Y6K0	Choline/ethanolaminephosphotransferase 1	CEPT1	sp Q9Y6K0	3	3	3	0	2	0	3	0	2	0	3	8.7	46.553	0	3.8256	30635000	0	9771100	0	20864000	0	1512100	0	207210		
P62837	P62837	Ubiquitin-conjugating enzyme E2 D2	UBE2D2	sp P62837	3	3	3	0	1	3	0	1	0	1	0	1	24.5	16.735	0.007447	1.687	30633000	0	13313000	0	17320000	0	1173500	0	712300	
Q96EL3	Q96EL3	3S5 ribosomal protein L53, mitochondrial	MRPL53	sp Q96EL3	1	1	1	0	0	1	0	0	0	1	0	16.1	12.107	0.002247	3.6591	30593000	0	0	0	30593000	0	0	0	1258100		
Q9UQR0	Q9UQR0	Sex comb on midleg-like protein 2	SCML2	sp Q9UQR0	3	3	3	0	0	0	3	0	0	3	0	5.9	77.256	0	4.8195	30559000	0	30559000	0	0	0	2693700	0	0		
Q9NXA8	Q9NXA8	NAD-dependent protein deacetylase sirtuin-5, mito	SIRT5	sp Q9NXA8	2	2	2	0	2	0	2	0	2	0	1	10.6	33.881	0	7.5774	30455000	0	20567000	0	9888700	0	1508000	0	711620		
O15439	O15439	Multidrug resistance-associated protein 4	ABCC4	sp O15439	2	2	2	0	0	0	2	0	0	2	0	2	149.52	0	10.327	30433000	0	0	0	30433000	0	0	0	1251600		
Q15014	Q15014	Mortality factor 4-like protein 2	MORF4L2	sp Q15014	3	3	3	2	3	2	3	2	3	2	1	2	13.2	32.307	0.003912	1.9519	30367000	0	10739000	750520	18877000	0	663360	1148700	415240	
O9Y303	O9Y303	Putative N-acetylglucosamine-6-phosphate dease	AMDHD2	sp O9Y303	1	1	1	0	0	1	0	0	1	0	0	1	2.9	43.747	0.003905	1.9302	30298000	0	0	0	30298000	0	0	0	1246000	
Q13137	Q13137	Calcium-binding and coiled-coil domain-containing	CALCOCD2	sp Q13137	3	3	3	0	2	0	2	0	2	0	2	0	9.9	52.253	0.002248	3.6956	30283000	0	0	0	2119600	0	636230	0	1036500	
Q96FC5	Q96FC5	Melanoma inhibitory activity protein 2;CTAGE fam	MIAT2/CTAF	sp Q96FC5	5	5	5	0	4	0	4	0	3	0	4	4.7	159.83	0	6.4301	30282000	0	6422200	0	2386000	0	772180	0	775170		
Q96CN9	Q96CN9	GRIP and coiled-coil domain-containing protein 1	GCC1	sp Q96CN9	2	2	2	1	0	2	0	2	0	2	0	2	3.1	87.81	0	4.3118	30192000	0	4804300	0	2538800	0	1041400			
P31327	P31327	Carbamoyl-phosphate synthase [ammonia], mito	CP51	sp P31327	4	2	2	1	3	1	3	0	0	2	0	2	2.5	164.94	0	4.1655	30050000	0	1708800	0	2834200	0	182550	0	1133600	
O9Y6R0	O9Y6R0	Numb-like protein 1	NUMBL	sp O9Y6R0	1	1	1	1	1	1	1	0	1	1	1	1	2	64.891	0.001138	2.5236	30015000	0	2387700	1888800	25739000	0	358980	881330	1298900	
Q9UHB7	Q9UHB7	AF4/FMR2 family member 4	AFF4	sp Q9UHB7	3	3	3	0	3	0	3	0	3	0	3	0	4.2	127.46	0.00025	3.7999	29889000	0	14104000	0	15785000	0	1317200	0	575230	
P52895	P52895	Aldo-keto reductase family 1 member C2	AKR1C2	sp P52895	7	1	1	0	2	7	0	0	0	0	1	38.4	36.735	0.004742	1.819	29867000	0	0	0	29867000	0	0	0	1228300		
Q16854	Q16854	Deoxyguanosine kinase, mitochondrial	DGUOK	sp Q16854	1	1	1	0	1	0	1	0	1	0	1	9	32.055	0	5.5966	29827000	0	5447700	0	24379000	0	480210	0	1002600		
Q12873	Q12873	Chromodomain-helicase-DNA-binding protein 3	CHD3	sp Q12873	10	2	2	1	9	5	7	1	1	1	1	6.6	226.59	0.00846	1.608	29809000	2943500	1084000	1080100	14945000	0	955600	0	614630		
P53350	P53350	Serine/threonine-protein kinase PLK1	PLK1	sp P53350	2	2	2	0	1	2	2	0	1	2	2	5	68.254	0	4.17	29744000	0	4207900	2390200	23146000	0	500480	1528500	900090		
Q8TAP6	Q8TAP6	Centrosomal protein of 76 kDa	CEP76	sp Q8TAP6	1	1	1	1	0	0	1	0	0	1	0	1.2	74.413	0.007035	1.7018	29737000	29737000	0	0	0	29737000	0	0	0	0	
Q96GM8	Q96GM8	Target of EGR1 protein 1	TOE1	sp Q96GM8	1	1	1	1	1	1	1	1	1	1	1	1.6	56.547	0.004536	1.8462	29653000	0	11152000	1314700	17186000	0	983070	883470	706780		
Q5R314	Q5R314	Tetrapeptide repeat protein 38	TT38	sp Q5R314	3	3	3	0	3	0	3	0	3	0	3	6.6	52.787	0	8.7592	29638000	0	22489000	0	7148500	0	1802100	0	474290		
O43657	O43657	Tetraspanin-6	TSPAN6	sp O43657	2	2	2	0	2	0	2	0	2	0	2	7.8	27.563	0.001569	2.3408	29599000	0	22423000	0	7166900	0	1370600	0	540720		
Q8WUK0	Q8WUK0	Phosphatidylglycerophosphatase and protein-tyr	PTPM11	sp Q8WUK0	2	2	2	0	2	0	2	0	2	0	2	12.4	22.843	0	5.476	29538000	0	12129000	0	8309000	0	1871300	0	0		
Q6ZVY5	Q6ZVY5	Transmembrane and TPR repeat-containing prot	TMT3C	sp Q6ZVY5	1	1	1	0	1	0	1	0	1	0	1	1.1	104.01	0.004738	1.8117	29446000	0	5107900	0	24339000	0	450260	0	1000900		
Q86X83	Q86X83	COVII domain-containing protein 2	COMMD2	sp Q86X83	1	1	1	0	1	0	1	0	1	0	1	3.5	22.745	0.003904	1.9276	29369000	0	9557100	0	19812000	0	842450	0	814780		
Q95786	Q95786	Probable ATP-dependent RNA helicase DDX58	DDX58	sp Q95786	3	3	3	0	3	0	3	0	3	0	3	4	106.66	0	7.096	29355000	0	0	0	29355000	0	0	0	1207700		
P41223	P41223	Protein BUD31 homolog	BUD31	sp P41223	2	2	2	0	1	0	1	0	1	0	2	12.5	17	0	4.0055	29354000	0	22057000	0	0	0	7797200	0	0	0	3001100
Q6ZM23	Q6ZM23	Nesprin-3	SYNE3	sp Q6ZM23	1	1	1	0	0	1	0	0	1	0	1	1.1	112.22	0.002047	3.6672	29347000	0	0	0	29347000	0	0	0	1206900		
Q6ZS25	Q6ZS25	Rho guanine nucleotide exchange factor 18	ARHGEF18	sp Q6ZS25	1	1	1	0	1	0	1	0	1	0	1	0.5	151.64	0.003078	2.0958	29240000	0	3063400	0	26177000	0	270040	0	1076500		
Q9H413	Q9H413	TRAB domain-containing protein	TRABD	sp Q9H413	2	2	2	0	2	0	2	0	2	0	2	5.9	42.321	0	4.4725	29063000	0	8227900	0	20835000	0	713640	0	868500		
Q15750	Q15750	TGF-beta-activated kinase 1 and MAP3K7-binding	TAB1	sp Q15750	4	4	4	0	3	0	3	0	3	0	3	2	11.1	54.643	0	14.588	29053000	0	12189000	0	7763400	0	1876600	0	0	
Q32P44	Q32P44	Echinoderm microtubule-associated protein-like	EML3	sp Q32P44	3	3	3	0	0	3	0	0	3	0	3	4.5	95.196	0	10.124	29011000	0	0	0	29011000	0	0	0	1193100		
Q726K3	Q726K3	Protein prenyltransferase alpha subunit repeat-c	PTAR1	sp Q726K3	1	1	1	0	1	0	1	0	1	0	1	2.5	46.405	0.009664	1.5364	28885000	0	13873000	0	15012000	0	1222900	0	617380		
O60563	O60563	Cyclin-1	CNT1	sp O60563	3	3	3	1	0	3	1	0	3	1	0	6.6	80.684	0	5.7069	28868000	0	24387000	4480600	0	1891200	3269400	0	0		
O60282	O60282	Kinesin heavy chain isoform 5C	KIF5C	sp O60282	10	3	3	0	6	5	10	0	0	3	0	3	14.5	109.49	0	13.073	28848000	0	0	0	28848000	0	0	0	1186400	
Q9NXCS	Q9NXCS	WD repeat-containing protein mio	MIOS	sp Q9NXCS	4	4	4	0	3	0	3	0	3	0	3	5.6	98.583	0	8.5522	28767000	0	16150000	0	12616000	0	998920	0	943570		
Q9H0H0	Q9H0H0	Integrator complex subunit 2	INTS2	sp Q9H0H0	1	1	1	0	0	1	0	0	1	0	1	1	134.32	0.002048	3.7136	28707000	0	0	0	28707000	0	0	0	1180600		
Q6PL24	Q6PL24	Protein TMED8	TMED8	sp Q6PL24	2	2	2	0	2	0	2	0	2	0	2	10.8	35.74	0	3.8942	28510000	0	28510000	0	0	0	2513100	0	0		
Q5BHJ7	Q5BHJ7	Protein YIF1B	YIF1B	sp Q5BHJ7	1	1	1	0	1	0	1	0	1	0	1	7.6	34.435	0	5.1848	28477000	0	10252000	0	18226000	0	903690	0	749540		
Q9H423	Q9H423	Phosphorylated CTD-interacting factor 1	PCIF1	sp Q9H423	2	2	2	0	2	0	2	0	2	0	2	4.5	80.669	0	4.5863	28401000	0	10576000	0	17826000	0	928800	0	736530		
Q13107	Q13107	Ubiquitin carboxyl-terminal hydrolase 4	USP4	sp Q13107	4	4	4	0	2	0	2	0	2	0	2	3.5	106.56	0	5.5045	28392000	0	0	0	28392000	0	0	0	1167600		
P48750	P48750	Ranin-binding lectin serine protease 1;Mannan	MASP1	sp P48750	2	2	2	0	4	0	4	0	4	0	4	8.7	79.246	0	9.5659	28316000	0	0	28336000	0	0	0	19041000	0		
Q08253	Q08253	72 kDa type IV collagenase;PEX	MMP2	sp Q08253	1	1	1	0	0	1	0	0	1	0	1	1.8	73.881	0.000722	3.73555	28316000	0	0	0	28316000	0	0	0	1164500		
Q9UDX5	Q9UDX5	Mitochondrial fission process protein 1	MIFP1	sp Q9UDX5	1	1	1	0	1	0	1	0	1	0	1	6.6	18.01	0.001166	2.9047	28250000	0	11089000	0	17316000	0	977510	0	705750		
O95425	O95425	Supervillin	SVIL	sp O95425	4	4	4	0	4	1	0	0	4	1	0	2.2	247.74	0	9.1843	28220000	0	0	15426000	12795000	0	9992600	889540	0		
Q14249	Q14249	Endonuclease G, mitochondrial	ENDOG	sp Q14249	1	1	1	0	0	1	0	0	1	0	0	5.7	32.62	0.002045	3.59	28170000	0	0	0	28170000	0	0	0	1158500		
Q9NPF5	Q9NPF5	DNA methyltransferase 1-associated protein 1	DMAA1	sp Q9NPF5	3	3	3	0	2	0	2	0	2	0	1	10.5	52.992	0	6.2435	28150000	0	28150000	0	0	0	2481400	0	0		
Q43808	Q43808	Peroxisomal membrane protein PMP34	SLC25A17	sp Q43808	1	1	1	0	1	0	1	0	1	0	1	5.9	34.566	0	4.1378	28149000	0	12278000	0	15872000	0	1082300	0	652730		
A2A3N6	A2A3N6	Putative PIP5K1A and PSM4D-like protein	PIPSL	sp A2A3N6	5	1	1	0	4	5	5	0	1	1	0	6	95.047													

Q5U5X0	Q5U5X0	Complex III assembly factor LYRM7	LYRM7	sj Q5U5X0	2	2	2	0	1	0	1	0	1	0	1	0	1	24	11.955	0	5.6615	25981000	0	25981000	0	0	0	2290200	0	157070		
P42695	P42695	Condensin-2 complex subunit D3	NCAPD3	sj P42695	2	2	2	0	2	1	2	0	2	1	2	1	2	1.4	168.89	0	10.093	25944000	0	6579300	2132600	17323000	0	1131600	0	1066500		
Q9UL03	Q9UL03	Integrator complex subunit 6	INTS6	sj Q9UL03	1	1	1	0	0	0	0	0	0	0	0	0	1	1.7	100.39	0.001348	2.377	25934000	0	0	0	25934000	0	0	0	1066500		
O14672	O14672	Disintegrin and metalloproteinase domain-contain	ADAM10	sj O14672	1	1	1	0	0	1	0	1	0	1	0	1	2	2	84.141	0.001564	2.2827	25865000	0	6359500	0	19505000	0	560800	0	802160		
P55789	P55789	FAD-linked sulphydryl oxidase ALR	GFER	sj P55789	3	3	3	0	0	0	0	0	0	0	0	0	0	18.5	23.449	0	9.4418	25842000	0	25842000	0	0	0	2277900	0	0		
Q15025	Q15025	TNFAIP3-interacting protein 1	TNIP1	sj Q15025	2	2	2	1	1	1	2	0	1	1	2	1	2	4.1	71.863	0	6.2478	25808000	0	6278400	1560700	17969000	0	722650	994810	623750		
O95758	O95758	Polypyrimidine tract-binding protein 3	PTBP3	sj O95758	1	1	1	1	1	2	0	0	1	1	0	0	1	7.6	59.689	0.000485	3.4323	25759000	0	0	2576800	23182000	0	41	0	953390		
Q5T009	Q5T009	Tumor protein p63-regulated gene l-like protein	TPRGL1	sj Q5T009	2	2	2	0	0	0	0	0	0	0	0	0	2	16.9	30.211	0	6.2229	25756000	0	0	0	25756000	0	0	0	1059200		
O00754	O00754	Lysosomal alpha-mannosidase;Lysosomal alpha-m	MAN2B1	sj O00754	1	1	1	0	0	0	0	0	0	0	0	0	0	1.5	113.74	0	4.7819	25628000	0	25628000	0	0	0	2259100	0	0		
P08922	P08922	Proto-oncogene tyrosine-protein kinase ROS	ROS1	sj P08922	1	1	1	0	0	0	1	0	0	0	0	0	1	0.5	263.91	0.006424	1.7422	25567000	0	0	0	25567000	0	0	0	1051500		
P31323	P31323	GAMP-dependent protein kinase type II-beta regu	PRKAR2B	sj P31323	4	4	4	0	0	0	0	0	0	0	0	0	1	15.3	46.302	0	3.9218	25557000	0	0	25567000	0	0	0	2253700	0	0	
Q9NSY1	Q9NSY1	BMP-2-inducible protein kinase	BMP2K	sj Q9NSY1	2	2	2	0	0	0	0	0	0	0	0	0	2	2.3	129.17	0	4.6159	25489000	0	0	0	25489000	0	0	0	1048300		
Q9NW86	Q9NW86	Arginine and glutamate-rich protein 1	ARGLU1	sj Q9NW86	3	3	3	1	2	1	0	1	2	1	0	1	2	8.4	33.216	0	4.9981	25454000	1123600	20428000	3903000	0	1500800	1423500	0	0		
O95834	O95834	Echinoderm microtubule-associated protein-like	EML2	sj O95834	3	3	3	0	0	0	3	0	2	0	0	0	3	5.4	70.678	0	6.0759	25433000	0	4581700	0	20851000	0	470750	0	790620		
Q9BRT6	Q9BRT6	Protein LLP homolog	LLPH	sj Q9BRT6	1	1	1	0	1	1	1	0	1	1	1	1	1	10.9	15.225	0.003079	2.0962	25412000	0	7097700	3176300	15138000	0	625660	2134400	622570		
Q9H784	Q9H784	Histone-lysine N-methyltransferase SMYD3	SMYD3	sj Q9H784	2	2	2	0	0	2	0	2	0	2	0	2	2	6.5	49.097	0.00287	2.1345	25323000	0	8904000	0	16419000	0	795580	0	664550		
Q9BU6E	Q9BU6E	Iron-sulfur cluster assembly 1 homolog, mitochon	ISCA1	sj Q9BU6E	1	1	1	0	1	0	1	0	1	0	1	0	1	9.3	14.179	0.000487	3.4823	25320000	0	6120600	0	19199000	0	539530	0	789570		
Q99504	Q99504	Eyes absent homolog 3	EYA3	sj Q99504	3	3	3	0	2	0	1	0	2	0	1	0	1	8	62.662	0.000247	3.6623	25258000	0	18886000	0	0	0	6372200	0	0		
Q96QU8	Q96QU8	Exportin-6	XPO6	sj Q96QU8	1	1	1	0	1	0	1	0	1	0	1	0	1	1	128.88	0	5.1181	25244000	0	4431800	0	20812000	0	390660	0	855910		
Q7ZK3	Q7ZK3	Pogo transposable element with ZNF domain	POGZ	sj Q7ZK3	2	2	2	1	1	0	1	0	1	0	2	1	1	2.3	155.34	0	4.4897	25174000	0	10397000	947110	13830000	0	953730	600380	567560		
P49711;Q8	P49711;Q8	Transcriptional repressor CTCF;Transcriptional r	CTCF;CTCF	sj P49711	2	2	2	0	2	2	0	2	2	0	2	2	0	5.4	82.785	0	5.1067	25108000	0	14989000	10119000	0	0	0	1189600	6931600	0	
P53611	P53611	Geranylgeranyl transferase type-2 subunit beta	RABGGTB	sj P53611	0	0	0	0	0	0	0	0	0	0	0	0	2	3.3	36.924	0.000248	3.7001	25101000	0	1884900	0	23216000	0	468580	0	652350		
Q96AA3	Q96AA3	Protein RFT1 homolog	RFT1	sj Q96AA3	2	2	2	0	0	2	0	0	2	0	0	0	2	4.3	60.335	0.000721	3.3349	25089000	0	6178400	0	0	0	834860	0	487470		
P43007	P43007	Neutral amino acid transporter A	SLC14A4	sj P43007	1	1	1	0	1	0	1	0	1	0	1	0	1	5.1	55.722	0.000247	3.6669	25076000	0	12102000	0	12974000	0	1066800	0	533550		
O95295	O95295	SNARE-associated protein Snapin	SNAPIN	sj O95295	2	2	2	0	2	0	2	0	2	0	2	0	2	22.8	14.874	0	11.46	25024000	0	18671000	0	6352900	0	1644900	0	442240		
Q96F63	Q96F63	Coiled-coil domain-containing protein 97	CCDC37	sj Q96F63	2	2	2	0	2	0	0	0	0	0	0	0	7.6	38.946	0	7.1465	25004000	0	25004000	0	0	0	2284100	0	0			
Q8X18	Q8X18	Probable ATP-dependent RNA helicase DHX40	DHX40	sj Q8X18	1	1	1	0	1	0	1	0	1	0	1	0	1	1.5	88.559	0.001177	3.0577	24940000	0	5541800	0	19398000	0	488510	0	797740		
O95985	O95985	DNA topoisomerase- $\beta$ beta-1	TOP3B	sj O95985	3	3	3	2	2	1	2	2	2	1	2	2	1	4.8	96.661	0	7.6872	24893000	1068000	8251800	1616400	13957000	1126300	642330	1261400	425580		
O9Y605	O9Y605	MORF4 family-associated protein 1	MRFAP1	sj O9Y605	1	1	1	0	1	0	1	0	1	0	1	0	1	18.9	14.649	0	7.3817	24831000	0	9339600	0	15491000	0	832380	0	637090		
Q96LB3	Q96LB3	Intraflagellar transport protein 74 homolog	IFT74	sj Q96LB3	2	2	2	0	2	0	2	0	2	0	2	0	1	4.7	69.239	0	4.3803	24819000	0	15796000	0	9022600	0	902980	0	860510		
P13987	P13987	CD59 glycoprotein	CD59	sj P13987	1	1	1	0	0	1	0	0	1	0	0	1	1	6.2	14.177	0.003905	1.9317	24812000	0	0	1591300	23220000	0	0	0	1069400	954960	
Q9UN51	Q9UN51	Protein timeless homolog	TIMELESS	sj Q9UN51	4	4	4	0	3	1	2	0	3	1	2	0	4	4.6	138.66	0	6.8977	24792000	0	6216100	1918800	16657000	0	718710	1102500	701150		
P38935	P38935	DNA-binding protein SMUBP-2	IGHMBP2	sj P38935	2	2	2	1	1	2	2	1	2	2	1	2	2	2.9	109.15	0.000715	3.244	24697000	1324700	5128200	6321400	11923000	965030	563740	4030400	482850		
Q96T60	Q96T60	Bifunctional polyucleotide phosphatase/kinase	PNKP	sj Q96T60	2	2	2	0	1	0	2	0	0	1	0	2	0	6.3	57.076	0	4.8338	24690000	0	5438200	0	19252000	0	641450	0	629860		
Q92925	Q92925	SWI/SNF-related matrix-associated actin-depend	SMARCD2	sj Q92925	1	1	1	0	1	1	2	0	1	1	2	0	2	6.2	58.92	0	3.9343	24662000	0	4817000	878070	18967000	0	676220	640190	478290		
Q58FG1	Q58FG1	Putative heat shock protein HSP 90-alpha A4	HSP90AAA4	sj Q58FG1	2	2	2	1	1	2	1	2	1	0	1	0	1	5.3	47.711	0.001161	2.829	24588000	0	9909700	0	14678000	0	873530	0	603630		
Q8X11	Q8X11	Mitochondrial Rho GTPase 2	RHOT2	sj Q8X11	2	2	2	0	0	1	0	1	0	1	0	1	0	4.2	68.117	0	5.1668	24556000	0	10489000	0	0	0	0	578530	0	0	
Q13286	Q13286	Battenin	CLN3	sj Q13286	1	1	1	0	0	0	0	1	0	0	1	0	1	3.4	47.622	0.001159	2.7908	24456000	0	0	0	24456000	0	0	0	1005800		
Q9NUD5	Q9NUD5	Zinc finger CCHC domain-containing protein 3	ZCCHC3	sj Q9NUD5	2	2	2	0	2	0	2	0	2	0	2	0	11.7	43.547	0.000718	3.2937	24411000	0	0	0	0	0	2151800	0	0			
O43426	O43426	Synaptotagmin-1	SYN1	sj O43426	2	2	2	0	0	0	0	0	0	0	0	0	2	1.8	173.1	0	5.1284	24352000	0	0	0	24352000	0	0	0	1001500		
Q99808	Q99808	Equilibrative nucleoside transporter 1	SLC29A1	sj Q99808	1	1	1	0	1	0	1	0	1	0	1	0	1	2	50.219	0.003275	2.0257	24349000	0	11242000	0	0	0	13107000	0	990960	0	539030
O14757	O14757	Serine/threonine-protein kinase Chk1	CHK1	sj O14757	2	2	2	0	2	0	2	0	2	0	2	0	2	5.7	54.433	0.000489	3.5329	24254000	0	12013000	0	12241000	0	984910	0	574770		
Q75448	Q75448	Mediator of RNA polymerase II transcription subu	MEZ24	sj Q75448	1	1	1	0	0	1	1	0	0	1	0	1	1	1.6	110.33	0	6.1714	24235000	0	0	438340	23797000	0	0	0	294560	978660	
Q9BWE0	Q9BWE0	Replication initiator 1	REPIN1	sj Q9BWE0	3	3	3	0	3	1	3	0	3	1	3	0	3	7.4	63.574	0.000488	3.5152	24230000	0	11513000	1610100	11105000	0	745740	1520000	387550		
P01116	P01116	GTPase KRas;GTPase KRas, N-terminally proces	KRAS	sj P01116	4	4	4	1	0	3	0	4	0	0	0	1	1	28	215.65	0.002663	2.1899	24201000	0	0	0	24201000	0	0	0	995230	80	
Q9ULL8;Q	Q9ULL8;Q	Calcium-dependent secretion activator 1;Calcium	CADPS5;CAI	sj Q9ULL8	2	2	2	0	0	0	0	0	0	0	0	0	2	2.4	152.78	0	7.5391	24137000	0	0	0	24137000	0	0	0	992660		
Q13901	Q13901	Nuclear nucleic acid-binding protein CID	CID	sj Q13901	1	1	1	0	1	0	1	0	1	0	1	0	1	7.1	16.019	0.001139	2.5576	24134000	0	14579000	0	9555900	0	1348700	0	329400		
Q05707	Q05707	Collagen alpha-1(XIV) chain	COL14																													



P55212	P55212	Caspase-6;Caspase-6 subunit p18;Caspase-6 subu	CASP6	sp P55212	2	2	2	0	1	0	2	0	1	0	2	0	1	0	2	6.5	33.31	0.001166	2.9048	22152000	0	8099200	0	14053000	0	898790	0	393080				
C9JLW8	C9JLW8	Protein FAM195B	FAM195B	sp C9JLW8	2	2	2	1	2	0	0	1	2	0	0	0	1	2	0	29.9	10.92	0	4.0315	22111000	1739100	20372000	0	2200600	0	1334200	0	0				
O15047	O15047	Histone-lysine N-methyltransferase SETD1A	SETD1A	sp O15047	2	2	2	0	2	0	0	1	2	0	0	1	2	0	1	1.8	186.03	0	5.0242	22052000	0	16549000	0	5503400	0	1296500	0	388580				
Q9H4K7	Q9H4K7	Mitochondrial ribosome-associated GTPase 2	MTG2	sp Q9H4K7	3	3	3	0	3	2	0	0	3	2	0	0	3	2	0	9.1	43.955	0	6.0428	22044000	0	0	0	11791000	10253000	0	0	7595100	749910			
N81810	Q8NB80	Sterile alpha motif domain-containing protein 12	SAMD12	sp Q8NB80	3	3	3	0	1	1	0	1	1	1	0	1	1	1	4	22.906	0.009839	1.507	22041000	0	1189000	4019100	16833000	0	382740	0	1942900	1172300	0			
Q8NBM4	Q8NBM4	Ubiquitin-associated domain-containing protein 2	UBAC2	sp Q8NBM4	2	2	2	0	1	1	2	0	1	1	2	0	1	1	2	7.6	38.963	0.001165	2.8947	22016000	0	7011400	1108200	13896000	0	617020	0	702150	615900	0		
Q96RT1	Q96RT1	Protein LAP2	ERBB2IP	sp Q96RT1	2	2	2	0	2	0	0	0	2	0	0	0	2	2	2.1	158.3	0.001564	2.279	21973000	0	0	0	21973000	0	0	0	0	903650	0			
Q95363	Q95363	Phenylalanine-tRNA ligase, mitochondrial	FARS2	sp Q95363	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	2.7	52.356	0.009658	1.5327	21823000	0	12603000	0	9220100	0	0	0	379180	0			
Q8JZAO	Q8JZAO	Dyslexia-associated protein KIAA0319L-like protein	KIAA0319L	sp Q8JZAO	2	2	2	0	2	0	1	0	2	0	1	0	1	0	1	1.6	115.66	0.008457	1.6075	21793000	0	8544400	0	13249000	0	590130	0	707910	0	0		
P57764	P57764	Gas2L3 domain D	GS2L3	sp P57764	2	2	2	0	0	0	0	2	0	0	0	2	0	0	2	5.6	52.8	0	8.5524	21789000	0	0	0	0	0	0	0	0	895100	0		
Q4U2B6	Q4U2B6	3S5 ribosomal protein L51, mitochondrial	MRL51	sp Q4U2B6	1	1	1	0	0	0	0	1	0	0	0	1	0	0	1	9.4	15.095	0.000249	3.7434	21771000	0	0	0	21771000	0	0	0	0	895360	0		
P31641	P31641	Sodium- and chloride-dependent taurine transp	SLC6A6	sp P31641	2	2	2	0	0	0	0	2	0	0	0	2	0	0	2	2.9	69.829	0	4.6485	21759000	0	0	0	0	0	0	0	0	894840	0		
A6NIH7	A6NIH7	Protein unc-119 homolog B	UNC119B	sp A6NIH7	2	2	2	0	2	0	0	2	0	0	2	0	1	0	2	10.8	28.136	0.000716	3.2641	21685000	0	2897900	0	18787000	0	0	0	0	772630	0		
Q9NZJ6	Q9NZJ6	Ubiquinone biosynthesis O-methyltransferase, mi	COQ3	sp Q9NZJ6	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	4.3	41.054	0	6.3399	21614000	0	0	0	21614000	0	0	0	0	1905200	0		
P52429	P52429	Diacylglycerol kinase epsilon	DKGE	sp P52429	2	2	2	0	2	0	0	2	0	0	0	2	0	0	4.8	63.926	0	4.9941	21520000	0	0	0	21520000	0	0	0	0	1896900	0			
Q15120	Q15120	[Pyruvate dehydrogenase [acetyl-transferring]] ki	PDK3	sp Q15120	2	2	2	0	2	0	1	0	2	0	1	0	2	0	6.7	46.938	0.001168	2.9211	21518000	0	16099000	0	5418900	0	1079000	0	562970	0	0			
Q9UER7	Q9UER7	Death domain-associated protein 6	DAXX	sp Q9UER7	3	3	3	0	3	2	0	0	3	2	0	0	3	2	0	8.2	81.372	0	4.1089	21456000	0	18172000	3284100	0	0	0	1328400	2480400	0	0		
Q9NVV4	Q9NVV4	Poly(A) RNA polymerase, mitochondrial	MTPAP	sp Q9NVV4	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	4.1	66.171	0	4.9849	21409000	0	21409000	0	0	0	0	1887100	0	0	0	0	
Q9HSJ0	Q9HSJ0	Zinc finger and BTB domain-containing protein 3	ZBTB3	sp Q9HSJ0	2	2	2	0	2	0	0	2	0	0	2	0	2	0	12.5	61.827	0.000249	3.7536	21359000	0	21359000	0	0	0	0	0	14535000	0	0	0		
Q8NSL8	Q8NSL8	Ribonuclease P protein subunit p25-like protein	RPP25L	sp Q8NSL8	1	1	1	0	1	1	0	1	1	0	1	1	1	1	5.5	17.631	0.006213	1.7474	21312000	0	10415000	1557400	9399400	0	918110	0	1046600	384090	0	0		
Q9UPW5	Q9UPW5	Cytosolic carboxypeptidase 1	AGTPBP1	sp Q9UPW5	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0.9	138.45	0.001171	2.9734	21235000	0	21235000	0	0	0	0	0	1871800	0	0	0	0	
O75688	O75688	Protein phosphatase 1B	PPM1B	sp O75688	2	1	1	0	2	0	0	2	0	1	0	0	0	0	5.2	52.642	0.008446	1.5961	21222000	0	0	0	2573200	0	0	0	18647000	0	0	0	766880	0
Q16773	Q16773	Kynurenine--oxoglutarate transaminase 1	CBCL1	sp Q16773	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	3.1	47.875	0	5.3214	21139000	0	7567400	0	13572000	0	0	0	0	558140	0		
Q9NUQ2	Q9NUQ2	1-acyl-sn-glycerol-3-phosphate acyltransferase e	AGPAT5	sp Q9NUQ2	1	1	1	0	1	1	1	0	1	1	0	1	1	1	3.3	42.072	0.000487	3.4952	21099000	0	3456700	1598500	16044000	0	453460	0	851420	733840	0	0		
Q5T2N8	Q5T2N8	ATPase family AAA domain-containing protein 3C	ATAD3C	sp Q5T2N8	13	1	1	0	8	11	13	0	0	1	1	0	1	1	30.9	46.379	0.006009	1.6762	21083000	0	0	4301300	16782000	0	0	0	2890500	690150	0	0	0	
Q96HV5	Q96HV5	Transmembrane protein 41A	TMEM41A	sp Q96HV5	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	4.5	29.665	0	15.775	21068000	0	21068000	0	0	0	0	1857100	0	0	0	0	
Q96JL7	Q96JL7	Dehydrogenase/reductase SDR family member 1	DHR51	sp Q96JL7	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	4.5	33.909	0	4.262	21030000	0	3298300	0	17732000	0	290750	0	729240	0	0	0	
Q92508	Q92508	Piezoe-type mechanosensitive ion channel compo	PIEZO1	sp Q92508	2	2	2	0	0	0	2	0	0	0	0	0	0	2	1.8	286.79	0.003293	2.0861	20938000	0	0	0	0	0	0	0	0	861100	0	0	0	0
Q8NSC7	Q8NSC7	DTW domain-containing protein 1	DTWD1	sp Q8NSC7	2	2	2	0	0	0	2	0	0	0	2	0	0	2	8.2	35.248	0.000247	3.6674	20897000	0	0	0	0	0	0	0	20897000	0	0	0	859410	0
Q9NZQ3	Q9NZQ3	NCK-interacting protein with SH3 domain	NCKIP5D	sp Q9NZQ3	2	2	2	0	1	0	2	0	0	2	0	0	2	0	2	4.6	78.959	0.000247	3.6747	20872000	0	2428200	0	18444000	0	570300	0	402260	0	0	0	0
P21953	P21953	2-oxoisovalerate dehydrogenase subunit beta, mi	BCKDHB	sp P21953	2	2	2	0	2	0	0	2	0	0	2	0	0	2	8.9	43.122	0	9.2041	20868000	0	20868000	0	0	0	0	0	1839500	0	0	0	0	
Q14409;P3	Q14409;P3	Putative glycercyl kinase 3;glycercyl kinase	GK3P;GK	sp Q14409	2	2	2	1	2	0	1	2	0	2	0	2	0	2	3.6	60.597	0.008453	1.599	20838000	380370	12247000	0	8210500	0	1152400	0	264820	0	0	0	0	
P49454	P49454	Centromere protein F	CENPF	sp P49454	3	3	3	0	0	0	3	0	0	0	0	0	3	0	1.2	35.752	0	5.4918	20836000	0	0	0	20836000	0	0	0	0	856900	0	0	0	0
Q96C00	Q96C00	Zinc finger and BTB domain-containing protein 9	ZBTB9	sp Q96C00	5	5	5	1	0	5	0	1	0	5	0	1	0	5	16.7	50.602	0	10.95	20816000	1136800	0	19679000	0	0	0	0	13224000	0	0	0	0	
Q96IG6	Q96IG6	Coiled-coil domain-containing protein 132	CDC132	sp Q96IG6	1	1	1	0	1	0	1	0	1	0	1	0	1	1	1.2	111.117	0.001164	2.8749	20788000	0	3785700	0	17002000	0	333700	0	699230	0	0	0	0	
Q9NQ29	Q9NQ29	Putative RNA-binding protein Luc7-like 1	LUC7L	sp Q9NQ29	7	2	2	1	6	4	5	2	1	1	0	2	1	1	18.1	43.727	0.00072	3.3254	20704000	0	12308000	642360	7753800	0	977090	0	461620	396750	0	0	0	0
Q96AJ9	Q96AJ9	Vesicle transport through interaction with t-SNAR	VTIA1	sp Q96AJ9	2	2	2	0	0	0	2	0	0	2	0	0	2	0	12	25.217	0.000717	3.2828	20696000	0	0	0	0	0	0	0	20696000	0	0	0	851150	0
Q9H759;Q	Q9H759;Q	Zinc finger protein 703;Zinc finger protein 503	ZNF703;ZNF503	sp Q9H759	1	1	1	0	1	0	1	0	1	0	1	0	1	2	58.221	0.000717	3.2774	20520000	0	15562000	0	4958400	0	1371800	0	203920	0	0	0	0	0	
O94875	O94875	Sorbin and SH3 domain-containing protein 2	SORBS2	sp O94875	2	2	2	0	2	1	0	2	1	0	1	0	2	1	3.7	124.11	0	4.5614	20503000	0	0	12782000	7720500	0	0	8177000	730400	0	0	0	0	
Q9UPM8	Q9UPM8	AP-4 complex subunit epsilon-1	AP4E1	sp Q9UPM8	2	2	2	0	0	0	2	0	0	0	2	0	0	2	2.2	127.29	0	12.928	20411000	0	0	0	0	0	0	0	20411000	0	0	0	839400	0
Q6P4I2	Q6P4I2	WD repeat-containing protein 73	WDR73	sp Q6P4I2	1	1	1	0	1	0	1	0	1	0	1	0	1	0	2.6	41.685	0.003914	1.9553	20405000	0	7939600	0	12465000	0	699860	0	512650	0	0	0	0	
O75143	O75143	Autophagy-related protein 13	ATG13	sp O75143	2	2	2	0	1	0	1	0	2	0	1	0	2	0	6.2	56.571	0	3.8295	20393000	0	3695000	0	16698000	0	419520	0	592900	0	0	0	0	
O7L1V2	O7L1V2	Vacuolar fusion protein MORN1 homolog B	MORN1B	sp O7L1V2	1	1	1	0	1	0	1	0	1	0	1	0	1	0	5.5	59.767	0.001148	2.6447	20345000	0	4500400	0	15864000	0	396700	0	852420	0				

Q9UHR4	Q9UHR4	Brain-specific angiogenesis inhibitor 1-associated	BAIAP2L1	sp Q9UHR	3	3	3	0	3	0	0	0	3	0	0	0	3	0	0	8.8	56.882	0	5.0564	17973000	0	17973000	0	0	0	1584300	0	0		
P25490	P25490	Transcriptional repressor YY1	YY1	sp P25490	2	2	2	0	2	1	1	0	2	1	1	0	2	1	1	6.8	44.712	0	6.3675	17954000	0	9724100	1147100	7082400	0	944820	603480	370960		
Q9BWD3	Q9BWD3	Protein FAM127B;Protein FAM127C	FAM127B;	sp Q9BWC	2	2	0	2	0	0	0	0	2	0	2	0	2	0	2	14.2	13.188	0.002869	2.1252	17924000	0	3663900	0	14260000	0	321630	0	587820		
P05067	P05067	Amyloid beta A4 protein;N-APP;Soluble APP-APP	APP	sp P05067	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1.6	86.942	0	4.5207	17893000	0	2052200	601200	15240000	0	210550	314640	686470		
Q9H1Z4	Q9H1Z4	WD repeat-containing protein 13	WDR13	sp Q9H1Z	2	2	0	1	1	0	1	0	1	1	1	0	1	1	1	6.6	53.695	0.001143	2.5953	17880000	0	6799300	1163800	9917100	0	599350	782060	0		
Q9UNH6	Q9UNH6	Sorting nexin-7	SNX7	sp Q9UNH	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	2.8	45.302	0.00114	2.5662	17874000	0	6167300	0	11707000	0	0	0	481440		
P55081	P55081	Microfibrillar-associated protein 1	MFAF1	sp P55081	2	2	0	1	0	0	2	0	0	2	0	0	2	0	2	6.4	51.958	0.008437	1.5859	17872000	0	6072800	0	11799000	0	800610	0	219950		
P20248	P20248	Cyclin-A2	CNCA2	sp P20248	1	1	1	0	1	1	0	1	0	1	0	0	1	1	0	3.7	48.55	0	5.3335	17773000	0	15042000	2730500	0	0	0	1326000	1834900	0	
Q6UUV9	Q6UUV9	CREB-regulated transcription coactivator 1	CRTC1	sp Q6UUV	2	2	2	0	1	0	0	2	0	0	2	0	0	2	5	67.299	0	5.3637	17770000	0	12773000	0	4996700	0	1125900	0	205490			
Q96U17	Q96U17	C1GALT1-specific chaperone 1	C1GALT1C	sp Q96U1	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	6.6	36.382	0.001156	2.7587	17674000	0	0	0	0	0	1767400	0	726850		
Q8T8E7	Q8T8E7	Solute carrier family 35 member G2	SLC35G2	sp Q8T8E	2	2	0	0	0	0	0	0	2	0	0	0	2	0	2	14.6	46.421	0	4.3599	17649000	0	0	0	0	0	1764900	0	725830		
Q9NZ63	Q9NZ63	Uncharacterized protein C9orf78	C9orf78	sp Q9NZ6	1	1	1	0	1	0	0	1	0	1	0	1	0	1	0	3.1	33.688	0.002446	2.2191	17634000	0	8737800	0	8896000	0	770220	0	365850		
Q99081	Q99081	Transcription factor 12	TCF12	sp Q9908	2	2	2	0	0	0	1	0	1	0	1	0	1	0	1	4	72.964	0	3.857	17625000	0	10907000	0	6717500	0	0	0	276260		
Q96GQ7	Q96GQ7	Probable ATP-dependent RNA helicase DDX27	DDX27	sp Q96GQ	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1	1.8	89.834	0	4.286	17578000	0	0	2801700	14776000	0	0	1882700	607680	0	
Q9Y3B6	Q9Y3B6	ER membrane protein complex subunit 9	EMC9	sp Q9Y3B	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	6.2	23.061	0	3.9491	17560000	0	0	0	0	0	1756000	0	722170		
Q5F1R6	Q5F1R6	Dnal homolog subfamily C member 21	DNAJC21	sp Q5F1R	1	1	1	0	1	1	0	0	1	1	0	0	1	1	0	3	62.027	0	5.3319	17546000	0	12817000	4729300	0	0	1129800	3178000	0		
Q9BRG1	Q9BRG1	Vacuolar protein-sorting-associated protein 25	VPS25	sp Q9BRG	4	4	4	0	4	0	0	0	0	4	0	0	0	4	0	29.5	20.747	0	7.4267	17524000	0	17524000	0	0	0	1544700	0	0		
Q9UKV5	Q9UKV5	E3 ubiquitin-protein ligase AMFR	AMFR	sp Q9UKV	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	4.7	72.995	0	14.881	17492000	0	0	0	0	0	17492000	0	719370		
P36021	P36021	Monocarboxylate transporter 8	SLC16A2	sp P3602	2	2	2	0	0	1	2	0	0	1	2	0	0	1	2	4.5	59.511	0	4.4729	17454000	0	0	1017100	16437000	0	0	683510	675970	0	
Q99704	Q99704	Docking protein 1	DKO1	sp Q9970	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	5.6	52.391	0.00114	2.5621	17350000	0	0	0	0	0	17350000	0	0	1713510	0
Q9HC36	Q9HC36	rRNA methyltransferase 3, mitochondrial	RNMTL1	sp Q9HC3	2	2	2	0	2	1	1	0	2	1	1	0	2	1	1	5.2	47.019	0.001134	2.4866	17349000	0	8957100	1803500	6588200	0	521420	1214000	537040		
Q8WVF1	Q8WVF1	Protein OSCP1	OSCP1	sp Q8WVF	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	4.4	44.586	0	3.8478	17224000	0	6708300	0	10516000	0	591330	0	432480		
Q9UHA3	Q9UHA3	Probable ribosome biogenesis protein RLP24	RLS24D1	sp Q9UHA	1	1	1	0	1	1	0	0	1	1	0	0	1	1	0	7.4	19.621	0.007041	1.7096	17219000	0	11137000	6081900	0	0	981710	4087000	0		
Q9Y3D0	Q9Y3D0	Mitotic spindle-associated MDMX complex subunit FAM968	FAM968	sp Q9Y3D	1	1	1	0	0	1	0	0	1	0	0	0	1	0	0	13.5	17.663	0.002874	2.1519	17157000	0	0	0	0	0	17157000	0	0	705880	
Q9UMZ2	Q9UMZ2	Synergistic gamma	SYNRG	sp Q9UMZ	2	2	2	0	0	0	2	0	0	2	0	0	2	0	0	3	140.65	0	14.39	17118000	0	0	0	0	0	17118000	0	0	704000	
Q12986	Q12986	Transcriptional repressor NF-X1	NFX1	sp Q1298	2	2	2	0	2	1	2	0	2	1	2	0	2	1	2	2.9	124.39	0	5.8178	17109000	0	5246600	1527000	10335000	0	525820	1061300	326560		
Q9H4F1	Q9H4F1	Chromatin modification-related protein MEAF6	MEAF6	sp Q9H4F	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	7.9	21.635	0	5.5277	17106000	0	0	0	0	0	17106000	0	0	507900	
Q96K19	Q96K19	E3 ubiquitin-protein ligase RNFL70	RNF170	sp Q96K1	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	5.4	29.814	0	4.995	17058000	0	0	0	0	0	17058000	0	0	415970	
Q9NVH6	Q9NVH6	Trimethyllysine dioxygenase, mitochondrial	TMLHE	sp Q9NVH	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	3.8	49.517	0.00025	3.8018	17037000	0	0	0	0	0	17037000	0	0	1501800	0
Q13472	Q13472	DNA topoisomerase 3-alpha	TOP3A	sp Q1347	2	1	1	2	1	2	1	1	0	0	0	0	0	0	0	2.4	112.37	0.000951	3.1881	17032000	0	0	0	0	0	17032000	0	0	1501300	0
Q13541	Q13541	Eukaryotic translation initiation factor 4E-binding	EIF4EBP1	sp Q1354	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	22	12.58	0.001173	3.0164	17003000	0	0	0	0	0	17003000	0	0	1498800	0
P08123	P08123	Collagen alpha-2(I) chain	COL1A2	sp P0812	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1.3	129.31	0.00157	2.3482	16980000	0	2177700	883620	13919000	0	260480	458120	639570	0	
Q9UHL4	Q9UHL4	Dipeptidyl peptidase 2	PPP7	sp Q9UHL	2	2	2	0	0	0	0	0	2	4	3	4	3	4	3	4.3	54.341	0.001148	2.6456	16961000	0	0	0	0	0	16961000	0	0	697550	0
Q9NRW1	Q9NRW1	Ras-related protein Rab-6B	RAB6B	sp Q9NRW	5	2	2	1	5	1	2	0	0	0	0	0	0	0	0	33.7	23.461	0	6.7358	16946000	0	0	0	0	0	16946000	0	0	1493700	0
P82921	P82921	28S ribosomal protein S21, mitochondrial	MRPS21	sp P8292	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	16.1	10.688	0	6.7399	16928000	0	0	0	0	0	16928000	0	0	1492200	0
Q8IW35	Q8IW35	Centrosomal protein of 97 kDa	CEP97	sp Q8IW3	2	2	2	0	2	0	0	0	0	0	0	0	0	0	0	4.5	96.98	0.001567	2.3096	16913000	0	0	0	0	0	16913000	0	0	1490800	0
P09493	P09493	Tropomyosin alpha-1 chain	TPM1	sp P0949	8	1	1	1	1	7	5	7	0	0	0	0	0	0	0	18.7	32.708	0.001158	2.7811	16888000	0	0	0	0	0	16888000	0	0	1488600	0
Q7Z7N9	Q7Z7N9	Transmembrane protein 179B	TMEM179	sp Q7Z7N	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	7.3	23.55	0.003913	1.9538	16886000	0	5807400	0	0	0	11056000	0	511920	0	454670
Q60238	Q60238	BCL2/adenovirus E18 19 kDa protein-interacting	BNIP3L	sp Q6023	1	1	1	0	0	0	0	1	0	0	0	1	0	0	1	10	23.93	0.007437	1.6686	16756000	0	0	0	0	0	16756000	0	0	689100	0
P49427	P49427	Ubiquitin-conjugating enzyme E2 R1	CDC34	sp P4942	2	2	2	0	1	0	2	0	0	2	0	0	2	0	2	7.2	26.736	0.00308	2.098	16744000	0	2858400	0	0	0	13885000	0	0	571040	0
Q9H3Q1	Q9H3Q1	Cdc42 effector protein 4	CDC42EP4	sp Q9H3Q	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1.5	37.979	0.004542	1.8751	16661000	0	0	0	0	0	16661000	0	0	685200	0
Q9BZQ6	Q9BZQ6	ER degradation-enhancing alpha-mannosidase-like	EDEM3	sp Q9BZQ	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	2.3	104.66	0.006421	1.7362	16662000	0	0	0	0	0	16662000	0	0	684810	0
Q9NWW5	Q9NWW5	Ceroid-lipofuscinosis neuronal protein CLING	CLING	sp Q9NWW	1	1	1	0	1	0	1	0	1	0	1	0	1	0	0	3.5	35.919	0	3.8355	16660000	0	6945000	0	0	0	16660000	0	612200	0	398730
Q9N9B9	Q9N9B9	Protein C12orf4	C12orf4	sp Q9N9B	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	4.3	63.18	0.000715	2.3322	166605000	0	0	0	0	0	166605000	0	0	682890	0
Q9BVC5	Q9BVC5	Ashtwin	C2orf49	sp Q9BVC	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	5.6	25.858	0.004538	1.8585	16557000	0	6767000	0	9828900	0	596500	0	404260	0	

Q12884	Q12884	Prolyl endopeptidase FAP;Antiplasmin-cleaving er FAP	sp Q12884	1	1	1	0	0	0	1	0	0	0	1	0	0	1	2.5	87.711	0	8.9072	14862000	0	0	0	14862000	0	0	0	611190
Q6VN20	Q6VN20	Ran-binding protein 10	RANBP10	sp Q6VN20	1	1	1	0	1	0	1	0	1	0	1	0	1	2.3	67.256	0	4.7606	14792000	0	4001300	0	10791000	0	352710	0	443790
Q95210	Q95210	Starch-binding domain-containing protein 1	STBD1	sp Q95210	1	1	1	0	0	0	0	0	0	1	0	0	4.2	39.007	0.000246	3.6332	14779000	0	0	0	14779000	0	0	0	607810	
Q96Q45	Q96Q45	Transmembrane protein 237	TMEM237	sp Q96Q45	1	1	1	0	0	0	1	0	0	1	0	0	1	4.2	45.252	0	4.7736	14762000	0	0	0	14762000	0	0	0	607900
Q9H6U8	Q9H6U8	Alpha-1,2-mannosyltransferase ALG9	ALG9	sp Q9H6U8	2	2	2	0	1	0	0	1	0	1	0	1	6.1	69.863	0.001133	2.4788	14719000	0	4707900	0	10011000	0	414990	0	0	
P32780	P32780	General transcription factor IIH subunit 1	GTF2H1	sp P32780	1	1	1	0	0	0	0	1	0	0	1	0	1.6	62.031	0.001563	2.275	14640000	0	0	0	14640000	0	0	0	602100	
P50336	P50336	Protoporphyrin oxidase	PROX	sp P50336	1	1	1	0	0	0	0	1	0	0	1	0	3.6	50.765	0	5.0627	14608000	0	0	0	14608000	0	0	0	600770	
Q9Y653	Q9Y653	G-protein coupled receptor 56;GPR56 N-terminal	GPR56	sp Q9Y653	1	1	1	0	0	0	0	1	0	0	1	0	1.7	77.737	0.001155	2.7441	14547000	0	0	0	14547000	0	0	0	598260	
Q53533	Q53533	Bola-like protein 3	BOLA3	sp Q53533	1	1	1	0	1	0	0	1	0	1	0	1	15.9	12.114	0.001153	2.7107	14523000	0	5685200	0	8883200	0	501140	0	363480	
Q14545	Q14545	TRAF-type zinc finger domain-containing protein 1	TRAF1	sp Q14545	2	2	2	0	2	1	2	0	2	1	2	2	3.8	64.84	0	4.1329	14469000	0	7685500	298860	6485600	0	640760	283230	221010	
Q9P702	Q9P702	FERM domain-containing protein 4A	FERM4A	sp Q9P702	1	1	1	0	0	1	0	1	0	1	0	1	1.3	115.46	0.00117	2.963	14463000	0	0	1931100	12531000	0	1297700	0	515360	
Q8NHV4	Q8NHV4	Protein NEDD1	NEDD1	sp Q8NHV4	1	1	1	0	1	0	1	0	1	0	1	0	2.7	71.965	0.001161	2.829	14459000	0	4975100	0	9484200	0	438550	0	390040	
Q9Y3Q3	Q9Y3Q3	Transmembrane emp24 domain-containing prote	TME2D3	sp Q9Y3Q3	1	1	1	0	1	0	1	0	1	0	1	0	4.6	24.777	0.007141	1.6754	14446000	0	4421100	0	10025200	0	0	0	412280	
Q6Z5I8	Q6Z5I8	Uncharacterized protein C1orf122	C1orf122	sp Q6Z5I8	1	1	1	0	0	0	1	0	0	1	0	0	10	11.471	0.001044	2.8599	14444000	0	14444000	0	0	0	1273300	0	0	
B3EWF7	B3EWF7	Laforin, isoform 9	EPM2A	sp B3EWF7	1	1	1	1	1	1	1	1	1	1	1	1	3.5	35.169	0.000487	3.4998	14314000	0	9628700	482970	4202100	0	924080	244000	178050	
Q99735	Q99735	Microsomal glutathione S-transferase 2	MGST2	sp Q99735	1	1	1	0	0	0	0	1	0	0	1	0	9.5	16.62	0.00328	2.0432	14311000	0	14311000	0	0	0	1261500	0	0	
Q1ED39	Q1ED39	Lysine-rich nucleolar protein 1	KNOP1	sp Q1ED39	2	2	2	0	2	2	2	2	2	2	2	2	5.5	51.588	0.000157	2.7728	14152000	0	7989200	2511500	3659900	0	809590	1442900	286560	
Q8IW45	Q8IW45	ATP-dependent (S)-NAD(P)H-hydrate dehydratas	CARD	sp Q8IW45	1	1	1	0	1	0	1	0	1	0	1	0	3.7	36.576	0.00095	3.168	14115000	0	4118600	0	9602900	0	363050	0	411100	
Q9UM13	Q9UM13	Anaphase-promoting complex subunit 10	ANAPC10	sp Q9UM13	3	3	3	0	1	3	0	1	3	0	1	3	0	23.8	21.252	0.000487	3.485	14108000	0	2881000	11227000	0	505960	7292500	0	
O15541	O15541	RING finger protein 113A	RNF113A	sp O15541	1	1	1	0	1	0	1	0	1	0	1	0	3.8	38.787	0.001135	2.4889	14097000	0	8154200	0	5942700	0	718790	0	244400	
Q9Y448	Q9Y448	Small kinetochore-associated protein	KNSTRN	sp Q9Y448	2	2	2	0	1	0	2	0	1	0	2	0	7	35.438	0	5.4828	14050000	0	1749900	0	12300000	0	0	0	505840	
Q8TEB9	Q8TEB9	Rhomboid-related protein 4	RHBD1	sp Q8TEB9	1	1	1	0	0	1	0	1	0	1	0	1	5.4	35.823	0	6.7581	14041000	0	0	0	14041000	0	0	0	577460	
Q96B8N	Q96B8N	Ubiquitin thioesterase otulin	OTULIN	sp Q96B8N	2	2	2	0	2	0	0	2	0	2	0	2	0	6	40.262	0	4.0024	14014000	0	14014000	0	0	0	1235300	0	0
Q5T803	Q5T803	Acyl-CoA-binding domain-containing protein 5	ACBD5	sp Q5T803	1	1	1	0	0	1	0	0	1	0	0	1	1.9	60.091	0.001347	2.3712	14004000	0	0	0	14004000	0	0	0	575940	
O75530	O75530	Polycomb protein EED	EED	sp O75530	2	2	2	0	2	0	2	0	2	0	2	0	6.3	50.197	0.001789	2.2645	13964000	0	7651900	0	6312500	0	527530	0	406580	
Q96BW2	Q96BW2	Transcriptional adapter 1	TADA1	sp Q96BW2	2	2	2	0	2	0	0	2	0	0	2	0	6.3	37.381	0.001141	2.5752	13918000	0	13918000	0	0	0	1226800	0	0	
Q9NZ43	Q9NZ43	Vesicle transport protein USE1	USE1	sp Q9NZ43	1	1	1	0	0	0	1	0	0	1	0	0	4.2	29.371	0.001133	2.4347	13899000	0	0	0	13899000	0	0	0	571180	
Q6Z705	Q6Z705	Protein MMS22-like	MMS22L	sp Q6Z705	1	1	1	0	1	0	1	0	1	0	1	0	0.9	142.32	0.001562	2.7202	13881000	0	4277400	0	9604100	0	0	0	394970	
Q8N138	Q8N138	ORM1-like protein 3	ORMDL3	sp Q8N138	2	2	2	0	2	0	1	0	1	0	1	0	1.7	17.494	0	4.0137	13821000	0	3281800	0	10539000	0	289290	0	434340	
Q96RF0	Q96RF0	Sorting nexin-18	SNX18	sp Q96RF0	2	2	2	0	0	0	2	0	0	2	0	2	4.6	68.894	0	4.0755	13796000	0	0	0	13796000	0	0	0	567390	
P13686	P13686	Tartrate-resistant acid phosphatase type 5	ACP5	sp P13686	1	1	1	0	0	0	1	0	0	1	0	0	3.7	36.598	0.001157	2.777	13787000	0	0	0	13787000	0	0	0	566990	
Q9Y619	Q9Y619	Mitochondrial ornithine transporter 1	SLC25A15	sp Q9Y619	1	1	1	0	1	0	1	0	1	0	1	0	4	32.736	0.008462	1.608	13768000	0	0	0	13768000	0	0	0	566210	
Q6A108	Q6A108	HEAT repeat-containing protein 6	HEATR6	sp Q6A108	3	3	3	0	0	0	3	0	0	3	0	0	3.5	128.78	0	17.421	13728000	0	13728000	0	0	0	1210100	0	0	
Q7Z5H3	Q7Z5H3	Rho GTPase-activating protein 22	ARHGAP22	sp Q7Z5H3	3	3	3	0	2	1	0	0	2	1	0	2	1	6.9	76.778	0.00025	3.7936	13726000	0	5057600	8668500	0	0	0	3398700	0
P51606	P51606	N-acetylglucosamine 2-epimerase	RENBP	sp P51606	1	1	1	0	0	1	0	0	1	0	0	1	3.3	48.83	0.000245	3.5953	13699000	0	0	0	13699000	0	0	0	563370	
P01594;P01594;P01594	P01594;P01594;P01594	Ig kappa chain V-l region AU;Ig kappa chain V-l region AG	TRMT2A	sp P01594	1	1	1	0	1	0	0	1	0	1	0	1	13.7	12.848	0.000723	3.3571	13699000	0	13699000	0	0	0	9205400	0	0	
Q8I269	Q8I269	IRNA (luciferase)-methyltransferase homolog A	TRMT2B	sp Q8I269	2	2	2	0	2	1	1	0	2	1	1	0	3.5	68.725	0.00516	1.7911	13692000	0	5375200	970950	7346000	0	409740	691470	327180	
Q9NY12	Q9NY12	H/ACA ribonucleoprotein complex subunit 1	GAR1	sp Q9NY12	2	2	2	0	1	2	1	2	1	2	1	2	7.4	22.348	0.000246	3.6423	13671000	0	3804000	2867700	7723100	0	586690	1563000	366560	
Q9BR52	Q9BR52	Serine/threonine-protein kinase RIO1	RIOK1	sp Q9BR52	2	2	2	0	2	0	0	2	0	2	0	2	3.9	65.582	0.001783	2.2517	13543000	0	13543000	0	0	0	1193800	0	0	
Q4VCS5;Q4VCS5;Q4VCS5	Q4VCS5;Q4VCS5;Q4VCS5	Angiotensin-Angiotensin-like protein 1	AMOT;AM	sp Q4VCS5	2	2	2	0	2	0	2	0	2	0	2	0	1.7	118.08	0.003076	2.0926	13478000	0	13478000	0	0	0	1188100	0	0	
Q9UB58	Q9UB58	E3 ubiquitin-protein ligase RNF14	RNF14	sp Q9UB58	2	2	2	0	1	0	1	0	1	0	1	0	8.6	53.837	0.001565	2.2993	13384000	0	8515000	0	4568900	0	488080	0	476850	
P54646	P54646	5-AMP-activated protein kinase catalytic subunit; PKKA2	PKCA2	sp P54646	2	2	2	0	2	0	1	0	2	0	1	0	8.9	62.319	0.001145	2.6125	13348000	0	13348000	0	0	0	1176600	0	0	
Q96C11	Q96C11	FGG3 carboxyltransferase kinase domain-containing prc FGG3	FGG3	sp Q96C11	1	1	1	0	0	1	0	0	1	0	0	1	2.5	59.992	0.001137	2.518	13320000	0	0	0	13320000	0	0	0	547800	
Q2Z4F1	Q2Z4F1	Low-density lipoprotein receptor-related protein 1	LRP1D	sp Q2Z4F1	1	1	1	0	0	0	1	0	0	1	0	0	2.9	76.193	0	4.0868	13140000	0	0	0	13140000	0	0	0	540400	
Q2VP87	Q2VP87	AP-5 complex subunit beta-1	AP5B1	sp Q2VP87	1	1	1	0	0	0	1	0	0	1	0	1	1.4	93.948	0.000143	2.5879	13038000	0	0	0	13038000	0	0	0	536200	
Q96GY0	Q96GY0	Zinc finger C2HC domain-containing protein 1A	ZC2HC1A	sp Q96GY0	2	2	2	0	1	2	2	0	1	2	2	0	7.1	35.092	0.001174	3.2308	13009000	0	1626300	1424900	9958100	0	341490	734730	434220	
POCG08;B1POCG08;B1POCG08	POCG08;B1POCG08;B1POCG08	Golgi pH regulator B;Golgi pH regulator A	GPR89B;G1	sp POCG08	2	2	2	0	1	0	0	1	0	1	0	0	5.9	52.916	0.000439	1.5905	12987000	0	12987000	0	0	0	1144800	0	0	
Q9UIK0	Q9UIK0	Ribosome biogenesis protein TRS3 homolog	TRS3	sp Q9UIK0	2	2	2	0	0	2	0	0	2	0	0	2	9	33.596	0.002425	3.5665	12982000	0	0	0	12982000	0	0	0	533890	
Q9H6Y2	Q9H6Y2	WD repeat-containing protein 55	WDR																											







Majority protein IDs	Protein names	Gene names	Intensity	log(2)-fold change U87_ADCY8-IP/U87 lysate
Q9Y4L1	Hypoxia up-regulated protein 1	HYOU1	7.467E+09	-8.87881
P49588	Alanine--tRNA ligase, cytoplasmic	AARS	8.462E+09	-8.36187
O43747	AP-1 complex subunit gamma-1	AP1G1	1.28E+09	-8.3128
P53992	Protein transport protein Sec24C	SEC24C	1.932E+09	-8.21981
P13804	Electron transfer flavoprotein subunit alpha, mitoc	ETFA	4.986E+09	-8.06995
Q05193	Dynamin-1	DNM1	1.824E+09	-8.02666
P40121	Macrophage-capping protein	CAPG	3.009E+09	-7.66806
P68036	Ubiquitin-conjugating enzyme E2 L3	UBE2L3	7.738E+09	-7.66321
Q99798	Aconitate hydratase, mitochondrial	ACO2	6.428E+09	-7.611
P04181	Ornithine aminotransferase, mitochondrial;Ornithi	OAT	6.178E+09	-7.56763
P10620	Microsomal glutathione S-transferase 1	MGST1	982570000	-7.50635
P06132	Uroporphyrinogen decarboxylase	UROD	2.109E+09	-7.3472
P30566	Adenylosuccinate lyase	ADSL	3.312E+09	-7.30375
P00374	Dihydrofolate reductase	DHFR	1.187E+09	-7.26164
Q5GLZ8	Probable E3 ubiquitin-protein ligase HERC4	HERC4	975740000	-7.19624
P30043	Flavin reductase (NADPH)	BLVRB	2.424E+09	-7.10379
P52788	Spermine synthase	SMS	4.883E+09	-7.08105
P31939	Bifunctional purine biosynthesis protein PURH;Pho	ATIC	1.541E+10	-7.08031
P60983	Glia maturation factor beta	GMFB	1.394E+09	-7.03485
Q16401	26S proteasome non-ATPase regulatory subunit 5	PSMD5	1.463E+09	-7.0334
Q15836	Vesicle-associated membrane protein 3	VAMP3	673180000	-7.02115
P30520	Adenylosuccinate synthetase isozyme 2	ADSS	1.655E+09	-6.95994
P00966	Argininosuccinate synthase	ASS1	1.803E+09	-6.94823
P15559	NAD(P)H dehydrogenase [quinone] 1	NQO1	1.539E+09	-6.92101
Q9H2G2	STE20-like serine/threonine-protein kinase	SLK	1.897E+09	-6.90117
P49915	GMP synthase [glutamine-hydrolyzing]	GMPS	5.426E+09	-6.86586
Q9UJU6	Drebrin-like protein	DBNL	1.136E+09	-6.81375
A0AVT1	Ubiquitin-like modifier-activating enzyme 6	UBA6	2.688E+09	-6.81198
P28838	Cytosol aminopeptidase	LAP3	3.612E+09	-6.72426
Q15785	Mitochondrial import receptor subunit TOM34	TOMM34	1.807E+09	-6.71404
P11413	Glucose-6-phosphate 1-dehydrogenase	G6PD	5.248E+09	-6.6959
P43487	Ran-specific GTPase-activating protein	RANBP1	6.556E+09	-6.53688
P50502;Q8	Hsc70-interacting protein;Putative protein FAM10	ST13;ST13P5;ST13	5.354E+09	-6.52716
P07741	Adenine phosphoribosyltransferase	APRT	2.333E+09	-6.51584
P17174	Aspartate aminotransferase, cytoplasmic	GOT1	5.906E+09	-6.50304
Q16881	Thioredoxin reductase 1, cytoplasmic	TXNRD1	4.306E+09	-6.48057

Q9Y6B6	GTP-binding protein SAR1b	SAR1B	699040000	-6.43399
P42765	3-ketoacyl-CoA thiolase, mitochondrial	ACAA2	1.365E+09	-6.37695
Q8IWE2	Protein NOXP20	FAM114A1	930990000	-6.32318
Q96BY6	Dedicator of cytokinesis protein 10	DOCK10	417390000	-6.3088
P06744	Glucose-6-phosphate isomerase	GPI	1.993E+10	-6.30266
Q12907	Vesicular integral-membrane protein VIP36	LMAN2	2.058E+09	-6.21797
P11766	Alcohol dehydrogenase class-3	ADH5	2.522E+09	-6.20967
Q15155	Nodal modulator 1	NOMO1	1.235E+09	-6.20602
P14314	Glucosidase 2 subunit beta	PRKCSH	5.008E+09	-6.17097
Q9ULC4;A0	Malignant T-cell-amplified sequence 1	MCTS1	1.775E+09	-6.13116
Q99536	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	3.276E+09	-6.12824
Q12965	Unconventional myosin-1e	MYO1E	1.146E+09	-6.10634
Q13617	Cullin-2	CUL2	1.243E+09	-6.08137
P31930	Cytochrome b-c1 complex subunit 1, mitochondria	UQCRC1	4.279E+09	-6.0769
O60493	Sorting nexin-3	SNX3	1.203E+09	-6.06579
Q96AE4	Far upstream element-binding protein 1	FUBP1	5.44E+09	-6.05275
Q7L576	Cytoplasmic FMR1-interacting protein 1	CYFIP1	2.39E+09	-6.05164
O60443	Non-syndromic hearing impairment protein 5	DFNA5	776300000	-5.99801
Q93045	Stathmin-2	STMN2	554940000	-5.97886
P21912	Succinate dehydrogenase [ubiquinone] iron-sulfur	SDHB	897290000	-5.97779
P49591	Serine--tRNA ligase, cytoplasmic	SARS	4.458E+09	-5.96919
Q9BS26	Endoplasmic reticulum resident protein 44	ERP44	1.227E+09	-5.96402
O00764	Pyridoxal kinase	PDXK	2.674E+09	-5.94925
P04818	Thymidylate synthase	TYMS	1.338E+09	-5.93748
P50395	Rab GDP dissociation inhibitor beta	GDI2	1.994E+10	-5.93288
P18669	Phosphoglycerate mutase 1	PGAM1	2.602E+10	-5.92665
Q16719	Kynureninase	KYNU	5.437E+09	-5.91348
Q92783	Signal transducing adapter molecule 1	STAM	826190000	-5.90976
P37802	Transgelin-2	TAGLN2	1.087E+10	-5.89213
P04632	Calpain small subunit 1	CAPNS1	1.701E+09	-5.88005
Q92890	Ubiquitin fusion degradation protein 1 homolog	UFD1L	881570000	-5.87193
O94915	Protein furry homolog-like	FRYL	427850000	-5.87187
P30041	Peroxiredoxin-6	PRDX6	1.716E+10	-5.8699
P23381	Tryptophan--tRNA ligase, cytoplasmic;T1-TrpRS;T2	WARS	4.377E+09	-5.80152
P12111	Collagen alpha-3(VI) chain	COL6A3	3.735E+09	-5.78699
P48637	Glutathione synthetase	GSS	2.745E+09	-5.77231
P41567	Eukaryotic translation initiation factor 1	EIF1	5.709E+09	-5.74382
Q15631	Translin	TSN	3.06E+09	-5.72499
P37268	Squalene synthase	FDFT1	211630000	-5.69598
P47895	Aldehyde dehydrogenase family 1 member A3	ALDH1A3	3.767E+09	-5.69082
Q13217	DnaJ homolog subfamily C member 3	DNAJC3	811060000	-5.66959
O14786	Neuropilin-1	NRP1	1.045E+09	-5.66309
O95747	Serine/threonine-protein kinase OSR1	OXSR1	1.413E+09	-5.66303
Q9HCJ6	Synaptic vesicle membrane protein VAT-1 homolog	VAT1L	1.053E+09	-5.61033
O15144	Actin-related protein 2/3 complex subunit 2	ARPC2	4.326E+09	-5.56927
P06737	Glycogen phosphorylase, liver form	PYGL	2.834E+09	-5.56067
Q9H299	SH3 domain-binding glutamic acid-rich-like protein SH3BGRL3		2.792E+09	-5.54732
Q12765	Secernin-1	SCRN1	822210000	-5.5381
Q9POV9	Septin-10		Sep-10 275630000	-5.5188
Q15181	Inorganic pyrophosphatase	PPA1	1.062E+10	-5.51229



P50552	Vasodilator-stimulated phosphoprotein	VASP	852320000	-5.48646
Q96G03	Phosphoglucomutase-2	PGM2	852710000	-5.48498
P29401	Transketolase	TKT	1.925E+10	-5.43525
P23526	Adenosylhomocysteinase	AHCY	1.277E+10	-5.43371
O00186	Syntaxin-binding protein 3	STXBP3	431360000	-5.42454
Q6IN85	Serine/threonine-protein phosphatase 4 regulator	SMEK1	567910000	-5.41697
Q04828	Aldo-keto reductase family 1 member C1	AKR1C1	6.001E+09	-5.4083
P09601	Heme oxygenase 1	HMOX1	1.131E+09	-5.40791
P11216	Glycogen phosphorylase, brain form	PYGB	2.41E+09	-5.39404
Q9NTX5	Ethylmalonyl-CoA decarboxylase	ECHDC1	1.383E+09	-5.38822
P53396	ATP-citrate synthase	ACLY	3.427E+10	-5.38082
O00193	Small acidic protein	SMAP	629130000	-5.37521
O75937	DnaJ homolog subfamily C member 8	DNAJC8	2.324E+09	-5.34409
P30085	UMP-CMP kinase	CMPK1	2.244E+09	-5.34119
Q14320	Protein FAM50A	FAM50A	836330000	-5.3406
P08133	Annexin A6	ANXA6	6.974E+09	-5.33632
Q92945	Far upstream element-binding protein 2	KHSRP	4.442E+09	-5.33605
P15531	Nucleoside diphosphate kinase A	NME1	8.223E+09	-5.33167
P61011	Signal recognition particle 54 kDa protein	SRP54	2.449E+09	-5.32282
P41250	Glycine--tRNA ligase	GARS	7.214E+09	-5.322
O75131	Copine-3	CPNE3	1.285E+09	-5.3164
P61081	NEDD8-conjugating enzyme Ubc12	UBE2M	1.016E+09	-5.30307
P52209	6-phosphogluconate dehydrogenase, decarboxylat	PGD	9.187E+09	-5.30284
P48739	Phosphatidylinositol transfer protein beta isoform	PITPNB	1.217E+09	-5.30061
Q15382	GTP-binding protein Rheb	RHEB	597380000	-5.29531
Q9H3N1	Thioredoxin-related transmembrane protein 1	TMX1	853690000	-5.293
P30044	Peroxiredoxin-5, mitochondrial	PRDX5	3.426E+09	-5.2765
Q9NT62	Ubiquitin-like-conjugating enzyme ATG3	ATG3	1.185E+09	-5.25295
P22314	Ubiquitin-like modifier-activating enzyme 1	UBA1	2.496E+10	-5.2476
O00194	Ras-related protein Rab-27B	RAB27B	828430000	-5.23619
P62820	Ras-related protein Rab-1A	RAB1A	1.047E+10	-5.2212
P11310	Medium-chain specific acyl-CoA dehydrogenase, m	ACADM	2.09E+09	-5.21114
P46926	Glucosamine-6-phosphate isomerase 1	GNPDA1	1.481E+09	-5.20604
P11177	Pyruvate dehydrogenase E1 component subunit b	PDHB	4.025E+09	-5.20138
Q8N3F8	MICAL-like protein 1	MICALL1	532840000	-5.19236
P19174	1-phosphatidylinositol 4,5-bisphosphate phospho	PLCG1	397030000	-5.17757
P18206	Vinculin	VCL	1.316E+10	-5.15376
P09429;B2I	High mobility group protein B1;Putative high mobil	HMGB1;HMGB1P1	3.998E+09	-5.11481
P16949	Stathmin	STMN1	2.775E+09	-5.11409
Q92688	Acidic leucine-rich nuclear phosphoprotein 32 fam	ANP32B	2.191E+09	-5.06884
P00558	Phosphoglycerate kinase 1	PGK1	4.354E+10	-5.06519
Q96AY3	Peptidyl-prolyl cis-trans isomerase FKBP10	FKBP10	641940000	-5.05921
Q14108	Lysosome membrane protein 2	SCARB2	2.129E+09	-5.05342
P17301	Integrin alpha-2	ITGA2	730190000	-5.05272
O60610	Protein diaphanous homolog 1	DIAPH1	1.262E+09	-5.03886
P07195	L-lactate dehydrogenase B chain	LDHB	6.087E+10	-5.02861
P20810	Calpastatin	CAST	2.858E+09	-5.0283
P31948	Stress-induced-phosphoprotein 1	STIP1	1.365E+10	-5.0189
Q00535	Cyclin-dependent-like kinase 5	CDK5	904870000	-4.9743
P14550	Alcohol dehydrogenase [NADP(+)]	AKR1A1	3.088E+09	-4.96225

O00499	Myc box-dependent-interacting protein 1	BIN1	563560000	-4.95715
P36507	Dual specificity mitogen-activated protein kinase k	MAP2K2	1.24E+09	-4.92513
O15118	Niemann-Pick C1 protein	NPC1	1.545E+09	-4.92369
Q13439	Golgin subfamily A member 4	GOLGA4	370350000	-4.91854
P48960	CD97 antigen;CD97 antigen subunit alpha;CD97 an	CD97	397850000	-4.89356
Q15185	Prostaglandin E synthase 3	PTGES3	1.949E+09	-4.8777
Q8N766	ER membrane protein complex subunit 1	EMC1	1.478E+09	-4.86999
Q9NY33	Dipeptidyl peptidase 3	DPP3	2.286E+09	-4.83205
Q16576	Histone-binding protein RBBP7	RBBP7	1.535E+09	-4.83044
Q9NR31	GTP-binding protein SAR1a	SAR1A	3.509E+09	-4.82834
Q15691	Microtubule-associated protein RP/EB family mem	MAPRE1	5.456E+09	-4.82389
P51148	Ras-related protein Rab-5C	RAB5C	4.365E+09	-4.8125
Q9NRW7	Vacuolar protein sorting-associated protein 45	VPS45	982200000	-4.81038
P09972	Fructose-bisphosphate aldolase C	ALDOC	6.455E+09	-4.80305
P20020	Plasma membrane calcium-transporting ATPase 1	ATP2B1	1.1E+09	-4.78968
Q8IWW6	Rho GTPase-activating protein 12	ARHGAP12	114990000	-4.77578
P07737	Profilin-1	PFN1	3.953E+10	-4.77432
O60701	UDP-glucose 6-dehydrogenase	UGDH	2.427E+09	-4.77428
Q9UBB4	Ataxin-10	ATXN10	946180000	-4.74587
P23919	Thymidylate kinase	DTYMK	1.358E+09	-4.73761
P04083	Annexin A1	ANXA1	1.146E+11	-4.73363
O43865	Putative adenosylhomocysteinase 2	AHCYL1	395110000	-4.72158
Q01518	Adenylyl cyclase-associated protein 1	CAP1	1.082E+10	-4.71224
O00429	Dynamin-1-like protein	DNM1L	3.955E+09	-4.71217
P16070	CD44 antigen	CD44	3.429E+09	-4.70581
P26885	Peptidyl-prolyl cis-trans isomerase FKBP2	FKBP2	936440000	-4.69129
Q6IBS0	Twinfilin-2	TWF2	3.029E+09	-4.68635
Q13637	Ras-related protein Rab-32	RAB32	483930000	-4.67668
Q9NZM1	Myoferlin	MYOF	4.735E+09	-4.6746
Q08257	Quinone oxidoreductase	CRYZ	1.604E+09	-4.67431
Q8NBJ5	Procollagen galactosyltransferase 1	COLGALT1	689010000	-4.67425
O94804	Serine/threonine-protein kinase 10	STK10	154860000	-4.66536
Q13098	COP9 signalosome complex subunit 1	GPS1	1.389E+09	-4.65456
P55145	Mesencephalic astrocyte-derived neurotrophic fac	MANF	1.698E+09	-4.64859
O00469	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	PLOD2	1.211E+09	-4.63555
Q96I99	Succinyl-CoA ligase [GDP-forming] subunit beta, m	SUCLG2	2.209E+09	-4.62718
Q8WUM4	Programmed cell death 6-interacting protein	PDCD6IP	7.906E+09	-4.6212
O76003	Glutaredoxin-3	GLRX3	5.337E+09	-4.59833
P36871	Phosphoglucomutase-1	PGM1	4.057E+09	-4.59084
P30048	Thioredoxin-dependent peroxide reductase, mitoc	PRDX3	2.892E+09	-4.58698
P99999	Cytochrome c	CYCS	8.665E+09	-4.57955
P04080	Cystatin-B	CSTB	3.623E+09	-4.56674
Q9H2M9	Rab3 GTPase-activating protein non-catalytic subu	RAB3GAP2	522760000	-4.56535
Q99615	DnaJ homolog subfamily C member 7	DNAJC7	1.322E+09	-4.56179
Q8TEX9	Importin-4	IPO4	3.558E+09	-4.55321
P48735	Isocitrate dehydrogenase [NADP], mitochondrial	IDH2	2.251E+09	-4.54768
P38606	V-type proton ATPase catalytic subunit A	ATP6V1A	5.357E+09	-4.54341
P46734	Dual specificity mitogen-activated protein kinase k	MAP2K3	370110000	-4.53675
O60869	Endothelial differentiation-related factor 1	EDF1	760850000	-4.53417
P61923	Coatomer subunit zeta-1	COPZ1	1.009E+09	-4.52907

P50570	Dynammin-2	DNM2	3.451E+09	-4.5274
P49755	Transmembrane emp24 domain-containing protein	TMED10	5.648E+09	-4.5265
P10768	S-formylglutathione hydrolase	ESD	1.984E+09	-4.51296
P08134	Rho-related GTP-binding protein RhoC	RHOC	95490000	-4.51256
Q7Z6Z7	E3 ubiquitin-protein ligase HUWE1	HUWE1	3.315E+09	-4.5095
P30101	Protein disulfide-isomerase A3	PDIA3	2.708E+10	-4.48902
P60174	Triosephosphate isomerase	TPI1	8.067E+10	-4.48844
O75663	TIP41-like protein	TIPRL	1.456E+09	-4.48349
Q15056	Eukaryotic translation initiation factor 4H	EIF4H	4.547E+09	-4.48021
Q12792	Twinfilin-1	TWF1	1.458E+09	-4.47528
O15145	Actin-related protein 2/3 complex subunit 3	ARPC3	2.052E+09	-4.46813
Q14232	Translation initiation factor eIF-2B subunit alpha	EIF2B1	844020000	-4.46227
Q9BT78	COP9 signalosome complex subunit 4	COPS4	973670000	-4.45671
P33121	Long-chain-fatty-acid--CoA ligase 1	ACSL1	386230000	-4.45537
P17812	CTP synthase 1	CTPS1	6.296E+09	-4.45501
O75390	Citrate synthase, mitochondrial	CS	1.426E+10	-4.4406
P00338	L-lactate dehydrogenase A chain	LDHA	9.252E+10	-4.43821
Q8WW12	PEST proteolytic signal-containing nuclear protein	PCNP	617310000	-4.42502
Q13492	Phosphatidylinositol-binding clathrin assembly protein	PICALM	601810000	-4.4213
Q07960	Rho GTPase-activating protein 1	ARHGAP1	3.902E+09	-4.42007
P51812	Ribosomal protein S6 kinase alpha-3	RPS6KA3	1.173E+09	-4.41837
P61158	Actin-related protein 3	ACTR3	5.246E+09	-4.40197
P15121	Aldose reductase	AKR1B1	8.691E+09	-4.39534
P09622	Dihydropyridin dehydrogenase, mitochondrial	DLD	2.112E+09	-4.39425
Q15758	Neutral amino acid transporter B(0)	SLC1A5	1.837E+09	-4.37978
P19367	Hexokinase-1	HK1	1.217E+10	-4.37424
P14625	Endoplasmic reticulum chaperone protein	HSP90B1	4.314E+10	-4.36557
Q9HDC9	Adipocyte plasma membrane-associated protein	APMAP	1.362E+09	-4.34251
Q9UBT2	SUMO-activating enzyme subunit 2	UBA2	3.422E+09	-4.33941
P08758	Annexin A5	ANXA5	5.775E+10	-4.33089
Q9NR45	Sialic acid synthase	NANS	1.781E+09	-4.32673
P35237	Serpin B6	SERPINB6	1.618E+09	-4.32501
P37837	Transaldolase	TALDO1	3.515E+09	-4.32388
Q13177	Serine/threonine-protein kinase PAK 2;PAK-2p27;F PAK2	PAK2	1.475E+09	-4.314
P49321	Nuclear autoantigenic sperm protein	NASP	4.607E+09	-4.30439
Q70E73	Ras-associated and pleckstrin homology domains-containing protein	RAPH1	222330000	-4.30406
P29144	Tripeptidyl-peptidase 2	TPP2	1.104E+09	-4.30023
P33991	DNA replication licensing factor MCM4	MCM4	7.06E+09	-4.29078
Q9UNZ2	NSFL1 cofactor p47	NSFL1C	912730000	-4.28765
O00299	Chloride intracellular channel protein 1	CLIC1	8.35E+09	-4.25185
Q9H3S7	Tyrosine-protein phosphatase non-receptor type 2	PTPN23	715300000	-4.24738
P00491	Purine nucleoside phosphorylase	PNP	5.641E+09	-4.24285
Q16836	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	HADH	2.802E+09	-4.24259
P13797	Plastin-3	PLS3	1.108E+10	-4.23319
O75717	WD repeat and HMG-box DNA-binding protein 1	WDHD1	822040000	-4.23254
P54920	Alpha-soluble NSF attachment protein	NAPA	1.475E+09	-4.22981
Q8TC12	Retinol dehydrogenase 11	RDH11	1.085E+09	-4.22768
P51149	Ras-related protein Rab-7a	RAB7A	5.376E+09	-4.2232
P07355;A6I	Annexin A2;Putative annexin A2-like protein	ANXA2;ANXA2P2	6.979E+10	-4.21844
P06703	Protein S100-A6	S100A6	469620000	-4.21837

P54819	Adenylate kinase 2, mitochondrial;Adenylate kinas AK2		3.032E+09	-4.20613
P23921	Ribonucleoside-diphosphate reductase large subunit RRM1		1.75E+09	-4.20428
P13693	Translationally-controlled tumor protein	TPT1	8.013E+09	-4.20385
Q13620	Cullin-4B	CUL4B	1.882E+09	-4.19271
Q9HC35	Echinoderm microtubule-associated protein-like 4	EML4	799120000	-4.18886
P22102	Trifunctional purine biosynthetic protein adenosine GART		8.464E+09	-4.18484
P40926	Malate dehydrogenase, mitochondrial	MDH2	2.487E+10	-4.1747
P40925	Malate dehydrogenase, cytoplasmic	MDH1	8.917E+09	-4.16784
O15498	Synaptobrevin homolog YKT6	YKT6	583660000	-4.16748
P46939	Utrophin	UTRN	535060000	-4.16267
Q12931	Heat shock protein 75 kDa, mitochondrial	TRAP1	4.923E+09	-4.16255
Q13057	Bifunctional coenzyme A synthase;Phosphopantetheinyl COASY		1.125E+09	-4.14733
O43681	ATPase ASNA1	ASNA1	1.872E+09	-4.14513
Q99714	3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	8.081E+09	-4.14173
Q92879	CUGBP Elav-like family member 1	CELF1	649190000	-4.13826
Q16555	Dihydropyrimidinase-related protein 2	DPYSL2	9.799E+09	-4.12942
Q01105	Protein SET	SET	1.15E+10	-4.12471
O00116	Alkyl-dihydroxyacetonephosphate synthase, peroxisomal AGPS		1.141E+09	-4.12441
Q9P2R3	Rabankyrin-5	ANKFY1	918880000	-4.12122
P61201	COP9 signalosome complex subunit 2	COPS2	1.978E+09	-4.1177
O14745	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	403760000	-4.11566
Q14195	Dihydropyrimidinase-related protein 3	DPYSL3	2.334E+09	-4.0995
P21281	V-type proton ATPase subunit B, brain isoform	ATP6V1B2	2.418E+09	-4.08246
Q9P2I0	Cleavage and polyadenylation specificity factor subunit CPSF2		414220000	-4.07408
Q92520	Protein FAM3C	FAM3C	621480000	-4.06964
P62937	Peptidyl-prolyl cis-trans isomerase A;Peptidyl-prolyl isomerase PPIA		5.398E+10	-4.06841
Q96HE7	ERO1-like protein alpha	ERO1L	3.228E+09	-4.06431
P45974	Ubiquitin carboxyl-terminal hydrolase 5	USP5	6.731E+09	-4.05964
Q9H553	Alpha-1,3/1,6-mannosyltransferase ALG2	ALG2	228400000	-4.05523
P41214	Eukaryotic translation initiation factor 2D	EIF2D	462520000	-4.05226
Q9H3K6	BOLA-like protein 2	BOLA2	922480000	-4.05141
Q9NX40	OCIA domain-containing protein 1	OCIAD1	744330000	-4.05044
P52565	Rho GDP-dissociation inhibitor 1	ARHGDI1	1.175E+10	-4.04593
O14976	Cyclin-G-associated kinase	GAK	285730000	-4.0265
P51610	Host cell factor 1;HCF N-terminal chain 1;HCF N-terminal HCFC1		1.579E+09	-4.02442
P13667	Protein disulfide-isomerase A4	PDIA4	1.553E+10	-4.01938
Q96KP4	Cytosolic non-specific dipeptidase	CNDP2	1.721E+09	-4.01513
P26639	Threonine--tRNA ligase, cytoplasmic	TARS	6.358E+09	-4.0147
P46109	Crk-like protein	CRKL	1.551E+09	-4.01014
Q9Y2V2	Calcium-regulated heat stable protein 1	CARHSP1	636030000	-4.0048
Q6UB35	Monofunctional C1-tetrahydrofolate synthase, mitochondrial MTHFD1L		1.035E+09	-4.0012
Q14847	LIM and SH3 domain protein 1	LASP1	2.142E+09	-3.98465
Q9H0U4	Ras-related protein Rab-1B	RAB1B	2.498E+09	-3.98299
Q86XL3	Ankyrin repeat and LEM domain-containing protein ANKLE2		173000000	-3.982
P49748	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial ACADVL		3.157E+09	-3.98102
P39748	Flap endonuclease 1	FEN1	4.392E+09	-3.97409
Q86VP6	Cullin-associated NEDD8-dissociated protein 1	CAND1	9.525E+09	-3.94897
Q9BSF4	Uncharacterized protein C19orf52	C19orf52	302400000	-3.9443
P05556	Integrin beta-1	ITGB1	5.518E+09	-3.932
P14618	Pyruvate kinase PKM	PKM	2.043E+11	-3.92699

O75521	Enoyl-CoA delta isomerase 2, mitochondrial	ECI2	1.013E+09	-3.92571
Q96EK9	Protein KTI12 homolog	KTI12	206690000	-3.91627
Q6DD88	Atlantin-3	ATL3	2.858E+09	-3.91529
P27361	Mitogen-activated protein kinase 3	MAPK3	1.699E+09	-3.91279
Q9Y3B3	Transmembrane emp24 domain-containing protein	TMED7	163510000	-3.90994
Q709C8	Vacuolar protein sorting-associated protein 13C	VPS13C	143710000	-3.90364
Q9UBF2	Coatomer subunit gamma-2	COPG2	1.093E+09	-3.90278
Q9NQW6	Actin-binding protein anillin	ANLN	169360000	-3.88975
P04075	Fructose-bisphosphate aldolase A	ALDOA	5.843E+10	-3.88923
P07099	Epoxide hydrolase 1	EPHX1	2.001E+09	-3.88224
O60763	General vesicular transport factor p115	USO1	3.61E+09	-3.86852
Q13085	Acetyl-CoA carboxylase 1;Biotin carboxylase	ACACA	508400000	-3.86044
Q93008	Probable ubiquitin carboxyl-terminal hydrolase FAI	USP9X	1.516E+09	-3.85834
Q5VYK3	Proteasome-associated protein ECM29 homolog	ECM29	3.122E+09	-3.85314
Q9BZZ5	Apoptosis inhibitor 5	API5	1.818E+09	-3.85103
Q9Y490	Talin-1	TLN1	4.636E+10	-3.85041
P60903	Protein S100-A10	S100A10	904620000	-3.84814
P54578	Ubiquitin carboxyl-terminal hydrolase 14	USP14	2.43E+09	-3.83602
P61604	10 kDa heat shock protein, mitochondrial	HSPE1	4.234E+09	-3.8312
P34932	Heat shock 70 kDa protein 4	HSPA4	1.613E+10	-3.81425
Q14697	Neutral alpha-glucosidase AB	GANAB	1.779E+10	-3.81384
P22307	Non-specific lipid-transfer protein	SCP2	753750000	-3.80753
P36776	Lon protease homolog, mitochondrial	LONP1	8.144E+09	-3.7876
P13861	cAMP-dependent protein kinase type II-alpha regu	PRKAR2A	1.83E+09	-3.77454
Q07954	Prolow-density lipoprotein receptor-related protei	LRP1	3.399E+09	-3.77177
Q13033	Striatin-3	STRN3	449430000	-3.76837
Q96AC1	Fermitin family homolog 2	FERMT2	1.312E+09	-3.76831
P18754	Regulator of chromosome condensation	RCC1	628420000	-3.76705
P24928	DNA-directed RNA polymerase II subunit RPB1	POLR2A	350190000	-3.72101
Q9UI09	NADH dehydrogenase [ubiquinone] 1 alpha subcor	NDUFA12	429480000	-3.71784
Q02790	Peptidyl-prolyl cis-trans isomerase FKBP4;Peptidyl- FKBP4		4.696E+09	-3.71465
Q16831	Uridine phosphorylase 1	UPP1	188990000	-3.70934
O94826	Mitochondrial import receptor subunit TOM70	TOMM70A	1.737E+09	-3.70411
Q96KB5	Lymphokine-activated killer T-cell-originated prote	PBK	276310000	-3.70159
Q99829	Copine-1	CPNE1	2.896E+09	-3.66665
Q9UBW8	COP9 signalosome complex subunit 7a	COPS7A	758500000	-3.66545
P60953	Cell division control protein 42 homolog	CDC42	1.196E+09	-3.66395
O14964	Hepatocyte growth factor-regulated tyrosine kinas	HGS	815260000	-3.66178
P51452	Dual specificity protein phosphatase 3	DUSP3	822690000	-3.65793
P00505	Aspartate aminotransferase, mitochondrial	GOT2	5.033E+09	-3.65437
Q15942	Zyxin	ZYX	2.511E+09	-3.65319
P35613	Basigin	BSG	3.045E+09	-3.6503
P17931	Galectin-3	LGALS3	160130000	-3.64963
Q01085	Nucleolysin TIAR	TIAL1	603170000	-3.64962
P06733	Alpha-enolase	ENO1	1.599E+11	-3.64063
Q00688	Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	1.2E+09	-3.6328
Q9Y696	Chloride intracellular channel protein 4	CLIC4	3.143E+09	-3.63266
P54727	UV excision repair protein RAD23 homolog B	RAD23B	1.892E+09	-3.63194
P15170	Eukaryotic peptide chain release factor GTP-bindin	GSPT1	2.632E+09	-3.63126
Q9BUL8	Programmed cell death protein 10	PDCD10	782200000	-3.62834

Q6UWE0	E3 ubiquitin-protein ligase LRSAM1	LRSAM1	217520000	-3.62804
Q9H1E3	Nuclear ubiquitous casein and cyclin-dependent ki	NUCKS1	1.291E+09	-3.62784
P49023	Paxillin	PXN	1.915E+09	-3.6267
Q05682	Caldesmon	CALD1	1.492E+09	-3.62199
Q16658	Fascin	FSCN1	4.039E+09	-3.61437
O43156	TELO2-interacting protein 1 homolog	TTI1	288310000	-3.60957
Q92905	COP9 signalosome complex subunit 5	COP55	1.015E+09	-3.597
P54886	Delta-1-pyrroline-5-carboxylate synthase;Glutama	ALDH18A1	2.718E+09	-3.58144
P21283	V-type proton ATPase subunit C 1	ATP6V1C1	935790000	-3.57845
P61077	Ubiquitin-conjugating enzyme E2 D3	UBE2D3	719010000	-3.5746
P50851	Lipopolysaccharide-responsive and beige-like anch	LRBA	307710000	-3.57065
O00410	Importin-5	IPO5	1.608E+10	-3.5706
P07900	Heat shock protein HSP 90-alpha	HSP90AA1	1.158E+11	-3.56944
Q15437	Protein transport protein Sec23B	SEC23B	754660000	-3.56437
P12110	Collagen alpha-2(VI) chain	COL6A2	411710000	-3.56349
Q04917	14-3-3 protein eta	YWHAH	3.102E+09	-3.55367
Q7Z460	CLIP-associating protein 1	CLASP1	267260000	-3.55123
P22392;O6	Nucleoside diphosphate kinase B;Putative nucleosi	NME2;NME2P1	2.413E+10	-3.55119
P01911	HLA class II histocompatibility antigen, DRB1-15 be	HLA-DRB1	387830000	-3.54149
P34897	Serine hydroxymethyltransferase, mitochondrial	SHMT2	6.545E+09	-3.53403
Q96QK1	Vacuolar protein sorting-associated protein 35	VPS35	5.34E+09	-3.51499
P11717	Cation-independent mannose-6-phosphate recept	IGF2R	911840000	-3.50321
Q9NYA1	Sphingosine kinase 1	SPHK1	96197000	-3.49605
Q3KQV9	UDP-N-acetylhexosamine pyrophosphorylase-like	UAP1L1	1.15E+09	-3.47845
P30086	Phosphatidylethanolamine-binding protein 1;Hippi	PEBP1	8.565E+09	-3.4688
P31946	14-3-3 protein beta/alpha;14-3-3 protein beta/alpl	YWHAH	1.001E+10	-3.4528
P08473	Neprilysin	MME	181880000	-3.45134
O95197	Reticulon-3	RTN3	429120000	-3.44708
Q16851	UTP--glucose-1-phosphate uridylyltransferase	UGP2	2.5E+09	-3.4379
Q92734	Protein TFG	TFG	1.056E+09	-3.4336
Q9NUP9	Protein lin-7 homolog C	LIN7C	199710000	-3.4326
Q9Y2B0	Protein canopy homolog 2	CNPY2	1.089E+09	-3.43254
P48509	CD151 antigen	CD151	85623000	-3.42826
Q9BXJ9	N-alpha-acetyltransferase 15, NatA auxiliary subun	NAA15	3.332E+09	-3.4262
Q15365	Poly(rC)-binding protein 1	PCBP1	1.4E+10	-3.41873
O95456	Proteasome assembly chaperone 1	PSMG1	497360000	-3.41864
Q9BSJ8	Extended synaptotagmin-1	ESYT1	5.149E+09	-3.40915
P26006	Integrin alpha-3;Integrin alpha-3 heavy chain;Integ	ITGA3	3.172E+09	-3.40762
O43719	HIV Tat-specific factor 1	HTATSF1	768340000	-3.40605
Q15084	Protein disulfide-isomerase A6	PDIA6	1.397E+10	-3.4041
P12004	Proliferating cell nuclear antigen	PCNA	7.717E+09	-3.39364
Q04323	UBX domain-containing protein 1	UBXN1	1.111E+09	-3.39269
Q8N1G4	Leucine-rich repeat-containing protein 47	LRRC47	624940000	-3.38966
O00232	26S proteasome non-ATPase regulatory subunit 12	PSMD12	7.525E+09	-3.37452
O15143	Actin-related protein 2/3 complex subunit 1B	ARPC1B	1.234E+09	-3.37413
Q9NVD7	Alpha-parvin	PARVA	693800000	-3.37376
P13639	Elongation factor 2	EEF2	1.124E+11	-3.36408
O95433	Activator of 90 kDa heat shock protein ATPase hon	AHSA1	7.859E+09	-3.36086
Q9HA77	Probable cysteine--tRNA ligase, mitochondrial	CARS2	726290000	-3.35853
P50454	Serpin H1	SERPINH1	6.178E+09	-3.35636

P61026	Ras-related protein Rab-10	RAB10	1.961E+09	-3.34233
P08243	Asparagine synthetase [glutamine-hydrolyzing]	ASNS	1.932E+09	-3.33939
Q9BSH4	Translational activator of cytochrome c oxidase 1	TACO1	823850000	-3.33878
P27797	Calreticulin	CALR	3.09E+10	-3.33278
Q14C86	GTPase-activating protein and VPS9 domain-contai	GAPVD1	1.111E+09	-3.31002
P49189	4-trimethylaminobutyraldehyde dehydrogenase	ALDH9A1	804540000	-3.30978
Q96C19	EF-hand domain-containing protein D2	EFHD2	697240000	-3.30788
P46459	Vesicle-fusing ATPase	NSF	2.724E+09	-3.30651
P13073	Cytochrome c oxidase subunit 4 isoform 1, mitoch	COX4I1	2.03E+09	-3.29809
O75116	Rho-associated protein kinase 2	ROCK2	482810000	-3.2961
P27348	14-3-3 protein theta	YWHAQ	6.911E+09	-3.29423
Q7Z3B4	Nucleoporin p54	NUP54	330960000	-3.28797
Q14247	Src substrate cortactin	CTTN	5.813E+09	-3.28778
Q9UNS2	COP9 signalosome complex subunit 3	COPS3	1.39E+09	-3.28769
Q99832	T-complex protein 1 subunit eta	CCT7	1.805E+10	-3.27878
P13473	Lysosome-associated membrane glycoprotein 2	LAMP2	1.466E+09	-3.27688
Q2M2I8	AP2-associated protein kinase 1	AAK1	283270000	-3.27452
P00492	Hypoxanthine-guanine phosphoribosyltransferase	HPRT1	5.031E+09	-3.27374
P22234	Multifunctional protein ADE2;Phosphoribosylamin	PAICS	9.656E+09	-3.26723
P10155	60 kDa SS-A/Ro ribonucleoprotein	TROVE2	1.224E+09	-3.26712
Q9BVK6	Transmembrane emp24 domain-containing protei	TMED9	1.273E+09	-3.26621
Q96TA1	Niban-like protein 1	FAM129B	7.402E+09	-3.26496
Q9BZQ8	Protein Niban	FAM129A	3.284E+09	-3.2616
P61758	Prefoldin subunit 3	VBP1	2.1E+09	-3.25849
P27824	Calnexin	CANX	1.215E+10	-3.25764
Q9Y6D5	Brefeldin A-inhibited guanine nucleotide-exchange	ARFGEF2	449220000	-3.25274
P61163	Alpha-centractin	ACTR1A	6.007E+09	-3.24707
Q9HB71	Calcyclin-binding protein	CACYBP	5.409E+09	-3.24545
O95801	Tetratricopeptide repeat protein 4	TTC4	436710000	-3.24207
O43432	Eukaryotic translation initiation factor 4 gamma 3	EIF4G3	342700000	-3.24165
P61019	Ras-related protein Rab-2A	RAB2A	2.573E+09	-3.23828
Q00765	Receptor expression-enhancing protein 5	REEP5	510290000	-3.23823
P49419	Alpha-aminoacidic semialdehyde dehydrogenase	ALDH7A1	1.889E+09	-3.22945
Q9H4A3	Serine/threonine-protein kinase WNK1	WNK1	261730000	-3.22821
Q13526	Peptidyl-prolyl cis-trans isomerase NIMA-interactir	PIN1	744220000	-3.22436
P62826	GTP-binding nuclear protein Ran	RAN	1.095E+10	-3.22231
P39687	Acidic leucine-rich nuclear phosphoprotein 32 fam	ANP32A	2.368E+09	-3.21397
O75915	PRA1 family protein 3	ARL6IP5	2.568E+09	-3.21345
Q8NBS9	Thioredoxin domain-containing protein 5	TXNDC5	3.814E+09	-3.20303
P35658	Nuclear pore complex protein Nup214	NUP214	358270000	-3.19995
P54709	Sodium/potassium-transporting ATPase subunit bε	ATP1B3	3.26E+09	-3.19926
P50995	Annexin A11	ANXA11	519530000	-3.19693
P61088;Q5	Ubiquitin-conjugating enzyme E2 N;Putative ubiqu	UBE2N;UBE2NL	687430000	-3.19643
Q9NTK5	Obg-like ATPase 1	OLA1	5.392E+09	-3.19336
Q15642	Cdc42-interacting protein 4	TRIP10	622610000	-3.18586
Q86VS8	Protein Hook homolog 3	HOOK3	505230000	-3.18107
P13798	Acylamino-acid-releasing enzyme	APEH	2.097E+09	-3.17422
Q7KZF4	Staphylococcal nuclease domain-containing protei	SND1	1.317E+10	-3.17234
O95299	NADH dehydrogenase [ubiquinone] 1 alpha subcor	NDUFA10	1.47E+09	-3.15975
Q56VL3	OCIA domain-containing protein 2	OCIAD2	1.463E+09	-3.15742

Q9Y2W2	WW domain-binding protein 11	WBP11	335590000	-3.15513
P20337	Ras-related protein Rab-3B	RAB3B	1.043E+09	-3.15365
P61586	Transforming protein RhoA	RHOA	2.585E+09	-3.15324
P84077;P6	ADP-ribosylation factor 1;ADP-ribosylation factor 3	ARF1;ARF3	1.547E+10	-3.14319
Q15366	Poly(rC)-binding protein 2	PCBP2	8.295E+09	-3.14102
P08754	Guanine nucleotide-binding protein G(k) subunit alpha	GNAI3	1.473E+09	-3.13951
P07237	Protein disulfide-isomerase	P4HB	2.8E+10	-3.13384
O15355	Protein phosphatase 1G	PPM1G	2.117E+09	-3.12565
P55809	Succinyl-CoA:3-ketoacid coenzyme A transferase 1	OXCT1	2.458E+09	-3.12403
Q16799	Reticulon-1	RTN1	313620000	-3.12044
Q9NYU2	UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	3.67E+09	-3.10907
O75083	WD repeat-containing protein 1	WDR1	9.679E+09	-3.10899
P08238	Heat shock protein HSP 90-beta	HSP90AB1	6.076E+10	-3.10136
O43847	Nardilysin	NRD1	701660000	-3.08654
P38117	Electron transfer flavoprotein subunit beta	ETFB	2.395E+09	-3.08046
P15153	Ras-related C3 botulinum toxin substrate 2	RAC2	1.047E+09	-3.07747
O00154	Cytosolic acyl coenzyme A thioester hydrolase	ACOT7	1.366E+09	-3.066
Q13838	Spliceosome RNA helicase DDX39B	DDX39B	4.81E+09	-3.06181
Q9NWW4	UPF0587 protein C1orf123	C1orf123	507210000	-3.05969
P12081	Histidine--tRNA ligase, cytoplasmic	HARS	3.604E+09	-3.05955
Q9NSE4	Isoleucine--tRNA ligase, mitochondrial	IARS2	1.296E+09	-3.04686
Q5JRX3	Presequence protease, mitochondrial	PITRM1	1.432E+09	-3.04668
Q96FW1	Ubiquitin thioesterase OTUB1	OTUB1	2.188E+09	-3.04443
P00441	Superoxide dismutase [Cu-Zn]	SOD1	2.919E+09	-3.04423
Q86V21	Acetoacetyl-CoA synthetase	AACS	161670000	-3.0425
Q01813	ATP-dependent 6-phosphofructokinase, platelet type	PFKP	7.242E+09	-3.03493
Q9NQC3	Reticulon-4	RTN4	9.273E+09	-3.0319
O60502	Protein O-GlcNAcase	MGEA5	617710000	-3.02967
P08195	4F2 cell-surface antigen heavy chain	SLC3A2	1.812E+09	-3.02929
Q9Y2L1	Exosome complex exonuclease RRP44	DIS3	2.033E+09	-3.02317
P61160	Actin-related protein 2	ACTR2	3.611E+09	-3.01803
Q92973	Transportin-1	TNPO1	3.247E+09	-3.0157
Q9H2U2	Inorganic pyrophosphatase 2, mitochondrial	PPA2	1.152E+09	-3.01543
P61106	Ras-related protein Rab-14	RAB14	1.226E+09	-3.01502
Q7L5N1	COP9 signalosome complex subunit 6	COPS6	970130000	-3.01423
Q15006	ER membrane protein complex subunit 2	EMC2	936910000	-3.00722
Q9BQ52	Zinc phosphodiesterase ELAC protein 2	ELAC2	774340000	-2.99696
Q8TCT9	Minor histocompatibility antigen H13	HM13	1.703E+09	-2.99045
P33316	Deoxyuridine 5-triphosphate nucleotidohydrolase, DUT		4.022E+09	-2.98642
O75306	NADH dehydrogenase [ubiquinone] iron-sulfur protein	NDUFS2	1.612E+09	-2.98605
Q15907;P6	Ras-related protein Rab-11B;Ras-related protein Rab-11A	RAB11B;RAB11A	2.22E+09	-2.98084
P36551	Oxygen-dependent coproporphyrinogen-III oxidase	CPOX	977030000	-2.97767
O60499	Syntaxin-10	STX10	161540000	-2.97667
P28340	DNA polymerase delta catalytic subunit	POLD1	635050000	-2.9756
Q9UKF6	Cleavage and polyadenylation specificity factor subunit 3	CPSF3	1.023E+09	-2.96998
Q9Y5X1	Sorting nexin-9	SNX9	388290000	-2.95908
Q9P289	Serine/threonine-protein kinase 26	STK26	761070000	-2.95624
Q92544	Transmembrane 9 superfamily member 4	TM9SF4	1.445E+09	-2.94598
P08559	Pyruvate dehydrogenase E1 component subunit alpha	PDHA1	2.225E+09	-2.93253
P18564	Integrin beta-6	ITGB6	459750000	-2.93021



Q08378	Golgin subfamily A member 3	GOLGA3	413040000	-2.9265
P84085	ADP-ribosylation factor 5	ARF5	7.25E+09	-2.92396
Q8IZP0	Abl interactor 1	ABI1	456600000	-2.92367
Q8IVF2	Protein AHNAK2	AHNAK2	1.783E+10	-2.91172
Q9Y2A7	Nck-associated protein 1	NCKAP1	1.242E+09	-2.9058
Q9Y570	Protein phosphatase methylesterase 1	PPME1	619340000	-2.90362
O15397	Importin-8	IPO8	359510000	-2.90222
O95716	Ras-related protein Rab-3D	RAB3D	200160000	-2.8986
O43837	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial	IDH3B	1.75E+09	-2.89145
Q92598	Heat shock protein 105 kDa	HSPH1	6.705E+09	-2.89131
Q13464	Rho-associated protein kinase 1	ROCK1	178150000	-2.88576
O00471	Exocyst complex component 5	EXOC5	357890000	-2.88444
O96005	Cleft lip and palate transmembrane protein 1	CLPTM1	448310000	-2.87405
Q9UKK9	ADP-sugar pyrophosphatase	NUDT5	2.154E+09	-2.87352
P31947	14-3-3 protein sigma	SFN	1.395E+09	-2.8715
P08648	Integrin alpha-5;Integrin alpha-5 heavy chain;Integrin alpha-5	ITGA5	1.314E+09	-2.86756
P61221	ATP-binding cassette sub-family E member 1	ABCE1	3.726E+09	-2.86695
O60749	Sorting nexin-2	SNX2	1.373E+09	-2.86605
Q9NV70	Exocyst complex component 1	EXOC1	746440000	-2.86184
Q99497	Protein deglycase DJ-1	PARK7	5.959E+09	-2.85716
Q15008	26S proteasome non-ATPase regulatory subunit 6	PSMD6	4.478E+09	-2.85704
Q15436	Protein transport protein Sec23A	SEC23A	3.532E+09	-2.85345
Q9BYC5	Alpha-(1,6)-fucosyltransferase	FUT8	696830000	-2.84959
Q15404	Ras suppressor protein 1	RSU1	2.096E+09	-2.84754
Q13509	Tubulin beta-3 chain	TUBB3	9.973E+09	-2.84446
Q96P70	Importin-9	IPO9	1.291E+09	-2.83393
Q14643	Inositol 1,4,5-trisphosphate receptor type 1	ITPR1	671700000	-2.83172
P50990	T-complex protein 1 subunit theta	CCT8	1.683E+10	-2.82585
Q15020	Squamous cell carcinoma antigen recognized by T-cells	SART3	633770000	-2.82246
P60842	Eukaryotic initiation factor 4A-I	EIF4A1	4.519E+10	-2.82122
Q9UQ80	Proliferation-associated protein 2G4	PA2G4	5.475E+09	-2.81945
Q9UIA9	Exportin-7	XPO7	500690000	-2.81701
Q7Z2W9	39S ribosomal protein L21, mitochondrial	MRPL21	618800000	-2.81472
Q13907	Isopentenyl-diphosphate Delta-isomerase 1	IDI1	741040000	-2.81434
Q9NZL9	Methionine adenosyltransferase 2 subunit beta	MAT2B	1.021E+09	-2.80891
P48444	Coatomer subunit delta	ARCN1	3.371E+09	-2.80748
P17612;P27612	cAMP-dependent protein kinase catalytic subunit gamma	PRKACA;PRKACB	565780000	-2.8036
O15511	Actin-related protein 2/3 complex subunit 5	ARPC5	1.093E+09	-2.79912
O15460	Prolyl 4-hydroxylase subunit alpha-2	P4HA2	1.614E+09	-2.78365
P36405	ADP-ribosylation factor-like protein 3	ARL3	1.948E+09	-2.78197
O75436	Vacuolar protein sorting-associated protein 26A	VPS26A	1.694E+09	-2.77979
Q9BTW9	Tubulin-specific chaperone D	TBCD	1.011E+09	-2.77916
Q9UKS6	Protein kinase C and casein kinase substrate in neurons	PACSIN3	128130000	-2.77798
Q16181	Septin-7		Sep-07 3.075E+09	-2.77591
Q14974	Importin subunit beta-1	KPNB1	2.508E+10	-2.77395
Q9BZG1	Ras-related protein Rab-34	RAB34	266300000	-2.76812
Q9NQW7	Xaa-Pro aminopeptidase 1	XPNPEP1	1.498E+09	-2.765
Q92575	UBX domain-containing protein 4	UBXN4	274270000	-2.76291
P56545	C-terminal-binding protein 2	CTBP2	540190000	-2.75672
Q96S44	TP53-regulating kinase	TP53RK	397330000	-2.75499

P12931	Proto-oncogene tyrosine-protein kinase Src	SRC	189270000	-2.75012
Q9P0L0	Vesicle-associated membrane protein-associated protein 4	VAPA	2.359E+09	-2.74909
Q6ZSR9	Uncharacterized protein FLJ45252		165230000	-2.74468
Q3V6T2	Girdin	CCDC88A	68424000	-2.74262
Q9Y678	Coatamer subunit gamma-1	COPG1	4.188E+09	-2.74114
P59998	Actin-related protein 2/3 complex subunit 4	ARPC4	2.825E+09	-2.73419
P26583	High mobility group protein B2	HMGB2	1.512E+09	-2.73243
P62877	E3 ubiquitin-protein ligase RBX1;E3 ubiquitin-protein ligase RBX1	RBX1	324230000	-2.72691
P63104	14-3-3 protein zeta/delta	YWHAZ	2.642E+10	-2.72465
Q9UKY7	Protein CDV3 homolog	CDV3	1.939E+09	-2.72345
P48643	T-complex protein 1 subunit epsilon	CCT5	2.94E+10	-2.72206
Q9Y6E0	Serine/threonine-protein kinase 24;Serine/threonine-protein kinase 24	STK24	348100000	-2.72126
Q9Y266	Nuclear migration protein nudC	NUDC	3.886E+09	-2.71223
P26640	Valine--tRNA ligase	VAR5	4.847E+09	-2.71112
P13674	Prolyl 4-hydroxylase subunit alpha-1	P4HA1	984730000	-2.70873
Q9NS69	Mitochondrial import receptor subunit TOM22 homolog	TOMM22	919630000	-2.70569
P17980	26S protease regulatory subunit 6A	PSMC3	8.852E+09	-2.69982
O60488	Long-chain-fatty-acid--CoA ligase 4	ACSL4	2.113E+09	-2.69435
P28074	Proteasome subunit beta type-5	PSMB5	3.029E+09	-2.68887
P17987	T-complex protein 1 subunit alpha	TCP1	1.97E+10	-2.66472
P51570	Galactokinase	GALK1	1.018E+09	-2.66051
P04406	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	2.828E+11	-2.65682
P15311	Ezrin	EZR	2.636E+09	-2.65522
P61289	Proteasome activator complex subunit 3	PSME3	3.762E+09	-2.65374
Q9Y547	Intraflagellar transport protein 25 homolog	HSPB11	330070000	-2.65253
Q15738	Sterol-4-alpha-carboxylate 3-dehydrogenase, decanoate	NSDHL	2.071E+09	-2.64808
Q9BTE6	Alanyl-tRNA editing protein Aarsd1	AARSD1	229040000	-2.64655
Q9UPN7	Serine/threonine-protein phosphatase 6 regulator 1	PPP6R1	303470000	-2.644
P12268	Inosine-5-monophosphate dehydrogenase 2	IMPDH2	9.798E+09	-2.64127
Q13557	Calcium/calmodulin-dependent protein kinase type 2 delta	CAMK2D	1.917E+09	-2.63935
P50991	T-complex protein 1 subunit delta	CCT4	2.055E+10	-2.63775
Q99733	Nucleosome assembly protein 1-like 4	NAP1L4	2.747E+09	-2.63668
Q9BXS5	AP-1 complex subunit mu-1	AP1M1	1.339E+09	-2.63386
Q9Y3E0	Vesicle transport protein GOT1B	GOLT1B	388560000	-2.63278
P14324	Farnesyl pyrophosphate synthase	FDPS	792170000	-2.62787
P51153	Ras-related protein Rab-13	RAB13	938640000	-2.62706
P43304	Glycerol-3-phosphate dehydrogenase, mitochondrial	GPD2	2.753E+09	-2.62584
Q96JB5	CDK5 regulatory subunit-associated protein 3	CDK5RAP3	407180000	-2.625
P15309	Prostatic acid phosphatase;PAPf39	ACPP	78529000	-2.618
Q14566	DNA replication licensing factor MCM6	MCM6	5.937E+09	-2.61573
Q13535	Serine/threonine-protein kinase ATR	ATR	93981000	-2.60783
P42224	Signal transducer and activator of transcription 1-alpha	STAT1	2.005E+09	-2.60613
P53582	Methionine aminopeptidase 1	METAP1	168640000	-2.604
Q16543	Hsp90 co-chaperone Cdc37;Hsp90 co-chaperone C	CDC37	5.135E+09	-2.60307
Q9Y5K5	Ubiquitin carboxyl-terminal hydrolase isozyme L5	UCHL5	1.255E+09	-2.60211
Q6UW68	Transmembrane protein 205	TMEM205	400720000	-2.59905
P12955	Xaa-Pro dipeptidase	PEPD	902380000	-2.58646
P09104	Gamma-enolase	ENO2	4.918E+09	-2.58336
P20340	Ras-related protein Rab-6A	RAB6A	2.454E+09	-2.57727
P62495	Eukaryotic peptide chain release factor subunit 1	ETF1	2.821E+09	-2.57397

O14530	Thioredoxin domain-containing protein 9	TXNDC9	209090000	-2.56812
P55084	Trifunctional enzyme subunit beta, mitochondrial;	HADHB	4.022E+09	-2.56537
Q9Y450	HBS1-like protein	HBS1L	764520000	-2.55913
Q9UJZ1	Stomatin-like protein 2, mitochondrial	STOML2	2.951E+09	-2.55605
P00403	Cytochrome c oxidase subunit 2	MT-CO2	4.155E+09	-2.54838
Q9C0C9	E2/E3 hybrid ubiquitin-protein ligase UBE2O	UBE2O	1.126E+09	-2.54389
P17655	Calpain-2 catalytic subunit	CAPN2	1.174E+10	-2.53928
P49327	Fatty acid synthase;[Acyl-carrier-protein] S-acetyl	FASN	3.037E+10	-2.53761
Q9Y3A5	Ribosome maturation protein SBDS	SBDS	534290000	-2.53677
P08240	Signal recognition particle receptor subunit alpha	SRPR	678140000	-2.53386
P08237	ATP-dependent 6-phosphofructokinase, muscle ty	PFKM	2.205E+09	-2.526
Q9Y2Q3	Glutathione S-transferase kappa 1	GSTK1	991040000	-2.5238
Q92947	Glutaryl-CoA dehydrogenase, mitochondrial	GCDH	330040000	-2.52006
O43708	Maleylacetoacetate isomerase	GSTZ1	560620000	-2.51799
Q06210	Glutamine--fructose-6-phosphate aminotransferas	GFPT1	2.354E+09	-2.51786
P78371	T-complex protein 1 subunit beta	CCT2	3.661E+10	-2.51244
P32322	Pyrroline-5-carboxylate reductase 1, mitochondria	PYCR1	492320000	-2.51003
Q15125	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase	EBP	994480000	-2.50684
P36404	ADP-ribosylation factor-like protein 2	ARL2	587170000	-2.50581
Q9HC38	Glyoxalase domain-containing protein 4	GLOD4	2.575E+09	-2.50262
Q58FF8	Putative heat shock protein HSP 90-beta 2	HSP90AB2P	3.706E+09	-2.50096
P62330	ADP-ribosylation factor 6	ARF6	894040000	-2.49757
Q6YN16	Hydroxysteroid dehydrogenase-like protein 2	HSDL2	1.307E+09	-2.49411
O60256	Phosphoribosyl pyrophosphate synthase-associate	PRPSAP2	739940000	-2.48324
Q9UHD8	Septin-9	Sep-09	2.763E+09	-2.47905
P62258	14-3-3 protein epsilon	YWHAE	3.56E+10	-2.47762
P24752	Acetyl-CoA acetyltransferase, mitochondrial	ACAT1	4.656E+09	-2.4766
Q92922	SWI/SNF complex subunit SMARCC1	SMARCC1	295370000	-2.47472
O95163	Elongator complex protein 1	IKBKAP	960260000	-2.47012
P67812	Signal peptidase complex catalytic subunit SEC11A	SEC11A	834860000	-2.46698
Q16531	DNA damage-binding protein 1	DDB1	5.704E+09	-2.46461
P46060	Ran GTPase-activating protein 1	RANGAP1	6.803E+09	-2.46414
P26038	Moesin	MSN	1.745E+10	-2.45913
Q9HAV4	Exportin-5	XPO5	1.623E+09	-2.45865
Q06323	Proteasome activator complex subunit 1	PSME1	2.531E+09	-2.45597
P53618	Coatomer subunit beta	COPB1	7.497E+09	-2.44801
P53634	Dipeptidyl peptidase 1;Dipeptidyl peptidase 1 exclu	CTSC	31981000	-2.44309
Q9NVJ2	ADP-ribosylation factor-like protein 8B	ARL8B	1.109E+09	-2.44192
Q16878	Cysteine dioxygenase type 1	CDO1	118520000	-2.42662
Q96RQ1	Endoplasmic reticulum-Golgi intermediate compar	ERGIC2	239990000	-2.42652
Q9NTZ6	RNA-binding protein 12	RBM12	917440000	-2.4246
Q9UL63	Muskelin	MKLN1	370160000	-2.42248
P21796	Voltage-dependent anion-selective channel proteii	VDAC1	7.212E+09	-2.42117
Q8NFAQ8	Torsin-1A-interacting protein 2	TOR1AIP2	262390000	-2.41949
P04843	Dolichyl-diphosphooligosaccharide--protein glycos	RPN1	1.022E+10	-2.41613
O75874	Isocitrate dehydrogenase [NADP] cytoplasmic	IDH1	2.827E+09	-2.40978
Q15643	Thyroid receptor-interacting protein 11	TRIP11	316530000	-2.40917
P06454	Prothymosin alpha;Prothymosin alpha, N-terminal	PTMA	673670000	-2.39319
P02786	Transferrin receptor protein 1;Transferrin receptor	TFRC	9.354E+09	-2.39236
P23284	Peptidyl-prolyl cis-trans isomerase B	PPIB	7.013E+09	-2.38466

P30153	Serine/threonine-protein phosphatase 2A 65 kDa r	PPP2R1A	8.295E+09	-2.38437
P27816	Microtubule-associated protein 4	MAP4	5.575E+09	-2.38318
Q96EE3	Nucleoporin SEH1	SEH1L	234430000	-2.3831
O76094	Signal recognition particle subunit SRP72	SRP72	2.266E+09	-2.38071
P30040	Endoplasmic reticulum resident protein 29	ERP29	2.232E+09	-2.37981
Q9NYL2	Mitogen-activated protein kinase kinase kinase ML	ZAK	576330000	-2.37978
P18085	ADP-ribosylation factor 4	ARF4	3.103E+09	-2.37966
P49589	Cysteine--tRNA ligase, cytoplasmic	CARS	598850000	-2.37858
Q7L1Q6	Basic leucine zipper and W2 domain-containing pr	BZW1	3.586E+09	-2.37603
Q9UNH7	Sorting nexin-6;Sorting nexin-6, N-terminally proce	SNX6	627370000	-2.3716
O43175	D-3-phosphoglycerate dehydrogenase	PHGDH	1.101E+10	-2.36781
P63241;Q6	Eukaryotic translation initiation factor 5A-1;Eukary	EIF5A;EIF5AL1;EIF5	1.593E+10	-2.36698
O00151	PDZ and LIM domain protein 1	PDLIM1	1.997E+09	-2.36569
Q9ULT8	E3 ubiquitin-protein ligase HECTD1	HECTD1	549720000	-2.36451
P48556	26S proteasome non-ATPase regulatory subunit 8	PSMD8	1.882E+09	-2.36238
O76031	ATP-dependent Clp protease ATP-binding subunit (	CLPX	379990000	-2.36076
Q9P0J0	NADH dehydrogenase [ubiquinone] 1 alpha subcor	NDUFA13	745000000	-2.35451
Q92888	Rho guanine nucleotide exchange factor 1	ARHGEF1	570410000	-2.35325
P04179	Superoxide dismutase [Mn], mitochondrial	SOD2	2.546E+09	-2.35124
Q13596	Sorting nexin-1	SNX1	632300000	-2.34275
O75962	Triple functional domain protein	TRIO	633220000	-2.34112
P14406	Cytochrome c oxidase subunit 7A2, mitochondrial	COX7A2	619690000	-2.3314
O94903	Proline synthase co-transcribed bacterial homolog	PROSC	662610000	-2.3242
P00367;P45	Glutamate dehydrogenase 1, mitochondrial;Glutar	GLUD1;GLUD2	3.664E+09	-2.31884
O43242	26S proteasome non-ATPase regulatory subunit 3	PSMD3	6.594E+09	-2.3185
Q7L311	Armadillo repeat-containing X-linked protein 2	ARMCX2	126350000	-2.31383
Q9UH99	SUN domain-containing protein 2	SUN2	435990000	-2.31345
P00533	Epidermal growth factor receptor	EGFR	613290000	-2.31294
P09525	Annexin A4	ANXA4	2.248E+09	-2.31228
P11586	C-1-tetrahydrofolate synthase, cytoplasmic;Methy	MTHFD1	2.048E+10	-2.31124
Q15819	Ubiquitin-conjugating enzyme E2 variant 2	UBE2V2	1.996E+09	-2.30942
Q9BTE3	Mini-chromosome maintenance complex-binding p	MCMBP	448110000	-2.30839
Q13200	26S proteasome non-ATPase regulatory subunit 2	PSMD2	1.359E+10	-2.30782
Q9BVG4	Protein PBDC1	PBDC1	370110000	-2.30721
Q96JJ3	Engulfment and cell motility protein 2	ELMO2	301460000	-2.30598
Q92538	Golgi-specific brefeldin A-resistance guanine nucle	GBF1	1.087E+09	-2.29233
Q9GZQ8;A6	Microtubule-associated proteins 1A/1B light chain	MAP1LC3B;MAP1L	512260000	-2.28479
P40939	Trifunctional enzyme subunit alpha, mitochondrial	HADHA	8.541E+09	-2.2837
Q99460	26S proteasome non-ATPase regulatory subunit 1	PSMD1	7.21E+09	-2.28318
Q9UBT7	Alpha-catulin	CTNNAL1	133700000	-2.2827
P55786	Puromycin-sensitive aminopeptidase	NPEPPS	7.054E+09	-2.27441
Q00610	Clathrin heavy chain 1	CLTC	7.501E+10	-2.26991
P14927	Cytochrome b-c1 complex subunit 7	UQCRB	386690000	-2.26746
Q08AF3	Schlafen family member 5	SLFN5	415960000	-2.26438
P35244	Replication protein A 14 kDa subunit	RPA3	389430000	-2.25988
Q9ULA0	Aspartyl aminopeptidase	DNPEP	1.107E+09	-2.25734
P05120	Plasminogen activator inhibitor 2	SERPINB2	982320000	-2.24831
Q9UL46	Proteasome activator complex subunit 2	PSME2	5.77E+09	-2.24562
Q9Y4R8	Telomere length regulation protein TEL2 homolog	TELO2	90010000	-2.24493
O95292	Vesicle-associated membrane protein-associated p	VAPB	1.12E+09	-2.2403

P40227	T-complex protein 1 subunit zeta	CCT6A	1.809E+10	-2.24019
P32455	Interferon-induced guanylate-binding protein 1	GBP1	296530000	-2.2313
P50213	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	IDH3A	2.907E+09	-2.22585
P05204;Q1	Non-histone chromosomal protein HMG-17;High mobility group protein 2;HMGN3	HMGN2;HMGN3	357670000	-2.22007
Q99436	Proteasome subunit beta type-7	PSMB7	1.153E+09	-2.21523
P60981	Dextrin	DSTN	893400000	-2.2089
P00390	Glutathione reductase, mitochondrial	GSR	781040000	-2.20794
P78559	Microtubule-associated protein 1A;MAP1A heavy chain	MAP1A	4.141E+09	-2.20311
O43592	Exportin-T	XPOT	1.586E+09	-2.20043
Q9NWW8	BRISC and BRCA1-A complex member 1	BABAM1	176990000	-2.19776
Q9Y6D6	Brefeldin A-inhibited guanine nucleotide-exchange factor 1	ARFGEF1	96572000	-2.19518
O14662	Syntaxin-16	STX16	214470000	-2.19336
P49821	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial	NDUFV1	1.04E+09	-2.19029
P55010	Eukaryotic translation initiation factor 5	EIF5	3.912E+09	-2.18982
P63000;P6	Ras-related C3 botulinum toxin substrate 1;Ras-related RAC1;RAC3	RAC1;RAC3	1.6E+09	-2.18579
P49257	Protein ERGIC-53	LMAN1	1.195E+09	-2.18368
Q9NZ32	Actin-related protein 10	ACTR10	495030000	-2.18167
Q13011	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial	ECH1	1.417E+09	-2.17846
Q68E01	Integrator complex subunit 3	INTS3	311470000	-2.17816
P29373	Cellular retinoic acid-binding protein 2	CRABP2	295050000	-2.17777
Q06124	Tyrosine-protein phosphatase non-receptor type 1	PTPN11	836950000	-2.16652
P28331	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	NDUFS1	2.448E+09	-2.15827
Q13555	Calcium/calmodulin-dependent protein kinase type 2 gamma	CAMK2G	166000000	-2.15283
Q2TAA2	Isoamyl acetate-hydrolyzing esterase 1 homolog	IAH1	607880000	-2.15009
Q9Y3Z3	Deoxynucleoside triphosphate triphosphohydrolase 1	SAMHD1	589020000	-2.14924
P49736	DNA replication licensing factor MCM2	MCM2	6.489E+09	-2.14322
Q5VTR2	E3 ubiquitin-protein ligase BRE1A	RNF20	612800000	-2.13499
P61981	14-3-3 protein gamma;14-3-3 protein gamma, N-terminal	YWHAQ	5.555E+09	-2.12024
P21964	Catechol O-methyltransferase	COMT	1.136E+09	-2.11798
P22612	cAMP-dependent protein kinase catalytic subunit gamma	PRKACG	323640000	-2.11534
O75694	Nuclear pore complex protein Nup155	NUP155	1.189E+09	-2.11239
P55060	Exportin-2	CSE1L	1.732E+10	-2.11038
P04062	Glucosylceramidase	GBA	1.104E+09	-2.1101
O14880	Microsomal glutathione S-transferase 3	MGST3	836680000	-2.10943
P07711	Cathepsin L1;Cathepsin L1 heavy chain;Cathepsin L	CTSL	703190000	-2.10908
Q9BV44	THUMP domain-containing protein 3	THUMPD3	353860000	-2.10743
Q9H4M9	EH domain-containing protein 1	EHD1	8.361E+09	-2.10172
P55735	Protein SEC13 homolog	SEC13	2.086E+09	-2.09399
Q13148	TAR DNA-binding protein 43	TARDBP	2.45E+09	-2.09378
P11802	Cyclin-dependent kinase 4	CDK4	289160000	-2.09366
Q8WX92	Negative elongation factor B	NELFB	378020000	-2.09233
Q8IX04	Ubiquitin-conjugating enzyme E2 variant 3	UEVLD	383990000	-2.09069
Q9UNM6	26S proteasome non-ATPase regulatory subunit 13	PSMD13	5.02E+09	-2.08955
Q14318	Peptidyl-prolyl cis-trans isomerase FKBP8	FKBP8	504510000	-2.08927
P80723	Brain acid soluble protein 1	BASP1	759190000	-2.08137
P24539	ATP synthase F(0) complex subunit B1, mitochondrial	ATP5F1	2.312E+09	-2.08121
P35606	Coatomer subunit beta	COPB2	3.417E+09	-2.07625
Q9NXG2	THUMP domain-containing protein 1	THUMPD1	466900000	-2.07021
O43776	Asparagine--tRNA ligase, cytoplasmic	NARS	1.925E+09	-2.06993
P46940	Ras GTPase-activating-like protein IQGAP1	IQGAP1	2.149E+10	-2.06792

Q15363	Transmembrane emp24 domain-containing protein TMED2		2.621E+09	-2.06314
P33176	Kinesin-1 heavy chain	KIF5B	7.131E+09	-2.06012
P56537	Eukaryotic translation initiation factor 6	EIF6	1.649E+09	-2.05006
O15427	Monocarboxylate transporter 4	SLC16A3	130030000	-2.04618
Q9Y5L0	Transportin-3	TNPO3	2.073E+09	-2.04571
O60568	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	342480000	-2.0417
Q9NYY8	FAST kinase domain-containing protein 2	FASTKD2	258590000	-2.02783
P13995	Bifunctional methylenetetrahydrofolate dehydrogenase	MTHFD2	519920000	-2.02469
P27695	DNA-(apurinic or apyrimidinic site) lyase;DNA-(apurinic or apyrimidinic site) lyase	APEX1	3.206E+09	-2.02428
P21291	Cysteine and glycine-rich protein 1	CSRP1	1.071E+09	-2.02161
P22059	Oxysterol-binding protein 1	OSBP	389920000	-2.01984
P23528	Cofilin-1	CFL1	6.881E+10	-2.01968
P04439	HLA class I histocompatibility antigen, A-3 alpha chain	HLA-A	1.234E+09	-2.0159
P31949	Protein S100-A11;Protein S100-A11, N-terminally truncated	S100A11	778390000	-2.00585
Q9NQX3	Gephyrin;Molybdopterin adenylyltransferase;Molybdopterin adenylyltransferase	GPHN	225790000	-2.00306
Q9Y6E2	Basic leucine zipper and W2 domain-containing protein 2	BZW2	900260000	-1.99954
O75964	ATP synthase subunit g, mitochondrial	ATP5L	1.018E+09	-1.99925
P45880	Voltage-dependent anion-selective channel protein 2	VDAC2	3.459E+09	-1.99137
Q8WUM0	Nuclear pore complex protein Nup133	NUP133	301040000	-1.99032
Q53EP0	Fibronectin type III domain-containing protein 3B	FNDC3B	74397000	-1.9881
Q969Z0	Protein TBRG4	TBRG4	358160000	-1.98444
Q16880	2-hydroxyacylsphingosine 1-beta-galactosyltransferase	UGT8	346440000	-1.98348
O75369	Filamin-B	FLNB	8.305E+09	-1.98164
Q9HAV7	GrpE protein homolog 1, mitochondrial	GRPEL1	671310000	-1.97418
P42704	Leucine-rich PPR motif-containing protein, mitochondrial	LRPPRC	2.009E+10	-1.96888
P26641	Elongation factor 1-gamma	EEF1G	3.381E+10	-1.96857
P06576	ATP synthase subunit beta, mitochondrial	ATP5B	5.514E+10	-1.96536
P31153	S-adenosylmethionine synthase isoform type-2	MAT2A	1.792E+09	-1.9637
Q96P16	Regulation of nuclear pre-mRNA domain-containing protein 1	RPRD1A	844270000	-1.95158
P43246	DNA mismatch repair protein Msh2	MSH2	1.992E+09	-1.95154
Q9Y4Z0	U6 snRNA-associated Sm-like protein LSM4	LSM4	1.263E+09	-1.95146
O60841	Eukaryotic translation initiation factor 5B	EIF5B	2.965E+09	-1.94983
P13010	X-ray repair cross-complementing protein 5	XRCC5	1.928E+10	-1.9496
P68104;Q5396	Elongation factor 1-alpha 1;Putative elongation factor 1-alpha 1	EEF1A1;EEF1A1P5	1.274E+11	-1.94932
O75396	Vesicle-trafficking protein SEC22b	SEC22B	2.616E+09	-1.94645
Q29RF7	Sister chromatid cohesion protein PDS5 homolog A	PDS5A	729270000	-1.94006
P53621	Coatomer subunit alpha;Xenin;Proxenin	COPA	9.566E+09	-1.93794
Q00341	Vigilin	HDLBP	6.246E+09	-1.93553
P13489	Ribonuclease inhibitor	RNH1	804630000	-1.935
O43396	Thioredoxin-like protein 1	TXNL1	563030000	-1.92979
Q9BPX3	Condensin complex subunit 3	NCAPG	1.487E+09	-1.9281
Q96CN7	Isochorismatase domain-containing protein 1	ISOC1	403880000	-1.92408
Q96DH6	RNA-binding protein Musashi homolog 2	MSI2	463510000	-1.92363
Q15043	Zinc transporter ZIP14	SLC39A14	354730000	-1.9219
P35232	Prohibitin	PHB	1.123E+10	-1.92026
P78406	mRNA export factor	RAE1	550240000	-1.91548
Q13442	28 kDa heat- and acid-stable phosphoprotein	PDAP1	1.327E+09	-1.91518
Q9H845	Acyl-CoA dehydrogenase family member 9, mitochondrial	ACAD9	1.915E+09	-1.91423
P53597	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha	SUCLG1	854560000	-1.90581
P21980	Protein-glutamine gamma-glutamyltransferase 2	TGM2	1.162E+09	-1.90541

P07858	Cathepsin B;Cathepsin B light chain;Cathepsin B he	CTSB	2.124E+09	-1.90064
P25787	Proteasome subunit alpha type-2	PSMA2	6.36E+09	-1.89746
O00267	Transcription elongation factor SPT5	SUPT5H	360960000	-1.89546
P63010	AP-2 complex subunit beta	AP2B1	7.397E+09	-1.89245
P49368	T-complex protein 1 subunit gamma	CCT3	2.618E+10	-1.89195
Q9Y4K1	Absent in melanoma 1 protein	AIM1	1.033E+09	-1.89152
P43034	Platelet-activating factor acetylhydrolase IB subuni	PAFAH1B1	968990000	-1.88813
O60313	Dynamin-like 120 kDa protein, mitochondrial;Dyna	OPA1	1.399E+09	-1.88592
Q9UI12	V-type proton ATPase subunit H	ATP6V1H	1.364E+09	-1.88075
P49411	Elongation factor Tu, mitochondrial	TUFM	1.116E+10	-1.87802
Q92797	Symplekin	SYMPK	529540000	-1.87278
P41227	N-alpha-acetyltransferase 10	NAA10	901260000	-1.86924
Q13951	Core-binding factor subunit beta	CBFB	198250000	-1.8682
P51858	Hepatoma-derived growth factor	HDGF	4.186E+09	-1.86256
P11047	Laminin subunit gamma-1	LAMC1	305470000	-1.86173
Q9NRF9	DNA polymerase epsilon subunit 3	POLE3	739170000	-1.84537
P35080	Profilin-2	PFN2	1.292E+09	-1.84057
Q9Y6G9	Cytoplasmic dynein 1 light intermediate chain 1	DYNC1LI1	912260000	-1.83921
P17858	ATP-dependent 6-phosphofructokinase, liver type	PFKL	1.244E+09	-1.83823
P49721	Proteasome subunit beta type-2	PSMB2	2.154E+09	-1.8364
P11172	Uridine 5-monophosphate synthase;Orotate phos	UMPS	1.375E+09	-1.83074
P61966	AP-1 complex subunit sigma-1A	AP1S1	132690000	-1.83072
O75534	Cold shock domain-containing protein E1	CSDE1	2.559E+09	-1.82656
Q99567	Nuclear pore complex protein Nup88	NUP88	153100000	-1.82334
Q8N183	Mimitin, mitochondrial	NDUFAF2	502500000	-1.81954
Q9NP72	Ras-related protein Rab-18	RAB18	945160000	-1.8186
O14744	Protein arginine N-methyltransferase 5;Protein arg	PRMT5	2.154E+09	-1.81551
Q9NVA2	Septin-11		1.934E+09	-1.80876
Q9P003	Protein cornichon homolog 4	CNIH4	371040000	-1.80857
P52630	Signal transducer and activator of transcription 2	STAT2	221270000	-1.80396
O75822	Eukaryotic translation initiation factor 3 subunit J	EIF3J	2.127E+09	-1.80349
P29966	Myristoylated alanine-rich C-kinase substrate	MARCKS	1.064E+09	-1.80312
Q15637	Splicing factor 1	SF1	2.589E+09	-1.80306
Q9H4A4	Aminopeptidase B	RNPEP	946840000	-1.80286
Q9UHB9	Signal recognition particle subunit SRP68	SRP68	4.058E+09	-1.79927
P22033	Methylmalonyl-CoA mutase, mitochondrial	MUT	578980000	-1.79833
P01130	Low-density lipoprotein receptor	LDLR	388310000	-1.79604
Q9NQT8	Kinesin-like protein KIF13B	KIF13B	157010000	-1.79053
P48047	ATP synthase subunit O, mitochondrial	ATP5O	4.917E+09	-1.78897
P21589	5-nucleotidase	NT5E	2.672E+09	-1.78696
P28066	Proteasome subunit alpha type-5	PSMA5	2.894E+09	-1.78515
Q02224	Centromere-associated protein E	CENPE	5.317E+10	-1.78244
Q9UQN3	Charged multivesicular body protein 2b	CHMP2B	86022000	-1.7767
Q13418	Integrin-linked protein kinase	ILK	2.258E+09	-1.77591
P03891	NADH-ubiquinone oxidoreductase chain 2	MT-ND2	105490000	-1.77528
Q9BPX5	Actin-related protein 2/3 complex subunit 5-like pr	ARPC5L	512640000	-1.77249
Q9Y2X7	ARF GTPase-activating protein GIT1	GIT1	313050000	-1.77076
Q96QD8	Sodium-coupled neutral amino acid transporter 2	SLC38A2	310880000	-1.77074
P55263	Adenosine kinase	ADK	1.126E+09	-1.77042
Q9BXP5	Serrate RNA effector molecule homolog	SRRT	1.146E+09	-1.76989

Q92896	Golgi apparatus protein 1	GLG1	149830000	-1.76922
Q9Y285	Phenylalanine--tRNA ligase alpha subunit	FARSA	3.432E+09	-1.76342
P25685	DnaJ homolog subfamily B member 1	DNAJB1	963510000	-1.75776
Q9Y508	E3 ubiquitin-protein ligase RNF114	RNF114	284150000	-1.75099
Q8TCE6;Q6	Protein FAM45A;Protein FAM45B	FAM45A;FAM45B	222500000	-1.74655
Q9NP74	Palmdelphin	PALMD	707870000	-1.73315
O75448	Mediator of RNA polymerase II transcription subur	MED24	24235000	-1.73225
O60343	TBC1 domain family member 4	TBC1D4	192300000	-1.72363
Q9BWM7	Sideroflexin-3	SFXN3	1.088E+09	-1.7136
P29692	Elongation factor 1-delta	EEF1D	1.226E+10	-1.71083
P61006	Ras-related protein Rab-8A	RAB8A	346850000	-1.71053
Q02952	A-kinase anchor protein 12	AKAP12	4.704E+09	-1.70761
Q9NSD9	Phenylalanine--tRNA ligase beta subunit	FARSB	3.042E+09	-1.70637
P33993	DNA replication licensing factor MCM7	MCM7	1.058E+10	-1.7042
O94925	Glutaminase kidney isoform, mitochondrial	GLS	1.286E+09	-1.70338
Q6IA69	Glutamine-dependent NAD(+) synthetase	NADSYN1	176670000	-1.70031
Q9UHQ4	B-cell receptor-associated protein 29	BCAP29	62420000	-1.69903
Q8NBJ7	Sulfatase-modifying factor 2	SUMF2	533440000	-1.69828
O00217	NADH dehydrogenase [ubiquinone] iron-sulfur pro	NDUFS8	241430000	-1.69649
P61009	Signal peptidase complex subunit 3	SPCS3	431310000	-1.69498
P60660	Myosin light polypeptide 6	MYL6	3.753E+09	-1.69238
Q9Y5M8	Signal recognition particle receptor subunit beta	SRPRB	1.021E+09	-1.69158
P78344	Eukaryotic translation initiation factor 4 gamma 2	EIF4G2	5.43E+09	-1.69111
P18031	Tyrosine-protein phosphatase non-receptor type 1	PTPN1	1.517E+09	-1.68965
Q969G3	SWI/SNF-related matrix-associated actin-depende	SMARCE1	339020000	-1.68606
O00442	RNA 3-terminal phosphate cyclase	RTCA	829450000	-1.68506
Q96JJ7	Protein disulfide-isomerase TMX3	TMX3	205040000	-1.68376
O43684	Mitotic checkpoint protein BUB3	BUB3	1.333E+09	-1.68288
Q9BYD1	39S ribosomal protein L13, mitochondrial	MRPL13	468660000	-1.67625
P49593	Protein phosphatase 1F	PPM1F	721680000	-1.67583
Q9BTV4	Transmembrane protein 43	TMEM43	823780000	-1.67101
Q9HCN8	Stromal cell-derived factor 2-like protein 1	SDF2L1	359200000	-1.67
P36969	Phospholipid hydroperoxide glutathione peroxid	GPX4	168500000	-1.66955
Q13330	Metastasis-associated protein MTA1	MTA1	304200000	-1.66832
Q99584	Protein S100-A13	S100A13	158360000	-1.66699
P61224;A6	Ras-related protein Rap-1b;Ras-related protein Ra	RAP1B	3.023E+09	-1.66508
Q9BY44	Eukaryotic translation initiation factor 2A;Eukaryot	EIF2A	1.209E+09	-1.66469
P43686	26S protease regulatory subunit 6B	PSMC4	8.491E+09	-1.66186
Q06830	Peroxisredoxin-1	PRDX1	2.814E+10	-1.65621
O43447	Peptidyl-prolyl cis-trans isomerase H	PPIH	344680000	-1.65051
O95373	Importin-7	IPO7	9.644E+09	-1.64651
O43148	mRNA cap guanine-N7 methyltransferase	RNMT	210080000	-1.64363
O43181	NADH dehydrogenase [ubiquinone] iron-sulfur pro	NDUFS4	193380000	-1.64056
Q8NCW5	NAD(P)H-hydrate epimerase	APOA1BP	443210000	-1.6366
P30622	CAP-Gly domain-containing linker protein 1	CLIP1	470880000	-1.63546
Q86W92	Liprin-beta-1	PPFIBP1	2.189E+09	-1.62997
Q9UBB6	Neurochondrin	NCDN	166960000	-1.62723
P10809	60 kDa heat shock protein, mitochondrial	HSPD1	9.791E+10	-1.62687
Q14254	Flotillin-2	FLOT2	229050000	-1.62454
P43490	Nicotinamide phosphoribosyltransferase	NAMPT	3.982E+10	-1.62453



Q9H490	Phosphatidylinositol glycan anchor biosynthesis cl $\alpha$ PIGU		142880000	-1.61646
O95573	Long-chain-fatty-acid--CoA ligase 3	ACSL3	832180000	-1.61567
Q9Y5S9	RNA-binding protein 8A	RBM8A	2.214E+09	-1.60908
Q9Y394	Dehydrogenase/reductase SDR family member 7	DHRS7	341320000	-1.60727
Q15417	Calponin-3	CNN3	768310000	-1.60661
O75947	ATP synthase subunit d, mitochondrial	ATP5H	824030000	-1.60507
P60891	Ribose-phosphate pyrophosphokinase 1	PRPS1	1.699E+09	-1.6029
P04899	Guanine nucleotide-binding protein G(i) subunit al	GNAI2	1.473E+09	-1.60164
P09132	Signal recognition particle 19 kDa protein	SRP19	81537000	-1.59729
P62195	26S protease regulatory subunit 8	PSMC5	7.439E+09	-1.59546
Q9H7D7	WD repeat-containing protein 26	WDR26	472650000	-1.59122
O00505	Importin subunit alpha-4	KPNA3	618830000	-1.59094
Q96HC4	PDZ and LIM domain protein 5	PDLIM5	965670000	-1.59075
Q8TCS8	Polyribonucleotide nucleotidyltransferase 1, mitoc	PNPT1	728700000	-1.59019
Q8NFB3	Nucleoporin Nup43	NUP43	131640000	-1.57837
O95782	AP-2 complex subunit alpha-1	AP2A1	3.991E+09	-1.57741
Q8TCU6	Phosphatidylinositol 3,4,5-trisphosphate-depende	PREX1	72325000	-1.57418
O00303	Eukaryotic translation initiation factor 3 subunit F	EIF3F	2.47E+09	-1.57402
Q9H223	EH domain-containing protein 4	EHD4	404350000	-1.57132
Q92620	Pre-mRNA-splicing factor ATP-dependent RNA heli	DHX38	502660000	-1.56494
Q12888	Tumor suppressor p53-binding protein 1	TP53BP1	692970000	-1.55906
P63151	Serine/threonine-protein phosphatase 2A 55 kDa r	PPP2R2A	1.515E+09	-1.55789
P49354	Protein farnesyltransferase/geranylgeranyltransfer	FNTA	450250000	-1.5569
P25705	ATP synthase subunit alpha, mitochondrial	ATP5A1	3.074E+10	-1.55385
Q9UKK3	Poly [ADP-ribose] polymerase 4	PARP4	294110000	-1.54875
Q8NOX7	Spartin	SPG20	344060000	-1.54343
Q96FQ6	Protein S100-A16	S100A16	160490000	-1.54135
Q5T4S7	E3 ubiquitin-protein ligase UBR4	UBR4	2.29E+09	-1.54048
Q14789	Golgin subfamily B member 1	GOLGB1	588940000	-1.53843
P33992	DNA replication licensing factor MCM5	MCM5	7.97E+09	-1.53618
O00487	26S proteasome non-ATPase regulatory subunit 14	PSMD14	1.924E+09	-1.53331
Q02750	Dual specificity mitogen-activated protein kinase k	MAP2K1	1.345E+09	-1.53021
Q8TC07	TBC1 domain family member 15	TBC1D15	327520000	-1.52846
Q9Y4I1	Unconventional myosin-Va	MYO5A	592000000	-1.52769
P28072	Proteasome subunit beta type-6	PSMB6	3.1E+09	-1.51729
Q09161	Nuclear cap-binding protein subunit 1	NCBP1	476290000	-1.51676
Q8TAT6	Nuclear protein localization protein 4 homolog	NPLOC4	1.486E+09	-1.51549
Q9BQA1	Methylosome protein 50	WDR77	1.239E+09	-1.51452
P62879	Guanine nucleotide-binding protein G(I)/G(S)/G(T)	GNB2	2.134E+09	-1.5057
Q8IVD9	NudC domain-containing protein 3	NUDCD3	287140000	-1.50409
O95757	Heat shock 70 kDa protein 4L	HSPA4L	1.486E+09	-1.50269
P35611	Alpha-adducin	ADD1	571720000	-1.5016
Q9BT17	Mitochondrial ribosome-associated GTPase 1	MTG1	179930000	-1.49688
Q96N66	Lysophospholipid acyltransferase 7	MBOAT7	432750000	-1.49107
P49757	Protein numb homolog	NUMB	170960000	-1.4875
O75348;O9	V-type proton ATPase subunit G 1;V-type proton A	ATP6V1G1;ATP6V1	828740000	-1.48401
Q14764	Major vault protein	MVP	2.223E+10	-1.48242
Q96SU4	Oxysterol-binding protein-related protein 9	OSBPL9	235090000	-1.4785
Q99720	Sigma non-opioid intracellular receptor 1	SIGMAR1	636840000	-1.47127
P50613	Cyclin-dependent kinase 7	CDK7	91912000	-1.47093

O75326	Semaphorin-7A	SEMA7A	225510000	-1.47082
Q9NW15	Anoctamin-10	ANO10	167200000	-1.46919
Q99816	Tumor susceptibility gene 101 protein	TSG101	429540000	-1.46539
Q9HD45	Transmembrane 9 superfamily member 3	TM9SF3	360840000	-1.46085
O94822	E3 ubiquitin-protein ligase listerin	LTN1	400680000	-1.45866
P06396	Gelsolin	GSN	3.036E+09	-1.45757
P19387	DNA-directed RNA polymerase II subunit RPB3	POLR2C	610600000	-1.45634
Q9UQE7	Structural maintenance of chromosomes protein 3	SMC3	1.569E+09	-1.45565
O14981	TATA-binding protein-associated factor 172	BTA1F1	80294000	-1.45489
Q9BZF1	Oxysterol-binding protein-related protein 8	OSBPL8	354000000	-1.45367
P05023	Sodium/potassium-transporting ATPase subunit alpha	ATP1A1	1.087E+10	-1.45364
A1L0T0	Acetolactate synthase-like protein	ILVBL	700610000	-1.4526
P13807	Glycogen [starch] synthase, muscle	GYS1	644430000	-1.44969
P40222	Alpha-taxilin	TXLNA	1.707E+09	-1.44479
P20073	Annexin A7	ANXA7	990030000	-1.44432
Q969V3	Nicalin	NCLN	474270000	-1.44056
P10644	cAMP-dependent protein kinase type I-alpha regulatory subunit	PRKAR1A	1.94E+09	-1.4359
P09382	Galectin-1	LGALS1	3.803E+09	-1.43471
Q8WVM8	Sec1 family domain-containing protein 1	SCFD1	2.376E+09	-1.43452
P63172	Dynein light chain Tctex-type 1	DYNLT1	432260000	-1.42046
P62993	Growth factor receptor-bound protein 2	GRB2	649820000	-1.41773
Q8IZL8	Proline-, glutamic acid- and leucine-rich protein 1	PELP1	260620000	-1.41768
Q15645	Pachytene checkpoint protein 2 homolog	TRIP13	1.278E+09	-1.4014
Q9HB40	Retinoid-inducible serine carboxypeptidase	SCPEP1	92351000	-1.39921
P36542	ATP synthase subunit gamma, mitochondrial	ATP5C1	2.433E+09	-1.39879
P46108	Adapter molecule crk	CRK	484610000	-1.39557
Q13895	Bystin	BYSL	181850000	-1.39139
O95202	LETM1 and EF-hand domain-containing protein 1, mitochondrial	LETM1	1.381E+09	-1.39092
Q9UKM7	Endoplasmic reticulum mannosyl-oligosaccharide 1-glucosyltransferase	MAN1B1	140360000	-1.38517
O00148	ATP-dependent RNA helicase DDX39A	DDX39A	1.535E+09	-1.38199
A6NDG6	Phosphoglycolate phosphatase	PGP	251790000	-1.37809
Q8NBX0	Saccharopine dehydrogenase-like oxidoreductase	SCCPDH	537070000	-1.37614
Q9Y2S7	Polymerase delta-interacting protein 2	POLDIP2	1.114E+09	-1.37525
O75380	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial	NDUFS6	76361000	-1.37523
Q9NZN4	EH domain-containing protein 2	EHD2	278050000	-1.37305
Q14315	Filamin-C	FLNC	4.838E+10	-1.37162
P35998	26S protease regulatory subunit 7	PSMC2	7.249E+09	-1.36965
Q14738	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit B	PPP2R5D	462860000	-1.36535
P55072	Transitional endoplasmic reticulum ATPase	VCP	2.639E+10	-1.36255
Q13190	Syntaxin-5	STX5	394730000	-1.36239
P00846	ATP synthase subunit alpha	MT-ATP6	329710000	-1.35866
P49720	Proteasome subunit beta type-3	PSMB3	3.679E+09	-1.35587
P24666	Low molecular weight phosphotyrosine protein phosphatase	ACP1	446340000	-1.35319
Q9UBQ5	Eukaryotic translation initiation factor 3 subunit K	EIF3K	603760000	-1.35201
Q9H3U1	Protein unc-45 homolog A	UNC45A	1.657E+09	-1.35078
Q969T3	Sorting nexin-21	SNX21	64898000	-1.3499
P30419	Glycylpeptide N-tetradecanoyltransferase 1	NMT1	1.623E+09	-1.34756
O94808	Glutamine--fructose-6-phosphate aminotransferase (cytosolic)	GFPT2	7.714E+09	-1.3465
P56192	Methionine--tRNA ligase, cytoplasmic	MARS	4.332E+09	-1.34183
P24534	Elongation factor 1-beta	EEF1B2	1.41E+10	-1.33977

P05121	Plasminogen activator inhibitor 1	SERPINE1	581490000	-1.33496
P51571	Translocon-associated protein subunit delta	SSR4	1.63E+09	-1.33247
Q9Y3F4	Serine-threonine kinase receptor-associated prote	STRAP	4.026E+09	-1.32314
Q6UX53	Methyltransferase-like protein 7B	METTL7B	101710000	-1.32256
P28161	Glutathione S-transferase Mu 2	GSTM2	749940000	-1.3213
P11166	Solute carrier family 2, facilitated glucose transpor	SLC2A1	608160000	-1.31866
P39656	Dolichyl-diphosphooligosaccharide--protein glycos	DDOST	6.111E+09	-1.31865
P53999	Activated RNA polymerase II transcriptional coacti	SUB1	4.001E+09	-1.31845
P35249	Replication factor C subunit 4	RFC4	1.094E+09	-1.30711
P11234	Ras-related protein Ral-B	RALB	572140000	-1.30486
P12956	X-ray repair cross-complementing protein 6	XRCC6	2.501E+10	-1.29753
P21333	Filamin-A	FLNA	4.907E+10	-1.29647
P62333	26S protease regulatory subunit 10B	PSMC6	8.175E+09	-1.29595
Q8IYT4	Katanin p60 ATPase-containing subunit A-like 2	KATNAL2	818470000	-1.29459
Q9BY32	Inosine triphosphate pyrophosphatase	ITPA	297250000	-1.2938
P11279	Lysosome-associated membrane glycoprotein 1	LAMP1	1.405E+09	-1.29202
Q14677	Clathrin interactor 1	CLINT1	438760000	-1.29134
Q96A33	Coiled-coil domain-containing protein 47	CCDC47	1.154E+09	-1.29048
Q9Y305	Acyl-coenzyme A thioesterase 9, mitochondrial	ACOT9	491360000	-1.28937
Q07866	Kinesin light chain 1	KLC1	2.275E+09	-1.28846
Q16222	UDP-N-acetylhexosamine pyrophosphorylase;UDP	UAP1	272040000	-1.28544
O60711	Leupaxin	LPXN	865400000	-1.28537
Q9NZJ7	Mitochondrial carrier homolog 1	MTCH1	71462000	-1.28405
P25205	DNA replication licensing factor MCM3	MCM3	7.633E+09	-1.2828
Q92621	Nuclear pore complex protein Nup205	NUP205	982040000	-1.27856
Q6P2E9	Enhancer of mRNA-decapping protein 4	EDC4	1.815E+09	-1.27488
O95817	BAG family molecular chaperone regulator 3	BAG3	235720000	-1.27344
P10515	Dihydrolipoyllysine-residue acetyltransferase com	DLAT	1.405E+09	-1.26922
P50416	Carnitine O-palmitoyltransferase 1, liver isoform	CPT1A	1.128E+09	-1.26804
Q15386	Ubiquitin-protein ligase E3C	UBE3C	323820000	-1.26593
Q15291	Retinoblastoma-binding protein 5	RBBP5	49942000	-1.26542
Q9UGP8	Translocation protein SEC63 homolog	SEC63	703700000	-1.2654
P62714;P6	Serine/threonine-protein phosphatase 2A catalytic	PPP2CB;PPP2CA	2.709E+09	-1.26383
P35269	General transcription factor IIF subunit 1	GTF2F1	440630000	-1.26242
P11908	Ribose-phosphate pyrophosphokinase 2	PRPS2	553760000	-1.26115
P63244	Guanine nucleotide-binding protein subunit beta-2	GNB2L1	1.17E+10	-1.25673
Q96A26	Protein FAM162A	FAM162A	464820000	-1.25377
Q15392	Delta(24)-sterol reductase	DHCR24	110280000	-1.2506
Q9UJ70	N-acetyl-D-glucosamine kinase	NAGK	1.142E+09	-1.25052
Q9BW92	Threonine--tRNA ligase, mitochondrial	TARS2	549220000	-1.24968
Q99543	DnaJ homolog subfamily C member 2;DnaJ homolo	DNAJC2	233340000	-1.24543
Q15021	Condensin complex subunit 1	NCAPD2	2.171E+09	-1.24019
Q8N3D4	EH domain-binding protein 1-like protein 1	EHBP1L1	481250000	-1.23691
Q9Y4W6	AFG3-like protein 2	AFG3L2	1.053E+09	-1.2359
Q9ULE6	Paladin	PALD1	742540000	-1.23479
Q9Y3B8	Oligoribonuclease, mitochondrial	REXO2	417390000	-1.23476
Q9UI30	Multifunctional methyltransferase subunit TRM11	TRMT112	377670000	-1.23443
Q96IX5	Up-regulated during skeletal muscle growth protei	USMG5	560880000	-1.23414
P09012	U1 small nuclear ribonucleoprotein A	SNRPA	1.216E+09	-1.2338
O00231	26S proteasome non-ATPase regulatory subunit 11	PSMD11	6.042E+09	-1.2278

Q9NRG9	Aladin	AAAS	183210000	-1.22557
P61421	V-type proton ATPase subunit d 1	ATP6V0D1	61538000	-1.21781
Q53H96	Pyrroline-5-carboxylate reductase 3	PYCRL	135600000	-1.21087
O75616	GTPase Era, mitochondrial	ERAL1	225930000	-1.20878
O75410	Transforming acidic coiled-coil-containing protein : TACC1		30970000	-1.20763
Q16537	Serine/threonine-protein phosphatase 2A 56 kDa r PPP2R5E		735650000	-1.20275
Q9UII2	ATPase inhibitor, mitochondrial	ATPIF1	469840000	-1.20033
Q9Y316	Protein MEMO1	MEMO1	907900000	-1.19883
P07686	Beta-hexosaminidase subunit beta;Beta-hexosaminidase	HEXB	2.035E+09	-1.19778
P27708	CAD protein;Glutamine-dependent carbamoyl-phosphate synthase	CAD	1.021E+10	-1.1953
P00387	NADH-cytochrome b5 reductase 3;NADH-cytochrome b5 reductase	CYB5R3	4.473E+09	-1.18965
P51970	NADH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA8	1.013E+09	-1.18904
P49406	39S ribosomal protein L19, mitochondrial	MRPL19	332080000	-1.1882
P51665	26S proteasome non-ATPase regulatory subunit 7	PSMD7	3.118E+09	-1.1875
O60684;O1	Importin subunit alpha-7;Importin subunit alpha-6	KPNA6;KPNA5	981460000	-1.18035
Q658Y4	Protein FAM91A1	FAM91A1	291070000	-1.17854
O75531	Barrier-to-autointegration factor;Barrier-to-autointegration factor	BANF1	506540000	-1.17771
Q8N6M0	OTU domain-containing protein 6B	OTUD6B	134120000	-1.17625
Q92609	TBC1 domain family member 5	TBC1D5	377400000	-1.17428
Q09028	Histone-binding protein RBBP4	RBBP4	3.909E+09	-1.17247
Q9BR76	Coronin-1B	CORO1B	2.267E+09	-1.1704
P13796	Plastin-2	LCP1	180620000	-1.16877
Q9BUK6	Protein misato homolog 1	MSTO1	120820000	-1.1665
Q99623	Prohibitin-2	PHB2	1.203E+10	-1.16438
P53680	AP-2 complex subunit sigma	AP2S1	279760000	-1.16239
O43172	U4/U6 small nuclear ribonucleoprotein Prp4	PRPF4	290800000	-1.16194
Q99470	Stromal cell-derived factor 2	SDF2	117310000	-1.16074
Q14204	Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	6.145E+10	-1.15714
Q9NXH9	tRNA (guanine(26)-N(2))-dimethyltransferase	TRMT1	263570000	-1.1543
Q9GZM5	Protein YIPF3;Protein YIPF3, 36 kDa form III	YIPF3	135020000	-1.15395
P43155	Carnitine O-acetyltransferase	CRAT	162650000	-1.1523
P05455	Lupus La protein	SSB	7.417E+09	-1.15159
P47985;P0	Cytochrome b-c1 complex subunit Rieske, mitochondrial	UQCRFS1;UQCRFS	1.667E+09	-1.14961
P28070	Proteasome subunit beta type-4	PSMB4	5.123E+09	-1.14216
P20618	Proteasome subunit beta type-1	PSMB1	4.893E+09	-1.14204
O00264	Membrane-associated progesterone receptor component 1	PGRMC1	402490000	-1.14135
Q6RW13	Type-1 angiotensin II receptor-associated protein	AGTRAP	215630000	-1.14078
Q15003	Condensin complex subunit 2	NCAPH	669940000	-1.14052
Q16795	NADH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA9	1.577E+09	-1.13751
Q9NP97	Dynein light chain roadblock-type 1	DYNLRB1	273770000	-1.13402
O14980	Exportin-1	XPO1	9.044E+09	-1.13226
Q96RE7	Nucleus accumbens-associated protein 1	NACC1	76208000	-1.12807
P05067	Amyloid beta A4 protein;N-APP;Soluble APP-alpha	APP	17893000	-1.12549
P50748	Kinetochores-associated protein 1	KNTC1	163140000	-1.1192
Q6Y7W6	PERQ amino acid-rich with GYF domain-containing protein	GIGYF2	862790000	-1.11726
P51572	B-cell receptor-associated protein 31	BCAP31	2.206E+09	-1.11599
Q9HCC0	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	MCCC2	644180000	-1.11594
Q9Y5S2	Serine/threonine-protein kinase MRCK beta	CDC42BPB	441920000	-1.11121
Q8TEA8	D-tyrosyl-tRNA(Tyr) deacylase 1	DTD1	147180000	-1.11016
P48059	LIM and senescent cell antigen-like-containing domain	LIMS1	194750000	-1.10556

Q7L014	Probable ATP-dependent RNA helicase DDX46	DDX46	1.456E+09	-1.10209
Q9BW27	Nuclear pore complex protein Nup85	NUP85	193100000	-1.10117
P53367	Arfaptin-1	ARFIP1	484560000	-1.09674
Q9BRP1	Programmed cell death protein 2-like	PDCD2L	250780000	-1.0948
O75251	NADH dehydrogenase [ubiquinone] iron-sulfur pro	NDUFS7	453570000	-1.09372
Q5H9R7	Serine/threonine-protein phosphatase 6 regulator	PPP6R3	894000000	-1.09022
P12109	Collagen alpha-1(VI) chain	COL6A1	206900000	-1.08627
Q9NXF1	Testis-expressed sequence 10 protein	TEX10	220760000	-1.0859
P04350	Tubulin beta-4A chain	TUBB4A	1.144E+11	-1.08578
P25788	Proteasome subunit alpha type-3	PSMA3	2.605E+09	-1.07872
O75676	Ribosomal protein S6 kinase alpha-4	RPS6KA4	33136000	-1.07852
P01889	HLA class I histocompatibility antigen, B-7 alpha ch	HLA-B	110970000	-1.071
P23588	Eukaryotic translation initiation factor 4B	EIF4B	1.883E+09	-1.06798
Q9H6T3	RNA polymerase II-associated protein 3	RPAP3	460720000	-1.06476
Q8WWY3	U4/U6 small nuclear ribonucleoprotein Prp31	PRPF31	776620000	-1.05886
P60900	Proteasome subunit alpha type-6	PSMA6	2.622E+09	-1.05511
Q9Y312	Protein AAR2 homolog	AAR2	352830000	-1.05071
P40616	ADP-ribosylation factor-like protein 1	ARL1	1.185E+09	-1.04897
Q9UNF0	Protein kinase C and casein kinase substrate in neu	PACSIN2	693090000	-1.04678
Q92696	Geranylgeranyl transferase type-2 subunit alpha	RABGGTA	794020000	-1.04428
Q99805	Transmembrane 9 superfamily member 2	TM9SF2	596700000	-1.04086
P52789	Hexokinase-2	HK2	1.881E+09	-1.04031
Q9UHG3	Prenylcysteine oxidase 1	PCYOX1	492910000	-1.03597
Q9BZK7	F-box-like/WD repeat-containing protein TBL1XR1	TBL1XR1	212050000	-1.03545
Q99538	Legumain	LGMN	417410000	-1.03476
P49770	Translation initiation factor eIF-2B subunit beta	EIF2B2	869490000	-1.03303
Q10471	Polypeptide N-acetylgalactosaminyltransferase 2;P	GALNT2	722040000	-1.03267
Q15276	Rab GTPase-binding effector protein 1	RABEP1	247920000	-1.03262
Q99439	Calponin-2	CNN2	708990000	-1.02541
P51659	Peroxisomal multifunctional enzyme type 2;(3R)-h	HSD17B4	2.172E+09	-1.01585
O15270	Serine palmitoyltransferase 2	SPTLC2	318320000	-1.01336
P62308;A81	Small nuclear ribonucleoprotein G;Putative small n	SNRPG;SNRPGP15	1.257E+09	-1.00563
Q09666	Neuroblast differentiation-associated protein AHN	AHNAK	5.59E+10	-1.00372
Q02218	2-oxoglutarate dehydrogenase, mitochondrial	OGDH	2.393E+09	-1.0026
P46063	ATP-dependent DNA helicase Q1	RECQL	2.237E+09	-1.00117
Q14728	Major facilitator superfamily domain-containing pr	MFSD10	57950000	-1.00051
Q9UIC8	Leucine carboxyl methyltransferase 1	LCMT1	432390000	-0.99714
P54652	Heat shock-related 70 kDa protein 2	HSPA2	151020000	-0.996
Q6NUK1	Calcium-binding mitochondrial carrier protein ScaI	SLC25A24	525930000	-0.99141
Q13671	Ras and Rab interactor 1	RIN1	413180000	-0.99107
P63167;Q9	Dynein light chain 1, cytoplasmic;Dynein light chair	DYNLL1;DYNLL2	353500000	-0.9773
Q969F1	General transcription factor 3C polypeptide 6	GTF3C6	163910000	-0.97262
P98194	Calcium-transporting ATPase type 2C member 1	ATP2C1	52988000	-0.9716
P61764	Syntaxin-binding protein 1	STXBP1	1.256E+09	-0.97059
Q96M27	Protein PRRC1	PRRC1	562590000	-0.97
Q9NPQ8	Synembryn-A	RIC8A	895440000	-0.96871
O14818	Proteasome subunit alpha type-7	PSMA7	5.864E+09	-0.96639
Q04637	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	1.483E+10	-0.9659
Q10469	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylg	MGAT2	99790000	-0.96413
Q53H12	Acylglycerol kinase, mitochondrial	AGK	2.526E+09	-0.96346

Q9BRJ2	39S ribosomal protein L45, mitochondrial	MRPL45	345630000	-0.95093
P25789	Proteasome subunit alpha type-4	PSMA4	2.268E+09	-0.94598
Q9GZT3	SRA stem-loop-interacting RNA-binding protein, m	SLIRP	911780000	-0.94487
Q96JM3	Chromosome alignment-maintaining phosphoprot	CHAMP1	115000000	-0.94175
Q9NR46	Endophilin-B2	SH3GLB2	167710000	-0.94082
Q16186	Proteasomal ubiquitin receptor	ADRM1	906140000	-0.93866
Q8TB36	Ganglioside-induced differentiation-associated prc	GDAP1	45867000	-0.93791
P30530	Tyrosine-protein kinase receptor UFO	AXL	23382000	-0.93687
Q99570	Phosphoinositide 3-kinase regulatory subunit 4	PIK3R4	155800000	-0.93658
O75351	Vacuolar protein sorting-associated protein 4B	VPS4B	134110000	-0.93131
P35221	Catenin alpha-1	CTNNA1	467260000	-0.92679
Q9NVA1	Ubiquinol-cytochrome-c reductase complex assem	UQCC1	176970000	-0.92628
P56385	ATP synthase subunit e, mitochondrial	ATP5I	336080000	-0.92297
O43819	Protein SCO2 homolog, mitochondrial	SCO2	155470000	-0.92139
Q9NUM3	Zinc transporter ZIP9	SLC39A9	11939000	-0.92063
Q7L523;Q5	Ras-related GTP-binding protein A;Ras-related GTF	RRAGA;RRAGB	225050000	-0.91974
Q5J8M3	ER membrane protein complex subunit 4	EMC4	167140000	-0.91579
Q14203	Dynactin subunit 1	DCTN1	4.44E+09	-0.9152
P05198	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	7.071E+09	-0.90274
Q15334	Lethal(2) giant larvae protein homolog 1	LLGL1	109390000	-0.90155
Q05048	Cleavage stimulation factor subunit 1	CSTF1	327190000	-0.90055
O60885	Bromodomain-containing protein 4	BRD4	121780000	-0.89623
Q9GZS3	WD repeat-containing protein 61;WD repeat-conta	WDR61	414510000	-0.89214
P57737	Coronin-7	CORO7	363520000	-0.89212
P07384	Calpain-1 catalytic subunit	CAPN1	4.366E+09	-0.89118
P62273	40S ribosomal protein S29	RPS29	885610000	-0.88854
Q7L2H7	Eukaryotic translation initiation factor 3 subunit M	EIF3M	4.94E+09	-0.88803
Q9NQG5	Regulation of nuclear pre-mRNA domain-containin	RPRD1B	1.003E+09	-0.88367
Q9BRT2	Ubiquinol-cytochrome-c reductase complex assem	UQCC2	255830000	-0.88275
Q9Y6C9	Mitochondrial carrier homolog 2	MTCH2	766960000	-0.8827
Q9Y512	Sorting and assembly machinery component 50 ho	SAMM50	308540000	-0.88207
Q969X5	Endoplasmic reticulum-Golgi intermediate compar	ERGIC1	500180000	-0.8792
Q71U36;P0	Tubulin alpha-1A chain;Tubulin alpha-3E chain	TUBA1A;TUBA3E	806080000	-0.8759
Q9H061	Transmembrane protein 126A	TMEM126A	146330000	-0.87269
Q9Y2V7	Conserved oligomeric Golgi complex subunit 6	COG6	192940000	-0.87263
Q9P258	Protein RCC2	RCC2	3.25E+09	-0.86616
Q9P2J5	Leucine--tRNA ligase, cytoplasmic	LARS	9.655E+09	-0.86428
Q9UG63	ATP-binding cassette sub-family F member 2	ABCF2	1.547E+09	-0.86353
P52292	Importin subunit alpha-1	KPNA2	3.897E+09	-0.86341
Q9NQ48	Leucine zipper transcription factor-like protein 1	LZTFL1	291170000	-0.85933
Q9NYB0	Telomeric repeat-binding factor 2-interacting prote	TERF2IP	231540000	-0.85461
Q969G5	Protein kinase C delta-binding protein	PRKCDBP	347540000	-0.85298
Q9Y2R5	28S ribosomal protein S17, mitochondrial	MRPS17	172280000	-0.85274
P35241	Radixin	RDX	757130000	-0.8518
P98179	RNA-binding protein 3	RBM3	1.708E+09	-0.84942
Q13438	Protein OS-9	OS9	322080000	-0.84824
P60059	Protein transport protein Sec61 subunit gamma	SEC61G	691370000	-0.84756
O75489	NADH dehydrogenase [ubiquinone] iron-sulfur pro	NDUFS3	2.482E+09	-0.84117
O15258	Protein RER1	RER1	757860000	-0.8404
Q13322	Growth factor receptor-bound protein 10	GRB10	121080000	-0.8397

Q13409	Cytoplasmic dynein 1 intermediate chain 2	DYNC1I2	2.388E+09	-0.83482
Q14103	Heterogeneous nuclear ribonucleoprotein D0	HNRNPD	6.653E+09	-0.83432
Q9BTE1	Dynactin subunit 5	DCTN5	140700000	-0.83112
Q8WWM7	Ataxin-2-like protein	ATXN2L	1.068E+09	-0.82653
Q6PJG6	BRCA1-associated ATM activator 1	BRAT1	143650000	-0.81782
O14828	Secretory carrier-associated membrane protein 3	SCAMP3	1.007E+09	-0.81678
Q9UEW8	STE20/SPS1-related proline-alanine-rich protein kinase	STK39	327540000	-0.81429
Q9Y6M7	Sodium bicarbonate cotransporter 3	SLC4A7	566650000	-0.81404
P23368	NAD-dependent malic enzyme, mitochondrial	ME2	868270000	-0.81114
P08865	40S ribosomal protein SA	RPSA	9.036E+09	-0.80996
Q9UJW0	Dynactin subunit 4	DCTN4	358390000	-0.80922
Q14919	Dr1-associated corepressor	DRAP1	342740000	-0.80886
Q96FX7	tRNA (adenine(58)-N(1))-methyltransferase catalytic	TRMT61A	151010000	-0.80859
Q92599	Septin-8		Sep-08 119650000	-0.80851
O96000	NADH dehydrogenase [ubiquinone] 1 beta subcomplex	NDUFB10	428090000	-0.79828
P62310	U6 snRNA-associated Sm-like protein LSM3	LSM3	68822000	-0.79736
Q96A65	Exocyst complex component 4	EXOC4	624150000	-0.79656
Q5VWZ2	Lysophospholipase-like protein 1	LYPLAL1	269010000	-0.79517
Q13405	39S ribosomal protein L49, mitochondrial	MRPL49	79903000	-0.79157
Q9UHV9	Prefoldin subunit 2	PFDN2	359220000	-0.78868
Q9Y4P1	Cysteine protease ATG4B	ATG4B	305210000	-0.78808
P08574	Cytochrome c1, heme protein, mitochondrial	CYC1	1.038E+09	-0.78602
P55036	26S proteasome non-ATPase regulatory subunit 4	PSMD4	3.036E+09	-0.78321
P30533	Alpha-2-macroglobulin receptor-associated protein	LRPAP1	517300000	-0.78028
Q8N357	Solute carrier family 35 member F6	SLC35F6	19190000	-0.777
P35610	Sterol O-acyltransferase 1	SOAT1	1.045E+09	-0.77133
O14579	Coatomer subunit epsilon	COPE	1.321E+09	-0.77043
Q13131	5-AMP-activated protein kinase catalytic subunit alpha	PRKAA1	312440000	-0.76867
Q6P996	Pyridoxal-dependent decarboxylase domain-containing	PDXDC1	444390000	-0.76518
P42285	Superkiller viralicidal activity 2-like 2	SKIV2L2	1.322E+09	-0.76418
Q96EP5	DAZ-associated protein 1	DAZAP1	1.375E+09	-0.7623
P51532	Transcription activator BRG1	SMARCA4	628490000	-0.76121
P07602	Prosaposin;Saposin-A;Saposin-B-Val;Saposin-B;Saposin-C	PSAP	54197000	-0.76059
Q9UPN3	Microtubule-actin cross-linking factor 1, isoforms 1 and 2	MACF1	1.535E+09	-0.759
P35579	Myosin-9	MYH9	1.703E+11	-0.75817
P07437	Tubulin beta chain	TUBB	4.728E+10	-0.75744
P15927	Replication protein A 32 kDa subunit	RPA2	1.275E+09	-0.7563
Q9Y6A9	Signal peptidase complex subunit 1	SPCS1	203200000	-0.75452
O14617	AP-3 complex subunit delta-1	AP3D1	2.524E+09	-0.75223
P55209	Nucleosome assembly protein 1-like 1	NAP1L1	1.631E+10	-0.74721
Q7L0Y3	Mitochondrial ribonuclease P protein 1	TRMT10C	508700000	-0.74569
P60709	Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminal	ACTB	4.922E+09	-0.74466
Q9NQ50	39S ribosomal protein L40, mitochondrial	MRPL40	351320000	-0.73701
Q86Y56	Dynein assembly factor 5, axonemal	DNAAF5	993780000	-0.73021
Q9GZP4	PITH domain-containing protein 1	PITHD1	290560000	-0.72965
Q3ZCQ8	Mitochondrial import inner membrane translocase	TIMM50	1.588E+09	-0.72864
Q9BYD3	39S ribosomal protein L4, mitochondrial	MRPL4	911790000	-0.72785
Q9UBD5	Origin recognition complex subunit 3	ORC3	69871000	-0.72361
Q9UPT5	Exocyst complex component 7	EXOC7	275330000	-0.7231
Q9Y4J8	Dystrobrevin alpha	DTNA	126520000	-0.72247

Q9H444	Charged multivesicular body protein 4b	CHMP4B	918940000	-0.71895
Q8WVV9	Heterogeneous nuclear ribonucleoprotein L-like	HNRNPLL	127870000	-0.7177
Q13347	Eukaryotic translation initiation factor 3 subunit I	EIF3I	4.481E+09	-0.71694
P04920	Anion exchange protein 2	SLC4A2	127900000	-0.71659
Q14573	Inositol 1,4,5-trisphosphate receptor type 3	ITPR3	63540000	-0.71536
Q9UL15	BAG family molecular chaperone regulator 5	BAG5	898050000	-0.71506
Q9C0E8	Protein lunapark	LNP	134220000	-0.71153
O14776	Transcription elongation regulator 1	TCERG1	342100000	-0.7089
P50281	Matrix metalloproteinase-14	MMP14	465020000	-0.70675
O60645	Exocyst complex component 3	EXOC3	223830000	-0.70227
Q9UDW1	Cytochrome b-c1 complex subunit 9	UQCR10	762950000	-0.7008
Q86Y39	NADH dehydrogenase [ubiquinone] 1 alpha subcor	NDUFA11	82936000	-0.69782
Q96IU4	Alpha/beta hydrolase domain-containing protein 1	ABHD14B	160690000	-0.69601
Q9HBI1	Beta-parvin	PARVB	535790000	-0.69487
Q9NYB9	Abl interactor 2	ABI2	32609000	-0.69434
Q99653	Calcineurin B homologous protein 1	CHP1	215150000	-0.69395
Q14152	Eukaryotic translation initiation factor 3 subunit A	EIF3A	1.543E+10	-0.68617
Q9BVC6	Transmembrane protein 109	TMEM109	749950000	-0.68472
Q9UM00	Transmembrane and coiled-coil domain-containing	TMCO1	805420000	-0.68307
P25786	Proteasome subunit alpha type-1	PSMA1	3.47E+09	-0.67758
P26358	DNA (cytosine-5)-methyltransferase 1	DNMT1	1.396E+09	-0.67653
Q92572	AP-3 complex subunit sigma-1	AP3S1	143820000	-0.67504
P61619	Protein transport protein Sec61 subunit alpha isofo	SEC61A1	809340000	-0.66951
Q9Y262	Eukaryotic translation initiation factor 3 subunit L	EIF3L	7.312E+09	-0.66587
Q13257	Mitotic spindle assembly checkpoint protein MAD2	MAD2L1	296840000	-0.665
O95831	Apoptosis-inducing factor 1, mitochondrial	AIFM1	3.25E+09	-0.66436
Q08J23	tRNA (cytosine(34)-C(5))-methyltransferase	NSUN2	2.259E+09	-0.66144
P51159	Ras-related protein Rab-27A	RAB27A	126500000	-0.66013
Q96CW1	AP-2 complex subunit mu	AP2M1	1.323E+09	-0.65993
Q9Y294	Histone chaperone ASF1A	ASF1A	148540000	-0.6597
P67936	Tropomyosin alpha-4 chain	TPM4	6.52E+09	-0.65748
P19022	Cadherin-2	CDH2	250970000	-0.65671
Q8IZ07	Ankyrin repeat domain-containing protein 13A	ANKRD13A	97311000	-0.65399
O60664	Perilipin-3	PLIN3	3.562E+09	-0.65376
O00203	AP-3 complex subunit beta-1	AP3B1	969820000	-0.65186
Q53H82	Beta-lactamase-like protein 2	LACTB2	247420000	-0.65059
Q93009	Ubiquitin carboxyl-terminal hydrolase 7	USP7	2.946E+09	-0.65027
O00743	Serine/threonine-protein phosphatase 6 catalytic s	PPP6C	419040000	-0.64981
Q9UBI6	Guanine nucleotide-binding protein G(I)/G(S)/G(O)	GNG12	164320000	-0.64721
Q05209	Tyrosine-protein phosphatase non-receptor type 1	PTPN12	93081000	-0.64116
Q00325	Phosphate carrier protein, mitochondrial	SLC25A3	4.509E+09	-0.63973
Q9Y4C2	TRPM8 channel-associated factor 1	TCAF1	485220000	-0.63867
P09488;Q0	Glutathione S-transferase Mu 1;Glutathione S-tran	GSTM1;GSTM4	117030000	-0.63505
P06730	Eukaryotic translation initiation factor 4E	EIF4E	1.683E+09	-0.63463
Q6NYC1	Bifunctional arginine demethylase and lysyl-hydro	JMJD6	631670000	-0.63163
Q9HBL7	Plasminogen receptor (KT)	PLGRKT	71877000	-0.62891
Q96T76	MMS19 nucleotide excision repair protein homolo	MMS19	1.046E+09	-0.62295
Q99613;B5	Eukaryotic translation initiation factor 3 subunit C;	EIF3C;EIF3CL	1.141E+10	-0.62181
Q9Y2T2	AP-3 complex subunit mu-1	AP3M1	199780000	-0.6216
P52434	DNA-directed RNA polymerases I, II, and III subunit	POLR2H	126020000	-0.6215



Q9H9B4	Sideroflexin-1	SFXN1	3.699E+09	-0.61977
Q96K17	Transcription factor BTF3 homolog 4	BTF3L4	961250000	-0.61938
Q8WVJ2	NudC domain-containing protein 2	NUDCD2	285100000	-0.61746
O95104	Splicing factor, arginine/serine-rich 15	SCAF4	705060000	-0.61633
P62136	Serine/threonine-protein phosphatase PP1-alpha c	PPP1CA	2.508E+09	-0.61584
Q14669	E3 ubiquitin-protein ligase TRIP12	TRIP12	1.022E+09	-0.6132
O43670	BUB3-interacting and GLEBS motif-containing prot	ZNF207	531130000	-0.6127
Q96ST3	Paired amphipathic helix protein Sin3a	SIN3A	249840000	-0.61043
O75909	Cyclin-K	CCNK	289580000	-0.60797
P53990	IST1 homolog	IST1	495620000	-0.60636
O60518	Ran-binding protein 6	RANBP6	6614600	-0.60102
Q8TED1	Probable glutathione peroxidase 8	GPX8	78499000	-0.59971
Q8N5K1	CDGSH iron-sulfur domain-containing protein 2	CISD2	529050000	-0.59873
Q9BYI3	Hyccin	FAM126A	124130000	-0.59686
Q66K74	Microtubule-associated protein 1S;MAP1S heavy c	MAP1S	622560000	-0.59679
Q9Y5K6	CD2-associated protein	CD2AP	583460000	-0.59475
O00159	Unconventional myosin-Ic	MYO1C	3.372E+09	-0.59201
P20700	Lamin-B1	LMNB1	590050000	-0.58567
O60884	DnaJ homolog subfamily A member 2	DNAJA2	1.342E+09	-0.58235
Q5VIR6	Vacuolar protein sorting-associated protein 53 hor	VPS53	296350000	-0.5802
Q8TCJ2	Dolichyl-diphosphooligosaccharide--protein glycos	STT3B	990060000	-0.5791
Q9NYP7	Elongation of very long chain fatty acids protein 5	ELOVL5	428300000	-0.5789
O95071	E3 ubiquitin-protein ligase UBR5	UBR5	241830000	-0.57871
Q16566	Calcium/calmodulin-dependent protein kinase typ	CAMK4	64102000	-0.57858
Q6P1M0	Long-chain fatty acid transport protein 4	SLC27A4	486420000	-0.57774
P17152	Transmembrane protein 11, mitochondrial	TMEM11	51356000	-0.57494
P56134	ATP synthase subunit f, mitochondrial	ATP5J2	2.404E+09	-0.57414
Q5BJD5	Transmembrane protein 41B	TMEM41B	50324000	-0.57381
Q9H857	5-nucleotidase domain-containing protein 2	NT5DC2	985060000	-0.57085
P62191	26S protease regulatory subunit 4	PSMC1	9.102E+09	-0.56029
P09211	Glutathione S-transferase P	GSTP1	1.821E+10	-0.55912
Q9Y6R0	Numb-like protein	NUMBL	30015000	-0.55854
Q96GD0	Pyridoxal phosphate phosphatase	PDXP	231700000	-0.55837
P82650	28S ribosomal protein S22, mitochondrial	MRPS22	581160000	-0.55637
Q9NW64	Pre-mRNA-splicing factor RBM22	RBM22	87189000	-0.55564
Q9H2K8	Serine/threonine-protein kinase TAO3	TAOK3	60317000	-0.553
P62314	Small nuclear ribonucleoprotein Sm D1	SNRPD1	1.448E+09	-0.55169
Q8NB16	Mixed lineage kinase domain-like protein	MLKL	69997000	-0.54903
Q5JVF3	PCI domain-containing protein 2	PCID2	495190000	-0.54872
A6NHL2	Tubulin alpha chain-like 3	TUBAL3	227070000	-0.54716
Q9BSR8	Protein YIPF4	YIPF4	103420000	-0.5469
O95298;E9	NADH dehydrogenase [ubiquinone] 1 subunit C2;N	NDUFC2;NDUFC2-	51695000	-0.54596
P09669	Cytochrome c oxidase subunit 6C	COX6C	588050000	-0.54423
P82979	SAP domain-containing ribonucleoprotein	SARNP	862100000	-0.54301
O94776	Metastasis-associated protein MTA2	MTA2	688070000	-0.53941
Q5TZA2	Rootletin	CROCC	169810000	-0.537
Q8N983	39S ribosomal protein L43, mitochondrial	MRPL43	487470000	-0.53599
Q14008	Cytoskeleton-associated protein 5	CKAP5	3.098E+09	-0.53314
Q96CS3	FAS-associated factor 2	FAF2	2.07E+09	-0.52805
P78527	DNA-dependent protein kinase catalytic subunit	PRKDC	2.851E+10	-0.52642

Q9UHI6	Probable ATP-dependent RNA helicase DDX20	DDX20	835820000	-0.52381
Q15654	Thyroid receptor-interacting protein 6	TRIP6	766270000	-0.5178
P0CW20;PC	LIM and senescent cell antigen-like-containing domain	LIMS3L;LIMS3	104330000	-0.51706
Q13547	Histone deacetylase 1	HDAC1	1.069E+09	-0.51282
P30084	Enoyl-CoA hydratase, mitochondrial	ECHS1	2.874E+09	-0.50699
Q9Y6D9	Mitotic spindle assembly checkpoint protein MAD1	MAD1L1	119180000	-0.50631
Q969E2	Secretory carrier-associated membrane protein 4	SCAMP4	52853000	-0.50249
Q9H9A5	CCR4-NOT transcription complex subunit 10	CNOT10	124390000	-0.50192
Q10570	Cleavage and polyadenylation specificity factor subunit 1	CPSF1	88119000	-0.50038
Q9P032	NADH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA4	556780000	-0.50009
Q9UJS0	Calcium-binding mitochondrial carrier protein Aralar 1	SLC25A13	2.749E+09	-0.49888
Q9UKY1	Zinc fingers and homeobox protein 1	ZHX1	90546000	-0.49533
P12270	Nucleoprotein TPR	TPR	2.062E+09	-0.49431
O95477	ATP-binding cassette sub-family A member 1	ABCA1	158420000	-0.49409
Q9BZX2	Uridine-cytidine kinase 2	UCK2	955610000	-0.49277
O15260	Surfeit locus protein 4	SURF4	2.573E+09	-0.49028
Q8N2K0	Monoacylglycerol lipase ABHD12	ABHD12	42593000	-0.48744
P10619	Lysosomal protective protein 1	CTSA	371910000	-0.48707
Q92769	Histone deacetylase 2	HDAC2	280440000	-0.4831
P08123	Collagen alpha-2(I) chain	COL1A2	16980000	-0.48138
P30536	Translocator protein	TSPO	137650000	-0.47935
Q13505	Metaxin-1	MTX1	205580000	-0.478
P60228	Eukaryotic translation initiation factor 3 subunit E	EIF3E	8.167E+09	-0.47677
P68366	Tubulin alpha-4A chain	TUBA4A	1.64E+09	-0.47505
Q9Y277	Voltage-dependent anion-selective channel protein 3	VDAC3	745490000	-0.47182
Q96H79	Zinc finger CCH-type antiviral protein 1-like	ZC3HAV1L	141760000	-0.47121
P14635	G2/mitotic-specific cyclin-B1	CCNB1	218510000	-0.46879
P0DP25;P0DP24;P0DP23			2.176E+09	-0.46858
Q9BYD2	39S ribosomal protein L9, mitochondrial	MRPL9	410630000	-0.46761
P41091;Q2	Eukaryotic translation initiation factor 2 subunit 3	EIF2S3;EIF2S3L	4.057E+09	-0.46658
Q9HAS0	Protein Njmu-R1	C17orf75	15689000	-0.46413
Q9H4L5	Oxysterol-binding protein-related protein 3	OSBPL3	149510000	-0.46294
O96019	Actin-like protein 6A	ACTL6A	2.01E+09	-0.46097
Q9BYN8	28S ribosomal protein S26, mitochondrial	MRPS26	96019000	-0.46064
P53007	Tricarboxylate transport protein, mitochondrial	SLC25A1	815120000	-0.45929
Q92542	Nicastrin	NCSTN	96031000	-0.45438
P68363	Tubulin alpha-1B chain	TUBA1B	1.345E+11	-0.44816
Q9Y6K9	NF-kappa-B essential modulator	IKBKG	140310000	-0.44717
Q9HA64	Ketosamine-3-kinase	FN3KRP	223840000	-0.44652
P17706	Tyrosine-protein phosphatase non-receptor type 2	PTPN2	23987000	-0.44446
P24941	Cyclin-dependent kinase 2	CDK2	720310000	-0.44112
P62633	Cellular nucleic acid-binding protein	CNBP	213870000	-0.43737
Q9UJA5	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic	TRMT6	476320000	-0.43518
O15066	Kinesin-like protein KIF3B	KIF3B	61433000	-0.43497
Q9NUQ7	Ufm1-specific protease 2	UFSP2	210180000	-0.43419
Q9H9J2	39S ribosomal protein L44, mitochondrial	MRPL44	472510000	-0.43363
Q13185	Chromobox protein homolog 3	CBX3	2.579E+09	-0.43286
P09543	2,3-cyclic-nucleotide 3-phosphodiesterase	CNP	538610000	-0.43072
P08579	U2 small nuclear ribonucleoprotein B	SNRNPB	277830000	-0.42826
P29218	Inositol monophosphatase 1	IMPA1	176990000	-0.42763

Q7Z406	Myosin-14	MYH14	1.801E+09	-0.42667
Q12824	SWI/SNF-related matrix-associated actin-dependent SMARCB1	SMARCB1	76485000	-0.42401
Q9P016	Thymocyte nuclear protein 1	THYN1	140960000	-0.41997
Q05086	Ubiquitin-protein ligase E3A	UBE3A	202570000	-0.41794
Q8TB61	Adenosine 3-phospho 5-phosphosulfate transporter	SLC35B2	71155000	-0.41322
P55884	Eukaryotic translation initiation factor 3 subunit B	EIF3B	8.996E+09	-0.41148
Q9UBX3	Mitochondrial dicarboxylate carrier	SLC25A10	393440000	-0.41004
Q9H078	Caseinolytic peptidase B protein homolog	CLPB	227110000	-0.40965
P38919	Eukaryotic initiation factor 4A-III;Eukaryotic initiation factor 4A-III	EIF4A3	2.052E+09	-0.40936
Q9C0C2	182 kDa tankyrase-1-binding protein	TNKS1BP1	1.015E+09	-0.40716
Q96ST2	Protein IWS1 homolog	IWS1	236920000	-0.40198
P19105;O1	Myosin regulatory light chain 12A;Myosin regulatory light chain 12B	MYL12A;MYL12B	1.918E+10	-0.40011
P13498	Cytochrome b-245 light chain	CYBA	70693000	-0.39721
P41208	Centrin-2	CETN2	523270000	-0.39522
P56945	Breast cancer anti-estrogen resistance protein 1	BCAR1	104870000	-0.39383
Q9ULX3	RNA-binding protein NOB1	NOB1	210630000	-0.38968
P63261	Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminal	ACTG1	2.255E+11	-0.38915
Q9UKR5	Probable ergosterol biosynthetic protein 28	C14orf1	52223000	-0.38878
Q9NRX1	RNA-binding protein PNO1	PNO1	227950000	-0.38495
Q9Y496	Kinesin-like protein KIF3A	KIF3A	304400000	-0.38368
Q9BRX2	Protein pelota homolog	PELO	514190000	-0.37976
O95602	DNA-directed RNA polymerase I subunit RPA1	POLR1A	191990000	-0.37617
Q5HYI8	Rab-like protein 3	RABL3	147920000	-0.37608
P61978	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	3.646E+10	-0.3742
P49841	Glycogen synthase kinase-3 beta	GSK3B	358430000	-0.37259
Q5VTB9	E3 ubiquitin-protein ligase RNF220	RNF220	103990000	-0.37186
P22695	Cytochrome b-c1 complex subunit 2, mitochondria	UQCRC2	5.404E+09	-0.36949
P14868	Aspartate--tRNA ligase, cytoplasmic	DARS	7.016E+09	-0.36944
P63165;G2	Small ubiquitin-related modifier 1;Small ubiquitin-related modifier 1	SUMO1	52007000	-0.36943
P12236	ADP/ATP translocase 3;ADP/ATP translocase 3, N-terminal	SLC25A6	2.428E+09	-0.36872
P09874	Poly [ADP-ribose] polymerase 1	PARP1	1.171E+10	-0.36696
P47756	F-actin-capping protein subunit beta	CAPZB	2.577E+09	-0.36646
Q14839	Chromodomain-helicase-DNA-binding protein 4	CHD4	4.387E+09	-0.36552
P23193	Transcription elongation factor A protein 1	TCEA1	634660000	-0.3655
Q14980	Nuclear mitotic apparatus protein 1	NUMA1	1.067E+09	-0.3648
Q15370	Transcription elongation factor B polypeptide 2	TCEB2	152270000	-0.36465
P47755	F-actin-capping protein subunit alpha-2	CAPZA2	1.3E+09	-0.36414
Q9NPL8	Complex I assembly factor TIMMDC1, mitochondrial	TIMMDC1	147050000	-0.3632
O75340	Programmed cell death protein 6	PDCD6	310280000	-0.36309
Q9Y3E7	Charged multivesicular body protein 3	CHMP3	143890000	-0.35972
P36873	Serine/threonine-protein phosphatase PP1-gamma	PPP1CC	553900000	-0.35683
Q5JTV8	Torsin-1A-interacting protein 1	TOR1AIP1	331850000	-0.35588
O95070	Protein YIF1A	YIF1A	52397000	-0.35474
O14773	Tripeptidyl-peptidase 1	TPP1	972960000	-0.34988
O95139	NADH dehydrogenase [ubiquinone] 1 beta subcomplex	NDUFB6	358090000	-0.34847
Q9BXF6	Rab11 family-interacting protein 5	RAB11FIP5	274350000	-0.34031
Q99986	Serine/threonine-protein kinase VRK1	VRK1	771730000	-0.33869
Q13263	Transcription intermediary factor 1-beta	TRIM28	9.309E+09	-0.32866
Q96GA3	Protein LTV1 homolog	LTV1	260980000	-0.32781
Q6P1N0	Coiled-coil and C2 domain-containing protein 1A	CC2D1A	114160000	-0.32479

P54136	Arginine--tRNA ligase, cytoplasmic	RARS	6.552E+09	-0.32289
Q9NWU5	39S ribosomal protein L22, mitochondrial	MRPL22	155990000	-0.3206
Q8IURO	Trafficking protein particle complex subunit 5	TRAPPC5	46958000	-0.3201
Q96DV4	39S ribosomal protein L38, mitochondrial	MRPL38	269710000	-0.31328
Q8TAF3	WD repeat-containing protein 48	WDR48	98615000	-0.30872
Q9NZ45	CDGSH iron-sulfur domain-containing protein 1	CISD1	392380000	-0.30832
Q16630	Cleavage and polyadenylation specificity factor subunit 6	CPSF6	518040000	-0.30824
Q9NUQ3	Gamma-taxilin	TXLNG	148000000	-0.30754
O15372	Eukaryotic translation initiation factor 3 subunit H	EIF3H	4.246E+09	-0.29519
Q01844	RNA-binding protein EWS	EWSR1	1.267E+09	-0.29471
Q9UHX1	Poly(U)-binding-splicing factor PUF60	PUF60	3.175E+09	-0.28963
Q5JWF2	Guanine nucleotide-binding protein G(s) subunit alpha	GNAS	379450000	-0.28915
Q9UEY8	Gamma-adducin	ADD3	138000000	-0.28513
O95347	Structural maintenance of chromosomes protein 2	SMC2	1.8E+09	-0.28329
P82933	28S ribosomal protein S9, mitochondrial	MRPS9	666090000	-0.28245
Q9UH62	Armadillo repeat-containing X-linked protein 3	ARMCX3	266080000	-0.27822
Q12874	Splicing factor 3A subunit 3	SF3A3	1.8E+09	-0.2777
Q14192	Four and a half LIM domains protein 2	FHL2	73498000	-0.2767
Q9NUJ1	Mycophenolic acid acyl-glucuronide esterase, mitochondrial	ABHD10	782830000	-0.2747
Q9UNF1	Melanoma-associated antigen D2	MAGED2	970340000	-0.27326
Q96G46	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like	DUS3L	175510000	-0.26874
Q15459	Splicing factor 3A subunit 1	SF3A1	2.293E+09	-0.26659
A0FGR8	Extended synaptotagmin-2	ESYT2	407720000	-0.26483
P46821	Microtubule-associated protein 1B;MAP1B heavy chain	MAP1B	2.04E+10	-0.25631
P00918	Carbonic anhydrase 2	CA2	9.259E+09	-0.25516
O95721	Synaptosomal-associated protein 29	SNAP29	121260000	-0.24988
Q96N67	Dedicator of cytokinesis protein 7	DOCK7	578360000	-0.24949
Q5XKP0	Protein QIL1	QIL1	424740000	-0.24718
Q15393	Splicing factor 3B subunit 3	SF3B3	3.625E+09	-0.24565
Q86TS9	39S ribosomal protein L52, mitochondrial	MRPL52	230170000	-0.24554
Q14157	Ubiquitin-associated protein 2-like	UBAP2L	1.633E+09	-0.24388
O75477	Erlin-1	ERLIN1	811730000	-0.24367
Q9BUF5	Tubulin beta-6 chain	TUBB6	3.079E+10	-0.24332
O15344	E3 ubiquitin-protein ligase Midline-1	MID1	74837000	-0.23936
Q99700	Ataxin-2	ATXN2	77915000	-0.23861
P82673	28S ribosomal protein S35, mitochondrial	MRPS35	674810000	-0.23809
Q96GC9	Vacuole membrane protein 1	VMP1	344770000	-0.2363
P53985	Monocarboxylate transporter 1	SLC16A1	289720000	-0.23519
Q13084	39S ribosomal protein L28, mitochondrial	MRPL28	745430000	-0.23425
Q8IWZ3	Ankyrin repeat and KH domain-containing protein 1	ANKHD1	123510000	-0.2333
P46736	Lys-63-specific deubiquitinase BRCC36	BRCC3	102790000	-0.23215
Q96IJ6	Mannose-1-phosphate guanyltransferase alpha	GMPPA	440950000	-0.23113
Q9UFW8	CGG triplet repeat-binding protein 1	CGGBP1	96795000	-0.22964
P50579	Methionine aminopeptidase 2	METAP2	378070000	-0.22838
Q9BVV7	Mitochondrial import inner membrane translocase	TIMM21	26481000	-0.22712
Q92820	Gamma-glutamyl hydrolase	GGH	878470000	-0.22084
Q9Y2D5	A-kinase anchor protein 2	AKAP2	694120000	-0.21754
O00461	Golgi integral membrane protein 4	GOLIM4	80961000	-0.21697
Q9BRK5	45 kDa calcium-binding protein	SDF4	352710000	-0.21602
Q8N5M9	Protein jagunal homolog 1	JAGN1	71983000	-0.21498

Q02978	Mitochondrial 2-oxoglutarate/malate carrier prote	SLC25A11	1.777E+09	-0.21309
Q96G23	Ceramide synthase 2	CERS2	404470000	-0.21112
Q5VTU8;P5	ATP synthase subunit epsilon-like protein, mitochc	ATP5EP2;ATP5E	365130000	-0.20933
Q15555	Microtubule-associated protein RP/EB family mem	MAPRE2	558680000	-0.20833
Q8N4L2	Type 2 phosphatidylinositol 4,5-bisphosphate 4-ph	TMEM55A	51321000	-0.20662
Q9UBU8	Mortality factor 4-like protein 1	MORF4L1	130700000	-0.2014
O43674	NADH dehydrogenase [ubiquinone] 1 beta subcorr	NDUFB5	311020000	-0.19776
Q9UBS4	DnaJ homolog subfamily B member 11	DNAJB11	998410000	-0.19477
O15371	Eukaryotic translation initiation factor 3 subunit D	EIF3D	4.05E+09	-0.19464
Q9Y2U8	Inner nuclear membrane protein Man1	LEMD3	104580000	-0.1923
O14925	Mitochondrial import inner membrane translocase	TIMM23	656790000	-0.19141
Q9Y295	Developmentally-regulated GTP-binding protein 1	DRG1	1.812E+09	-0.19121
P27694	Replication protein A 70 kDa DNA-binding subunit;	RPA1	3.376E+09	-0.19041
Q9HC07	Transmembrane protein 165	TMEM165	454410000	-0.18735
Q13459	Unconventional myosin-IXb	MYO9B	318310000	-0.18422
P68371	Tubulin beta-4B chain	TUBB4B	3.904E+10	-0.1773
Q9H270	Vacuolar protein sorting-associated protein 11 hor	VPS11	201940000	-0.17484
Q15904	V-type proton ATPase subunit S1	ATP6AP1	32518000	-0.17149
P57088	Transmembrane protein 33	TMEM33	652860000	-0.17082
Q86U44	N6-adenosine-methyltransferase 70 kDa subunit	METTL3	183640000	-0.17025
O43809	Cleavage and polyadenylation specificity factor su	NUDT21	2.069E+09	-0.17006
Q14558	Phosphoribosyl pyrophosphate synthase-associate	PRPSAP1	1.089E+09	-0.16874
Q9NR56	Muscleblind-like protein 1	MBNL1	269530000	-0.16839
P27449	V-type proton ATPase 16 kDa proteolipid subunit	ATP6V0C	125100000	-0.16531
Q99575	Ribonucleases P/MRP protein subunit POP1	POP1	262160000	-0.16421
P63220	40S ribosomal protein S21	RPS21	1.94E+09	-0.16272
Q9UI10	Translation initiation factor eIF-2B subunit delta	EIF2B4	302810000	-0.16116
Q9NUV7	Serine palmitoyltransferase 3	SPTLC3	270800000	-0.15883
Q01650;Q9	Large neutral amino acids transporter small subuni	SLC7A5;SLC7A7	76030000	-0.15828
P16615	Sarcoplasmic/endoplasmic reticulum calcium ATPa	ATP2A2	5.335E+09	-0.15706
Q96D46	60S ribosomal export protein NMD3	NMD3	220660000	-0.15611
Q8ND24	RING finger protein 214	RNF214	93484000	-0.15574
Q6IAN0	Dehydrogenase/reductase SDR family member 7B	DHRS7B	395880000	-0.15568
Q8WXX5	DnaJ homolog subfamily C member 9	DNAJC9	1.543E+09	-0.1556
P05141	ADP/ATP translocase 2;ADP/ATP translocase 2, N-t	SLC25A5	1.874E+10	-0.15343
P61020	Ras-related protein Rab-5B	RAB5B	607700000	-0.14884
P04049	RAF proto-oncogene serine/threonine-protein kin	RAF1	56114000	-0.14656
P16402	Histone H1.3	HIST1H1D	69777000	-0.14433
O96011	Peroxisomal membrane protein 11B	PEX11B	39152000	-0.1441
P23258;Q9	Tubulin gamma-1 chain;Tubulin gamma-2 chain	TUBG1;TUBG2	1.538E+09	-0.14396
P42025	Beta-centractin	ACTR1B	445620000	-0.13773
Q147X3	N-alpha-acetyltransferase 30	NAA30	127810000	-0.13586
Q96C36	Proline-5-carboxylate reductase 2	PYCR2	664190000	-0.1355
Q9BYC8	39S ribosomal protein L32, mitochondrial	MRPL32	128500000	-0.12824
Q5T653	39S ribosomal protein L2, mitochondrial	MRPL2	364650000	-0.1265
Q32MZ4	Leucine-rich repeat flightless-interacting protein	LRRFIP1	658090000	-0.12278
Q13144	Translation initiation factor eIF-2B subunit epsilon	EIF2B5	298330000	-0.11572
Q5T8P6	RNA-binding protein 26	RBM26	349310000	-0.11497
P14735	Insulin-degrading enzyme	IDE	1.558E+09	-0.11448
Q15019	Septin-2	Sep-02	6.328E+09	-0.11144

Q2M1P5	Kinesin-like protein KIF7	KIF7	68399000	-0.11132
Q9Y679	Ancient ubiquitous protein 1	AUP1	331850000	-0.10753
Q15293	Reticulocalbin-1	RCN1	5.85E+09	-0.10718
Q96CW5	Gamma-tubulin complex component 3	TUBGCP3	191260000	-0.10254
Q6UXN9	WD repeat-containing protein 82	WDR82	200480000	-0.09981
Q9P015	39S ribosomal protein L15, mitochondrial	MRPL15	368060000	-0.09978
Q15582	Transforming growth factor-beta-induced protein iTGFB1		75583000	-0.09818
P78362	SRSF protein kinase 2;SRSF protein kinase 2 N-tern SRPK2		185520000	-0.0974
P56556	NADH dehydrogenase [ubiquinone] 1 alpha subcor NDUFA6		253750000	-0.09659
Q9NTJ3	Structural maintenance of chromosomes protein 4 SMC4		1.932E+09	-0.09525
P36915	Guanine nucleotide-binding protein-like 1	GNL1	143820000	-0.09344
Q92979	Ribosomal RNA small subunit methyltransferase N EMG1		143800000	-0.09222
P46977	Dolichyl-diphosphooligosaccharide--protein glycos STT3A		640840000	-0.09073
Q9HCK8;Q	Chromodomain-helicase-DNA-binding protein 8;Cr CHD8;CHD6;CHD9		86603000	-0.0903
P78346	Ribonuclease P protein subunit p30	RPP30	652530000	-0.08745
Q16891	MICOS complex subunit MIC60	IMMT	3.645E+09	-0.08606
O75821	Eukaryotic translation initiation factor 3 subunit G	EIF3G	4.885E+09	-0.08577
O15269	Serine palmitoyltransferase 1	SPTLC1	465650000	-0.08489
O43795	Unconventional myosin-Ib	MYO1B	974380000	-0.0823
O95864	Fatty acid desaturase 2	FADS2	8492000	-0.08123
Q6P9B6	TLD domain-containing protein 1	TLDC1	213800000	-0.08044
Q9NYK5	39S ribosomal protein L39, mitochondrial	MRPL39	748490000	-0.08008
P51648	Fatty aldehyde dehydrogenase	ALDH3A2	248660000	-0.07728
P82909	28S ribosomal protein S36, mitochondrial	MRPS36	146090000	-0.06803
Q9HCU5	Prolactin regulatory element-binding protein	PREB	135310000	-0.06796
Q8N1F7	Nuclear pore complex protein Nup93	NUP93	1.222E+09	-0.06367
O75382	Tripartite motif-containing protein 3	TRIM3	81569000	-0.06347
Q99442	Translocation protein SEC62	SEC62	63872000	-0.06152
P08621	U1 small nuclear ribonucleoprotein 70 kDa	SNRNP70	1.369E+09	-0.06142
O94874	E3 UFM1-protein ligase 1	UFL1	733860000	-0.05902
P51692;P4	Signal transducer and activator of transcription 5B;STAT5B;STAT5A		128520000	-0.05645
Q13885	Tubulin beta-2A chain	TUBB2A	104290000	-0.05624
Q9BQ70	Transcription factor 25	TCF25	107690000	-0.05373
Q15046	Lysine--tRNA ligase	KARS	3.634E+09	-0.04742
P23634	Plasma membrane calcium-transporting ATPase 4	ATP2B4	206520000	-0.04732
Q01970	1-phosphatidylinositol 4,5-bisphosphate phosphod PLCB3		507450000	-0.04338
P28288	ATP-binding cassette sub-family D member 3	ABCD3	494610000	-0.03813
Q14258	E3 ubiquitin/ISG15 ligase TRIM25	TRIM25	1.287E+09	-0.03727
Q92785	Zinc finger protein ubi-d4	DPF2	176610000	-0.03661
Q7Z4Q2	HEAT repeat-containing protein 3	HEATR3	238770000	-0.03413
Q9BYD6	39S ribosomal protein L1, mitochondrial	MRPL1	321840000	-0.03197
P47897	Glutamine--tRNA ligase	QARS	4.875E+09	-0.03063
Q99729	Heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	2.197E+09	-0.02694
Q96559	Ran-binding protein 9	RANBP9	189180000	-0.02523
Q96EY7	Pentatricopeptide repeat domain-containing prote	PTCD3	890960000	-0.02192
Q9BSD7	Cancer-related nucleoside-triphosphatase	NTPCR	1.13E+09	-0.02186
Q2NL82	Pre-rRNA-processing protein TSR1 homolog	TSR1	581040000	-0.02079
P00749	Urokinase-type plasminogen activator;Urokinase-t	PLAU	87085000	-0.02034
P35222	Catenin beta-1	CTNNB1	640890000	-0.01968
Q15054	DNA polymerase delta subunit 3	POLD3	181890000	-0.01876

P62306	Small nuclear ribonucleoprotein F	SNRPF	1.225E+09	-0.01798
Q8TEQ6	Gem-associated protein 5	GEMIN5	1.089E+09	-0.01701
Q9GZT9	Egl nine homolog 1	EGLN1	36589000	-0.01321
Q9UHR5	SAP30-binding protein	SAP30BP	127220000	-0.0125
O43852	Calumenin	CALU	1.64E+10	-0.00697
O43399	Tumor protein D54	TPD52L2	3.442E+09	-0.00442
Q13356	Peptidyl-prolyl cis-trans isomerase-like 2	PPIL2	95187000	-0.00298
Q6SZW1	Sterile alpha and TIR motif-containing protein 1	SARM1	153580000	-0.00023
P11142	Heat shock cognate 71 kDa protein	HSPA8	8.872E+10	0
Q9H2H8	Peptidyl-prolyl cis-trans isomerase-like 3	PPIL3	78558000	0.00233
P07814	Bifunctional glutamate/proline--tRNA ligase;Glutar	EPRS	1.083E+10	0.002857
Q9BSJ2	Gamma-tubulin complex component 2	TUBGCP2	689920000	0.003049
P10599	Thioredoxin	TXN	4.082E+09	0.003085
P14678;P6:	Small nuclear ribonucleoprotein-associated protei	SNRPB;SNRPN	485590000	0.006971
P06493	Cyclin-dependent kinase 1	CDK1	1.724E+09	0.008334
P43353;P4:	Aldehyde dehydrogenase family 3 member B1;Alde	ALDH3B1;ALDH3B	82997000	0.009136
Q9BQ95	Evolutionarily conserved signaling intermediate in	ECSIT	202390000	0.012925
Q9Y399	28S ribosomal protein S2, mitochondrial	MRPS2	204230000	0.015817
P36021	Monocarboxylate transporter 8	SLC16A2	17454000	0.016003
Q13586	Stromal interaction molecule 1	STIM1	40364000	0.017607
P04844	Dolichyl-diphosphooligosaccharide--protein glycos	RPN2	1.173E+10	0.018131
Q9UKL0	REST corepressor 1	RCOR1	109680000	0.019727
P55011	Solute carrier family 12 member 2	SLC12A2	115700000	0.019894
O75533	Splicing factor 3B subunit 1	SF3B1	6.509E+09	0.020293
O00767	Acyl-CoA desaturase	SCD	593100000	0.020936
Q9UBM7	7-dehydrocholesterol reductase	DHCR7	321540000	0.023142
O75494	Serine/arginine-rich splicing factor 10	SRSF10	96612000	0.025093
Q96GC5	39S ribosomal protein L48, mitochondrial	MRPL48	141880000	0.025188
Q9H2D6	TRIO and F-actin-binding protein	TRIOBP	490920000	0.025741
Q15286	Ras-related protein Rab-35	RAB35	185210000	0.029778
Q07666	KH domain-containing, RNA-binding, signal transdu	KHDRBS1	2.969E+09	0.03049
Q9UNL2	Translocon-associated protein subunit gamma	SSR3	710150000	0.031257
Q6PJT7	Zinc finger CCCH domain-containing protein 14	ZC3H14	144210000	0.035303
Q52LJ0	Protein FAM98B	FAM98B	714250000	0.037091
O95239;Q2	Chromosome-associated kinesin KIF4A;Chromosom	KIF4A;KIF4B	87682000	0.039669
Q92616	Translational activator GCN1	GCN1L1	1.004E+10	0.043285
Q9Y6W5	Wiskott-Aldrich syndrome protein family member	WASF2	137170000	0.046219
P60468	Protein transport protein Sec61 subunit beta	SEC61B	699400000	0.046722
Q9BZE1	39S ribosomal protein L37, mitochondrial	MRPL37	760070000	0.049878
Q8IUF8	Bifunctional lysine-specific demethylase and histid	MINA	175780000	0.049976
Q2TAY7	WD40 repeat-containing protein SMU1;WD40 repe	SMU1	236510000	0.054667
Q8N6R0	Methyltransferase-like protein 13	METTL13	213270000	0.056608
Q13162	Peroxiredoxin-4	PRDX4	1.595E+09	0.058624
O75607	Nucleoplasmin-3	NPM3	505630000	0.059551
O43237	Cytoplasmic dynein 1 light intermediate chain 2	DYNC1LI2	544630000	0.05981
Q8TCG1	Protein CIP2A	KIAA1524	132680000	0.061242
P32119	Peroxiredoxin-2	PRDX2	5.967E+09	0.06172
Q9BZL4	Protein phosphatase 1 regulatory subunit 12C	PPP1R12C	31018000	0.061768
Q15746	Myosin light chain kinase, smooth muscle;Myosin I	MYLK	99616000	0.063422
Q9NZ01	Very-long-chain enoyl-CoA reductase	TECR	758950000	0.065268

Q8WYA6	Beta-catenin-like protein 1	CTNBL1	413770000	0.069216
Q96F86	Enhancer of mRNA-decapping protein 3	EDC3	531400000	0.070551
Q96KP1	Exocyst complex component 2	EXOC2	366170000	0.071916
Q04837	Single-stranded DNA-binding protein, mitochondri	SSBP1	6.797E+09	0.073097
Q14671	Pumilio homolog 1	PUM1	245600000	0.073356
P12277	Creatine kinase B-type	CKB	4.855E+10	0.073786
P82932	28S ribosomal protein S6, mitochondrial	MRPS6	105440000	0.074689
Q9NYV4	Cyclin-dependent kinase 12	CDK12	103350000	0.078597
P55042	GTP-binding protein RAD	RRAD	73327000	0.07981
Q7Z3K3	Pogo transposable element with ZNF domain	POGZ	25174000	0.081103
Q9H2U1	ATP-dependent RNA helicase DHX36	DHX36	239660000	0.081158
O43598	2-deoxynucleoside 5-phosphate N-hydrolase 1	DNPH1	736260000	0.0859
Q9HC98;Q&	Serine/threonine-protein kinase Nek6;Serine/thre	NEK6;NEK7	58343000	0.087328
Q15018	BRISC complex subunit Abro1	FAM175B	181620000	0.092177
P46934	E3 ubiquitin-protein ligase NEDD4	NEDD4	300400000	0.093327
Q9UN37	Vacuolar protein sorting-associated protein 4A	VPS4A	267460000	0.094823
Q9Y6N5	Sulfide:quinone oxidoreductase, mitochondrial	SQRDL	2.501E+09	0.097632
Q12981	Vesicle transport protein SEC20	BNIP1	88523000	0.098091
Q7LGA3	Heparan sulfate 2-O-sulfotransferase 1	HS2ST1	61930000	0.100614
Q9NSC5	Homer protein homolog 3	HOMER3	152230000	0.101184
P23508	Colorectal mutant cancer protein	MCC	57362000	0.10466
Q86TG7	Retrotransposon-derived protein PEG10	PEG10	34584000	0.104667
Q9Y291	28S ribosomal protein S33, mitochondrial	MRPS33	59758000	0.105191
Q96LI5;Q9I	CCR4-NOT transcription complex subunit 6-like;CC	CNOT6L;CNOT6	44087000	0.106467
Q8IZH2	5-3 exoribonuclease 1	XRN1	53576000	0.112908
Q969S3	Zinc finger protein 622	ZNF622	258970000	0.113459
Q13049	E3 ubiquitin-protein ligase TRIM32	TRIM32	76439000	0.115384
Q96EC8	Protein YIPF6	YIPF6	63437000	0.11593
Q8NEZ5	F-box only protein 22	FBXO22	289590000	0.117603
Q12905	Interleukin enhancer-binding factor 2	ILF2	5.884E+09	0.120179
Q9BTE7	DCN1-like protein 5	DCUN1D5	372960000	0.121789
Q53GQ0	Very-long-chain 3-oxoacyl-CoA reductase	HSD17B12	2.059E+09	0.123177
O00483	Cytochrome c oxidase subunit NDUFA4	NDUFA4	91204000	0.125049
Q9P1Y5	Calmodulin-regulated spectrin-associated protein :	CAMSAP3	49137000	0.126841
Q13155	Aminoacyl tRNA synthase complex-interacting mul	AIMP2	1.591E+09	0.12704
O14497	AT-rich interactive domain-containing protein 1A	ARID1A	86199000	0.128558
Q12756	Kinesin-like protein KIF1A	KIF1A	282290000	0.133131
P68871;P0:	Hemoglobin subunit beta;LVV-hemorphin-7;Spinor	HBB;HBD	18981000	0.134804
Q12789	General transcription factor 3C polypeptide 1	GTF3C1	162440000	0.13496
Q86XP3	ATP-dependent RNA helicase DDX42	DDX42	1.464E+09	0.14033
Q9NR50	Translation initiation factor eIF-2B subunit gamma	EIF2B3	364450000	0.140664
P56962	Syntaxin-17	STX17	39232000	0.141
O75165	DnaJ homolog subfamily C member 13	DNAJC13	2.56E+09	0.14288
Q8WXI9	Transcriptional repressor p66-beta	GATAD2B	146720000	0.144185
O95168	NADH dehydrogenase [ubiquinone] 1 beta subcorr	NDUFB4	276960000	0.145091
Q9NWB7	Intraflagellar transport protein 57 homolog	IFT57	66833000	0.145289
Q9BRT8;Q&	COBW domain-containing protein 1;COBW domair	CBWD1;CBWD2;CI	68803000	0.147882
Q8WUY1	Protein THEM6	THEM6	69957000	0.148491
Q1KMD3	Heterogeneous nuclear ribonucleoprotein U-like p	HNRNPUL2	498660000	0.148845
Q9H7D0	Dedicator of cytokinesis protein 5	DOCK5	104290000	0.151901



P62140	Serine/threonine-protein phosphatase PP1-beta cα	PPP1CB	539550000	0.153922
O60669	Monocarboxylate transporter 2	SLC16A7	12676000	0.155496
P61964	WD repeat-containing protein 5	WDR5	146660000	0.156039
O15084	Serine/threonine-protein phosphatase 6 regulator	ANKRD28	23705000	0.157478
O43324	Eukaryotic translation elongation factor 1 epsilon-1	EEF1E1	1.38E+09	0.158776
P41252	Isoleucine--tRNA ligase, cytoplasmic	IARS	9.194E+09	0.15988
Q969M3	Protein YIPF5	YIPF5	86174000	0.163277
P13987	CD59 glycoprotein	CD59	24812000	0.163289
Q9NVE7	Pantothenate kinase 4	PANK4	73476000	0.163877
Q86UP2	Kinectin	KTN1	6.198E+09	0.166898
Q5VTL8	Pre-mRNA-splicing factor 38B	PRPF38B	71214000	0.169238
O95249	Golgi SNAP receptor complex member 1	GOSR1	366040000	0.170561
Q96A72	Protein mago nashi homolog 2	MAGOHB	1.025E+09	0.171117
P13716	Delta-aminolevulinic acid dehydratase	ALAD	96300000	0.174083
Q9Y4W2	Ribosomal biogenesis protein LAS1L	LAS1L	181270000	0.175946
Q92643	GPI-anchor transamidase	PIGK	100510000	0.179343
Q9Y5U2	Protein TSSC4	TSSC4	39786000	0.183058
P20290	Transcription factor BTF3	BTF3	5.331E+09	0.183835
Q9Y625;O7	Glypican-6;Secreted glypican-6;Glypican-4;Secreted	GPC6;GPC4	111070000	0.184365
Q9BV36	Melanophilin	MLPH	629360000	0.184494
Q9NX63	MICOS complex subunit MIC19	CHCHD3	630570000	0.184705
Q12979	Active breakpoint cluster region-related protein	ABR	887870000	0.190289
Q8NBM4	Ubiquitin-associated domain-containing protein 2	UBAC2	22016000	0.190982
Q9BUN8	Derlin-1	DERL1	180430000	0.192277
O43414	ERI1 exoribonuclease 3	ERI3	10591000	0.19241
Q9HD26	Golgi-associated PDZ and coiled-coil motif-containing	GOPC	143850000	0.194185
P43307	Translocon-associated protein subunit alpha	SSR1	1.518E+09	0.194638
Q8TAQ2	SWI/SNF complex subunit SMARCC2	SMARCC2	839300000	0.194916
Q86TB9	Protein PAT1 homolog 1	PATL1	293090000	0.196749
P24844	Myosin regulatory light polypeptide 9	MYL9	36577000	0.201995
Q8N5C6	S1 RNA-binding domain-containing protein 1	SRBD1	49191000	0.205099
Q7Z3U7	Protein MON2 homolog	MON2	178990000	0.209932
Q9BTC0	Death-inducer obliterator 1	DIDO1	245970000	0.210127
Q9P0M9	39S ribosomal protein L27, mitochondrial	MRPL27	76636000	0.211203
Q9NUQ2	1-acyl-sn-glycerol-3-phosphate acyltransferase eps	AGPAT5	21099000	0.214405
Q9NQ29	Putative RNA-binding protein Luc7-like 1	LUC7L	20704000	0.218476
O94842	TOX high mobility group box family member 4	TOX4	72030000	0.223874
Q15796	Mothers against decapentaplegic homolog 2	SMAD2	56231000	0.226352
Q8TCC3	39S ribosomal protein L30, mitochondrial	MRPL30	79109000	0.226918
O43491	Band 4.1-like protein 2	EPB41L2	1.451E+09	0.231699
Q8NI27	THO complex subunit 2	THOC2	352960000	0.231814
Q8WUD4	Coiled-coil domain-containing protein 12	CCDC12	31613000	0.232056
P11233	Ras-related protein Ral-A	RALA	165820000	0.234069
Q9BYC9	39S ribosomal protein L20, mitochondrial	MRPL20	93487000	0.234375
P55196	Afadin	MLLT4	229250000	0.23639
Q9BWF3	RNA-binding protein 4	RBM4	671560000	0.236834
O75643	U5 small nuclear ribonucleoprotein 200 kDa helica	SNRNP200	5.588E+09	0.239924
Q9Y5B9	FACT complex subunit SPT16	SUPT16H	2.262E+09	0.243462
P35914	Hydroxymethylglutaryl-CoA lyase, mitochondrial	HMGCL	164320000	0.243716
P52907	F-actin-capping protein subunit alpha-1	CAPZA1	5.323E+09	0.244085

P26368	Splicing factor U2AF 65 kDa subunit	U2AF2	3.977E+09	0.245679
Q8WU90	Zinc finger CCCH domain-containing protein 15	ZC3H15	723550000	0.246748
P06753	Tropomyosin alpha-3 chain	TPM3	2.414E+09	0.246939
Q12800;Q9	Alpha-globin transcription factor CP2;Upstream-bi	TFCP2;UBP1	73841000	0.247211
P51398	28S ribosomal protein S29, mitochondrial	DAP3	1.006E+09	0.248893
Q16666	Gamma-interferon-inducible protein 16	IFI16	1.562E+09	0.251305
Q05519	Serine/arginine-rich splicing factor 11	SRSF11	971000000	0.251311
P62304	Small nuclear ribonucleoprotein E	SNRPE	3.29E+09	0.255697
Q7Z7F7	39S ribosomal protein L55, mitochondrial	MRPL55	204160000	0.256493
P39880	Homeobox protein cut-like 1	CUX1	51484000	0.256583
O75122	CLIP-associating protein 2	CLASP2	418420000	0.257143
Q9H0E2	Toll-interacting protein	TOLLIP	92495000	0.261523
Q53GS9	U4/U6.U5 tri-snRNP-associated protein 2	USP39	533050000	0.266017
P35659	Protein DEK	DEK	600070000	0.266057
P36957	Dihydrolipoyllysine-residue succinyltransferase cor	DLST	3.121E+09	0.267433
P62249	40S ribosomal protein S16	RPS16	1.055E+10	0.279927
Q658P3	Metalloreductase STEAP3	STEAP3	647670000	0.280145
Q13045	Protein flightless-1 homolog	FLII	1.09E+09	0.283
Q8WTS6	Histone-lysine N-methyltransferase SETD7	SETD7	255440000	0.284154
Q96A35	39S ribosomal protein L24, mitochondrial	MRPL24	644630000	0.287971
O14578	Citron Rho-interacting kinase	CIT	226400000	0.297284
Q15629	Translocating chain-associated membrane protein	TRAM1	244500000	0.300428
Q9BWU0	Kanadaplin	SLC4A1AP	292880000	0.301303
Q9BY43	Charged multivesicular body protein 4a	CHMP4A	162390000	0.303621
Q13435	Splicing factor 3B subunit 2	SF3B2	4.647E+09	0.318682
Q15070	Mitochondrial inner membrane protein OXA1L	OXA1L	134400000	0.318851
Q96GM8	Target of EGR1 protein 1	TOE1	29653000	0.32192
Q9Y265	RuvB-like 1	RUVBL1	7.703E+09	0.323251
Q9BQE3	Tubulin alpha-1C chain	TUBA1C	765790000	0.325477
O75486	Transcription initiation protein SPT3 homolog	SUPT3H	16037000	0.32557
Q13595	Transformer-2 protein homolog alpha	TRA2A	142960000	0.325753
Q8N684	Cleavage and polyadenylation specificity factor suk	CPSF7	288720000	0.326753
Q13501	Sequestosome-1	SQSTM1	3.799E+09	0.332934
O75746	Calcium-binding mitochondrial carrier protein Aral	SLC25A12	1.77E+09	0.333362
Q9Y5T5	Ubiquitin carboxyl-terminal hydrolase 16	USP16	45672000	0.335264
Q8IY17	Neuropathy target esterase	PNPLA6	444200000	0.337238
Q8NI35	InaD-like protein	INADL	726730000	0.338355
O43505	Beta-1,4-glucuronyltransferase 1	B4GAT1	86443000	0.340936
Q8N1F8	Serine/threonine-protein kinase 11-interacting prc	STK11IP	2.756E+09	0.341304
P35250	Replication factor C subunit 2	RFC2	729740000	0.343155
Q9NR12	PDZ and LIM domain protein 7	PDLIM7	485970000	0.344966
Q15648	Mediator of RNA polymerase II transcription subur	MED1	88365000	0.346093
Q9Y3D3	28S ribosomal protein S16, mitochondrial	MRPS16	159440000	0.350861
Q03001	Dystonin	DST	1.18E+09	0.35171
Q96DG6	Carboxymethylenebutenolidase homolog	CMBL	197870000	0.353102
Q08AM6	Protein VAC14 homolog	VAC14	716810000	0.355408
P19388	DNA-directed RNA polymerases I, II, and III subunit	POLR2E	430560000	0.355735
Q9BRZ2	E3 ubiquitin-protein ligase TRIM56	TRIM56	72639000	0.356588
Q8TB03	Uncharacterized protein CXorf38	CXorf38	99978000	0.357336
P49959	Double-strand break repair protein MRE11A	MRE11A	694270000	0.357764

O14545	TRAF-type zinc finger domain-containing protein 1	TRAFD1	14469000	0.357862
Q9UJ83	2-hydroxyacyl-CoA lyase 1	HACL1	54762000	0.363213
P26599	Polypyrimidine tract-binding protein 1	PTBP1	1.549E+10	0.364957
P26196	Probable ATP-dependent RNA helicase DDX6	DDX6	2.696E+09	0.365619
Q96KR1	Zinc finger RNA-binding protein	ZFR	252560000	0.366941
Q13523	Serine/threonine-protein kinase PRP4 homolog	PRPF4B	96229000	0.369045
Q96EI5	Transcription elongation factor A protein-like 4	TCEAL4	43185000	0.372403
Q92552	28S ribosomal protein S27, mitochondrial	MRPS27	980460000	0.373155
P62081	40S ribosomal protein S7	RPS7	2.549E+10	0.374186
O43264	Centromere/kinetochore protein zw10 homolog	ZW10	993530000	0.378832
Q8NC51	Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	5.04E+09	0.378841
Q9UK59	Lariat debranching enzyme	DBR1	36208000	0.381307
O14949	Cytochrome b-c1 complex subunit 8	UQCRCQ	268150000	0.381906
Q9UKA4	A-kinase anchor protein 11	AKAP11	115130000	0.387516
Q13561	Dynactin subunit 2	DCTN2	576820000	0.39474
Q8WUM9	Sodium-dependent phosphate transporter 1	SLC20A1	84448000	0.394794
O75439	Mitochondrial-processing peptidase subunit beta	PMPCB	1.34E+09	0.395445
P23396	40S ribosomal protein S3	RPS3	1.483E+10	0.397245
Q9GZL7	Ribosome biogenesis protein WDR12	WDR12	158700000	0.402704
Q9BRP8	Partner of Y14 and mago	WIBG	192860000	0.404227
P42345	Serine/threonine-protein kinase mTOR	MTOR	387280000	0.411472
O60828	Polyglutamine-binding protein 1	PQBP1	199540000	0.413086
Q53EU6	Glycerol-3-phosphate acyltransferase 3	AGPAT9	729180000	0.414685
Q08379	Golgin subfamily A member 2	GOLGA2	684240000	0.415704
Q9UMS4	Pre-mRNA-processing factor 19	PRPF19	2.471E+09	0.417389
P35251	Replication factor C subunit 1	RFC1	269590000	0.420183
Q92925	SWI/SNF-related matrix-associated actin-dependent	SMARCD2	24662000	0.420615
Q9Y2Q9	28S ribosomal protein S28, mitochondrial	MRPS28	208530000	0.423718
O75691	Small subunit processome component 20 homolog	UTP20	62189000	0.424195
Q9Y676	28S ribosomal protein S18b, mitochondrial	MRPS18B	273460000	0.425345
Q9NP92	28S ribosomal protein S30, mitochondrial	MRPS30	207890000	0.42805
P15880	40S ribosomal protein S2	RPS2	1.087E+10	0.430681
P07339	Cathepsin D;Cathepsin D light chain;Cathepsin D heavy chain	CTSD	4.752E+09	0.433022
Q5SSJ5	Heterochromatin protein 1-binding protein 3	HP1BP3	651250000	0.438024
P82664	28S ribosomal protein S10, mitochondrial	MRPS10	251960000	0.442191
O94766	Galactosylgalactosylxylosylprotein 3-beta-glucuronidase	B3GAT3	190410000	0.448316
Q9COD9	Ethanolaminephosphotransferase 1	EPT1	210790000	0.449317
P20585	DNA mismatch repair protein Msh3	MSH3	31075000	0.451741
Q13112	Chromatin assembly factor 1 subunit B	CHAF1B	53953000	0.453537
Q14739	Lamin-B receptor	LBR	2.02E+09	0.454597
B3EWF7	Laforin, isoform 9	EPM2A	14314000	0.454599
P10909	Clusterin;Clusterin beta chain;Clusterin alpha chain	CLU	188040000	0.458427
Q96DI7	U5 small nuclear ribonucleoprotein 40 kDa protein	SNRNP40	88232000	0.458902
Q8TED0	U3 small nucleolar RNA-associated protein 15 homolog	UTP15	11922000	0.461288
Q6P6C2	RNA demethylase ALKBH5	ALKBH5	160360000	0.46913
Q96SB4	SRSF protein kinase 1	SRPK1	330160000	0.46921
Q92665	28S ribosomal protein S31, mitochondrial	MRPS31	651400000	0.471328
Q8N163	Cell cycle and apoptosis regulator protein 2	CCAR2	2.375E+09	0.471855
Q9BZF9	Uveal autoantigen with coiled-coil domains and an UACA		83085000	0.471965
O43143	Pre-mRNA-splicing factor ATP-dependent RNA helicase	DHX15	3.198E+09	0.474758

Q9UJF2	Ras GTPase-activating protein nGAP	RASAL2	198810000	0.475227
Q9H000	Probable E3 ubiquitin-protein ligase makorin-2	MKRN2	142670000	0.478487
Q9H5Q4	Dimethyladenosine transferase 2, mitochondrial	TFB2M	90429000	0.483828
Q9NU22	Midasin	MDN1	295710000	0.484875
Q02127	Dihydroorotate dehydrogenase (quinone), mitochondrial	DHODH	38520000	0.485244
P02751	Fibronectin;Anastellin;Ugl-Y1;Ugl-Y2;Ugl-Y3	FN1	206490000	0.487964
Q86U38	Nucleolar protein 9	NOP9	303900000	0.488936
P62753	40S ribosomal protein S6	RPS6	6.378E+09	0.491069
P84090	Enhancer of rudimentary homolog	ERH	87359000	0.493792
P11387	DNA topoisomerase 1	TOP1	1.214E+09	0.493837
P17480	Nucleolar transcription factor 1	UBTF	100980000	0.493974
Q96CU9	FAD-dependent oxidoreductase domain-containing	FOXRED1	22429000	0.495761
Q96SZ5	2-aminoethanethiol dioxygenase	ADO	35825000	0.497511
P04150	Glucocorticoid receptor	NR3C1	71182000	0.499385
Q5T1M5	FK506-binding protein 15	FKBP15	279200000	0.499802
O94905	Erlin-2	ERLIN2	2.405E+09	0.501336
Q08170	Serine/arginine-rich splicing factor 4	SRSF4	228970000	0.501349
Q92900	Regulator of nonsense transcripts 1	UPF1	2.714E+09	0.502688
Q13724	Mannosyl-oligosaccharide glucosidase	MOGS	886930000	0.502916
Q7Z4V5	Hepatoma-derived growth factor-related protein 2	HDGFRP2	390340000	0.508452
O43813	LanC-like protein 1	LANCL1	89273000	0.5089
Q9Y315	Deoxyribose-phosphate aldolase	DERA	383270000	0.509454
P40818	Ubiquitin carboxyl-terminal hydrolase 8	USP8	36611000	0.509507
Q14011	Cold-inducible RNA-binding protein	CIRBP	1.075E+09	0.511253
P49848	Transcription initiation factor TFIID subunit 6	TAF6	20345000	0.512052
Q9H0V9	VIP36-like protein	LMAN2L	149210000	0.514992
Q9NZN8	CCR4-NOT transcription complex subunit 2	CNOT2	149450000	0.515778
P09661	U2 small nuclear ribonucleoprotein A	SNRPA1	1.092E+09	0.515932
P48681	Nestin	NES	96651000	0.520091
P62318	Small nuclear ribonucleoprotein Sm D3	SNRPD3	2.324E+09	0.520425
O60716	Catenin delta-1	CTNND1	1.439E+09	0.52625
Q7L2J0	7SK snRNA methylphosphate capping enzyme	MEPCE	209190000	0.527703
Q9BVG9	Phosphatidylserine synthase 2	PTDSS2	35507000	0.530974
Q9Y3D9	28S ribosomal protein S23, mitochondrial	MRPS23	601650000	0.536876
Q9NRZ9	Lymphoid-specific helicase	HELLS	107640000	0.537506
Q6P2Q9	Pre-mRNA-processing-splicing factor 8	PRPF8	5.404E+09	0.538299
Q5K651	Sterile alpha motif domain-containing protein 9	SAMD9	74682000	0.545288
P49458	Signal recognition particle 9 kDa protein	SRP9	568690000	0.547339
Q14161	ARF GTPase-activating protein GIT2	GIT2	220850000	0.548603
O14654	Insulin receptor substrate 4	IRS4	504230000	0.549058
Q96JB2	Conserved oligomeric Golgi complex subunit 3	COG3	180810000	0.550232
Q9NQ74	Exosome complex component RRP46	EXOSC5	93830000	0.551923
P52701	DNA mismatch repair protein Msh6	MSH6	883280000	0.552186
Q27J81	Inverted formin-2	INF2	4.077E+09	0.552291
P62847	40S ribosomal protein S24	RPS24	5.757E+09	0.552971
Q9NVC6	Mediator of RNA polymerase II transcription subunit 1	MED17	35183000	0.554574
Q9GZR7	ATP-dependent RNA helicase DDX24	DDX24	299840000	0.555225
O60762	Dolichol-phosphate mannosyltransferase subunit 1	DPM1	1.27E+09	0.555457
O14965	Aurora kinase A	AURKA	53900000	0.559478
Q9H936;Q9H937	Mitochondrial glutamate carrier 1;Mitochondrial glutamate carrier 2	SLC25A22;SLC25A23	340620000	0.562175

O00541	Pescadillo homolog	PES1	364750000	0.562798
Q9P2E9	Ribosome-binding protein 1	RRBP1	3.145E+09	0.568883
Q96K37	Solute carrier family 35 member E1	SLC35E1	109410000	0.570864
O94854	Uncharacterized protein KIAA0754	KIAA0754	44935000	0.571017
P46783	40S ribosomal protein S10	RPS10	1.126E+10	0.573355
P17066	Heat shock 70 kDa protein 6	HSPA6	4.967E+09	0.574245
Q00839	Heterogeneous nuclear ribonucleoprotein U	HNRNPU	1.122E+10	0.580217
O76071	Probable cytosolic iron-sulfur protein assembly proc	CIAO1	116490000	0.580593
Q71RC2	La-related protein 4	LARP4	345160000	0.580754
Q96PY5	Formin-like protein 2	FMNL2	148860000	0.584086
P09234	U1 small nuclear ribonucleoprotein C	SNRPC	154140000	0.58494
Q96QC0	Serine/threonine-protein phosphatase 1 regulator	PPP1R10	132450000	0.586143
Q02880	DNA topoisomerase 2-beta	TOP2B	59563000	0.587101
Q8WZ42	Titin	TTN	120700000	0.59588
P23434	Glycine cleavage system H protein, mitochondrial	GCSH	236380000	0.599168
Q9BV38	WD repeat-containing protein 18	WDR18	160910000	0.599572
A8MXV4	Nucleoside diphosphate-linked moiety X motif 19,	NUDT19	144700000	0.60625
P49773	Histidine triad nucleotide-binding protein 1	HINT1	183660000	0.606921
O94832	Unconventional myosin-Id	MYO1D	78182000	0.608515
Q6NUQ4	Transmembrane protein 214	TMEM214	72558000	0.611468
O15042	U2 snRNP-associated SURP motif-containing prote	U2SURP	1.388E+09	0.612681
Q16637	Survival motor neuron protein	SMN1	505760000	0.612939
P22830	Ferrochelatase, mitochondrial	FECH	120800000	0.614861
P08708	40S ribosomal protein S17	RPS17	8.64E+09	0.616781
E9PAV3	Nascent polypeptide-associated complex subunit a	NACA	5.279E+09	0.617465
Q9BVA1	Tubulin beta-2B chain	TUBB2B	436410000	0.619044
Q8IXM3	39S ribosomal protein L41, mitochondrial	MRPL41	544360000	0.621081
Q9BU23	Lipase maturation factor 2	LMF2	189310000	0.626637
Q9BX40	Protein LSM14 homolog B	LSM14B	204730000	0.631238
Q96I24	Far upstream element-binding protein 3	FUBP3	1.418E+09	0.631296
P62701	40S ribosomal protein S4, X isoform	RPS4X	7.362E+09	0.635856
Q9BTA9	WW domain-containing adapter protein with coile	WAC	68332000	0.63595
P47813;O1	Eukaryotic translation initiation factor 1A, X-chrom	EIF1AX;EIF1AY	1.048E+09	0.641371
O95816	BAG family molecular chaperone regulator 2	BAG2	1.215E+09	0.64889
Q16540	39S ribosomal protein L23, mitochondrial	MRPL23	165100000	0.652331
Q9UNS1	Protein timeless homolog	TIMELESS	24792000	0.652984
P57678	Gem-associated protein 4	GEMIN4	198180000	0.655112
Q9P0V3	SH3 domain-binding protein 4	SH3BP4	31698000	0.658916
Q9Y3B4	Splicing factor 3B subunit 6	SF3B6	1.1E+09	0.66213
A5YKK6	CCR4-NOT transcription complex subunit 1	CNOT1	1.282E+09	0.664484
Q14956	Transmembrane glycoprotein NMB	GPNMB	301740000	0.666107
O95819	Mitogen-activated protein kinase kinase kinase kin	MAP4K4	402610000	0.667438
P45973	Chromobox protein homolog 5	CBX5	167090000	0.66934
Q7Z478	ATP-dependent RNA helicase DHX29	DHX29	496930000	0.669789
Q9NXW2	DnaJ homolog subfamily B member 12	DNAJB12	86619000	0.671577
Q9BQ67	Glutamate-rich WD repeat-containing protein 1	GRWD1	683310000	0.671712
Q15025	TNFAIP3-interacting protein 1	TNIP1	25808000	0.673453
Q9Y613	FH1/FH2 domain-containing protein 1	FHOD1	1.354E+09	0.674962
Q9H1I8	Activating signal cointegrator 1 complex subunit 2	ASCC2	189960000	0.675611
Q6P1K8;Q1	General transcription factor IIH subunit 2-like prot	GTF2H2C;GTF2H2	43456000	0.676646

P09651;A0	Heterogeneous nuclear ribonucleoprotein A1;Hete	HNRNPA1;HNRNP	1.73E+10	0.677818
Q9NX20	39S ribosomal protein L16, mitochondrial	MRPL16	176670000	0.679185
P19525	Interferon-induced, double-stranded RNA-activate	EIF2AK2	669730000	0.681014
O75886	Signal transducing adapter molecule 2	STAM2	111210000	0.681907
Q9UKD2	mRNA turnover protein 4 homolog	MRT04	426980000	0.68207
Q9P270	SLAIN motif-containing protein 2	SLAIN2	122740000	0.682668
Q15424;Q1	Scaffold attachment factor B1;Scaffold attachment	SAFB;SAFB2	271230000	0.683485
Q8WUA2	Peptidyl-prolyl cis-trans isomerase-like 4	PPIL4	225970000	0.68573
P61247	40S ribosomal protein S3a	RPS3A	1.106E+10	0.686747
Q9H0U3	Magnesium transporter protein 1	MAGT1	200940000	0.689677
Q92499	ATP-dependent RNA helicase DDX1	DDX1	6.46E+09	0.691776
O14979	Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	2.164E+09	0.698079
P25490	Transcriptional repressor protein YY1	YY1	17954000	0.702042
Q8WY22	BRI3-binding protein	BRI3BP	101980000	0.704784
Q8NE71	ATP-binding cassette sub-family F member 1	ABCF1	942500000	0.706561
Q92615	La-related protein 4B	LARP4B	355910000	0.711487
O75818	Ribonuclease P protein subunit p40	RPP40	78412000	0.715344
Q8IXB1	DnaJ homolog subfamily C member 10	DNAJC10	305500000	0.716749
P30876	DNA-directed RNA polymerase II subunit RPB2	POLR2B	371910000	0.718847
Q96HY6	DDR GK domain-containing protein 1	DDR GK1	1.269E+09	0.720575
Q7Z3C6	Autophagy-related protein 9A	ATG9A	56892000	0.725825
Q86UL3	Glycerol-3-phosphate acyltransferase 4	AGPAT6	19051000	0.72607
P55769	NHP2-like protein 1;NHP2-like protein 1, N-termin	NHP2L1	177550000	0.726481
P49792	E3 SUMO-protein ligase RanBP2	RANBP2	1.231E+09	0.726977
Q5VYS8	Terminal uridylyltransferase 7	ZCCHC6	117630000	0.727055
Q8N8I0	Sterile alpha motif domain-containing protein 12	SAMD12	22041000	0.72887
Q03135	Caveolin-1	CAV1	1.157E+09	0.729116
Q14137	Ribosome biogenesis protein BOP1	BOP1	202860000	0.729632
Q01082	Spectrin beta chain, non-erythrocytic 1	SPTBN1	3.212E+09	0.73184
Q8N3C0	Activating signal cointegrator 1 complex subunit 3	ASCC3	301510000	0.73207
Q9Y426	C2 domain-containing protein 2	C2CD2	109030000	0.733711
Q9NV56	MRG/MORF4L-binding protein	MRGBP	159840000	0.740677
O60524	Nuclear export mediator factor NEMF	NEMF	153030000	0.741016
Q9UQB8	Brain-specific angiogenesis inhibitor 1-associated p	BAIAP2	526930000	0.748484
Q12959	Disks large homolog 1	DLG1	83219000	0.750364
Q9UQ88;P2	Cyclin-dependent kinase 11A;Cyclin-dependent kin	CDK11A;CDK11B	322870000	0.757386
Q96GY0	Zinc finger C2HC domain-containing protein 1A	ZC2HC1A	13009000	0.758788
Q96P47	Arf-GAP with GTPase, ANK repeat and PH domain-	AGAP3	270170000	0.760501
Q8TDB6	E3 ubiquitin-protein ligase DTX3L	DTX3L	137680000	0.761083
Q9HCD5	Nuclear receptor coactivator 5	NCOA5	52454000	0.761801
Q9UPT8	Zinc finger CCCH domain-containing protein 4	ZC3H4	244620000	0.763196
P53350	Serine/threonine-protein kinase PLK1	PLK1	29744000	0.763975
O43615	Mitochondrial import inner membrane translocase	TIMM44	1.615E+09	0.765486
Q96T88	E3 ubiquitin-protein ligase UHRF1	UHRF1	233600000	0.766202
O43294	Transforming growth factor beta-1-induced transcr	TGFB11	116890000	0.766666
Q7RTV0	PHD finger-like domain-containing protein 5A	PHF5A	62919000	0.769627
O15212	Prefoldin subunit 6	PFDN6	11670000	0.7698
Q6P1L8	39S ribosomal protein L14, mitochondrial	MRPL14	160760000	0.770234
O00560	Syntenin-1	SDCBP	5.529E+09	0.774857
Q8TAP9	M-phase-specific PLK1-interacting protein	MPLKIP	12342000	0.774906

Q9HD33	39S ribosomal protein L47, mitochondrial	MRPL47	312860000	0.776009
Q9NVU7	Protein SDA1 homolog	SDAD1	51180000	0.77627
Q9Y5X2	Sorting nexin-8	SNX8	257890000	0.778089
Q9NRW3	DNA dC->dU-editing enzyme APOBEC-3C	APOBEC3C	63858000	0.778176
Q8IVS2	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial	MCAT	43843000	0.780377
P52926	High mobility group protein HMGI-C	HMGA2	45132000	0.782424
Q86YP4	Transcriptional repressor p66-alpha	GATAD2A	185400000	0.791729
P12235	ADP/ATP translocase 1	SLC25A4	204460000	0.793341
Q16678	Cytochrome P450 1B1	CYP1B1	50816000	0.794662
P82675	28S ribosomal protein S5, mitochondrial	MRPS5	332360000	0.797628
Q9NZI8	Insulin-like growth factor 2 mRNA-binding protein	IGF2BP1	2.614E+09	0.798274
Q9BQ51	Programmed cell death 1 ligand 2	PDCD1LG2	10041000	0.799908
Q15029	116 kDa U5 small nuclear ribonucleoprotein complex	EFTUD2	3.743E+09	0.800285
O95714	E3 ubiquitin-protein ligase HERC2	HERC2	94183000	0.800734
Q5BJF2	Transmembrane protein 97	TMEM97	41495000	0.803481
Q8WXF1	Paraspeckle component 1	PSPC1	806580000	0.804507
Q9Y241	HIG1 domain family member 1A, mitochondrial	HIGD1A	154430000	0.805485
Q14683	Structural maintenance of chromosomes protein 1	SMC1A	1.446E+09	0.808594
O15228	Dihydroxyacetone phosphate acyltransferase	GNPAT	174320000	0.810774
Q07021	Complement component 1 Q subcomponent-binding protein	C1QBP	1.026E+10	0.812299
Q9GZZ1	N-alpha-acetyltransferase 50	NAA50	701550000	0.812819
Q9UBU9	Nuclear RNA export factor 1	NXF1	101180000	0.81542
Q08380	Galectin-3-binding protein	LGALS3BP	321180000	0.818679
Q92562	Polyphosphoinositide phosphatase	FIG4	119200000	0.820409
Q7Z739	YTH domain-containing family protein 3	YTHDF3	367350000	0.821047
Q08945	FACT complex subunit SSRP1	SSRP1	2.775E+09	0.825678
Q99661	Kinesin-like protein KIF2C	KIF2C	147970000	0.826453
Q9ULX6	A-kinase anchor protein 8-like	AKAP8L	225010000	0.829964
O43709	Probable 18S rRNA (guanine-N(7))-methyltransferase	WBSCR22	198070000	0.831586
Q15678	Tyrosine-protein phosphatase non-receptor type 1	PTPN14	113380000	0.835004
O75323	Protein NipSnap homolog 2	GBAS	334890000	0.836613
O75940	Survival of motor neuron-related-splicing factor 30	SMNDC1	228050000	0.839784
Q96TA2	ATP-dependent zinc metalloprotease YME1L1	YME1L1	328400000	0.84216
O94851	Protein-methionine sulfoxide oxidase MICAL2	MICAL2	26426000	0.845741
Q16629	Serine/arginine-rich splicing factor 7	SRSF7	921840000	0.846405
Q9NRX2	39S ribosomal protein L17, mitochondrial	MRPL17	129060000	0.849019
Q15554	Telomeric repeat-binding factor 2	TERF2	101400000	0.850083
Q9UDT6	CAP-Gly domain-containing linker protein 2	CLIP2	77215000	0.854975
P62269	40S ribosomal protein S18	RPS18	7.677E+09	0.856353
Q71UM5	40S ribosomal protein S27-like	RPS27L	213860000	0.857797
P82663	28S ribosomal protein S25, mitochondrial	MRPS25	112850000	0.85953
P82914	28S ribosomal protein S15, mitochondrial	MRPS15	33044000	0.86736
O60264	SWI/SNF-related matrix-associated actin-dependent nucleosome assembly factor 5	SMARCA5	461740000	0.870307
P22626	Heterogeneous nuclear ribonucleoproteins A2/B1	HNRNPA2B1	1.253E+10	0.872017
P0DMV9;P1	Heat shock 70 kDa protein 1B;Heat shock 70 kDa protein 1A	HSPA1B;HSPA1A	8.492E+09	0.877286
P49916	DNA ligase 3	LIG3	126370000	0.878439
P25398	40S ribosomal protein S12	RPS12	3.19E+09	0.878544
P18510	Interleukin-1 receptor antagonist protein	IL1RN	76861000	0.880739
Q96II8	Leucine-rich repeat and calponin homology domain-containing protein 3	LRCH3	23505000	0.885351
O43390	Heterogeneous nuclear ribonucleoprotein R	HNRNPR	2.05E+09	0.894483

A4D1E9	GTP-binding protein 10	GTPBP10	214310000	0.897076
O15226	NF-kappa-B-repressing factor	NKRF	32344000	0.903013
P78357	Contactin-associated protein 1	CNTNAP1	66707000	0.905964
Q8WV07	Oral cancer-overexpressed protein 1	ORAOV1	9657400	0.90671
Q59GN2;P6	Putative 60S ribosomal protein L39-like 5;60S ribos	RPL39P5;RPL39	607150000	0.907525
Q01804	OTU domain-containing protein 4	OTUD4	33466000	0.907698
P67870	Casein kinase II subunit beta	CSNK2B	180480000	0.910153
Q9Y230	RuvB-like 2	RUVBL2	6.419E+09	0.910272
Q9Y4P3	Transducin beta-like protein 2	TBL2	521540000	0.914825
P68032;P6	Actin, alpha cardiac muscle 1;Actin, gamma-enteric	ACTC1;ACTG2;ACT	1.501E+10	0.916583
O60506	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	7.764E+09	0.920463
Q9P0K7	Ankycorbin	RAI14	705020000	0.923324
Q9BZH6	WD repeat-containing protein 11	WDR11	1.681E+10	0.926348
Q96JP5	E3 ubiquitin-protein ligase ZFP91	ZFP91	53931000	0.9285
Q9ULJ3	Zinc finger and BTB domain-containing protein 21	ZBTB21	34988000	0.92855
Q8TAE8	Growth arrest and DNA damage-inducible proteins	GADD45GIP1	391660000	0.929114
Q06265	Exosome complex component RRP45	EXOSC9	283010000	0.931822
Q8NFW8	N-acetylneuraminase cytidyltransferase	CMAS	226690000	0.93478
P08047	Transcription factor Sp1	SP1	71856000	0.935165
Q9NNW5	WD repeat-containing protein 6	WDR6	157180000	0.936907
Q9Y383	Putative RNA-binding protein Luc7-like 2	LUC7L2	1.445E+09	0.93835
Q9BZF3	Oxysterol-binding protein-related protein 6	OSBPL6	44800000	0.940327
Q01780	Exosome component 10	EXOSC10	1.008E+09	0.943534
Q13310	Polyadenylate-binding protein 4	PABPC4	7.68E+09	0.953529
Q9BQ61	Uncharacterized protein C19orf43	C19orf43	255520000	0.957452
Q15149	Plectin	PLEC	2.414E+10	0.958169
P0DN76;Q	Splicing factor U2AF 35 kDa subunit	U2AF1	1.519E+09	0.958187
Q9HAB8	Phosphopantothenate--cysteine ligase	PPCS	50465000	0.958275
Q14527	Helicase-like transcription factor	HLTF	685690000	0.958982
Q9BUQ8	Probable ATP-dependent RNA helicase DDX23	DDX23	779590000	0.961194
Q8WVM0	Dimethyladenosine transferase 1, mitochondrial	TFB1M	35449000	0.963578
P61962	DDB1- and CUL4-associated factor 7	DCAF7	206850000	0.967538
Q9NPD3	Exosome complex component RRP41	EXOSC4	466830000	0.969352
Q9NZC9	SWI/SNF-related matrix-associated actin-dependent	SMARCAL1	60703000	0.97321
O15160	DNA-directed RNA polymerases I and III subunit RF	POLR1C	558130000	0.97647
P49585	Choline-phosphate cytidyltransferase A	PCYT1A	289150000	0.977874
Q9H814	Phosphorylated adapter RNA export protein	PHAX	222510000	0.979633
Q8NHQ9	ATP-dependent RNA helicase DDX55	DDX55	74998000	0.981616
P19784	Casein kinase II subunit alpha	CSNK2A2	689940000	0.988722
Q63ZY3	KN motif and ankyrin repeat domain-containing pr	KANK2	271930000	0.988904
P54132	Bloom syndrome protein	BLM	215420000	0.991686
P60866	40S ribosomal protein S20	RPS20	3.004E+09	0.996944
Q96T51	RUN and FYVE domain-containing protein 1	RUFY1	124830000	1.0001
P52597	Heterogeneous nuclear ribonucleoprotein F;Hetero	HNRNPF	8.29E+09	1.001032
O75955	Flotillin-1	FLOT1	109560000	1.002555
Q01433	AMP deaminase 2	AMPD2	347780000	1.004184
P46782	40S ribosomal protein S5;40S ribosomal protein S5	RPS5	4.905E+09	1.005341
Q9Y281	Cofilin-2	CFL2	1.703E+09	1.006067
Q6P4A7	Sideroflexin-4	SFXN4	49989000	1.007396
O14936	Peripheral plasma membrane protein CASK	CASK	37596000	1.009318



O43707	Alpha-actinin-4	ACTN4	3.557E+10	1.010711
P62857	40S ribosomal protein S28	RPS28	4.091E+09	1.011966
P62277	40S ribosomal protein S13	RPS13	1.246E+10	1.015632
P55795	Heterogeneous nuclear ribonucleoprotein H2	HNRNPH2	585410000	1.017496
Q9BU76	Multiple myeloma tumor-associated protein 2	MMTAG2	47873000	1.019974
Q15773	Myeloid leukemia factor 2	MLF2	153350000	1.020283
Q8N7H5	RNA polymerase II-associated factor 1 homolog	PAF1	437170000	1.02214
Q96DA6	Mitochondrial import inner membrane translocase	DNAJC19	80346000	1.026338
Q5VST9	Obscurin	OBSCN	157910000	1.027306
P46781	40S ribosomal protein S9	RPS9	8.704E+09	1.030497
Q7L4I2	Arginine/serine-rich coiled-coil protein 2	RSRC2	99955000	1.030901
P62263	40S ribosomal protein S14	RPS14	5.188E+09	1.031954
Q9UKN8	General transcription factor 3C polypeptide 4	GTF3C4	191740000	1.032266
Q9Y3B7	39S ribosomal protein L11, mitochondrial	MRPL11	489980000	1.039048
P40429	60S ribosomal protein L13a	RPL13A	4.411E+09	1.045471
P62888	60S ribosomal protein L30	RPL30	1.364E+09	1.048377
Q9Y3T9	Nucleolar complex protein 2 homolog	NOC2L	163110000	1.063079
O94906	Pre-mRNA-processing factor 6	PRPF6	512140000	1.065968
P53814	Smoothelin	SMTN	145310000	1.067906
Q6VY07	Phosphofurin acidic cluster sorting protein 1	PACS1	149400000	1.068676
P32969	60S ribosomal protein L9	RPL9	4.339E+09	1.06871
Q8IX12	Cell division cycle and apoptosis regulator protein	CCAR1	685230000	1.069881
Q8TEM1	Nuclear pore membrane glycoprotein 210	NUP210	191260000	1.072787
P31942	Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3	475640000	1.073575
Q02809	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	1.909E+09	1.076222
P40938	Replication factor C subunit 3	RFC3	127420000	1.078121
Q9NUQ6	SPATS2-like protein	SPATS2L	591420000	1.078267
Q8IZ69	tRNA (uracil-5-)-methyltransferase homolog A	TRMT2A	13692000	1.079582
Q16698	2,4-dienoyl-CoA reductase, mitochondrial	DECR1	1.162E+09	1.082528
P49750	YLP motif-containing protein 1	YLPM1	140880000	1.083348
Q9P035	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydrata	HACD3	1.124E+09	1.084261
Q15397	Pumilio domain-containing protein KIAA0020	KIAA0020	277990000	1.084563
P31943	Heterogeneous nuclear ribonucleoprotein H;Heter	HNRNPH1	1.243E+10	1.086206
Q8IWR0	Zinc finger CCCH domain-containing protein 7A	ZC3H7A	76355000	1.090613
O95232	Luc7-like protein 3	LUC7L3	914350000	1.09148
P62266	40S ribosomal protein S23	RPS23	3.811E+09	1.093203
Q92600	Cell differentiation protein RCD1 homolog	RQCD1	111750000	1.093624
Q9NP77	RNA polymerase II subunit A C-terminal domain p	SSU72	147580000	1.094641
Q63HN8	E3 ubiquitin-protein ligase RNF213	RNF213	815560000	1.094918
Q13510	Acid ceramidase;Acid ceramidase subunit alpha;Ac	ASAH1	312150000	1.095143
P27169	Serum paraoxonase/arylesterase 1	PON1	998990000	1.104322
Q13136	Liprin-alpha-1	PPFIA1	236950000	1.108729
Q8IVF6;A2/	Ankyrin repeat domain-containing protein 18A;Anl	ANKRD18A;ANKRC	88802000	1.113731
O75190	DnaJ homolog subfamily B member 6	DNAJB6	54069000	1.114686
Q9H300	Presenilins-associated rhomboid-like protein, mito	PARL	10525000	1.117558
P10586	Receptor-type tyrosine-protein phosphatase F	PTPRF	240210000	1.118174
L0R819		ASNSD1	59013000	1.122526
P62851	40S ribosomal protein S25	RPS25	3.848E+09	1.122879
P49756	RNA-binding protein 25	RBM25	470160000	1.123605
Q86U42	Polyadenylate-binding protein 2	PABPN1	539110000	1.130493

Q13506	NGFI-A-binding protein 1	NAB1	16318000	1.132512
P20042	Eukaryotic translation initiation factor 2 subunit 2	EIF2S2	2.126E+09	1.13571
Q15154	Pericentriolar material 1 protein	PCM1	78540000	1.138427
Q9Y3C6	Peptidyl-prolyl cis-trans isomerase-like 1	PPIL1	220480000	1.140217
Q5T5Y3	Calmodulin-regulated spectrin-associated protein	CAMSAP1	65891000	1.143195
Q8TBA6	Golgin subfamily A member 5	GOLGA5	240620000	1.144136
Q9BQ48	39S ribosomal protein L34, mitochondrial	MRPL34	48702000	1.144698
P62241	40S ribosomal protein S8	RPS8	9.492E+09	1.14906
Q96RN5	Mediator of RNA polymerase II transcription subunit 15	MED15	32656000	1.151788
P39019	40S ribosomal protein S19	RPS19	5.118E+09	1.157726
Q70UQ0	Inhibitor of nuclear factor kappa-B kinase-interacting protein	IKBIP	235090000	1.158791
P62910	60S ribosomal protein L32	RPL32	1.652E+09	1.162486
Q15024	Exosome complex component RRP42	EXOSC7	438630000	1.164926
Q9BUJ2	Heterogeneous nuclear ribonucleoprotein U-like protein 1	HNRNPUL1	1.112E+09	1.16847
Q02241	Kinesin-like protein KIF23	KIF23	213200000	1.168939
O43663	Protein regulator of cytokinesis 1	PRC1	103160000	1.169713
Q13428	Treacle protein	TCOF1	1.206E+09	1.172514
Q9HC36	rRNA methyltransferase 3, mitochondrial	RNMTL1	17349000	1.176667
P63173	60S ribosomal protein L38	RPL38	2.754E+09	1.177054
P50750	Cyclin-dependent kinase 9	CDK9	81233000	1.178724
P05386	60S acidic ribosomal protein P1	RPLP1	920250000	1.180979
Q3MHD2	Protein LSM12 homolog	LSM12	333910000	1.181517
P17096	High mobility group protein HMG-I/HMG-Y	HMGGA1	631800000	1.182772
P15407	Fos-related antigen 1	FOSL1	342520000	1.202298
O00425	Insulin-like growth factor 2 mRNA-binding protein	IGF2BP3	2.101E+09	1.204431
Q4KMP7	TBC1 domain family member 10B	TBC1D10B	375920000	1.216563
Q6PGP7	Tetratricopeptide repeat protein 37	TTC37	22398000	1.216794
P52298	Nuclear cap-binding protein subunit 2	NCBP2	83777000	1.216911
P62829	60S ribosomal protein L23	RPL23	6.107E+09	1.224802
Q12904	Aminoacyl tRNA synthase complex-interacting multiprotein 1	AIMP1	2.561E+09	1.228862
Q96B26	Exosome complex component RRP43	EXOSC8	246300000	1.22916
P68400;Q8	Casein kinase II subunit alpha;Casein kinase II subunit beta	CSNK2A1;CSNK2A2	2.97E+09	1.234484
Q9H7B2	Ribosome production factor 2 homolog	RPF2	168080000	1.235272
Q8WTT2	Nucleolar complex protein 3 homolog	NOC3L	242540000	1.237576
Q8WVC0	RNA polymerase-associated protein LEO1	LEO1	133780000	1.239686
Q8IVF7	Formin-like protein 3	FMNL3	133620000	1.240173
Q12849	G-rich sequence factor 1	GRSF1	1.857E+09	1.243472
P37108	Signal recognition particle 14 kDa protein	SRP14	3.741E+09	1.243823
P11940	Polyadenylate-binding protein 1	PABPC1	6.306E+09	1.24516
Q8IXK0	Polyhomeotic-like protein 2	PHC2	160860000	1.247517
P62854;Q5	40S ribosomal protein S26;Putative 40S ribosomal protein S26	RPS26;RPS26P11	4.491E+09	1.261526
Q02878	60S ribosomal protein L6	RPL6	1.762E+10	1.266484
Q92541	RNA polymerase-associated protein RTF1 homolog	RTF1	157290000	1.268302
Q5C9Z4	Nucleolar MIF4G domain-containing protein 1	NOM1	67136000	1.268607
Q9BPW8	Protein NipSnap homolog 1	NIPSNAP1	875720000	1.270396
Q8IWX8	Calcium homeostasis endoplasmic reticulum protein 1	CHERP	370580000	1.272149
Q8WUR7	UPF0235 protein C15orf40	C15orf40	88847000	1.274057
Q8TDD1	ATP-dependent RNA helicase DDX54	DDX54	249900000	1.277142
P42677	40S ribosomal protein S27	RPS27	3.118E+09	1.277237
Q96E11	Ribosome-recycling factor, mitochondrial	MRRF	385970000	1.277879

Q71UI9;P0	Histone H2A.V;Histone H2A.Z	H2AFV;H2AFZ	143080000	1.281585
O43854	EGF-like repeat and discoidin I-like domain-contain	EDIL3	165570000	1.28309
P48634	Protein PRRC2A	PRRC2A	118760000	1.284336
O60573	Eukaryotic translation initiation factor 4E type 2	EIF4E2	140810000	1.28574
P31689	DnaJ homolog subfamily A member 1	DNAJA1	2.7E+09	1.291544
P36578	60S ribosomal protein L4	RPL4	1.709E+10	1.292637
Q6PKG0	La-related protein 1	LARP1	3.036E+09	1.292996
P05412	Transcription factor AP-1	JUN	112160000	1.293987
O95772	MLN64 N-terminal domain homolog	STAR3NL	87298000	1.296267
Q86WJ1	Chromodomain-helicase-DNA-binding protein 1-lik	CHD1L	276820000	1.299758
P14866	Heterogeneous nuclear ribonucleoprotein L	HNRNPL	3.926E+09	1.303265
Q08211	ATP-dependent RNA helicase A	DHX9	1.191E+10	1.303814
Q6GMV2	SET and MYND domain-containing protein 5	SMYD5	86866000	1.307374
Q7Z2T5	TRMT1-like protein	TRMT1L	285680000	1.317332
Q9H2V7	Protein spinster homolog 1	SPNS1	32118000	1.317842
Q96HS1	Serine/threonine-protein phosphatase PGAM5, mi	PGAM5	714960000	1.318897
P40937	Replication factor C subunit 5	RFC5	483420000	1.319118
Q15650	Activating signal cointegrator 1	TRIP4	119060000	1.321874
Q92974	Rho guanine nucleotide exchange factor 2	ARHGEF2	2.159E+09	1.322967
P39023	60S ribosomal protein L3	RPL3	1.946E+10	1.329359
Q8NB90	Spermatogenesis-associated protein 5	SPATA5	222620000	1.332113
Q9P2Q2	FERM domain-containing protein 4A	FRMD4A	14463000	1.332304
Q92522	Histone H1x	H1FX	271100000	1.333814
Q13151	Heterogeneous nuclear ribonucleoprotein A0	HNRNPA0	1.95E+09	1.334532
Q9Y3I0	tRNA-splicing ligase RtcB homolog	RTCB	7.139E+09	1.337494
Q9BYJ9	YTH domain-containing family protein 1	YTHDF1	63845000	1.339374
O43920	NADH dehydrogenase [ubiquinone] iron-sulfur pro	NDUFS5	198650000	1.340446
Q9Y5Q9	General transcription factor 3C polypeptide 3	GTF3C3	147380000	1.351088
P37840	Alpha-synuclein	SNCA	75892000	1.352185
P55040	GTP-binding protein GEM	GEM	32282000	1.353461
Q5JTH9	RRP12-like protein	RRP12	625930000	1.361612
P06748	Nucleophosmin	NPM1	5.208E+10	1.363908
Q13243	Serine/arginine-rich splicing factor 5	SRSF5	553920000	1.369459
P05388;Q8	60S acidic ribosomal protein P0;60S acidic ribosom	RPLP0;RPLP0P6	2.39E+10	1.370851
O00139	Kinesin-like protein KIF2A	KIF2A	117730000	1.371674
Q9BQG0	Myb-binding protein 1A	MYBBP1A	2.636E+09	1.373538
P62424	60S ribosomal protein L7a	RPL7A	8.67E+09	1.373928
Q9UGR2	Zinc finger CCCH domain-containing protein 7B	ZC3H7B	82174000	1.375008
Q9H967	WD repeat-containing protein 76	WDR76	8334700	1.376168
Q8IV48	3-5 exoribonuclease 1	ERI1	44015000	1.381487
Q8WVK2	U4/U6.U5 small nuclear ribonucleoprotein 27 kDa	SNRNP27	121220000	1.383314
P82930	28S ribosomal protein S34, mitochondrial	MRPS34	227780000	1.384534
O00458	Interferon-related developmental regulator 1	IFRD1	102870000	1.388142
Q01130	Serine/arginine-rich splicing factor 2	SRSF2	2.607E+09	1.388991
O00571;O1	ATP-dependent RNA helicase DDX3X;ATP-depende	DDX3X;DDX3Y	7.758E+09	1.39025
Q13283	Ras GTPase-activating protein-binding protein 1	G3BP1	3.085E+09	1.392788
Q14257	Reticulocalbin-2	RCN2	1.417E+09	1.393893
O75475	PC4 and SFRS1-interacting protein	PSIP1	207600000	1.39712
O00411	DNA-directed RNA polymerase, mitochondrial	POLRMT	93146000	1.39864
Q13247	Serine/arginine-rich splicing factor 6	SRSF6	1.494E+09	1.401985

Q9NVH2	Integrator complex subunit 7	INTS7	356710000	1.404655
P35637	RNA-binding protein FUS	FUS	4.006E+09	1.407659
Q9P2N5	RNA-binding protein 27	RBM27	118370000	1.410563
Q4G0J3	La-related protein 7	LARP7	308580000	1.410765
P19338	Nucleolin	NCL	4.079E+10	1.412346
P49247	Ribose-5-phosphate isomerase	RPIA	131680000	1.413147
Q8IZQ5	Selenoprotein H	SELH	364110000	1.416231
Q9BZI7	Regulator of nonsense transcripts 3B	UPF3B	165910000	1.417004
Q96PK6	RNA-binding protein 14	RBM14	601180000	1.424478
Q12906	Interleukin enhancer-binding factor 3	ILF3	4.019E+09	1.426801
Q86V81	THO complex subunit 4	ALYREF	2.775E+09	1.427439
Q96EY1	DnaJ homolog subfamily A member 3, mitochondri	DNAJA3	160860000	1.428221
Q9BT25	HAUS augmin-like complex subunit 8	HAUS8	275550000	1.434093
Q9Y3B2	Exosome complex component CSL4	EXOSC1	989520000	1.437494
Q01469	Fatty acid-binding protein, epidermal	FABP5	415110000	1.439445
Q9UKX7	Nuclear pore complex protein Nup50	NUP50	298380000	1.442473
Q53F19	Uncharacterized protein C17orf85	C17orf85	342200000	1.445386
Q8N5L8	Ribonuclease P protein subunit p25-like protein	RPP25L	213120000	1.446194
Q15388	Mitochondrial import receptor subunit TOM20 hor	TOMM20	813860000	1.448229
Q02543	60S ribosomal protein L18a	RPL18A	1.496E+09	1.448982
P84103	Serine/arginine-rich splicing factor 3	SRSF3	2.338E+09	1.449052
O75381	Peroxisomal membrane protein PEX14	PEX14	103090000	1.453404
Q6NZI2	Polymerase I and transcript release factor	PTRF	4.066E+09	1.455749
Q99878;Q9	Histone H2A type 1-J;Histone H2A type 1-H;Histon	HIST1H2AJ;HIST1H	5.304E+09	1.463319
Q9NR30	Nucleolar RNA helicase 2	DDX21	3.812E+09	1.465359
Q15014	Mortality factor 4-like protein 2	MORF4L2	303670000	1.467985
O94992	Protein HEXIM1	HEXIM1	230180000	1.470791
Q14498	RNA-binding protein 39	RBM39	1.645E+09	1.471426
Q9NVI7	ATPase family AAA domain-containing protein 3A	ATAD3A	4.493E+09	1.474105
O60832	H/ACA ribonucleoprotein complex subunit 4	DKC1	627870000	1.475417
Q9NXV6	CDKN2A-interacting protein	CDKN2AIP	749120000	1.477876
P11021	78 kDa glucose-regulated protein	HSPA5	7.681E+10	1.481666
P11182	Lipoamide acyltransferase component of branched	DBT	248550000	1.488717
Q9UKV3	Apoptotic chromatin condensation inducer in the r	ACIN1	257290000	1.492855
Q9H974	Queuine tRNA-ribosyltransferase subunit QTRTD1	QTRTD1	154480000	1.494345
Q9BVP2	Guanine nucleotide-binding protein-like 3	GNL3	704740000	1.49454
Q92614	Unconventional myosin-XVIIIa	MYO18A	2.503E+09	1.494677
Q7Z2W4	Zinc finger CCCH-type antiviral protein 1	ZC3HAV1	775250000	1.49794
Q969Q0	60S ribosomal protein L36a-like	RPL36AL	656190000	1.5066
Q9Y6M1	Insulin-like growth factor 2 mRNA-binding protein	IGF2BP2	186310000	1.510495
Q9BYG3	MKI67 FHA domain-interacting nucleolar phospho	NIFK	682580000	1.512342
P22087	rRNA 2-O-methyltransferase fibrillar	FBL	524280000	1.516266
Q86VM9	Zinc finger CCCH domain-containing protein 18	ZC3H18	807750000	1.518234
P16401	Histone H1.5	HIST1H1B	814940000	1.518441
Q9Y3D7	Mitochondrial import inner membrane translocase	PAM16	166960000	1.523455
Q9H9E3	Conserved oligomeric Golgi complex subunit 4	COG4	108330000	1.527916
P46776	60S ribosomal protein L27a	RPL27A	4.693E+09	1.528077
O75175	CCR4-NOT transcription complex subunit 3	CNOT3	289130000	1.528913
Q13123	Protein Red	IK	133170000	1.529535
P78345	Ribonuclease P protein subunit p38	RPP38	1.374E+09	1.532443

O95399	Urotensin-2	UTS2	1.392E+09	1.539075
Q9H6S0	Probable ATP-dependent RNA helicase YTHDC2	YTHDC2	115520000	1.54335
P06280	Alpha-galactosidase A	GLA	189240000	1.550423
P62841	40S ribosomal protein S15	RPS15	5.716E+09	1.550496
Q9NY93	Probable ATP-dependent RNA helicase DDX56	DDX56	49867000	1.552249
Q6ZNB6	NF-X1-type zinc finger protein NFXL1	NFXL1	35488000	1.554328
P61313	60S ribosomal protein L15	RPL15	7.591E+09	1.558885
O95985	DNA topoisomerase 3-beta-1	TOP3B	24893000	1.567524
P84098	60S ribosomal protein L19	RPL19	3.749E+09	1.568491
P27635	60S ribosomal protein L10	RPL10	4.509E+09	1.569859
P18077	60S ribosomal protein L35a	RPL35A	2.948E+09	1.570657
Q9Y221	60S ribosome subunit biogenesis protein NIP7 hom	NIP7	149830000	1.573236
Q9BVQ7	Spermatogenesis-associated protein 5-like protein	SPATA5L1	69673000	1.587049
P62906	60S ribosomal protein L10a	RPL10A	5.98E+09	1.588096
Q9NQ55	Exosome complex component RRP40	EXOSC3	523530000	1.588164
Q9H0S4	Probable ATP-dependent RNA helicase DDX47	DDX47	131140000	1.596081
Q9NQ55	Suppressor of SWI4 1 homolog	PPAN	60524000	1.602194
Q16643	Drebrin	DBN1	779510000	1.603104
P46976	Glycogenin-1	GYG1	378460000	1.606121
O00165	HCLS1-associated protein X-1	HAX1	82233000	1.607437
Q06587	E3 ubiquitin-protein ligase RING1	RING1	60640000	1.608745
Q9H0G5	Nuclear speckle splicing regulatory protein 1	NSRP1	10462000	1.614944
O75400	Pre-mRNA-processing factor 40 homolog A	PRPF40A	606700000	1.621157
Q15717	ELAV-like protein 1	ELAVL1	1.224E+09	1.623771
Q8IWS0	PHD finger protein 6	PHF6	179950000	1.627442
Q9H089	Large subunit GTPase 1 homolog	LSG1	143070000	1.630966
Q96GQ7	Probable ATP-dependent RNA helicase DDX27	DDX27	17578000	1.631419
Q9BPZ3	Polyadenylate-binding protein-interacting protein	PAIP2	112790000	1.632203
Q9UHB6	LIM domain and actin-binding protein 1	LIMA1	579770000	1.641872
Q8ND56	Protein LSM14 homolog A	LSM14A	144070000	1.667877
Q7L2E3	Putative ATP-dependent RNA helicase DHX30	DHX30	1.773E+09	1.668949
P46013	Antigen KI-67	MKI67	191130000	1.670039
Q9Y2R9	28S ribosomal protein S7, mitochondrial	MRPS7	191700000	1.673429
P46779	60S ribosomal protein L28	RPL28	3.312E+09	1.673453
Q9BVJ6;Q5	U3 small nucleolar RNA-associated protein 14 hom	UTP14A;UTP14C	81051000	1.673703
Q9NZB2	Constitutive coactivator of PPAR-gamma-like prote	FAM120A	688420000	1.674042
Q7L5L3	Glycerophosphodiester phosphodiesterase domair	GDPD3	56581000	1.675387
P62244	40S ribosomal protein S15a	RPS15A	6.676E+09	1.67555
Q96ER9	Coiled-coil domain-containing protein 51	CCDC51	95265000	1.681879
Q8NI99	Angiopoietin-related protein 6	ANGPTL6	37639000	1.685861
Q12986	Transcriptional repressor NF-X1	NFX1	17109000	1.700413
P62913	60S ribosomal protein L11	RPL11	5.103E+09	1.700474
Q7Z417	Nuclear fragile X mental retardation-interacting pr	NUFIP2	1.277E+09	1.701115
Q12797	Aspartyl/asparaginyl beta-hydroxylase	ASPH	4.745E+09	1.703332
Q14978	Nucleolar and coiled-body phosphoprotein 1	NOLC1	922850000	1.710831
Q9H0H5	Rac GTPase-activating protein 1	RACGAP1	119890000	1.714232
Q9HCG8	Pre-mRNA-splicing factor CWC22 homolog	CWC22	42910000	1.714673
P19447	TFIIH basal transcription factor complex helicase XI	ERCC3	61417000	1.715379
Q07065	Cytoskeleton-associated protein 4	CKAP4	5.679E+09	1.715508
P62280	40S ribosomal protein S11	RPS11	2.503E+09	1.718004

Q9UM22	Mammalian ependymin-related protein 1	EPDR1	81229000	1.71815
Q9BVI4	Nucleolar complex protein 4 homolog	NOC4L	137830000	1.729998
P25440	Bromodomain-containing protein 2	BRD2	130680000	1.730606
Q8IYB3	Serine/arginine repetitive matrix protein 1	SRRM1	813750000	1.733505
Q7KZI7	Serine/threonine-protein kinase MARK2	MARK2	68647000	1.736209
O00567	Nucleolar protein 56	NOP56	314910000	1.736266
Q86UE4	Protein LYRIC	MTDH	1.313E+09	1.743593
O75592	E3 ubiquitin-protein ligase MYCBP2	MYCBP2	224190000	1.748209
Q13868	Exosome complex component RRP4	EXOSC2	704830000	1.757996
Q9NY61	Protein AATF	AATF	35241000	1.759372
Q15075	Early endosome antigen 1	EEA1	267880000	1.759436
Q9NYL9	Tropomodulin-3	TMOD3	598610000	1.761358
Q6UN15	Pre-mRNA 3-end-processing factor FIP1	FIP1L1	197090000	1.76423
Q5T9A4	ATPase family AAA domain-containing protein 3B	ATAD3B	1.48E+09	1.76449
Q15233	Non-POU domain-containing octamer-binding prot	NONO	6.375E+09	1.766732
Q9Y224	UPF0568 protein C14orf166	C14orf166	1.036E+09	1.768875
Q8TER5	Rho guanine nucleotide exchange factor 40	ARHGEF40	89788000	1.770013
Q9H5V9	UPF0428 protein CXorf56	CXorf56	44349000	1.773539
Q9BRT6	Protein LLP homolog	LLPH	25412000	1.777523
P46777	60S ribosomal protein L5	RPL5	6.617E+09	1.778659
Q13242	Serine/arginine-rich splicing factor 9	SRSF9	243730000	1.786017
Q96AG4	Leucine-rich repeat-containing protein 59	LRRC59	7.91E+09	1.789229
Q15287	RNA-binding protein with serine-rich domain 1	RNPS1	133450000	1.793498
Q8IUD2	ELKS/Rab6-interacting/CAST family member 1	ERC1	200420000	1.798395
Q9UJV9	Probable ATP-dependent RNA helicase DDX41	DDX41	113950000	1.814365
Q9H6F5	Coiled-coil domain-containing protein 86	CCDC86	51766000	1.817694
Q16778;P3	Histone H2B type 2-E;Histone H2B type 1-B;Histon	HIST2H2BE;HIST1H	83871000	1.821616
P26373	60S ribosomal protein L13	RPL13	7.588E+09	1.82279
P62995	Transformer-2 protein homolog beta	TRA2B	573130000	1.8248
Q99880;Q9	Histone H2B type 1-L;Histone H2B type 1-M;Histon	HIST1H2BL;HIST1H	7.155E+09	1.826912
Q92743	Serine protease HTRA1	HTRA1	33707000	1.83449
Q5RKV6	Exosome complex component MTR3	EXOSC6	670340000	1.840378
Q9NYF8	Bcl-2-associated transcription factor 1	BCLAF1	205250000	1.843807
Q55W79	Centrosomal protein of 170 kDa	CEP170	1.088E+09	1.844717
O15446	DNA-directed RNA polymerase I subunit RPA34	CD3EAP	100940000	1.845651
Q9UEU0	Vesicle transport through interaction with t-SNARE	VTI1B	136390000	1.860543
Q9BW60	Elongation of very long chain fatty acids protein 1	ELOVL1	101320000	1.861143
P38159;Q9	RNA-binding motif protein, X chromosome;RNA-bi	RBMX;RBMXL1	1.257E+09	1.863475
O75569	Interferon-inducible double-stranded RNA-depend	PRKRA	206000000	1.86355
Q5UIP0	Telomere-associated protein RIF1	RIF1	374590000	1.866992
P09496	Clathrin light chain A	CLTA	97553000	1.867394
Q6P5R6	60S ribosomal protein L22-like 1	RPL22L1	2.142E+09	1.871462
Q07020	60S ribosomal protein L18	RPL18	8.067E+09	1.875762
Q70Z53	Protein FRA10AC1	FRA10AC1	33955000	1.875992
P52272	Heterogeneous nuclear ribonucleoprotein M	HNRNPM	1.056E+10	1.878543
O00206	Toll-like receptor 4	TLR4	282320000	1.889157
P46020	Phosphorylase b kinase regulatory subunit alpha, s	PHKA1	18515000	1.897378
P46778	60S ribosomal protein L21	RPL21	4.223E+09	1.89904
P23246	Splicing factor, proline- and glutamine-rich	SFPQ	8.996E+09	1.900787
P62750	60S ribosomal protein L23a	RPL23A	5.112E+09	1.902039

P11441	Ubiquitin-like protein 4A	UBL4A	74810000	1.902051
O43633	Charged multivesicular body protein 2a	CHMP2A	177310000	1.902239
Q92841	Probable ATP-dependent RNA helicase DDX17	DDX17	4.257E+09	1.908861
P49790	Nuclear pore complex protein Nup153	NUP153	98715000	1.919322
P47914	60S ribosomal protein L29	RPL29	2.036E+09	1.919351
Q9H0U9	Testis-specific Y-encoded-like protein 1	TSPYL1	26153000	1.919762
A2A3N6	Putative PIP5K1A and PSMD4-like protein	PIPSL	28101000	1.920043
P18124	60S ribosomal protein L7	RPL7	1.65E+10	1.927603
Q7RTP6	Protein-methionine sulfoxide oxidase MICAL3	MICAL3	96987000	1.932067
P02545	Prelamin-A/C;Lamin-A/C	LMNA	7.284E+09	1.932803
P30050	60S ribosomal protein L12	RPL12	7.702E+09	1.936532
Q12899	Tripartite motif-containing protein 26	TRIM26	6914000	1.944646
P18621	60S ribosomal protein L17	RPL17	4.905E+09	1.947942
Q53EZ4	Centrosomal protein of 55 kDa	CEP55	75609000	1.951609
P22061	Protein-L-isoaspartate(D-aspartate) O-methyltrans PCMT1	PCMT1	4.282E+09	1.953089
P50914	60S ribosomal protein L14	RPL14	4.442E+09	1.954075
Q9H6R4	Nucleolar protein 6	NOL6	144160000	1.967239
Q6VMQ6	Activating transcription factor 7-interacting protein	ATF7IP	62654000	1.976028
P17844	Probable ATP-dependent RNA helicase DDX5	DDX5	4.942E+09	1.98294
Q49A26	Putative oxidoreductase GLYR1	GLYR1	12203000	1.993675
Q9Y5Q8	General transcription factor 3C polypeptide 5	GTF3C5	140260000	1.994333
Q9NW13	RNA-binding protein 28	RBM28	378510000	1.994744
P62316	Small nuclear ribonucleoprotein Sm D2	SNRPD2	2.223E+09	1.998774
Q96C57	Uncharacterized protein C12orf43	C12orf43	116370000	1.999298
Q15646	2-5-oligoadenylate synthase-like protein	OASL	126610000	2.014627
Q96I25	Splicing factor 45	RBM17	234770000	2.019956
P43235	Cathepsin K	CTSK	6780700	2.031905
P61353	60S ribosomal protein L27	RPL27	5.148E+09	2.032346
P56182	Ribosomal RNA processing protein 1 homolog A	RRP1	158410000	2.035959
Q9NVP1	ATP-dependent RNA helicase DDX18	DDX18	356890000	2.037424
Q14690	Protein RRP5 homolog	PDCD11	150570000	2.044461
Q9BQ39	ATP-dependent RNA helicase DDX50	DDX50	220820000	2.044498
P35268	60S ribosomal protein L22	RPL22	2.128E+09	2.047401
Q9Y4C8	Probable RNA-binding protein 19	RBM19	60235000	2.059061
P61254	60S ribosomal protein L26	RPL26	2.37E+09	2.060317
Q8N999	Uncharacterized protein C12orf29	C12orf29	75137000	2.065913
Q5T2N8	ATPase family AAA domain-containing protein 3C	ATAD3C	21083000	2.066337
Q9H0A0	N-acetyltransferase 10	NAT10	848800000	2.071503
Q96QR8	Transcriptional activator protein Pur-beta	PURB	197350000	2.077594
P29558;Q1	RNA-binding motif, single-stranded-interacting protein	RBMS1;RBMS2	27120000	2.083796
P16989	Y-box-binding protein 3	YBX3	1.338E+09	2.088213
Q9NY12	H/ACA ribonucleoprotein complex subunit 1	GAR1	13671000	2.092197
Q9BY77	Polymerase delta-interacting protein 3	POLDIP3	224000000	2.095232
Q8N9T8	Protein KRI1 homolog	KRI1	41674000	2.096718
O43159	Ribosomal RNA-processing protein 8	RRP8	10204000	2.101005
P51991	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	3.838E+09	2.10146
Q3KQU3	MAP7 domain-containing protein 1	MAP7D1	285250000	2.103333
P62805	Histone H4	HIST1H4A	2.755E+09	2.104813
Q9NTJ5	Phosphatidylinositol phosphatase SAC1	SACM1L	4.729E+09	2.106547
Q9NUL3	Double-stranded RNA-binding protein Staufen homolog	STAU2	37849000	2.114965

E9PRG8	Uncharacterized protein C11orf98	C11orf98	119080000	2.126787
P49207	60S ribosomal protein L34	RPL34	2.397E+09	2.127032
O75970	Multiple PDZ domain protein	MPDZ	41533000	2.13265
Q9HAU5	Regulator of nonsense transcripts 2	UPF2	149610000	2.136502
P84243;Q7	Histone H3.3;Histone H3.2;Histone H3.1t;Histone H3.1;Histone H3.2t;Histone H3.3t;H3F3A;HIST2H3A;t		777340000	2.136603
Q9Y6H1;Q5	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2	CHCHD2;CHCHD2F	501520000	2.14848
Q96BW9	Phosphatidate cytidyltransferase, mitochondrial	TAMM41	67225000	2.151275
Q9H0D6	5-3 exoribonuclease 2	XRN2	1.138E+09	2.153174
Q15633	RISC-loading complex subunit TARBP2	TARBP2	33707000	2.160244
P04792	Heat shock protein beta-1	HSPB1	5.474E+09	2.1619
P04040	Catalase	CAT	5.266E+10	2.165107
Q03701	CCAAT/enhancer-binding protein zeta	CEBPZ	194210000	2.186718
P16403	Histone H1.2	HIST1H1C	1.97E+09	2.190734
O95400	CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2	522400000	2.191367
Q9Y3U8	60S ribosomal protein L36	RPL36	1.056E+09	2.199109
P62899	60S ribosomal protein L31	RPL31	5.922E+09	2.203712
Q9Y3Y2	Chromatin target of PRMT1 protein	CHTOP	134110000	2.214762
Q6FI81	Anamorsin	CIAPIN1	1.928E+09	2.216503
Q9Y5A9	YTH domain-containing family protein 2	YTHDF2	328710000	2.220688
Q96CT7	Coiled-coil domain-containing protein 124	CCDC124	838180000	2.220925
Q14331	Protein FRG1	FRG1	52814000	2.222185
P19838	Nuclear factor NF-kappa-B p105 subunit;Nuclear factor kappa-B subunit 1	NFKB1	112560000	2.224215
P98175	RNA-binding protein 10	RBM10	222850000	2.232014
P42766	60S ribosomal protein L35	RPL35	3.87E+09	2.232353
P42166	Lamina-associated polypeptide 2, isoform alpha;Tf	TMPO	1.617E+09	2.234158
P62917	60S ribosomal protein L8	RPL8	5.478E+09	2.238649
O43251;Q9	RNA binding protein fox-1 homolog 2;RNA binding protein 2	RBFOX2;RBFOX1	81029000	2.242927
P62987;P0	Ubiquitin-60S ribosomal protein L40;Ubiquitin;60S ribosomal protein L40	UBA52;UBB;UBC	2.857E+09	2.246078
P78316	Nucleolar protein 14	NOP14	104310000	2.252969
O75223	Gamma-glutamylcyclotransferase	GGCT	352380000	2.256376
Q9Y3B9	RRP15-like protein	RRP15	46342000	2.270189
Q9Y2W1	Thyroid hormone receptor-associated protein 3	THRAP3	367810000	2.283598
O76021	Ribosomal L1 domain-containing protein 1	RSL1D1	1.229E+09	2.305123
P67809	Nuclease-sensitive element-binding protein 1	YBX1	8.578E+09	2.312258
Q86XZ4	Spermatogenesis-associated serine-rich protein 2	SPATS2	181590000	2.315778
Q1ED39	Lysine-rich nucleolar protein 1	KNOP1	14152000	2.316589
Q14444	Caprin-1	CAPRIN1	2.902E+09	2.316818
Q9HCE1	Putative helicase MOV-10	MOV10	800250000	2.324659
O43464	Serine protease HTRA2, mitochondrial	HTRA2	289920000	2.329951
P29323	Ephrin type-B receptor 2	EPHB2	223440000	2.330609
Q5T3I0	G patch domain-containing protein 4	GPATCH4	163190000	2.333574
Q14684	Ribosomal RNA processing protein 1 homolog B	RRP1B	323790000	2.335986
O95793	Double-stranded RNA-binding protein Staufen homolog 1	STAU1	999300000	2.340561
P83731	60S ribosomal protein L24	RPL24	4.644E+09	2.366572
Q14694	Ubiquitin carboxyl-terminal hydrolase 10	USP10	273210000	2.369507
Q9UJX5	Anaphase-promoting complex subunit 4	ANAPC4	271080000	2.398884
Q07955	Serine/arginine-rich splicing factor 1	SRSF1	1.768E+09	2.40063
Q9BWE0	Replication initiator 1	REPIN1	24228000	2.401183
Q9Y3C1	Nucleolar protein 16	NOP16	38109000	2.40504
O75330	Hyaluronan mediated motility receptor	HMMR	77731000	2.415949



Q5T5P2	Sickle tail protein homolog	KIAA1217	431770000	2.419373
P05387	60S acidic ribosomal protein P2	RPLP2	2.359E+09	2.422696
P38646	Stress-70 protein, mitochondrial	HSPA9	4.481E+10	2.427241
Q9UKJ3	G patch domain-containing protein 8	GPATCH8	127020000	2.4332
Q9Y2X3	Nucleolar protein 58	NOP58	413700000	2.435316
Q9BUB5	MAP kinase-interacting serine/threonine-protein k	MKNK1	201220000	2.442631
P14373	Zinc finger protein RFP	TRIM27	54081000	2.46315
Q00577	Transcriptional activator protein Pur-alpha	PURA	650860000	2.476588
Q9BZE4	Nucleolar GTP-binding protein 1	GTPBP4	619090000	2.48072
P46087	Probable 28S rRNA (cytosine(4447)-C(5))-methyltr	NOP2	829490000	2.49056
P46100	Transcriptional regulator ATRX	ATRX	38868000	2.545439
Q9Y2I8	WD repeat-containing protein 37	WDR37	106850000	2.550504
Q13573	SNW domain-containing protein 1	SNW1	489040000	2.59127
P11388	DNA topoisomerase 2-alpha	TOP2A	104730000	2.593561
P55265	Double-stranded RNA-specific adenosine deamina	ADAR	251870000	2.635287
Q9UJX3	Anaphase-promoting complex subunit 7	ANAPC7	244660000	2.643758
Q14651	Plastin-1	PLS1	131500000	2.651843
P54802	Alpha-N-acetylglucosaminidase;Alpha-N-acetylgluc	NAGLU	33843000	2.660004
Q9UN86	Ras GTPase-activating protein-binding protein 2	G3BP2	735880000	2.66095
Q8IX01	SURP and G-patch domain-containing protein 2	SUGP2	257790000	2.670349
Q9ULV4	Coronin-1C	CORO1C	4.689E+09	2.671374
P08651	Nuclear factor 1 C-type	NFIC	44070000	2.681731
Q00059	Transcription factor A, mitochondrial	TFAM	145540000	2.683724
Q6PK04	Coiled-coil domain-containing protein 137	CCDC137	16186000	2.689691
O43290	U4/U6.U5 tri-snRNP-associated protein 1	SART1	415690000	2.714025
P48729	Casein kinase I isoform alpha	CSNK1A1	395000000	2.726248
Q9BRJ6	Uncharacterized protein C7orf50	C7orf50	330040000	2.733649
Q9Y2R4	Probable ATP-dependent RNA helicase DDX52	DDX52	40854000	2.748031
Q8NCA5	Protein FAM98A	FAM98A	527470000	2.806683
P61513	60S ribosomal protein L37a	RPL37A	613010000	2.829505
Q99459	Cell division cycle 5-like protein	CDC5L	959710000	2.83403
A6NHR9	Structural maintenance of chromosomes flexible h	SMCHD1	344230000	2.83872
Q9NX58	Cell growth-regulating nucleolar protein	LYAR	796950000	2.853744
Q99848	Probable rRNA-processing protein EBP2	EBNA1BP2	302800000	2.861214
P50402	Emerin	EMD	833910000	2.87117
P43243	Matrin-3	MATR3	3.584E+09	2.882443
Q66PJ3	ADP-ribosylation factor-like protein 6-interacting p	ARL6IP4	171120000	2.890182
O00178	GTP-binding protein 1	GTPBP1	615700000	2.907024
Q13867	Bleomycin hydrolase	BLMH	1.11E+09	2.907276
Q6WKZ4	Rab11 family-interacting protein 1	RAB11FIP1	108000000	2.922746
Q9NX24	H/ACA ribonucleoprotein complex subunit 2	NHP2	36346000	2.933556
Q9UJX4	Anaphase-promoting complex subunit 5	ANAPC5	173370000	2.950585
Q5MNZ9	WD repeat domain phosphoinositide-interacting p	WIP1	450750000	2.951847
Q9BPX7	UPF0415 protein C7orf25	C7orf25	7305400	2.954304
Q9Y520	Protein PRRC2C	PRRC2C	1.413E+09	3.002486
Q9BVS4	Serine/threonine-protein kinase RIO2	RIOK2	173680000	3.00561
Q8TDN6	Ribosome biogenesis protein BRX1 homolog	BRX1	577480000	3.00689
Q9UKG1	DCC-interacting protein 13-alpha	APPL1	550860000	3.011066
O14974	Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	445400000	3.022295
Q15050	Ribosome biogenesis regulatory protein homolog	RRS1	90407000	3.02443

P51114	Fragile X mental retardation syndrome-related pro FXR1		2.212E+09	3.030866
P08670	Vimentin	VIM	1.338E+10	3.042313
O94964	Protein SOGA1;N-terminal form;C-terminal 80 kDa SOGA1		121870000	3.043707
Q9H1A4	Anaphase-promoting complex subunit 1	ANAPC1	477610000	3.064478
Q9UHD2	Serine/threonine-protein kinase TBK1	TBK1	664530000	3.068334
Q9Y608	Leucine-rich repeat flightless-interacting protein 2	LRRFIP2	138350000	3.086521
P27448	MAP/microtubule affinity-regulating kinase 3	MARK3	35553000	3.086684
P16152	Carbonyl reductase [NADPH] 1	CBR1	8.961E+09	3.103467
Q96KG9	N-terminal kinase-like protein	SCYL1	1.199E+09	3.113649
P07910;A0	Heterogeneous nuclear ribonucleoproteins C1/C2; HNRNPC;HNRNPC1		5.595E+09	3.123294
Q92804	TATA-binding protein-associated factor 2N	TAF15	491530000	3.132379
Q9ULW0	Targeting protein for Xklp2	TPX2	33567000	3.158279
P42696	RNA-binding protein 34	RBM34	72035000	3.160683
Q9HAN9	Nicotinamide/nicotinic acid mononucleotide adenyl	NMNAT1	184810000	3.168322
O95479	GDH/6PGL endoplasmic bifunctional protein;Glucose 6-phosphate dehydrogenase	H6PD	38325000	3.183254
Q8WVF5	BTB/POZ domain-containing protein KCTD4	KCTD4	99151000	3.199171
Q06787	Fragile X mental retardation protein 1	FMR1	403840000	3.213306
P38935	DNA-binding protein SMUBP-2	IGHMBP2	24697000	3.221368
Q9NYJ8	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1	TAB2	34087000	3.225234
Q6WCQ1	Myosin phosphatase Rho-interacting protein	MPRIP	1.097E+09	3.265974
P12814	Alpha-actinin-1	ACTN1	9.639E+09	3.299655
Q9H4K7	Mitochondrial ribosome-associated GTPase 2	MTG2	22044000	3.34028
Q9H6W3	Bifunctional lysine-specific demethylase and histone demethylase	NO66	9971300	3.340411
P51116	Fragile X mental retardation syndrome-related pro FXR2		750390000	3.356977
O95453	Poly(A)-specific ribonuclease PARN	PARN	149900000	3.365007
Q9UDY2	Tight junction protein ZO-2	TJP2	2.318E+09	3.455966
O95425	Supervillin	SVIL	28220000	3.473601
O94875	Sorbin and SH3 domain-containing protein 2	SORBS2	20503000	3.485524
Q13813	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	5.045E+09	3.493301
Q8IY81	pre-rRNA processing protein FTSJ3	FTSJ3	479070000	3.512954
Q7Z6B7	SLIT-ROBO Rho GTPase-activating protein 1	SRGAP1	94381000	3.562448
Q99873	Protein arginine N-methyltransferase 1	PRMT1	4.722E+09	3.701188
Q9H307	Pinin	PNN	448800000	3.7256
Q9ULQ1	Two pore calcium channel protein 1	TPCN1	15526000	3.778606
Q9UKM9	RNA-binding protein Raly	RALY	270190000	3.808557
Q96CX2	BTB/POZ domain-containing protein KCTD12	KCTD12	2.153E+09	3.813539
P30260	Cell division cycle protein 27 homolog	CDC27	539910000	3.849701
P83111	Serine beta-lactamase-like protein LACTB, mitochondrial	LACTB	191610000	3.86001
O75145	Liprin-alpha-3	PPFIA3	252740000	3.956597
P35580	Myosin-10	MYH10	8.469E+09	3.991994
Q7Z4L5	Tetratricopeptide repeat protein 21B	TTC21B	114170000	4.046948
O75044	SLIT-ROBO Rho GTPase-activating protein 2	SRGAP2	124910000	4.05977
Q8N806	Putative E3 ubiquitin-protein ligase UBR7	UBR7	1.104E+09	4.132703
O75828	Carbonyl reductase [NADPH] 3	CBR3	2.042E+09	4.135369
Q8IY37	Probable ATP-dependent RNA helicase DHX37	DHX37	62890000	4.168421
Q69YQ0	Cytospin-A	SPECC1L	401500000	4.222877
Q5M775	Cytospin-B	SPECC1	86691000	4.242875
P78347	General transcription factor II-I	GTF2I	9.015E+09	4.270077
Q9UQ35	Serine/arginine repetitive matrix protein 2	SRRM2	1.778E+09	4.311073
Q8TD55	Pleckstrin homology domain-containing family O member 2	PLEKHO2	206790000	4.34207

Q9BQS8	FYVE and coiled-coil domain-containing protein 1	FYCO1	460050000	4.360571
Q86V48	Leucine zipper protein 1	LUZP1	39967000	4.380927
P29508;P44	Serpin B3;Serpin B4	SERPINB3;SERPINE	113980000	4.389839
Q9NVR0	Kelch-like protein 11	KLHL11	189620000	4.396562
O95218	Zinc finger Ran-binding domain-containing protein	ZRANB2	427660000	4.439041
Q07157	Tight junction protein ZO-1	TJP1	631030000	4.50253
Q8WVV4	Protein POF1B	POF1B	47421000	4.669363
P83881	60S ribosomal protein L36a	RPL36A	215150000	4.732743
Q9UI42	Carboxypeptidase A4	CPA4	68129000	4.754822
P17302	Gap junction alpha-1 protein	GJA1	233450000	4.799272
Q7L5D6	Golgi to ER traffic protein 4 homolog	GET4	941620000	4.851023
P83916	Chromobox protein homolog 1	CBX1	259210000	4.933376
A6ND36	Protein FAM83G	FAM83G	371690000	5.298068
Q9BRK4	Leucine zipper putative tumor suppressor 2	LZTS2	75210000	5.33998
Q8IUR6	CREB3 regulatory factor	CREBRF	67438000	5.365834
Q8TAA9	Vang-like protein 1	VANGL1	82151000	5.509439
Q9UQ03	Coronin-2B	CORO2B	82264000	5.608199
P81605	Dermcidin;Survival-promoting peptide;DCD-1	DCD	670380000	5.685468
P46379	Large proline-rich protein BAG6	BAG6	3.846E+09	5.806973
P60006	Anaphase-promoting complex subunit 15	ANAPC15	4507400	5.899496
Q9UJX2	Cell division cycle protein 23 homolog	CDC23	138960000	6.033636
P35908	Keratin, type II cytoskeletal 2 epidermal	KRT2	2.912E+10	6.156368
Q5BKY9	Protein FAM133B	FAM133B	26705000	6.512067
O60783	28S ribosomal protein S14, mitochondrial	MRPS14	591540000	6.521307
Q02413	Desmoglein-1	DSG1	409370000	6.62297
P14923	Junction plakoglobin	JUP	305790000	6.714096
P15924	Desmoplakin	DSP	1.471E+09	6.74599
P00736	Complement C1r subcomponent;Complement C1r	C1R	116490000	6.77378
Q5T749	Keratinocyte proline-rich protein	KPRP	39765000	6.785657
Q13042	Cell division cycle protein 16 homolog	CDC16	375580000	6.858132
Q9Y4B5	Microtubule cross-linking factor 1	MTCL1	59784000	7.232892
Q6UWP8	Suprabasin	SBSN	39201000	7.23423
Q92844	TRAF family member-associated NF-kappa-B activator	TANK	105820000	7.447244
P06312	Ig kappa chain V-IV region	IGKV4-1	140440000	7.736079
Q08554	Desmocollin-1	DSC1	111390000	7.771449
P28799	Granulins;Acrogranin;Paragranulin;Granulin-1;Grar	GRN	326620000	8.112904
Q9NZT1	Calmodulin-like protein 5	CALML5	624150000	8.227778
P31944	Caspase-14;Caspase-14 subunit p17, mature form;	CASP14	331480000	8.816134
Q8IWB9	Testis-expressed sequence 2 protein	TEX2	427770000	9.149067
P40145	Adenylate cyclase type 8	ADCY8	497780000	9.775896
P19474	E3 ubiquitin-protein ligase TRIM21	TRIM21	800570000	10.72909
Q7Z2W7	Transient receptor potential cation channel subfamily 8	TRPM8	629030000	10.96603
P25311	Zinc-alpha-2-glycoprotein	AZGP1	275930000	11.34477
P01857;P01	Ig gamma-1 chain C region;Ig gamma-3 chain C region	IGHG1;IGHG3	3.028E+10	16.25345
P07942	Laminin subunit beta-1	LAMB1	4.635E+10	INFINITE
Q6NSI4	Uncharacterized protein CXorf57	CXorf57	9.631E+09	INFINITE
Q96QH2	PML-RARA-regulated adapter molecule 1	PRAM1	9.546E+09	INFINITE
A8K2U0	Alpha-2-macroglobulin-like protein 1	A2ML1	8.067E+09	INFINITE
P07954	Fumarate hydratase, mitochondrial	FH	7.554E+09	INFINITE
P54577	Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA	YARS	6.953E+09	INFINITE

P78417	Glutathione S-transferase omega-1	GSTO1	5.237E+09	INFINITE
O15067	Phosphoribosylformylglycinamide synthase	PFAS	3.507E+09	INFINITE
Q02818	Nucleobindin-1	NUCB1	3.332E+09	INFINITE
Q9P287	BRCA2 and CDKN1A-interacting protein	BCCIP	3.182E+09	INFINITE
Q9Y617	Phosphoserine aminotransferase	PSAT1	3.099E+09	INFINITE
P09936	Ubiquitin carboxyl-terminal hydrolase isozyme L1	UCHL1	2.887E+09	INFINITE
P09960	Leukotriene A-4 hydrolase	LTA4H	2.772E+09	INFINITE
Q9UBE0	SUMO-activating enzyme subunit 1;SUMO-activati	SAE1	2.551E+09	INFINITE
Q04446	1,4-alpha-glucan-branching enzyme	GBE1	2.463E+09	INFINITE
O94979	Protein transport protein Sec31A	SEC31A	2.436E+09	INFINITE
Q9BTT0	Acidic leucine-rich nuclear phosphoprotein 32 fam	ANP32E	2.414E+09	INFINITE
P01834	Ig kappa chain C region	IGKC	2.388E+09	INFINITE
Q15435	Protein phosphatase 1 regulatory subunit 7	PPP1R7	2.358E+09	INFINITE
Q14166	Tubulin--tyrosine ligase-like protein 12	TTL12	2.342E+09	INFINITE
P21399	Cytoplasmic aconitate hydratase	ACO1	2.327E+09	INFINITE
Q92597	Protein NDRG1	NDRG1	2.174E+09	INFINITE
A6NJG6	Arginine-fifty homeobox	ARGFX	2.113E+09	INFINITE
Q15257	Serine/threonine-protein phosphatase 2A activato	PPP2R4	2.073E+09	INFINITE
P31150	Rab GDP dissociation inhibitor alpha	GDI1	2.018E+09	INFINITE
O96008	Mitochondrial import receptor subunit TOM40 hor	TOMM40	1.914E+09	INFINITE
Q15813	Tubulin-specific chaperone E	TBCE	1.89E+09	INFINITE
P53004	Biliverdin reductase A	BLVRA	1.816E+09	INFINITE
Q9UBQ7	Glyoxylate reductase/hydroxypyruvate reductase	GRHPR	1.783E+09	INFINITE
O75153	Clustered mitochondria protein homolog	CLUH	1.781E+09	INFINITE
P30837	Aldehyde dehydrogenase X, mitochondrial	ALDH1B1	1.716E+09	INFINITE
P31040	Succinate dehydrogenase [ubiquinone] flavoprotei	SDHA	1.631E+09	INFINITE
O75347	Tubulin-specific chaperone A	TBCA	1.629E+09	INFINITE
P0DN79;P3	Cystathionine beta-synthase	CBS	1.598E+09	INFINITE
P16435	NADPH--cytochrome P450 reductase	POR	1.582E+09	INFINITE
Q9NUU7	ATP-dependent RNA helicase DDX19A	DDX19A	1.573E+09	INFINITE
Q99598	Translin-associated protein X	TSNAX	1.555E+09	INFINITE
O60271	C-Jun-amino-terminal kinase-interacting protein 4	SPAG9	1.539E+09	INFINITE
P19623	Spermidine synthase	SRM	1.511E+09	INFINITE
P05091	Aldehyde dehydrogenase, mitochondrial	ALDH2	1.503E+09	INFINITE
Q14019	Coactosin-like protein	COTL1	1.492E+09	INFINITE
Q13126	S-methyl-5-thioadenosine phosphorylase	MTAP	1.489E+09	INFINITE
Q14914	Prostaglandin reductase 1	PTGR1	1.48E+09	INFINITE
Q10567	AP-1 complex subunit beta-1	AP1B1	1.445E+09	INFINITE
O14929	Histone acetyltransferase type B catalytic subunit	HAT1	1.407E+09	INFINITE
P49753;Q8	Acyl-coenzyme A thioesterase 2, mitochondrial;Ac	ACOT2;ACOT1	1.388E+09	INFINITE
P48147	Prolyl endopeptidase	PREP	1.372E+09	INFINITE
Q86UE8	Serine/threonine-protein kinase tousled-like 2	TLK2	1.319E+09	INFINITE
Q9BRX8	Redox-regulatory protein FAM213A	FAM213A	1.318E+09	INFINITE
Q9HB07	UPF0160 protein MYG1, mitochondrial	C12orf10	1.298E+09	INFINITE
Q9BWD1	Acetyl-CoA acetyltransferase, cytosolic	ACAT2	1.284E+09	INFINITE
Q04760	Lactoylglutathione lyase	GLO1	1.272E+09	INFINITE
Q9Y237	Peptidyl-prolyl cis-trans isomerase NIMA-interactir	PIN4	1.235E+09	INFINITE
Q8IY67	Ribonucleoprotein PTB-binding 1	RAVER1	1.227E+09	INFINITE
Q6PIU2	Neutral cholesterol ester hydrolase 1	NCEH1	1.222E+09	INFINITE
P00568	Adenylate kinase isoenzyme 1	AK1	1.222E+09	INFINITE

Q96RP9	Elongation factor G, mitochondrial	GFM1	1.206E+09	INFINITE
P15586	N-acetylglucosamine-6-sulfatase	GNS	1.189E+09	INFINITE
P49903	Selenide, water dikinase 1	SEPHS1	1.17E+09	INFINITE
Q9NRV9	Heme-binding protein 1	HEBP1	1.152E+09	INFINITE
PODPI2;A0A0B4J2D5			1.138E+09	INFINITE
P17252	Protein kinase C alpha type	PRKCA	1.137E+09	INFINITE
O94973	AP-2 complex subunit alpha-2	AP2A2	1.101E+09	INFINITE
Q96PE2	Rho guanine nucleotide exchange factor 17	ARHGEF17	1.1E+09	INFINITE
Q9H7Z7	Prostaglandin E synthase 2;Prostaglandin E synthase	PTGES2	1.098E+09	INFINITE
Q8TBC4	NEDD8-activating enzyme E1 catalytic subunit	UBA3	1.071E+09	INFINITE
P52888	Thimet oligopeptidase	THOP1	1.059E+09	INFINITE
P14174	Macrophage migration inhibitory factor	MIF	1.05E+09	INFINITE
P36543	V-type proton ATPase subunit E 1	ATP6V1E1	1.03E+09	INFINITE
Q99685	Monoglyceride lipase	MGLL	1.021E+09	INFINITE
Q9BV73	Centrosome-associated protein CEP250	CEP250	1.008E+09	INFINITE
Q13618	Cullin-3	CUL3	996970000	INFINITE
O95352	Ubiquitin-like modifier-activating enzyme ATG7	ATG7	995700000	INFINITE
Q8IYD1	Eukaryotic peptide chain release factor GTP-binding	GSPT2	984070000	INFINITE
P28482	Mitogen-activated protein kinase 1	MAPK1	979640000	INFINITE
Q9NUQ9	Protein FAM49B	FAM49B	977310000	INFINITE
P54687	Branched-chain-amino-acid aminotransferase, cytosolic	BCAT1	967410000	INFINITE
P43897	Elongation factor Ts, mitochondrial	TSFM	963280000	INFINITE
Q14696	LDLR chaperone MESD	MESDC2	959920000	INFINITE
Q99961	Endophilin-A2	SH3GL1	955200000	INFINITE
Q9Y6Y8	SEC23-interacting protein	SEC23IP	933440000	INFINITE
O75844	CAAX prenyl protease 1 homolog	ZMPSTE24	933020000	INFINITE
P08397	Porphobilinogen deaminase	HMBS	920680000	INFINITE
Q14376	UDP-glucose 4-epimerase	GALE	907950000	INFINITE
Q00796	Sorbitol dehydrogenase	SORD	903380000	INFINITE
P30405	Peptidyl-prolyl cis-trans isomerase F, mitochondrial	PPIF	877660000	INFINITE
PODOY3;P0	Ig lambda-6 chain C region;Ig lambda-7 chain C region	IGLC6;IGLC7	861550000	INFINITE
Q96EM0	Trans-3-hydroxy-L-proline dehydratase	L3HYPDH	859470000	INFINITE
Q9Y3E5	Peptidyl-tRNA hydrolase 2, mitochondrial	PTRH2	850160000	INFINITE
Q13616	Cullin-1	CUL1	850000000	INFINITE
P40763	Signal transducer and activator of transcription 3	STAT3	844330000	INFINITE
P31350	Ribonucleoside-diphosphate reductase subunit M2	RRM2	829910000	INFINITE
Q9H3P7	Golgi resident protein GCP60	ACBD3	828020000	INFINITE
P09417	Dihydropteridine reductase	QDPR	817150000	INFINITE
O95394	Phosphoacetylglucosamine mutase	PGM3	816260000	INFINITE
Q969H8	Myeloid-derived growth factor	MYDGF	814330000	INFINITE
Q9NZL4	Hsp70-binding protein 1	HSPBP1	810110000	INFINITE
Q9NX46	Poly(ADP-ribose) glycohydrolase ARH3	ADPRHL2	804080000	INFINITE
Q9BV20	Methylthioribose-1-phosphate isomerase	MRI1	802890000	INFINITE
Q9Y5X3	Sorting nexin-5	SNX5	792320000	INFINITE
Q6NVY1	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial	HIBCH	785790000	INFINITE
Q9UHY1	Nuclear receptor-binding protein	NRBP1	783290000	INFINITE
Q13564	NEDD8-activating enzyme E1 regulatory subunit	NAE1	778560000	INFINITE
Q9H993	Protein-glutamate O-methyltransferase	ARMT1	775450000	INFINITE
Q9GZY8	Mitochondrial fission factor	MFF	771480000	INFINITE
Q9UHY7	Enolase-phosphatase E1	ENOPH1	771210000	INFINITE

P49006	MARCKS-related protein	MARCKSL1	770110000	INFINITE
O43768	Alpha-endosulfine	ENSA	766190000	INFINITE
Q15126	Phosphomevalonate kinase	PMVK	765470000	INFINITE
Q9H488	GDP-fucose protein O-fucosyltransferase 1	POFUT1	764430000	INFINITE
Q4J6C6	Prolyl endopeptidase-like	PREPL	761340000	INFINITE
P20645	Cation-dependent mannose-6-phosphate receptor	M6PR	742080000	INFINITE
Q13423	NAD(P) transhydrogenase, mitochondrial	NNT	739320000	INFINITE
P49643	DNA primase large subunit	PRIM2	739000000	INFINITE
Q9Y333	U6 snRNA-associated Sm-like protein LSm2	LSM2	729540000	INFINITE
P61956	Small ubiquitin-related modifier 2	SUMO2	726360000	INFINITE
Q99426	Tubulin-folding cofactor B	TBCB	724240000	INFINITE
Q9BV86	N-terminal Xaa-Pro-Lys N-methyltransferase 1;N-terminal	NTMT1	719410000	INFINITE
Q9NZ08	Endoplasmic reticulum aminopeptidase 1	ERAP1	710780000	INFINITE
P08962	CD63 antigen	CD63	706900000	INFINITE
P20936	Ras GTPase-activating protein 1	RASA1	703500000	INFINITE
P35270	Sepiapterin reductase	SPR	701150000	INFINITE
O14737	Programmed cell death protein 5	PDCD5	700040000	INFINITE
Q9Y2Z4	Tyrosine--tRNA ligase, mitochondrial	YARS2	695400000	INFINITE
Q9GZZ9	Ubiquitin-like modifier-activating enzyme 5	UBA5	690780000	INFINITE
Q9Y2Z0	Suppressor of G2 allele of SKP1 homolog	SUGT1	686790000	INFINITE
P53041	Serine/threonine-protein phosphatase 5	PPP5C	677340000	INFINITE
P52306	Rap1 GTPase-GDP dissociation stimulator 1	RAP1GDS1	676760000	INFINITE
Q53EL6	Programmed cell death protein 4	PDCD4	667700000	INFINITE
O15347	High mobility group protein B3	HMGB3	664180000	INFINITE
P12532	Creatine kinase U-type, mitochondrial	CKMT1A	663290000	INFINITE
Q14CX7	N-alpha-acetyltransferase 25, NatB auxiliary subunit	NAA25	661860000	INFINITE
P48449	Lanosterol synthase	LSS	655180000	INFINITE
Q9H5K3	Protein O-mannose kinase	POMK	649040000	INFINITE
P55039	Developmentally-regulated GTP-binding protein 2	DRG2	647350000	INFINITE
Q08752	Peptidyl-prolyl cis-trans isomerase D	PPID	645220000	INFINITE
P30519	Heme oxygenase 2	HMOX2	631530000	INFINITE
O43583	Density-regulated protein	DENR	622950000	INFINITE
Q9UHD1	Cysteine and histidine-rich domain-containing protein	CHORDC1	622640000	INFINITE
Q6PI48	Aspartate--tRNA ligase, mitochondrial	DARS2	620090000	INFINITE
Q9BXW7	Cat eye syndrome critical region protein 5	CECR5	619970000	INFINITE
Q06203	Amidophosphoribosyltransferase	PPAT	614120000	INFINITE
Q9UGV2	Protein NDRG3	NDRG3	613280000	INFINITE
P01111	GTPase NRas	NRAS	612830000	INFINITE
Q96EK6	Glucosamine 6-phosphate N-acetyltransferase	GNPNAT1	609860000	INFINITE
Q9Y5K8	V-type proton ATPase subunit D	ATP6V1D	608050000	INFINITE
O00170	AH receptor-interacting protein	AIP	605310000	INFINITE
O95861	3(2),5-bisphosphate nucleotidase 1	BPNT1	602410000	INFINITE
Q9H4A6	Golgi phosphoprotein 3	GOLPH3	595150000	INFINITE
P54105	Methylosome subunit pICln	CLNS1A	594880000	INFINITE
Q15005	Signal peptidase complex subunit 2	SPCS2	593310000	INFINITE
Q15165	Serum paraoxonase/arylesterase 2	PON2	590890000	INFINITE
P35573	Glycogen debranching enzyme;4-alpha-glucanotransferase	AGL	588330000	INFINITE
P31937	3-hydroxyisobutyrate dehydrogenase, mitochondrial	HIBADH	587950000	INFINITE
Q5TFE4	5-nucleotidase domain-containing protein 1	NT5DC1	586900000	INFINITE
P34949	Mannose-6-phosphate isomerase	MPI	586480000	INFINITE

Q58FF6	Putative heat shock protein HSP 90-beta 4	HSP90AB4P	583960000	INFINITE
O95336	6-phosphogluconolactonase	PGLS	581600000	INFINITE
Q8N8S7	Protein enabled homolog	ENAH	581280000	INFINITE
Q15428	Splicing factor 3A subunit 2	SF3A2	579850000	INFINITE
Q16539	Mitogen-activated protein kinase 14	MAPK14	578690000	INFINITE
P11498	Pyruvate carboxylase, mitochondrial	PC	578430000	INFINITE
Q3ZCM7	Tubulin beta-8 chain	TUBB8	578350000	INFINITE
Q10713	Mitochondrial-processing peptidase subunit alpha	PMPCA	576760000	INFINITE
Q9UH65	Switch-associated protein 70	SWAP70	575680000	INFINITE
Q8N3U4	Cohesin subunit SA-2	STAG2	574540000	INFINITE
Q9NRN7	L-aminoadipate-semialdehyde dehydrogenase-phc	AASDHPPT	572390000	INFINITE
P25325	3-mercaptopyruvate sulfurtransferase	MPST	571740000	INFINITE
Q68EM7	Rho GTPase-activating protein 17	ARHGAP17	563800000	INFINITE
Q9NVS9	Pyridoxine-5-phosphate oxidase	PNPO	561290000	INFINITE
Q13619	Cullin-4A	CUL4A	556820000	INFINITE
Q9BRR6	ADP-dependent glucokinase	ADPGK	555550000	INFINITE
Q9NQH7	Probable Xaa-Pro aminopeptidase 3	XPNPEP3	555220000	INFINITE
P61086	Ubiquitin-conjugating enzyme E2 K	UBE2K	553990000	INFINITE
Q9HB90;Q9H8S9;Q9H6Z4	Ras-related GTP-binding protein C; Ras-related GTPase-activating protein 17; Ran-binding protein 3	RRAGC;RRAGD	548950000	INFINITE
O14908	PDZ domain-containing protein GIPC1	GIPC1	545630000	INFINITE
Q9H8S9;Q9H6Z4	MOB kinase activator 1A; MOB kinase activator 1B	MOB1A;MOB1B	539610000	INFINITE
Q9H6Z4	Ran-binding protein 3	RANBP3	538930000	INFINITE
Q6P587	Acylpyruvase FAHD1, mitochondrial	FAHD1	538140000	INFINITE
Q9GZT8	NIF3-like protein 1	NIF3L1	534540000	INFINITE
P10301	Ras-related protein R-Ras	RRAS	531200000	INFINITE
Q2M389	WASH complex subunit 7	KIAA1033	530400000	INFINITE
Q8NBF2	NHL repeat-containing protein 2	NHLRC2	530190000	INFINITE
Q9Y3A6	Transmembrane emp24 domain-containing protein 1	TMED5	528590000	INFINITE
P21266	Glutathione S-transferase Mu 3	GSTM3	524820000	INFINITE
P53701	Cytochrome c-type heme lyase	HCCS	523010000	INFINITE
Q86X55	Histone-arginine methyltransferase CARM1	CARM1	522240000	INFINITE
Q8WUX9	Charged multivesicular body protein 7	CHMP7	518150000	INFINITE
P41240	Tyrosine-protein kinase CSK	CSK	516070000	INFINITE
A0A0B4J1Y9;A0A0B4J1V6;A0A0B4J1V0		IGHV3-72;IGHV3-7	515680000	INFINITE
Q9Y376	Calcium-binding protein 39	CAB39	510150000	INFINITE
Q9H9A6	Leucine-rich repeat-containing protein 40	LRRC40	508930000	INFINITE
Q9C0B1	Alpha-ketoglutarate-dependent dioxygenase FTO	FTO	508920000	INFINITE
P16930	Fumarylacetoacetase	FAH	506400000	INFINITE
Q641Q2;Q9Y376	WASH complex subunit FAM21A; WASH complex subunit 1	FAM21A;FAM21C	505730000	INFINITE
P62873	Guanine nucleotide-binding protein G(I)/G(S)/G(T)	GNB1	503770000	INFINITE
Q92878	DNA repair protein RAD50	RAD50	498830000	INFINITE
P51553	Isocitrate dehydrogenase [NAD] subunit gamma, nuclear	IDH3G	496490000	INFINITE
P01859	Ig gamma-2 chain C region	IGHG2	489920000	INFINITE
Q96Q11	CCA tRNA nucleotidyltransferase 1, mitochondrial	TRNT1	486290000	INFINITE
Q16204	Coiled-coil domain-containing protein 6	CCDC6	485600000	INFINITE
Q15036	Sorting nexin-17	SNX17	483420000	INFINITE
Q9UI26	Importin-11	IPO11	477470000	INFINITE
Q16822	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	PCK2	476160000	INFINITE
Q8N6T3	ADP-ribosylation factor GTPase-activating protein 1	ARFGAP1	474780000	INFINITE
Q9Y673	Dolichyl-phosphate beta-glucosyltransferase	ALG5	472590000	INFINITE

Q4V328	GRIP1-associated protein 1	GRIPAP1	469100000	INFINITE
O95983	Methyl-CpG-binding domain protein 3	MBD3	467690000	INFINITE
Q7Z4H8	KDEL motif-containing protein 2	KDELC2	465650000	INFINITE
Q9P0I2	ER membrane protein complex subunit 3	EMC3	465210000	INFINITE
O15173	Membrane-associated progesterone receptor com	PGRMC2	464440000	INFINITE
Q9NUQ8	ATP-binding cassette sub-family F member 3	ABCF3	463290000	INFINITE
O00273	DNA fragmentation factor subunit alpha	DFFA	460810000	INFINITE
O00629	Importin subunit alpha-3	KPNA4	458400000	INFINITE
Q9Y5Y2	Cytosolic Fe-S cluster assembly factor NUBP2	NUBP2	457800000	INFINITE
Q9UMY4	Sorting nexin-12	SNX12	453290000	INFINITE
Q9NP79	Vacuolar protein sorting-associated protein VTA1	VTA1	451380000	INFINITE
Q9NPH2	Inositol-3-phosphate synthase 1	ISYNA1	451080000	INFINITE
Q9UIJ7	GTP:AMP phosphotransferase AK3, mitochondrial	AK3	449490000	INFINITE
P07203	Glutathione peroxidase 1	GPX1	447610000	INFINITE
P52594	Arf-GAP domain and FG repeat-containing protein	AGFG1	446850000	INFINITE
Q15427	Splicing factor 3B subunit 4	SF3B4	443590000	INFINITE
Q16513	Serine/threonine-protein kinase N2	PKN2	442750000	INFINITE
Q9UNN8	Endothelial protein C receptor	PROCR	441270000	INFINITE
Q14165	Malectin	MLEC	441100000	INFINITE
P30046;A61	D-dopachrome decarboxylase;D-dopachrome deca	DDT;DDTL	439940000	INFINITE
Q7KZ85	Transcription elongation factor SPT6	SUPT6H	439470000	INFINITE
Q13404	Ubiquitin-conjugating enzyme E2 variant 1	UBE2V1	439120000	INFINITE
O15121	Sphingolipid delta(4)-desaturase DES1	DEGS1	436980000	INFINITE
Q86UX7	Fermitin family homolog 3	FERMT3	435780000	INFINITE
Q9UBV2	Protein sel-1 homolog 1	SEL1L	435100000	INFINITE
P03886	NADH-ubiquinone oxidoreductase chain 1	MT-ND1	433410000	INFINITE
Q9Y4E8	Ubiquitin carboxyl-terminal hydrolase 15	USP15	432640000	INFINITE
Q8I283	Aldehyde dehydrogenase family 16 member A1	ALDH16A1	431350000	INFINITE
Q9H0A8	COMM domain-containing protein 4	COMM4	429890000	INFINITE
Q13630	GDP-L-fucose synthase	TSTA3	428510000	INFINITE
Q9H9Q2	COP9 signalosome complex subunit 7b	COPS7B	428110000	INFINITE
O14562	Ubiquitin domain-containing protein UBFD1	UBFD1	426770000	INFINITE
Q9H3K2	Growth hormone-inducible transmembrane protei	GHITM	426500000	INFINITE
Q9NWW4	UPF0609 protein C4orf27	C4orf27	426340000	INFINITE
Q96EK5	KIF1-binding protein	KIAA1279	426270000	INFINITE
O43252	Bifunctional 3-phosphoadenosine 5-phosphosulfat	PAPSS1	425650000	INFINITE
P45954	Short/branched chain specific acyl-CoA dehydroge	ACADSB	424130000	INFINITE
Q13158	FAS-associated death domain protein	FADD	420110000	INFINITE
Q9NRF8	CTP synthase 2	CTPS2	419820000	INFINITE
Q5VW32	BRO1 domain-containing protein BROX	BROX	419510000	INFINITE
Q9P1F3	Costars family protein ABRACL	ABRACL	418290000	INFINITE
Q53T59	HCLS1-binding protein 3	HS1BP3	417600000	INFINITE
P18858	DNA ligase 1	LIG1	417240000	INFINITE
Q6ZRP7	Sulfhydryl oxidase 2	QSOX2	413670000	INFINITE
Q9H2W6	39S ribosomal protein L46, mitochondrial	MRPL46	412190000	INFINITE
Q7Z2Z2	Elongation factor Tu GTP-binding domain-containir	EFTUD1	410540000	INFINITE
P20339	Ras-related protein Rab-5A	RAB5A	407780000	INFINITE
Q86TI2	Dipeptidyl peptidase 9	DPP9	407340000	INFINITE
O95777	U6 snRNA-associated Sm-like protein LSM8	LSM8	406190000	INFINITE
Q9BRA2	Thioredoxin domain-containing protein 17	TXNDC17	403860000	INFINITE



O60739	Eukaryotic translation initiation factor 1b	EIF1B	400990000	INFINITE
P09110	3-ketoacyl-CoA thiolase, peroxisomal	ACAA1	400750000	INFINITE
O15027	Protein transport protein Sec16A	SEC16A	397210000	INFINITE
P30825	High affinity cationic amino acid transporter 1	SLC7A1	393680000	INFINITE
Q9BXL7	Caspase recruitment domain-containing protein 11	CARD11	391560000	INFINITE
O95340	Bifunctional 3-phosphoadenosine 5-phosphosulfat	PAPSS2	391300000	INFINITE
Q8WVY7	Ubiquitin-like domain-containing CTD phosphatase	UBLCP1	388120000	INFINITE
P52732	Kinesin-like protein KIF11	KIF11	384080000	INFINITE
Q96GA7	Serine dehydratase-like	SDSL	382970000	INFINITE
Q96DB5	Regulator of microtubule dynamics protein 1	RMDN1	381910000	INFINITE
Q01581	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	HMGCS1	381280000	INFINITE
P30740	Leukocyte elastase inhibitor	SERPINB1	380330000	INFINITE
Q9BTU6	Phosphatidylinositol 4-kinase type 2-alpha	PI4K2A	379690000	INFINITE
Q9Y371	Endophilin-B1	SH3GLB1	379160000	INFINITE
Q9Y5P6	Mannose-1-phosphate guanyltransferase beta	GMPPB	378390000	INFINITE
Q5T6V5	UPF0553 protein C9orf64	C9orf64	378040000	INFINITE
Q9H8Y8	Golgi reassembly-stacking protein 2	GORASP2	376450000	INFINITE
POC0L4;POC	Complement C4-A;Complement C4 beta chain;Con	C4A;C4B	375840000	INFINITE
P50583	Bis(5-nucleosyl)-tetraphosphatase [asymmetrical]	NUDT2	375090000	INFINITE
Q8NFB4	Nucleoporin Nup37	NUP37	373640000	INFINITE
P26440	Isovaleryl-CoA dehydrogenase, mitochondrial	IVD	373500000	INFINITE
Q32P41	tRNA (guanine(37)-N1)-methyltransferase	TRMT5	373420000	INFINITE
O43488	Aflatoxin B1 aldehyde reductase member 2	AKR7A2	373060000	INFINITE
P68402	Platelet-activating factor acetylhydrolase IB subuni	PAFAH1B2	372230000	INFINITE
Q8N335	Glycerol-3-phosphate dehydrogenase 1-like protei	GPD1L	371640000	INFINITE
Q00169	Phosphatidylinositol transfer protein alpha isoform	PITPNA	368940000	INFINITE
Q9NXR7	BRCA1-A complex subunit BRE	BRE	368930000	INFINITE
Q15031	Probable leucine--tRNA ligase, mitochondrial	LARS2	365540000	INFINITE
Q9UJY4	ADP-ribosylation factor-binding protein GGA2	GGA2	365370000	INFINITE
Q96GK7;Q96	Fumarylacetoacetate hydrolase domain-containing	FAHD2A;FAHD2B	365020000	INFINITE
P27144	Adenylate kinase 4, mitochondrial	AK4	364720000	INFINITE
Q9UHA4	Ragulator complex protein LAMTOR3	LAMTOR3	364600000	INFINITE
Q16850	Lanosterol 14-alpha demethylase	CYP51A1	362850000	INFINITE
Q6UW02	Cytochrome P450 20A1	CYP20A1	361710000	INFINITE
Q92882	Osteoclast-stimulating factor 1	OSTF1	361410000	INFINITE
O60678	Protein arginine N-methyltransferase 3	PRMT3	360690000	INFINITE
Q9UNE7	E3 ubiquitin-protein ligase CHIP	STUB1	360080000	INFINITE
O14967	Calmegin	CLGN	359490000	INFINITE
P05166	Propionyl-CoA carboxylase beta chain, mitochondr	PCCB	358800000	INFINITE
Q8NHH9	Atlastin-2	ATL2	358730000	INFINITE
Q8TD19	Serine/threonine-protein kinase Nek9	NEK9	358260000	INFINITE
P84095	Rho-related GTP-binding protein RhoG	RHOG	357960000	INFINITE
Q4VC31	Coiled-coil domain-containing protein 58	CCDC58	354620000	INFINITE
Q86Y82	Syntaxin-12	STX12	354440000	INFINITE
Q14181	DNA polymerase alpha subunit B	POLA2	353870000	INFINITE
Q9NRY5	Protein FAM114A2	FAM114A2	352800000	INFINITE
Q9Y3L5	Ras-related protein Rap-2c	RAP2C	352440000	INFINITE
P63279	SUMO-conjugating enzyme UBC9	UBE2I	352000000	INFINITE
Q2TAL8	Glutamine-rich protein 1	QRICH1	351510000	INFINITE
Q7Z4W1	L-xylulose reductase	DCXR	346600000	INFINITE

Q15042	Rab3 GTPase-activating protein catalytic subunit	RAB3GAP1	344660000	INFINITE
O95571	Persulfide dioxygenase ETHE1, mitochondrial	ETHE1	344030000	INFINITE
P19404	NADH dehydrogenase [ubiquinone] flavoprotein 2,	NDUFV2	342880000	INFINITE
Q5JRA6	Melanoma inhibitory activity protein 3	MIA3	342020000	INFINITE
Q6UVK1	Chondroitin sulfate proteoglycan 4	CSPG4	340510000	INFINITE
Q69YN2	CWF19-like protein 1	CWF19L1	340410000	INFINITE
O95486	Protein transport protein Sec24A	SEC24A	338010000	INFINITE
Q9H910	Hematological and neurological expressed 1-like p	HN1L	337480000	INFINITE
Q32P28	Prolyl 3-hydroxylase 1	LEPRE1	336350000	INFINITE
Q3LXA3	Bifunctional ATP-dependent dihydroxyacetone kin	DAK	335930000	INFINITE
Q9UBP6	tRNA (guanine-N(7)-)-methyltransferase	METTL1	335640000	INFINITE
P27707	Deoxycytidine kinase	DCK	333710000	INFINITE
Q5JTZ9	Alanine--tRNA ligase, mitochondrial	AARS2	333550000	INFINITE
Q0VDF9	Heat shock 70 kDa protein 14	HSPA14	332490000	INFINITE
P82970	High mobility group nucleosome-binding domain-c	HMGNS5	331260000	INFINITE
Q8NF37	Lysophosphatidylcholine acyltransferase 1	LPCAT1	330770000	INFINITE
Q13478	Interleukin-18 receptor 1	IL18R1	330730000	INFINITE
Q9UHQ9	NADH-cytochrome b5 reductase 1	CYB5R1	330250000	INFINITE
Q14155	Rho guanine nucleotide exchange factor 7	ARHGEF7	329780000	INFINITE
P49902	Cytosolic purine 5-nucleotidase	NT5C2	329010000	INFINITE
P49366	Deoxyhypusine synthase	DHPS	326590000	INFINITE
O15126	Secretory carrier-associated membrane protein 1	SCAMP1	326310000	INFINITE
Q9BYT8	Neurolysin, mitochondrial	NLN	325950000	INFINITE
Q6L8Q7	2,5-phosphodiesterase 12	PDE12	325190000	INFINITE
P80303	Nucleobindin-2;Nesfatin-1	NUCB2	324740000	INFINITE
Q9NZT2	Opioid growth factor receptor	OGFR	324590000	INFINITE
Q8IYI6	Exocyst complex component 8	EXOC8	322950000	INFINITE
P49642	DNA primase small subunit	PRIM1	322510000	INFINITE
O95487	Protein transport protein Sec24B	SEC24B	321350000	INFINITE
Q6NXE6	Armadillo repeat-containing protein 6	ARMC6	319360000	INFINITE
Q9H2P9	Diphthine synthase	DPH5	319050000	INFINITE
P98082	Disabled homolog 2	DAB2	318230000	INFINITE
Q96B97	SH3 domain-containing kinase-binding protein 1	SH3KBP1	318010000	INFINITE
Q9HD20	Manganese-transporting ATPase 13A1	ATP13A1	317340000	INFINITE
O00401	Neural Wiskott-Aldrich syndrome protein	WASL	316260000	INFINITE
Q12846	Syntaxin-4	STX4	315240000	INFINITE
Q8TF05	Serine/threonine-protein phosphatase 4 regulator	PPP4R1	309600000	INFINITE
Q9NQ88	Fructose-2,6-bisphosphatase TIGAR	TIGAR	308080000	INFINITE
Q9H9T3	Elongator complex protein 3	ELP3	307860000	INFINITE
Q9BW91	ADP-ribose pyrophosphatase, mitochondrial	NUDT9	304270000	INFINITE
Q9H832	Ubiquitin-conjugating enzyme E2 Z	UBE2Z	303490000	INFINITE
Q9NVI1	Fanconi anemia group I protein	FANCI	303170000	INFINITE
Q9NPA0	ER membrane protein complex subunit 7	EMC7	302710000	INFINITE
O60826	Coiled-coil domain-containing protein 22	CCDC22	302120000	INFINITE
Q96RQ3	Methylcrotonoyl-CoA carboxylase subunit alpha, m	MCCC1	298770000	INFINITE
O94760	N(G),N(G)-dimethylarginine dimethylaminohydroly	DDAH1	298310000	INFINITE
Q92747	Actin-related protein 2/3 complex subunit 1A	ARPC1A	294980000	INFINITE
Q13451	Peptidyl-prolyl cis-trans isomerase FKBP5;Peptidyl-	FKBP5	294790000	INFINITE
Q96PZ0	Pseudouridylate synthase 7 homolog	PUS7	294240000	INFINITE
Q16706	Alpha-mannosidase 2	MAN2A1	293320000	INFINITE

Q9HBM1	Kinetochores protein Spc25	SPC25	293010000	INFINITE
Q9ULC3	Ras-related protein Rab-23	RAB23	291190000	INFINITE
Q969T9	WW domain-binding protein 2	WBP2	291160000	INFINITE
Q96PD2	Discoidin, CUB and LCCL domain-containing protein	DCBLD2	290810000	INFINITE
Q96A49	Synapse-associated protein 1	SYAP1	288860000	INFINITE
Q92530	Proteasome inhibitor PI31 subunit	PSMF1	288040000	INFINITE
Q3YEC7	Rab-like protein 6	RABL6	287960000	INFINITE
Q96C86	m7GpppX diphosphatase	DCPS	287560000	INFINITE
Q8WW59	SPRY domain-containing protein 4	SPRYD4	287300000	INFINITE
Q16762	Thiosulfate sulfurtransferase	TST	285650000	INFINITE
Q9UBQ0	Vacuolar protein sorting-associated protein 29	VPS29	285100000	INFINITE
Q9UBC2	Epidermal growth factor receptor substrate 15-like	EPS15L1	284970000	INFINITE
P37235	Hippocalcin-like protein 1	HPCAL1	284780000	INFINITE
Q6P179	Endoplasmic reticulum aminopeptidase 2	ERAP2	284620000	INFINITE
O95273	Cyclin-D1-binding protein 1	CCNDBP1	283670000	INFINITE
P51151	Ras-related protein Rab-9A	RAB9A	280370000	INFINITE
Q04206	Transcription factor p65	RELA	277340000	INFINITE
P13984	General transcription factor IIF subunit 2	GTF2F2	275730000	INFINITE
P10321;P0	HLA class I histocompatibility antigen, Cw-7 alpha (HLA-C;HLA-H)		274980000	INFINITE
Q8IWB7	WD repeat and FYVE domain-containing protein 1	WDFY1	274940000	INFINITE
O95630	STAM-binding protein	STAMBP	274070000	INFINITE
Q9NS87	Kinesin-like protein KIF15	KIF15	274040000	INFINITE
Q9Y6M9	NADH dehydrogenase [ubiquinone] 1 beta subunit	NDUFB9	273630000	INFINITE
O75352	Mannose-P-dolichol utilization defect 1 protein	MPDU1	273270000	INFINITE
Q9NQR4	Omega-amidase NIT2	NIT2	272180000	INFINITE
O43676	NADH dehydrogenase [ubiquinone] 1 beta subunit	NDUFB3	272020000	INFINITE
Q724H3	HD domain-containing protein 2	HDDC2	271770000	INFINITE
Q9HCN4	GPN-loop GTPase 1	GPN1	271740000	INFINITE
O14787	Transportin-2	TNPO2	271670000	INFINITE
Q9H9P8	L-2-hydroxyglutarate dehydrogenase, mitochondrial	L2HGDH	270410000	INFINITE
Q9Y320	Thioredoxin-related transmembrane protein 2	TMX2	269410000	INFINITE
P15374	Ubiquitin carboxyl-terminal hydrolase isozyme L3	UCHL3	269340000	INFINITE
Q9P0S9	Transmembrane protein 14C	TMEM14C	268900000	INFINITE
P62942	Peptidyl-prolyl cis-trans isomerase FKBP1A	FKBP1A	265980000	INFINITE
Q96S66	Chloride channel CLIC-like protein 1	CLCC1	264440000	INFINITE
Q16740	ATP-dependent Clp protease proteolytic subunit, nuclear	CLPP	264170000	INFINITE
Q02252	Methylmalonate-semialdehyde dehydrogenase [acetyl-CoA]	ALDH6A1	263720000	INFINITE
Q12996	Cleavage stimulation factor subunit 3	CSTF3	262780000	INFINITE
Q9NVV0	Trimeric intracellular cation channel type B	TMEM38B	261880000	INFINITE
Q92917	G patch domain and KOW motifs-containing protein	GPKOW	261350000	INFINITE
Q6PD62	RNA polymerase-associated protein CTR9 homolog	CTR9	261010000	INFINITE
P48507	Glutamate--cysteine ligase regulatory subunit	GCLM	258870000	INFINITE
Q9NR19	Acetyl-coenzyme A synthetase, cytoplasmic	ACSS2	257820000	INFINITE
Q13043	Serine/threonine-protein kinase 4;Serine/threonine kinase	STK4	256110000	INFINITE
Q9GZP9	Derlin-2	DERL2	255390000	INFINITE
Q13363	C-terminal-binding protein 1	CTBP1	254810000	INFINITE
Q9Y697	Cysteine desulfurase, mitochondrial	NFS1	253100000	INFINITE
Q14160	Protein scribble homolog	SCRIB	253010000	INFINITE
O15091	Mitochondrial ribonuclease P protein 3	KIAA0391	246830000	INFINITE
P56211	cAMP-regulated phosphoprotein 19	ARPP19	246370000	INFINITE

Q9NY27	Serine/threonine-protein phosphatase 4 regulator	PPP4R2	245710000	INFINITE
Q9Y6I3	Epsin-1	EPN1	245280000	INFINITE
P78330	Phosphoserine phosphatase	PSPH	245210000	INFINITE
Q9H2J4	Phosducin-like protein 3	PDCL3	245100000	INFINITE
Q9HOR6	Glutamyl-tRNA(Gln) amidotransferase subunit A, n	QRSL1	245000000	INFINITE
Q04941	Proteolipid protein 2	PLP2	244800000	INFINITE
Q6XZF7	Dynamin-binding protein	DNMBP	244660000	INFINITE
Q9NRX4	14 kDa phosphohistidine phosphatase	PHPT1	244650000	INFINITE
O43169	Cytochrome b5 type B	CYB5B	243160000	INFINITE
Q9NZD8	Masparadin	SPG21	242990000	INFINITE
O94855	Protein transport protein Sec24D	SEC24D	242630000	INFINITE
P05089	Arginase-1	ARG1	242350000	INFINITE
Q8NA56	Tetratricopeptide repeat protein 29	TTC29	242190000	INFINITE
Q9Y6Y0	Influenza virus NS1A-binding protein	IVNS1ABP	241230000	INFINITE
Q9UPU5	Ubiquitin carboxyl-terminal hydrolase 24	USP24	240270000	INFINITE
Q0VDG4	Secernin-3	SCRN3	240080000	INFINITE
Q08209	Serine/threonine-protein phosphatase 2B catalytic	PPP3CA	239840000	INFINITE
Q12929	Epidermal growth factor receptor kinase substrate	EPS8	239130000	INFINITE
P60033	CD81 antigen	CD81	239040000	INFINITE
P61129	Zinc finger CCCH domain-containing protein 6	ZC3H6	238630000	INFINITE
Q9BW83	Intraflagellar transport protein 27 homolog	IFT27	236860000	INFINITE
Q8IYB8	ATP-dependent RNA helicase SUPV3L1, mitochondr	SUPV3L1	236800000	INFINITE
Q96L92	Sorting nexin-27	SNX27	236290000	INFINITE
O95155	Ubiquitin conjugation factor E4 B	UBE4B	235710000	INFINITE
Q96J02	E3 ubiquitin-protein ligase Itchy homolog	ITCH	233930000	INFINITE
O95563	Mitochondrial pyruvate carrier 2	MPC2	233880000	INFINITE
Q14653	Interferon regulatory factor 3	IRF3	233790000	INFINITE
Q8NFV4	Alpha/beta hydrolase domain-containing protein 1	ABHD11	231790000	INFINITE
Q9Y3D6	Mitochondrial fission 1 protein	FIS1	231220000	INFINITE
Q5TC12	ATP synthase mitochondrial F1 complex assembly	ATPAF1	229600000	INFINITE
A0A0G2JM	HLA class II histocompatibility antigen, DR alpha ch	HLA-DRA;HLA-DQA	229500000	INFINITE
Q9NUY8	TBC1 domain family member 23	TBC1D23	228790000	INFINITE
P42892	Endothelin-converting enzyme 1	ECE1	228320000	INFINITE
P22570	NADPH:adrenodoxin oxidoreductase, mitochondria	FDXR	228140000	INFINITE
Q9H074	Polyadenylate-binding protein-interacting protein	PAIP1	228050000	INFINITE
Q8NHP8	Putative phospholipase B-like 2;Putative phospholi	PLBD2	227360000	INFINITE
Q9BXX5	Bcl-2-like protein 13	BCL2L13	224980000	INFINITE
Q4KWH8	1-phosphatidylinositol 4,5-bisphosphate phosphod	PLCH1	224580000	INFINITE
Q92990	Glomulin	GLMN	224310000	INFINITE
P26232	Catenin alpha-2	CTNNA2	223800000	INFINITE
P56378	6.8 kDa mitochondrial proteolipid	MP68	222930000	INFINITE
Q7Z7A4	PX domain-containing protein kinase-like protein	PXK	222730000	INFINITE
Q96EY8	Cob(II)yrinic acid a,c-diamide adenosyltransferase,	MMAB	222440000	INFINITE
O14777	Kinetochore protein NDC80 homolog	NDC80	221780000	INFINITE
Q5T6F2	Ubiquitin-associated protein 2	UBAP2	221630000	INFINITE
Q8IVL6	Prolyl 3-hydroxylase 3	LEPREL2	221040000	INFINITE
P11171	Protein 4.1	EPB41	220480000	INFINITE
Q9Y606	tRNA pseudouridine synthase A, mitochondrial	PUS1	220300000	INFINITE
Q14240	Eukaryotic initiation factor 4A-II;Eukaryotic initiatic	EIF4A2	219370000	INFINITE
Q12769	Nuclear pore complex protein Nup160	NUP160	219330000	INFINITE

P07947;P07948	Tyrosine-protein kinase Yes;Tyrosine-protein kinase YES1;FYN		219140000	INFINITE
Q12972	Nuclear inhibitor of protein phosphatase 1;Activator protein 1	PPP1R8	216890000	INFINITE
O60784	Target of Myb protein 1	TOM1	216430000	INFINITE
Q9H267	Vacuolar protein sorting-associated protein 33B	VPS33B	216340000	INFINITE
Q8N0U8	Vitamin K epoxide reductase complex subunit 1-like 1	VKORC1L1	216150000	INFINITE
Q9UFN0	Protein NipSnap homolog 3A	NIPSNAP3A	215400000	INFINITE
Q676U5	Autophagy-related protein 16-1	ATG16L1	214720000	INFINITE
P56589	Peroxisomal biogenesis factor 3	PEX3	214710000	INFINITE
Q9P2R7	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	SUCLA2	214530000	INFINITE
Q07812	Apoptosis regulator BAX	BAX	214440000	INFINITE
Q5SRE5	Nucleoporin NUP188 homolog	NUP188	214170000	INFINITE
Q9BXB4	Oxysterol-binding protein-related protein 11	OSBPL11	214090000	INFINITE
Q9P2T1	GMP reductase 2	GMPR2	213780000	INFINITE
Q96K76	Ubiquitin carboxyl-terminal hydrolase 47	USP47	213650000	INFINITE
Q96RS6	NudC domain-containing protein 1	NUDCD1	213580000	INFINITE
Q13636	Ras-related protein Rab-31	RAB31	213370000	INFINITE
Q5T0F9	Coiled-coil and C2 domain-containing protein 1B	CC2D1B	213090000	INFINITE
Q9BQC3	Diphthamide biosynthesis protein 2	DPH2	212590000	INFINITE
Q96C90	Protein phosphatase 1 regulatory subunit 14B	PPP1R14B	211130000	INFINITE
Q5T2E6	UPF0668 protein C10orf76	C10orf76	210900000	INFINITE
Q9BWH6	RNA polymerase II-associated protein 1	RPAP1	210770000	INFINITE
P29992	Guanine nucleotide-binding protein subunit alpha-1	GNA11	210320000	INFINITE
Q8WWC4	Uncharacterized protein C2orf47, mitochondrial	C2orf47	210280000	INFINITE
Q92466	DNA damage-binding protein 2	DDB2	210240000	INFINITE
P48723	Heat shock 70 kDa protein 13	HSPA13	210050000	INFINITE
P51809	Vesicle-associated membrane protein 7	VAMP7	206460000	INFINITE
Q9BPU6	Dihydropyrimidinase-related protein 5	DPYSL5	206220000	INFINITE
P60520	Gamma-aminobutyric acid receptor-associated protein 2	GABARAPL2	205800000	INFINITE
Q6NZ67;Q6NZ68	Mitotic-spindle organizing protein 2B;Mitotic-spindle organizing protein 2A	MZT2B;MZT2A	205450000	INFINITE
Q13325	Interferon-induced protein with tetratricopeptide repeats 5	IFIT5	205210000	INFINITE
Q14997	Proteasome activator complex subunit 4	PSME4	204530000	INFINITE
O00291	Huntingtin-interacting protein 1	HIP1	203710000	INFINITE
P46199	Translation initiation factor IF-2, mitochondrial	MTIF2	203520000	INFINITE
Q92692	Nectin-2	PVRL2	202250000	INFINITE
P49418	Amphiphysin	AMPH	201920000	INFINITE
Q6P1J9	Parafibromin	CDC73	200240000	INFINITE
Q7KZN9	Cytochrome c oxidase assembly protein COX15 homolog	COX15	200230000	INFINITE
O75368	SH3 domain-binding glutamic acid-rich-like protein	SH3BGRL	199980000	INFINITE
P62312	U6 snRNA-associated Sm-like protein LSM6	LSM6	199740000	INFINITE
O15127	Secretory carrier-associated membrane protein 2	SCAMP2	199460000	INFINITE
O14920	Inhibitor of nuclear factor kappa-B kinase subunit 1	IKKB	198900000	INFINITE
Q96D71	RalBP1-associated Eps domain-containing protein 1	REPS1	198200000	INFINITE
Q12768	WASH complex subunit strumpellin	KIAA0196	198030000	INFINITE
Q16563	Synaptophysin-like protein 1	SYPL1	198020000	INFINITE
P38571	Lysosomal acid lipase/cholesterol ester hydrolase	LIPA	197390000	INFINITE
Q96KA5	Cleft lip and palate transmembrane protein 1-like 1	CLPTM1L	197320000	INFINITE
Q96PU8	Protein quaking	QKI	196460000	INFINITE
P61225	Ras-related protein Rap-2b	RAP2B	196160000	INFINITE
Q14139	Ubiquitin conjugation factor E4 A	UBE4A	195860000	INFINITE
Q16644	MAP kinase-activated protein kinase 3	MAPKAPK3	195850000	INFINITE

Q8N668	COMM domain-containing protein 1	COMMD1	194470000	INFINITE
Q9Y5P4	Collagen type IV alpha-3-binding protein	COL4A3BP	194250000	INFINITE
Q8TCD5	5(3)-deoxyribonucleotidase, cytosolic type	NT5C	193690000	INFINITE
P04637	Cellular tumor antigen p53	TP53	192030000	INFINITE
P42126	Enoyl-CoA delta isomerase 1, mitochondrial	ECI1	191880000	INFINITE
Q13425	Beta-2-syntrophin	SNTB2	191740000	INFINITE
P42330	Aldo-keto reductase family 1 member C3	AKR1C3	190580000	INFINITE
Q8IXH7	Negative elongation factor C/D	NELFCD	189980000	INFINITE
Q9HD42	Charged multivesicular body protein 1a	CHMP1A	189710000	INFINITE
Q9Y263	Phospholipase A-2-activating protein	PLAA	188960000	INFINITE
Q9GZT4	Serine racemase	SRR	188660000	INFINITE
P43003	Excitatory amino acid transporter 1	SLC1A3	188540000	INFINITE
Q9BUI4	DNA-directed RNA polymerase III subunit RPC3	POLR3C	187850000	INFINITE
Q9UNI6	Dual specificity protein phosphatase 12	DUSP12	187690000	INFINITE
P51003	Poly(A) polymerase alpha	PAPOLA	187330000	INFINITE
Q5T447	E3 ubiquitin-protein ligase HECTD3	HECTD3	187220000	INFINITE
Q13576	Ras GTPase-activating-like protein IQGAP2	IQGAP2	186860000	INFINITE
P40123	Adenylyl cyclase-associated protein 2	CAP2	186070000	INFINITE
Q6P1N9	Putative deoxyribonuclease TATDN1	TATDN1	185780000	INFINITE
P57740	Nuclear pore complex protein Nup107	NUP107	185730000	INFINITE
Q6UXV4	MICOS complex subunit MIC27	APOOL	183810000	INFINITE
O95302	Peptidyl-prolyl cis-trans isomerase FKBP9	FKBP9	183600000	INFINITE
Q7Z7H5	Transmembrane emp24 domain-containing protein	TMED4	183390000	INFINITE
Q9NR09	Baculoviral IAP repeat-containing protein 6	BIRC6	183210000	INFINITE
Q9P265	Disco-interacting protein 2 homolog B	DIP2B	182660000	INFINITE
O95372	Acyl-protein thioesterase 2	LYPLA2	181530000	INFINITE
P23786	Carnitine O-palmitoyltransferase 2, mitochondrial	CPT2	180300000	INFINITE
P29353	SHC-transforming protein 1	SHC1	180240000	INFINITE
Q99614	Tetratricopeptide repeat protein 1	TTC1	180190000	INFINITE
P60510	Serine/threonine-protein phosphatase 4 catalytic s	PPP4C	179580000	INFINITE
P06756	Integrin alpha-V;Integrin alpha-V heavy chain;Integ	ITGAV	179450000	INFINITE
P16219	Short-chain specific acyl-CoA dehydrogenase, mito	ACADS	177800000	INFINITE
Q5T440	Putative transferase CAF17, mitochondrial	IBA57	177440000	INFINITE
Q7LBC6	Lysine-specific demethylase 3B	KDM3B	177310000	INFINITE
Q9Y311	F-box only protein 7	FBXO7	177250000	INFINITE
P57076	UPF0769 protein C21orf59	C21orf59	177110000	INFINITE
Q9P2W9	Syntaxin-18	STX18	175020000	INFINITE
Q8WZ82	Ovarian cancer-associated gene 2 protein	OVCA2	174640000	INFINITE
Q8WU79	Stromal membrane-associated protein 2	SMAP2	174360000	INFINITE
P82094	TATA element modulatory factor	TMF1	173310000	INFINITE
P14859	POU domain, class 2, transcription factor 1	POU2F1	173180000	INFINITE
O95219	Sorting nexin-4	SNX4	173050000	INFINITE
P07311	Acylphosphatase-1	ACYP1	171420000	INFINITE
Q96ER3	Protein SAAL1	SAAL1	171160000	INFINITE
Q8N6H7	ADP-ribosylation factor GTPase-activating protein	ARFGAP2	170790000	INFINITE
Q9NRL2	Bromodomain adjacent to zinc finger domain prote	BAZ1A	170330000	INFINITE
O75880	Protein SCO1 homolog, mitochondrial	SCO1	168330000	INFINITE
P63313	Thymosin beta-10	TMSB10	168030000	INFINITE
Q04721	Neurogenic locus notch homolog protein 2;Notch 2	NOTCH2	167750000	INFINITE
Q9BXR0	Queuine tRNA-ribosyltransferase	QTRT1	167390000	INFINITE

O14957	Cytochrome b-c1 complex subunit 10	UQCR11	167360000	INFINITE
P80297;P02907	Metallothionein-1X;Metallothionein-2;Metallothionein-3	MT1X;MT2A;MT1C	166950000	INFINITE
Q9UIQ6	Leucyl-cystinyl aminopeptidase;Leucyl-cystinyl aminopeptidase	LNPEP	166940000	INFINITE
Q9UGI8	Testin	TES	166800000	INFINITE
Q99595	Mitochondrial import inner membrane translocase	TIMM17A	166790000	INFINITE
P49005	DNA polymerase delta subunit 2	POLD2	166570000	INFINITE
Q8NBU5	ATPase family AAA domain-containing protein 1	ATAD1	165800000	INFINITE
O75718	Cartilage-associated protein	CRTAP	165730000	INFINITE
P31749	RAC-alpha serine/threonine-protein kinase	AKT1	165610000	INFINITE
Q9H0B6	Kinesin light chain 2	KLC2	165430000	INFINITE
P26572	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	MGAT1	165080000	INFINITE
Q8N543	Prolyl 3-hydroxylase	OGFOD1	164680000	INFINITE
Q96I15	Selenocysteine lyase	SCLY	164150000	INFINITE
O95140	Mitofusin-2	MFN2	164100000	INFINITE
O15400	Syntaxin-7	STX7	164070000	INFINITE
Q9Y6I9	Testis-expressed sequence 264 protein	TEX264	163780000	INFINITE
P31151	Protein S100-A7	S100A7	163760000	INFINITE
O75792	Ribonuclease H2 subunit A	RNASEH2A	163540000	INFINITE
Q9Y3A3	MOB-like protein phocein	MOB4	163530000	INFINITE
Q6S8J3;A51407	POTE ankyrin domain family member E;POTE ankyrin domain family member E	POTEE;POTEF;POTE	163310000	INFINITE
P52294	Importin subunit alpha-5;Importin subunit alpha-5	KPNA1	163090000	INFINITE
Q3SXM5	Inactive hydroxysteroid dehydrogenase-like protein	HSDL1	162330000	INFINITE
Q8NBQ5	Estradiol 17-beta-dehydrogenase 11	HSD17B11	161870000	INFINITE
Q15041	ADP-ribosylation factor-like protein 6-interacting protein	ARL6IP1	161710000	INFINITE
Q93034	Cullin-5	CUL5	161240000	INFINITE
Q16774	Guanylate kinase	GUK1	160980000	INFINITE
O60306	Intron-binding protein aquarius	AQR	160570000	INFINITE
Q9UJY5	ADP-ribosylation factor-binding protein GGA1	GGA1	160570000	INFINITE
P33908	Mannosyl-oligosaccharide 1,2-alpha-mannosidase	MAN1A1	158690000	INFINITE
Q9UK45	U6 snRNA-associated Sm-like protein LSM7	LSM7	158490000	INFINITE
Q9BUB7	Transmembrane protein 70, mitochondrial	TMEM70	158460000	INFINITE
P62256	Ubiquitin-conjugating enzyme E2 H	UBE2H	158430000	INFINITE
P10253	Lysosomal alpha-glucosidase;76 kDa lysosomal alpha-glucosidase	GAA	158430000	INFINITE
A0A0G2JRW6			158410000	INFINITE
Q96552	GPI transamidase component PIG-S	PIGS	158320000	INFINITE
P98170	E3 ubiquitin-protein ligase XIAP	XIAP	157970000	INFINITE
Q9UNP9	Peptidyl-prolyl cis-trans isomerase E	PPIE	157890000	INFINITE
Q9UP83	Conserved oligomeric Golgi complex subunit 5	COG5	157510000	INFINITE
Q08188	Protein-glutamine gamma-glutamyltransferase E;P	TGM3	157500000	INFINITE
O43913	Origin recognition complex subunit 5	ORC5	157220000	INFINITE
P09884	DNA polymerase alpha catalytic subunit	POLA1	156870000	INFINITE
P51948	CDK-activating kinase assembly factor MAT1	MINAT1	156660000	INFINITE
Q9Y2D4	Exocyst complex component 6B	EXOC6B	156520000	INFINITE
Q9HBH5	Retinol dehydrogenase 14	RDH14	155960000	INFINITE
O43149	Zinc finger ZZ-type and EF-hand domain-containing protein	ZZEF1	155720000	INFINITE
Q14149	MORC family CW-type zinc finger protein 3	MORC3	155530000	INFINITE
Q16134	Electron transfer flavoprotein-ubiquinone oxidoreductase	ETFDH	155170000	INFINITE
Q9Y276	Mitochondrial chaperone BCS1	BCS1L	154870000	INFINITE
Q6YP21	Kynurenine--oxoglutarate transaminase 3	CCBL2	154870000	INFINITE
Q9Y2I1	Nischarin	NISCH	154690000	INFINITE

Q8IZ81	ELMO domain-containing protein 2	ELMOD2	154590000	INFINITE
Q9BZV1	UBX domain-containing protein 6	UBXN6	154140000	INFINITE
P34896	Serine hydroxymethyltransferase, cytosolic	SHMT1	153900000	INFINITE
Q99797	Mitochondrial intermediate peptidase	MIPEP	153320000	INFINITE
Q9NPF4	Probable tRNA N6-adenosine threonylcarbamoyltr	OSGEP	153000000	INFINITE
Q9Y4E6	WD repeat-containing protein 7	WDR7	152960000	INFINITE
Q9NRG0	Chromatin accessibility complex protein 1	CHRAC1	152410000	INFINITE
Q00013	55 kDa erythrocyte membrane protein	MPP1	152220000	INFINITE
Q8WUH6	Transmembrane protein 263	TMEM263	152190000	INFINITE
P42226	Signal transducer and activator of transcription 6	STAT6	151950000	INFINITE
Q96F07	Cytoplasmic FMR1-interacting protein 2	CYFIP2	151720000	INFINITE
P48426	Phosphatidylinositol 5-phosphate 4-kinase type-2	PIP4K2A	151700000	INFINITE
Q99627	COP9 signalosome complex subunit 8	COPS8	151540000	INFINITE
P42566	Epidermal growth factor receptor substrate 15	EPS15	151440000	INFINITE
Q3SY69	Mitochondrial 10-formyltetrahydrofolate dehydrog	ALDH1L2	151350000	INFINITE
Q8N5M4	Tetratricopeptide repeat protein 9C	TTC9C	151300000	INFINITE
P62834	Ras-related protein Rap-1A	RAP1A	151240000	INFINITE
Q9Y6A5	Transforming acidic coiled-coil-containing protein 3	TACC3	150870000	INFINITE
Q9NRG1	Phosphoribosyltransferase domain-containing prot	PRTFDC1	150180000	INFINITE
Q8N8N7	Prostaglandin reductase 2	PTGR2	149520000	INFINITE
O75608	Acyl-protein thioesterase 1	LYPLA1	149200000	INFINITE
Q9BV57	1,2-dihydroxy-3-keto-5-methylthiopentene dioxyl	ADI1	148040000	INFINITE
Q13017	Rho GTPase-activating protein 5	ARHGAP5	147900000	INFINITE
O14653	Golgi SNAP receptor complex member 2	GOSR2	147590000	INFINITE
Q8NEU8	DCC-interacting protein 13-beta	APPL2	147380000	INFINITE
O14548	Cytochrome c oxidase subunit 7A-related protein,	COX7A2L	146880000	INFINITE
Q14197	Peptidyl-tRNA hydrolase ICT1, mitochondrial	ICT1	146440000	INFINITE
Q14126	Desmoglein-2	DSG2	145890000	INFINITE
P49356	Protein farnesyltransferase subunit beta	FNTB	145460000	INFINITE
P16278	Beta-galactosidase	GLB1	145460000	INFINITE
Q9NX74	tRNA-dihydrouridine(20) synthase [NAD(P)+]-like	DUS2	145180000	INFINITE
P12694	2-oxoisovalerate dehydrogenase subunit alpha, mi	BCKDHA	145140000	INFINITE
Q6UWP7	Lysocardiolipin acyltransferase 1	LCLAT1	143920000	INFINITE
Q6PD74	Alpha- and gamma-adaptin-binding protein p34	AAGAB	143200000	INFINITE
Q9UEE9	Craniofacial development protein 1	CFDP1	142930000	INFINITE
O00625	Pirin	PIR	142680000	INFINITE
Q15121	Astrocytic phosphoprotein PEA-15	PEA15	142470000	INFINITE
Q9NZZ3	Charged multivesicular body protein 5	CHMP5	141930000	INFINITE
P27487	Dipeptidyl peptidase 4;Dipeptidyl peptidase 4 men	DPP4	141330000	INFINITE
Q9UGP4	LIM domain-containing protein 1	LIMD1	141060000	INFINITE
Q15833	Syntaxin-binding protein 2	STXBP2	140990000	INFINITE
Q8WWV3	Reticulon-4-interacting protein 1, mitochondrial	RTN4IP1	140470000	INFINITE
Q9H0C8	Integrin-linked kinase-associated serine/threonine	ILKAP	140150000	INFINITE
Q9BSV6	tRNA-splicing endonuclease subunit Sen34	TSEN34	139980000	INFINITE
Q6IA86	Elongator complex protein 2	ELP2	139910000	INFINITE
Q15102	Platelet-activating factor acetylhydrolase IB subuni	PAFAH1B3	139860000	INFINITE
Q6IAA8	Ragulator complex protein LAMTOR1	LAMTOR1	139740000	INFINITE
P52948	Nuclear pore complex protein Nup98-Nup96;Nucle	NUP98	139650000	INFINITE
Q05397	Focal adhesion kinase 1	PTK2	139290000	INFINITE
Q9NVH1	DnaJ homolog subfamily C member 11	DNAJC11	139200000	INFINITE



Q9UHI6	Sedoheptulokinase	SHPK	139140000	INFINITE
Q9NPD8	Ubiquitin-conjugating enzyme E2 T	UBE2T	138640000	INFINITE
O43617	Trafficking protein particle complex subunit 3	TRAPPC3	138550000	INFINITE
Q96EY4	Translation machinery-associated protein 16	TMA16	138460000	INFINITE
P36406	E3 ubiquitin-protein ligase TRIM23	TRIM23	138450000	INFINITE
Q8N5M1	ATP synthase mitochondrial F1 complex assembly	ATPAF2	138430000	INFINITE
O75431	Metaxin-2	MTX2	138200000	INFINITE
O43752	Syntaxin-6	STX6	138160000	INFINITE
P04183	Thymidine kinase, cytosolic	TK1	137370000	INFINITE
Q9UID3	Vacuolar protein sorting-associated protein 51 hor	VPS51	136890000	INFINITE
P45877	Peptidyl-prolyl cis-trans isomerase C	PPIC	136880000	INFINITE
P49459	Ubiquitin-conjugating enzyme E2 A	UBE2A	136730000	INFINITE
Q9H4A5	Golgi phosphoprotein 3-like	GOLPH3L	136720000	INFINITE
O43395	U4/U6 small nuclear ribonucleoprotein Prp3	PRPF3	136500000	INFINITE
P20336	Ras-related protein Rab-3A	RAB3A	136460000	INFINITE
O95182	NADH dehydrogenase [ubiquinone] 1 alpha subcor	NDUFA7	136320000	INFINITE
Q9NXV2	BTB/POZ domain-containing protein KCTD5	KCTD5	136020000	INFINITE
A0MZ66	Shootin-1	KIAA1598	135980000	INFINITE
Q8NCN5	Pyruvate dehydrogenase phosphatase regulatory s	PDPR	135960000	INFINITE
Q7Z3J2	UPF0505 protein C16orf62	C16orf62	135780000	INFINITE
O15382	Branched-chain-amino-acid aminotransferase, mit	BCAT2	135370000	INFINITE
O14656	Torsin-1A	TOR1A	135230000	INFINITE
Q96GQ5	RUS1 family protein C16orf58	C16orf58	135200000	INFINITE
Q9P253	Vacuolar protein sorting-associated protein 18 hor	VPS18	134200000	INFINITE
Q2NKX8	DNA excision repair protein ERCC-6-like	ERCC6L	134110000	INFINITE
Q9UL25	Ras-related protein Rab-21	RAB21	133900000	INFINITE
O75150	E3 ubiquitin-protein ligase BRE1B	RNF40	133810000	INFINITE
Q96S55	ATPase WRNIP1	WRNIP1	133700000	INFINITE
Q9BUT1	3-hydroxybutyrate dehydrogenase type 2	BDH2	133600000	INFINITE
Q9P260	LisH domain and HEAT repeat-containing protein K	KIAA1468	133450000	INFINITE
P42356	Phosphatidylinositol 4-kinase alpha	PI4KA	133290000	INFINITE
P10606	Cytochrome c oxidase subunit 5B, mitochondrial	COX5B	133130000	INFINITE
Q9H1B7	Interferon regulatory factor 2-binding protein-like	IRF2BPL	133010000	INFINITE
Q9NS86	LanC-like protein 2	LANCL2	132230000	INFINITE
P27701	CD82 antigen	CD82	132170000	INFINITE
Q6P161	39S ribosomal protein L54, mitochondrial	MRPL54	132160000	INFINITE
Q9BT73	Proteasome assembly chaperone 3	PSMG3	132020000	INFINITE
O60231	Putative pre-mRNA-splicing factor ATP-dependent	DHX16	131940000	INFINITE
P06702	Protein S100-A9	S100A9	131930000	INFINITE
Q9NX47	E3 ubiquitin-protein ligase MARCH5		Mar-05 131280000	INFINITE
Q9Y6N1	Cytochrome c oxidase assembly protein COX11, mi	COX11	130710000	INFINITE
Q9BY42	Protein RTF2 homolog	RTFDC1	130700000	INFINITE
P04424	Argininosuccinate lyase	ASL	130650000	INFINITE
O94966	Ubiquitin carboxyl-terminal hydrolase 19	USP19	129760000	INFINITE
P31751	RAC-beta serine/threonine-protein kinase	AKT2	129170000	INFINITE
Q8TBX8	Phosphatidylinositol 5-phosphate 4-kinase type-2	PIP4K2C	128950000	INFINITE
P55327	Tumor protein D52	TPD52	128350000	INFINITE
Q9UNW1	Multiple inositol polyphosphate phosphatase 1	MINPP1	128230000	INFINITE
Q5VT52	Regulation of nuclear pre-mRNA domain-containin	RPRD2	128180000	INFINITE
P08581	Hepatocyte growth factor receptor	MET	128100000	INFINITE

Q15398	Disks large-associated protein 5	DLGAP5	128080000	INFINITE
Q9H446	RWD domain-containing protein 1	RWDD1	127980000	INFINITE
P42858	Huntingtin	HTT	127370000	INFINITE
P78540	Arginase-2, mitochondrial	ARG2	127180000	INFINITE
O00233	26S proteasome non-ATPase regulatory subunit 9	PSMD9	126970000	INFINITE
Q01415	N-acetylgalactosamine kinase	GALK2	126860000	INFINITE
Q16763	Ubiquitin-conjugating enzyme E2 S	UBE2S	126550000	INFINITE
Q8N9N8	Probable RNA-binding protein EIF1AD	EIF1AD	125860000	INFINITE
P24386	Rab proteins geranylgeranyltransferase componen	CHM	125170000	INFINITE
Q9NVX2	Notchless protein homolog 1	NLE1	125140000	INFINITE
A3KMH1	von Willebrand factor A domain-containing proteir	VWA8	125090000	INFINITE
Q9UQ16	Dynamin-3	DNM3	124900000	INFINITE
O14735	CDP-diacylglycerol--inositol 3-phosphatidyltransfer	CDIPT	124730000	INFINITE
Q5JSH3	WD repeat-containing protein 44	WDR44	124540000	INFINITE
Q9NRK6	ATP-binding cassette sub-family B member 10, mit	ABCB10	124490000	INFINITE
Q15139	Serine/threonine-protein kinase D1	PRKD1	124230000	INFINITE
Q14691	DNA replication complex GINS protein PSF1	GINS1	124230000	INFINITE
Q9H269	Vacuolar protein sorting-associated protein 16 hor	VPS16	124090000	INFINITE
O60830	Mitochondrial import inner membrane translocase	TIMM17B	123760000	INFINITE
Q9NVT9	Armadillo repeat-containing protein 1	ARMC1	123630000	INFINITE
Q13641	Trophoblast glycoprotein	TPBG	123230000	INFINITE
Q9NXR1;Q	Nuclear distribution protein nudE homolog 1;Nucl	NDE1;NDEL1	123140000	INFINITE
Q86TU7	Histone-lysine N-methyltransferase setd3	SETD3	123020000	INFINITE
A0A024R1F	Translation machinery-associated protein 7	hCG_2014768;TM	122890000	INFINITE
O95881	Thioredoxin domain-containing protein 12	TXNDC12	122570000	INFINITE
C4AMC7;Q	Putative WAS protein family homolog 3;WAS prote	WASH3P;WASH2P	122430000	INFINITE
Q8TDQ7	Glucosamine-6-phosphate isomerase 2	GNPDA2	122410000	INFINITE
O75976	Carboxypeptidase D	CPD	122120000	INFINITE
Q9BYV8	Centrosomal protein of 41 kDa	CEP41	121420000	INFINITE
P40692	DNA mismatch repair protein Mlh1	MLH1	121290000	INFINITE
Q9BZE9	Tether containing UBX domain for GLUT4	ASPSR1	120840000	INFINITE
Q13740	CD166 antigen	ALCAM	120740000	INFINITE
Q8IUR7	Armadillo repeat-containing protein 8	ARMC8	120390000	INFINITE
Q9GZN8	UPF0687 protein C20orf27	C20orf27	120370000	INFINITE
Q8TD16	Protein bicaudal D homolog 2	BICD2	120090000	INFINITE
O75496	Geminin	GMNN	120060000	INFINITE
P61916	Epididymal secretory protein E1	NPC2	119960000	INFINITE
Q9Y314	Nitric oxide synthase-interacting protein	NOSIP	119660000	INFINITE
Q96CP2	FLYWCH family member 2	FLYWCH2	119520000	INFINITE
Q0VGL1	Ragulator complex protein LAMTOR4;Ragulator co	LAMTOR4	118980000	INFINITE
Q8TDZ2	Protein-methionine sulfoxide oxidase MICAL1	MICAL1	118880000	INFINITE
Q8WTW3	Conserved oligomeric Golgi complex subunit 1	COG1	118680000	INFINITE
P78318	Immunoglobulin-binding protein 1	IGBP1	118680000	INFINITE
Q9Y4K4	Mitogen-activated protein kinase kinase kinase kin	MAP4K5	118470000	INFINITE
Q86UY8	5-nucleotidase domain-containing protein 3	NT5DC3	118460000	INFINITE
O43660	Pleiotropic regulator 1	PLRG1	118260000	INFINITE
Q92636	Protein FAN	NSMAF	117950000	INFINITE
Q9UM54	Unconventional myosin-VI	MYO6	117670000	INFINITE
O75794	Cell division cycle protein 123 homolog	CDC123	117610000	INFINITE
Q5SY16	Polynucleotide 5-hydroxyl-kinase NOL9	NOL9	117450000	INFINITE

Q9UBN6	Tumor necrosis factor receptor superfamily memb	TNFRSF10D	117170000	INFINITE
O43678	NADH dehydrogenase [ubiquinone] 1 alpha subcor	NDUFA2	116610000	INFINITE
Q05639	Elongation factor 1-alpha 2	EEF1A2	116070000	INFINITE
Q96G28	Cilia- and flagella-associated protein 36	CFAP36	115840000	INFINITE
Q93052	Lipoma-preferred partner	LPP	115670000	INFINITE
P20839	Inosine-5-monophosphate dehydrogenase 1	IMPDH1	115600000	INFINITE
Q9NVG8	TBC1 domain family member 13	TBC1D13	114900000	INFINITE
Q86S22	Trafficking protein particle complex subunit 6B	TRAPPC6B	114700000	INFINITE
P40306	Proteasome subunit beta type-10	PSMB10	114680000	INFINITE
Q8N122	Regulatory-associated protein of mTOR	RPTOR	114340000	INFINITE
Q96P48	Arf-GAP with Rho-GAP domain, ANK repeat and Pf	ARAP1	113570000	INFINITE
Q9Y3P9	Rab GTPase-activating protein 1	RABGAP1	113520000	INFINITE
P83436	Conserved oligomeric Golgi complex subunit 7	COG7	113290000	INFINITE
P28062	Proteasome subunit beta type-8	PSMB8	113040000	INFINITE
P05106	Integrin beta-3	ITGB3	113000000	INFINITE
Q9P0J1	[Pyruvate dehydrogenase [acetyl-transferring]]-ph	PDP1	112770000	INFINITE
Q7Z434	Mitochondrial antiviral-signaling protein	MAVS	112720000	INFINITE
O00330	Pyruvate dehydrogenase protein X component, mi	PDHX	112670000	INFINITE
Q7Z422	SUZ domain-containing protein 1	SZRD1	112350000	INFINITE
Q9H3H3	UPF0696 protein C11orf68	C11orf68	112260000	INFINITE
P32929	Cystathionine gamma-lyase	CTH	111910000	INFINITE
P29083	General transcription factor IIE subunit 1	GTF2E1	111870000	INFINITE
Q14344	Guanine nucleotide-binding protein subunit alpha-	GNA13	111710000	INFINITE
Q96BW5	Phosphotriesterase-related protein	PTER	111480000	INFINITE
P18583	Protein SON	SON	111440000	INFINITE
Q9UBB9	Tuftelin-interacting protein 11	TFIP11	111360000	INFINITE
Q9NW82	WD repeat-containing protein 70	WDR70	110540000	INFINITE
P61970	Nuclear transport factor 2	NUTF2	108670000	INFINITE
O15020	Spectrin beta chain, non-erythrocytic 2	SPTBN2	108620000	INFINITE
O60637	Tetraspanin-3	TSPAN3	108100000	INFINITE
Q8N108	Mesoderm induction early response protein 1	MIER1	107990000	INFINITE
O75127	Pentatricopeptide repeat-containing protein 1, mit	PTCD1	107280000	INFINITE
Q9UL45	Biogenesis of lysosome-related organelles comple	BLOC1S6	107090000	INFINITE
Q12840	Kinesin heavy chain isoform 5A	KIF5A	106390000	INFINITE
Q5JPH6	Probable glutamate--tRNA ligase, mitochondrial	EARS2	106330000	INFINITE
Q8N1G2	Cap-specific mRNA (nucleoside-2-O-)-methyltransf	CMTR1	106270000	INFINITE
Q9Y2J2	Band 4.1-like protein 3;Band 4.1-like protein 3, N-t	EPB41L3	106110000	INFINITE
Q9HBK9	Arsenite methyltransferase	AS3MT	105570000	INFINITE
Q7Z3E5	LisH domain-containing protein ARMC9	ARMC9	105040000	INFINITE
P13591	Neural cell adhesion molecule 1	NCAM1	104670000	INFINITE
Q8NBN3	Transmembrane protein 87A	TMEM87A	104480000	INFINITE
Q6UW63	KDEL motif-containing protein 1	KDEL1C1	104270000	INFINITE
O95208	Epsin-2	EPN2	104120000	INFINITE
Q9BUR5	Apolipoprotein O	APOO	103650000	INFINITE
P16383	GC-rich sequence DNA-binding factor 2	GCFC2	103570000	INFINITE
Q13445	Transmembrane emp24 domain-containing protei	TMED1	103560000	INFINITE
P51580	Thiopurine S-methyltransferase	TPMT	103450000	INFINITE
A0A0C4DH67;A0A0C4DH69;A0A075B6S5		IGKV1-8;IGKV1-9;I	103400000	INFINITE
Q00403	Transcription initiation factor IIB	GTF2B	103330000	INFINITE
O75600	2-amino-3-ketobutyrate coenzyme A ligase, mitoc	GCAT	103300000	INFINITE

P50897	Palmitoyl-protein thioesterase 1	PPT1	103200000	INFINITE
Q9UPN9	E3 ubiquitin-protein ligase TRIM33	TRIM33	102970000	INFINITE
P62328	Thymosin beta-4;Hematopoietic system regulatory	TMSB4X	102870000	INFINITE
Q08722	Leukocyte surface antigen CD47	CD47	102830000	INFINITE
P54725	UV excision repair protein RAD23 homolog A	RAD23A	102560000	INFINITE
Q9H7F0	Probable cation-transporting ATPase 13A3	ATP13A3	102450000	INFINITE
P51784	Ubiquitin carboxyl-terminal hydrolase 11	USP11	102450000	INFINITE
O43347	RNA-binding protein Musashi homolog 1	MSI1	102010000	INFINITE
Q9NV88	Integrator complex subunit 9	INTS9	101840000	INFINITE
Q6A1A2;O	Putative 3-phosphoinositide-dependent protein kinase	PDPK2P;PDPK1	101660000	INFINITE
Q9NX62	Inositol monophosphatase 3	IMPAD1	101280000	INFINITE
Q6P3W7	SCY1-like protein 2	SCYL2	101250000	INFINITE
Q96FZ7	Charged multivesicular body protein 6	CHMP6	101190000	INFINITE
Q8N9F7	Glycerophosphodiester phosphodiesterase domain	GDPD1	101090000	INFINITE
O60934	Nibrin	NBN	100910000	INFINITE
P51965	Ubiquitin-conjugating enzyme E2 E1	UBE2E1	100710000	INFINITE
Q14627	Interleukin-13 receptor subunit alpha-2	IL13RA2	100640000	INFINITE
P51649	Succinate-semialdehyde dehydrogenase, mitochondrial	ALDH5A1	100630000	INFINITE
Q96I51	Williams-Beuren syndrome chromosomal region 11q24	WBSCR16	100310000	INFINITE
P09001	39S ribosomal protein L3, mitochondrial	MRPL3	99514000	INFINITE
O96013	Serine/threonine-protein kinase PAK 4	PAK4	99374000	INFINITE
O14618	Copper chaperone for superoxide dismutase	CCS	99228000	INFINITE
Q96H20	Vacuolar-sorting protein SNF8	SNF8	99069000	INFINITE
P61803	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 1	DAD1	98915000	INFINITE
Q7L5Y1	Mitochondrial enolase superfamily member 1	ENOSF1	98633000	INFINITE
O95167	NADH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA3	98381000	INFINITE
Q9Y2R0	Cytochrome c oxidase assembly factor 3 homolog, COA3		98363000	INFINITE
Q6UX04	Peptidyl-prolyl cis-trans isomerase CWC27 homolog	CWC27	98295000	INFINITE
Q86YN1	Dolichyldiphosphatase 1	DOLPP1	98295000	INFINITE
Q9BVA0	Katanin p80 WD40 repeat-containing subunit B1	KATNB1	98145000	INFINITE
Q969U7	Proteasome assembly chaperone 2	PSMG2	97794000	INFINITE
Q9BTX1	Nucleoporin NDC1	NDC1	97763000	INFINITE
Q07864	DNA polymerase epsilon catalytic subunit A	POLE	97614000	INFINITE
Q9H788	SH2 domain-containing protein 4A	SH2D4A	97596000	INFINITE
Q96CV9	Optineurin	OPTN	97525000	INFINITE
Q03252	Lamin-B2	LMNB2	97463000	INFINITE
O75879	Glutamyl-tRNA(Gln) amidotransferase subunit B, nuclear	GATB	97462000	INFINITE
Q8TB52	F-box only protein 30	FBXO30	97386000	INFINITE
Q8WXE9	Stonin-2	STON2	97258000	INFINITE
O00423	Echinoderm microtubule-associated protein-like 1	EML1	96816000	INFINITE
O95260	Arginyl-tRNA--protein transferase 1	ATE1	96780000	INFINITE
Q5TBB1	Ribonuclease H2 subunit B	RNASEH2B	96560000	INFINITE
Q9H0P0	Cytosolic 5-nucleotidase 3A	NT5C3A	96496000	INFINITE
Q8NCG7	Sn1-specific diacylglycerol lipase beta	DAGLB	96476000	INFINITE
A1A4S6	Rho GTPase-activating protein 10	ARHGAP10	96470000	INFINITE
Q7L592	NADH dehydrogenase [ubiquinone] complex I, assembly factor 7	NDUFA7	95927000	INFINITE
Q15628	Tumor necrosis factor receptor type 1-associated 1	TRADD	95900000	INFINITE
Q96BP3	Peptidylprolyl isomerase domain and WD repeat-containing protein 1	PPWD1	95866000	INFINITE
Q9UDX4;O	SEC14-like protein 3;SEC14-like protein 2	SEC14L3;SEC14L2	95841000	INFINITE
Q969N2	GPI transamidase component PIG-T	PIGT	95806000	INFINITE

Q9BVM2	Protein DPCD	DPCD	95688000	INFINITE
Q96EY5	Multivesicular body subunit 12A	MVB12A	95628000	INFINITE
A1X283	SH3 and PX domain-containing protein 2B	SH3PXD2B	95420000	INFINITE
O15056	Synaptojanin-2	SYNJ2	95262000	INFINITE
Q86WB0	Nuclear-interacting partner of ALK	ZC3HC1	95220000	INFINITE
P52758	Ribonuclease UK114	HRSP12	95169000	INFINITE
Q9Y3C8	Ubiquitin-fold modifier-conjugating enzyme 1	UFC1	95168000	INFINITE
Q8IWW7	E3 ubiquitin-protein ligase UBR1	UBR1	95021000	INFINITE
Q86X76	Nitrilase homolog 1	NIT1	95016000	INFINITE
Q99447	Ethanolamine-phosphate cytidyltransferase	PCYT2	94826000	INFINITE
Q96BJ3	Axin interactor, dorsalization-associated protein	AIDA	94780000	INFINITE
Q8NB37	Parkinson disease 7 domain-containing protein 1	PDDC1	94425000	INFINITE
Q53HC9	Protein TSSC1	TSSC1	93741000	INFINITE
Q9H9C1	Spermatogenesis-defective protein 39 homolog	VIPAS39	93410000	INFINITE
P00414	Cytochrome c oxidase subunit 3	MT-CO3	93362000	INFINITE
O75884	Putative hydrolase RBBP9	RBBP9	93254000	INFINITE
Q8IYS1	Peptidase M20 domain-containing protein 2	PM20D2	93235000	INFINITE
P06865	Beta-hexosaminidase subunit alpha	HEXA	93004000	INFINITE
Q15526	Surfeit locus protein 1	SURF1	92939000	INFINITE
Q9H5N1	Rab GTPase-binding effector protein 2	RABEP2	92858000	INFINITE
P33527	Multidrug resistance-associated protein 1	ABCC1	92755000	INFINITE
Q8TF66	Leucine-rich repeat-containing protein 15	LRRC15	92388000	INFINITE
O15305	Phosphomannomutase 2	PMM2	92052000	INFINITE
Q9HBM6;Q	Transcription initiation factor TFIID subunit 9B;TraI TAF9B;TAF9		91895000	INFINITE
Q9HCS7	Pre-mRNA-splicing factor SYF1	XAB2	91792000	INFINITE
Q9BTZ2;P0	Dehydrogenase/reductase SDR family member 4;P DHRS4;DHRS4L1		91507000	INFINITE
O14933	Ubiquitin/ISG15-conjugating enzyme E2 L6	UBE2L6	91153000	INFINITE
O15294	UDP-N-acetylglucosamine--peptide N-acetylglucos	OGT	91055000	INFINITE
Q15843	NEDD8	NEDD8	90901000	INFINITE
O14802	DNA-directed RNA polymerase III subunit RPC1	POLR3A	90876000	INFINITE
P78356	Phosphatidylinositol 5-phosphate 4-kinase type-2 I	PIP4K2B	90266000	INFINITE
Q5VZE5	N-alpha-acetyltransferase 35, NatC auxiliary subun	NAA35	89965000	INFINITE
Q8IYQ7	Threonine synthase-like 1	THNSL1	89667000	INFINITE
O95671	N-acetylserotonin O-methyltransferase-like protei	ASMTL	89379000	INFINITE
P80217	Interferon-induced 35 kDa protein	IFI35	89159000	INFINITE
Q9UFC0	Leucine-rich repeat and WD repeat-containing pro	LRWD1	89072000	INFINITE
Q9NRP0	Oligosaccharyltransferase complex subunit OSTC	OSTC	88912000	INFINITE
O75449	Katanin p60 ATPase-containing subunit A1	KATNA1	88811000	INFINITE
Q9NUT2	ATP-binding cassette sub-family B member 8, mito	ABCB8	88515000	INFINITE
Q96SZ6	CDK5 regulatory subunit-associated protein 1	CDK5RAP1	88104000	INFINITE
O75629	Protein CREG1	CREG1	88056000	INFINITE
Q9HOW8	Protein SMG9	SMG9	87720000	INFINITE
Q9UMR2	ATP-dependent RNA helicase DDX19B	DDX19B	87581000	INFINITE
Q8IV08	Phospholipase D3	PLD3	87501000	INFINITE
P57105	Synaptojanin-2-binding protein	SYNJ2BP	87431000	INFINITE
Q9C040	Tripartite motif-containing protein 2	TRIM2	87402000	INFINITE
P18615	Negative elongation factor E	NELFE	87370000	INFINITE
P61769	Beta-2-microglobulin;Beta-2-microglobulin form pl	B2M	87301000	INFINITE
Q9UGJ0	5-AMP-activated protein kinase subunit gamma-2	PRKAG2	86938000	INFINITE
O95470	Sphingosine-1-phosphate lyase 1	SGPL1	86381000	INFINITE

P42575	Caspase-2;Caspase-2 subunit p18;Caspase-2 subur	CASP2	86292000	INFINITE
Q92930	Ras-related protein Rab-8B	RAB8B	86241000	INFINITE
Q8N2G8	GH3 domain-containing protein	GHDC	85828000	INFINITE
Q9Y223	Bifunctional UDP-N-acetylglucosamine 2-epimeras	GNE	85535000	INFINITE
PODSN7;A0A075B6S9		IGKV1D-37	85253000	INFINITE
P47929	Galectin-7	LGALS7	85160000	INFINITE
Q8ND76	Cyclin-Y	CCNY	85005000	INFINITE
Q7Z5K2	Wings apart-like protein homolog	WAPAL	84931000	INFINITE
Q9NSK0	Kinesin light chain 4	KLC4	84892000	INFINITE
Q96J01	THO complex subunit 3	THOC3	84841000	INFINITE
O43402	ER membrane protein complex subunit 8	EMC8	84749000	INFINITE
Q86XI8	Uncharacterized protein C19orf68	C19orf68	84623000	INFINITE
Q96BH1	E3 ubiquitin-protein ligase RNF25	RNF25	84552000	INFINITE
Q7Z5L9	Interferon regulatory factor 2-binding protein 2	IRF2BP2	84505000	INFINITE
O43929	Origin recognition complex subunit 4	ORC4	84038000	INFINITE
P22413	Ectonucleotide pyrophosphatase/phosphodiesterase	ENPP1	83942000	INFINITE
Q4G0N4	NAD kinase 2, mitochondrial	NADK2	83782000	INFINITE
Q96Q15	Serine/threonine-protein kinase SMG1	SMG1	83693000	INFINITE
Q96EV2	RNA-binding protein 33	RBM33	83618000	INFINITE
Q7Z4G4	tRNA (guanine(10)-N2)-methyltransferase homolog	TRMT11	83497000	INFINITE
P05026	Sodium/potassium-transporting ATPase subunit beta	ATP1B1	83448000	INFINITE
Q9HD15	Steroid receptor RNA activator 1	SRA1	83281000	INFINITE
Q9BWS9	Chitinase domain-containing protein 1	CHID1	83252000	INFINITE
O43815	Striatin	STRN	83225000	INFINITE
Q86SF2	N-acetylgalactosaminyltransferase 7	GALNT7	83200000	INFINITE
P23025	DNA repair protein complementing XP-A cells	XPA	83175000	INFINITE
O15431	High affinity copper uptake protein 1	SLC31A1	83083000	INFINITE
Q9BZJ0	Crooked neck-like protein 1	CRNKL1	83049000	INFINITE
P23497	Nuclear autoantigen Sp-100	SP100	82991000	INFINITE
Q8N4V1	Membrane magnesium transporter 1	MMGT1	82853000	INFINITE
Q9Y4P8	WD repeat domain phosphoinositide-interacting protein	WIPI2	82186000	INFINITE
P48163	NADP-dependent malic enzyme	ME1	81929000	INFINITE
Q96PU5	E3 ubiquitin-protein ligase NEDD4-like	NEDD4L	81576000	INFINITE
Q9H201	Epsin-3	EPN3	81546000	INFINITE
Q8NBF6	Late secretory pathway protein AVL9 homolog	AVL9	81496000	INFINITE
Q13362	Serine/threonine-protein phosphatase 2A 56 kDa isoform alpha	PPP2R5C	81234000	INFINITE
Q969G6	Riboflavin kinase	RFK	81209000	INFINITE
Q4G176	Acyl-CoA synthetase family member 3, mitochondrial	ACSF3	80713000	INFINITE
Q8NBI5	Solute carrier family 43 member 3	SLC43A3	80548000	INFINITE
Q13642	Four and a half LIM domains protein 1	FHL1	80439000	INFINITE
Q8N4P3	Guanosine-3,5-bis(diphosphate) 3-pyrophosphohydrolase	HDDC3	80305000	INFINITE
Q4G0F5	Vacuolar protein sorting-associated protein 26B	VPS26B	80231000	INFINITE
Q6NYC8	Phostensin	PPP1R18	79719000	INFINITE
Q14141	Septin-6		Sep-06 79643000	INFINITE
Q6P158	Putative ATP-dependent RNA helicase DHX57	DHX57	79457000	INFINITE
Q16877;P1	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase	PFKFB4;PFKFB1	79420000	INFINITE
Q9Y4X5	E3 ubiquitin-protein ligase ARIH1	ARIH1	79193000	INFINITE
Q86U90	YrdC domain-containing protein, mitochondrial	YRDC	78935000	INFINITE
Q92504	Zinc transporter SLC39A7	SLC39A7	78807000	INFINITE
Q9BXW9	Fanconi anemia group D2 protein	FANCD2	78644000	INFINITE

Q9UNN5	FAS-associated factor 1	FAF1	78610000	INFINITE
Q96AB3	Isochorismatase domain-containing protein 2, mitochondrial	ISOC2	78440000	INFINITE
Q13610	Periodic tryptophan protein 1 homolog	PWP1	78376000	INFINITE
Q13188	Serine/threonine-protein kinase 3;Serine/threonine kinase 3	STK3	78173000	INFINITE
Q7LG56	Ribonucleoside-diphosphate reductase subunit M2	RRM2B	77539000	INFINITE
Q9ULH7	MKL/myocardin-like protein 2	MKL2	77527000	INFINITE
P07738	Bisphosphoglycerate mutase	BPGM	77387000	INFINITE
A6NCN2	Putative keratin-87 protein	KRT87P	77219000	INFINITE
Q4G148	Glucoside xylosyltransferase 1	GXYLT1	76886000	INFINITE
Q99836	Myeloid differentiation primary response protein 88	MYD88	76779000	INFINITE
P85037	Forkhead box protein K1	FOXK1	76750000	INFINITE
Q9H6V9	UPF0554 protein C2orf43	C2orf43	76402000	INFINITE
P35555	Fibrillin-1	FBN1	76333000	INFINITE
O75027	ATP-binding cassette sub-family B member 7, mitochondrial	ABCB7	76093000	INFINITE
Q9Y2W6	Tudor and KH domain-containing protein	TDRKH	75673000	INFINITE
O43567	E3 ubiquitin-protein ligase RNF13	RNF13	75537000	INFINITE
Q9NRL3	Striatin-4	STRN4	75519000	INFINITE
P27105	Erythrocyte band 7 integral membrane protein	STOM	75177000	INFINITE
Q7Z4T9	Protein MAATS1	MAATS1	75135000	INFINITE
Q9BTD8	RNA-binding protein 42	RBM42	74980000	INFINITE
P49768	Presenilin-1;Presenilin-1 NTF subunit;Presenilin-1 (gamma-secretase 1)	PSEN1	74683000	INFINITE
Q9Y6G3	39S ribosomal protein L42, mitochondrial	MRPL42	74212000	INFINITE
P14649	Myosin light chain 6B	MYL6B	73912000	INFINITE
Q9NP81	Serine--tRNA ligase, mitochondrial	SARS2	73912000	INFINITE
Q9UJC3	Protein Hook homolog 1	HOOK1	73872000	INFINITE
Q96AX1	Vacuolar protein sorting-associated protein 33A	VPS33A	73778000	INFINITE
Q9H1D9	DNA-directed RNA polymerase III subunit RPC6	POLR3F	73639000	INFINITE
P48651	Phosphatidylserine synthase 1	PTDSS1	73464000	INFINITE
Q12974;Q99747	Protein tyrosine phosphatase type IVA 2;Protein tyrosine phosphatase type IVA 2	PTP4A2;PTP4A1	73256000	INFINITE
Q99747	Gamma-soluble NSF attachment protein	NAPG	73197000	INFINITE
Q9NZN3	EH domain-containing protein 3	EHD3	72911000	INFINITE
Q6NW29	RWD domain-containing protein 4	RWDD4	72880000	INFINITE
P51617	Interleukin-1 receptor-associated kinase 1	IRAK1	72695000	INFINITE
P36639	7,8-dihydro-8-oxoguanine triphosphatase	NUDT1	72437000	INFINITE
Q9UBL3	Set1/Ash2 histone methyltransferase complex subunit 2	ASH2L	72429000	INFINITE
O95166;Q99747	Gamma-aminobutyric acid receptor-associated protein 4	GABARAP;GABARAPL1	72330000	INFINITE
Q9BUR4	Telomerase Cajal body protein 1	WRAP53	72077000	INFINITE
B9A064;P04114	Immunoglobulin lambda-like polypeptide 5;Ig lambda 5	IGLL5;IGLC1	71964000	INFINITE
Q8WXD5	Gem-associated protein 6	GEMIN6	71900000	INFINITE
P18887	DNA repair protein XRCC1	XRCC1	71772000	INFINITE
Q9BWQ6	Protein YIPF2	YIPF2	71606000	INFINITE
P58107	Epiplakin	EPPK1	71557000	INFINITE
Q16718	NADH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA5	71298000	INFINITE
Q04726;Q04726	Transducin-like enhancer protein 3;Transducin-like enhancer protein 3	TLE3;TLE2;TLE1;TLE3	71289000	INFINITE
P04114	Apolipoprotein B-100;Apolipoprotein B-48	APOB	71280000	INFINITE
Q5SWX8	Protein odr-4 homolog	ODR4	71048000	INFINITE
P56377	AP-1 complex subunit sigma-2	AP1S2	71026000	INFINITE
Q9Y2H6	Fibronectin type-III domain-containing protein 3A	FNDC3A	70833000	INFINITE
Q8N111	Cell cycle exit and neuronal differentiation protein	CEND1	70660000	INFINITE
P49840	Glycogen synthase kinase-3 alpha	GSK3A	70408000	INFINITE

Q9NPJ3	Acyl-coenzyme A thioesterase 13;Acyl-coenzyme A	ACOT13	70371000	INFINITE
Q9Y4B6	Protein VPRBP	VPRBP	70309000	INFINITE
Q99996	A-kinase anchor protein 9	AKAP9	69838000	INFINITE
O15075	Serine/threonine-protein kinase DCLK1	DCLK1	69822000	INFINITE
O75419	Cell division control protein 45 homolog	CDC45	69603000	INFINITE
P23511	Nuclear transcription factor Y subunit alpha	NFYA	69564000	INFINITE
P49590	Probable histidine--tRNA ligase, mitochondrial	HARS2	69479000	INFINITE
Q13488	V-type proton ATPase 116 kDa subunit a isoform 3	TCIRG1	69444000	INFINITE
Q96I59	Probable asparagine--tRNA ligase, mitochondrial	NARS2	69422000	INFINITE
P41743	Protein kinase C iota type	PRKCI	69356000	INFINITE
O43493	Trans-Golgi network integral membrane protein 2	TGOLN2	68967000	INFINITE
Q01658	Protein Dr1	DR1	68760000	INFINITE
Q8NI60	Atypical kinase ADCK3, mitochondrial	ADCK3	68683000	INFINITE
Q7Z7K0	COX assembly mitochondrial protein homolog	CMC1	68666000	INFINITE
Q9H3Z4	DnaJ homolog subfamily C member 5	DNAJC5	68482000	INFINITE
P49815	Tuberin	TSC2	68334000	INFINITE
Q96HY7	Probable 2-oxoglutarate dehydrogenase E1 compo	DHTKD1	68155000	INFINITE
Q8NBJ4	Golgi membrane protein 1	GOLM1	68001000	INFINITE
Q13232	Nucleoside diphosphate kinase 3	NME3	67936000	INFINITE
P24821	Tenascin	TNC	67667000	INFINITE
Q9BZD4	Kinetochore protein Nuf2	NUF2	67452000	INFINITE
Q6YHK3	CD109 antigen	CD109	67365000	INFINITE
P04233	HLA class II histocompatibility antigen gamma chai	CD74	67339000	INFINITE
Q9P2D3	HEAT repeat-containing protein 5B	HEATR5B	67338000	INFINITE
Q9Y2L5	Trafficking protein particle complex subunit 8	TRAPPC8	67194000	INFINITE
O14874	[3-methyl-2-oxobutanoate dehydrogenase [lipoam	BCKDK	67094000	INFINITE
Q8WVT3	Trafficking protein particle complex subunit 12	TRAPPC12	66667000	INFINITE
Q8NBT2	Kinetochore protein Spc24	SPC24	66548000	INFINITE
Q5HYK3	2-methoxy-6-polyprenyl-1,4-benzoquinol methylas	COQ5	66527000	INFINITE
P11169;Q8	Solute carrier family 2, facilitated glucose transpor	SLC2A3;SLC2A14	66437000	INFINITE
Q86VR2	Protein FAM134C	FAM134C	66419000	INFINITE
Q5RI15	Cytochrome c oxidase protein 20 homolog	COX20	66343000	INFINITE
P30154	Serine/threonine-protein phosphatase 2A 65 kDa r	PPP2R1B	66107000	INFINITE
Q8NB46	Serine/threonine-protein phosphatase 6 regulator	ANKRD52	66015000	INFINITE
Q96MW1	Coiled-coil domain-containing protein 43	CCDC43	65993000	INFINITE
Q9C0F1	Centrosomal protein of 44 kDa	CEP44	65754000	INFINITE
Q68CQ7	Glycosyltransferase 8 domain-containing protein 1	GLT8D1	65621000	INFINITE
Q9Y3R5	Protein dopey-2	DOPEY2	65598000	INFINITE
Q86TP1	Protein prune homolog	PRUNE	65360000	INFINITE
P15291	Beta-1,4-galactosyltransferase 1;Lactose synthase	B4GALT1	65290000	INFINITE
Q9P013	Spliceosome-associated protein CWC15 homolog	CWC15	65233000	INFINITE
Q13546	Receptor-interacting serine/threonine-protein kin	RIPK1	65181000	INFINITE
P29317	Ephrin type-A receptor 2	EPHA2	65029000	INFINITE
P52735	Guanine nucleotide exchange factor VAV2	VAV2	64982000	INFINITE
Q92845	Kinesin-associated protein 3	KIFAP3	64979000	INFINITE
Q8IZ73	RNA pseudouridylate synthase domain-containing	RPUSD2	64827000	INFINITE
Q15052	Rho guanine nucleotide exchange factor 6	ARHGEF6	64811000	INFINITE
Q9UJ41	Rab5 GDP/GTP exchange factor	RABGEF1	64695000	INFINITE
Q6NUM9	All-trans-retinol 13,14-reductase	RETSAT	64656000	INFINITE
P51808	Dynein light chain Tctex-type 3	DYNLT3	64319000	INFINITE



Q15067	Peroxisomal acyl-coenzyme A oxidase 1	ACOX1	64215000	INFINITE
Q96SY0	von Willebrand factor A domain-containing protein VWA9		63783000	INFINITE
P49069	Calcium signal-modulating cyclophilin ligand	CAMLG	63477000	INFINITE
Q9Y2Z9	Ubiquinone biosynthesis monooxygenase COQ6, nr COQ6		63278000	INFINITE
Q9UNX4	WD repeat-containing protein 3	WDR3	63250000	INFINITE
Q96GX9	Methylthioribulose-1-phosphate dehydratase	APIP	63180000	INFINITE
Q8TBQ9	Protein kish-A	TMEM167A	63044000	INFINITE
Q7Z6M1	Rab9 effector protein with kelch motifs	RABEPK	62886000	INFINITE
Q9BV79	Trans-2-enoyl-CoA reductase, mitochondrial	MECR	62878000	INFINITE
Q9BPY3	Protein FAM118B	FAM118B	62845000	INFINITE
O75152	Zinc finger CCCH domain-containing protein 11A	ZC3H11A	62657000	INFINITE
O95379	Tumor necrosis factor alpha-induced protein 8	TNFAIP8	62230000	INFINITE
Q9H900	Protein zwilch homolog	ZWILCH	61880000	INFINITE
Q9C035	Tripartite motif-containing protein 5	TRIM5	61801000	INFINITE
Q70CQ2	Ubiquitin carboxyl-terminal hydrolase 34	USP34	61413000	INFINITE
Q53RT3	Retroviral-like aspartic protease 1	ASPRV1	61342000	INFINITE
Q9Y282	Endoplasmic reticulum-Golgi intermediate compartment ERGIC3		61210000	INFINITE
Q86VI3	Ras GTPase-activating-like protein IQGAP3	IQGAP3	61163000	INFINITE
Q5EBL4	RILP-like protein 1	RILPL1	60913000	INFINITE
Q9GZS1	DNA-directed RNA polymerase I subunit RPA49	POLR1E	60779000	INFINITE
Q96BM9	ADP-ribosylation factor-like protein 8A	ARL8A	60648000	INFINITE
Q8WUA7	TBC1 domain family member 22A	TBC1D22A	60616000	INFINITE
Q9UQ53	Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase 4B	MGAT4B	60601000	INFINITE
P49754	Vacuolar protein sorting-associated protein 41 homolog VPS41		60537000	INFINITE
P35813	Protein phosphatase 1A	PPM1A	60479000	INFINITE
Q6PID6	Tetratricopeptide repeat protein 33	TTC33	60392000	INFINITE
Q8N392	Rho GTPase-activating protein 18	ARHGAP18	60151000	INFINITE
Q96TC7	Regulator of microtubule dynamics protein 3	RMDN3	60147000	INFINITE
Q8WWI5	Choline transporter-like protein 1	SLC44A1	60130000	INFINITE
Q7L7V1	Putative pre-mRNA-splicing factor ATP-dependent DHX32		60122000	INFINITE
Q9BY41	Histone deacetylase 8	HDAC8	60102000	INFINITE
Q9UGJ1	Gamma-tubulin complex component 4	TUBGCP4	60093000	INFINITE
Q9H330	Transmembrane protein 245	TMEM245	60093000	INFINITE
Q14012	Calcium/calmodulin-dependent protein kinase type 1	CAMK1	60062000	INFINITE
P05114	Non-histone chromosomal protein HMG-14	HMGN1	60032000	INFINITE
O15111	Inhibitor of nuclear factor kappa-B kinase subunit 1 CHUK		59892000	INFINITE
Q9Y5Z4	Heme-binding protein 2	HEBP2	59825000	INFINITE
Q7L266	Isoaspartyl peptidase/L-asparaginase;isoaspartyl peptidase	ASRGL1	59478000	INFINITE
Q5T160	Probable arginine--tRNA ligase, mitochondrial	RARS2	59328000	INFINITE
Q9NUW8	Tyrosyl-DNA phosphodiesterase 1	TDP1	59213000	INFINITE
Q9Y587	AP-4 complex subunit sigma-1	AP4S1	59033000	INFINITE
P57081	tRNA (guanine-N(7)-)-methyltransferase non-catalytic	WDR4	59014000	INFINITE
Q9NXE4	Sphingomyelin phosphodiesterase 4	SMPD4	58946000	INFINITE
Q7Z7E8	Ubiquitin-conjugating enzyme E2 Q1	UBE2Q1	58872000	INFINITE
Q9P2B4	CTTNBP2 N-terminal-like protein	CTTNBP2NL	58474000	INFINITE
Q9NRY4	Rho GTPase-activating protein 35	ARHGAP35	58469000	INFINITE
Q8IWA4	Mitofusin-1	MFN1	58395000	INFINITE
Q9NZW5	MAGUK p55 subfamily member 6	MPP6	58301000	INFINITE
O95677	Eyes absent homolog 4	EYA4	58229000	INFINITE
Q92667	A-kinase anchor protein 1, mitochondrial	AKAP1	58215000	INFINITE

O75391	Sperm-associated antigen 7	SPAG7	58208000	INFINITE
Q9Y4K3	TNF receptor-associated factor 6	TRAF6	58195000	INFINITE
Q8IVM0	Coiled-coil domain-containing protein 50	CCDC50	58085000	INFINITE
O60341	Lysine-specific histone demethylase 1A	KDM1A	58035000	INFINITE
Q9UKZ1	CCR4-NOT transcription complex subunit 11	CNOT11	58026000	INFINITE
Q92791	Synaptonemal complex protein SC65	LEPREL4	57913000	INFINITE
Q13823	Nucleolar GTP-binding protein 2	GNL2	57876000	INFINITE
Q15369	Transcription elongation factor B polypeptide 1	TCEB1	57777000	INFINITE
Q6ZRS2	Helicase SRCAP	SRCAP	57692000	INFINITE
Q96DE0	U8 snoRNA-decapping enzyme	NUDT16	57519000	INFINITE
Q9NZ52	ADP-ribosylation factor-binding protein GGA3	GGA3	57473000	INFINITE
P01024	Complement C3;Complement C3 beta chain;C3-be C3		57438000	INFINITE
Q86WR0	Coiled-coil domain-containing protein 25	CCDC25	56916000	INFINITE
P06400	Retinoblastoma-associated protein	RB1	56848000	INFINITE
Q9NWXU1	3-oxoacyl-[acyl-carrier-protein] synthase, mitochondri	OXSM	56836000	INFINITE
Q9NWS0	PIH1 domain-containing protein 1	PIH1D1	56769000	INFINITE
P58546	Myotrophin	MTPN	56507000	INFINITE
P15104	Glutamine synthetase	GLUL	56467000	INFINITE
O95684	FGFR1 oncogene partner	FGFR1OP	56345000	INFINITE
O95149	Snurportin-1	SNUPN	56333000	INFINITE
P47712	Cytosolic phospholipase A2;Phospholipase A2;Lysc	PLA2G4A	56287000	INFINITE
O95807	Transmembrane protein 50A	TMEM50A	56251000	INFINITE
P42785	Lysosomal Pro-X carboxypeptidase	PRCP	56133000	INFINITE
Q96F85	CB1 cannabinoid receptor-interacting protein 1	CNRIP1	56015000	INFINITE
O43677	NADH dehydrogenase [ubiquinone] 1 subunit C1, r	NDUFC1	55906000	INFINITE
Q8TEY7	Ubiquitin carboxyl-terminal hydrolase 33	USP33	55870000	INFINITE
Q6NZY4	Zinc finger CCHC domain-containing protein 8	ZCCHC8	55729000	INFINITE
Q8WVC6	Dephospho-CoA kinase domain-containing protein	DCAKD	55641000	INFINITE
Q9NTI5	Sister chromatid cohesion protein PDS5 homolog E	PDS5B	55370000	INFINITE
Q12893	Transmembrane protein 115	TMEM115	54630000	INFINITE
O00592	Podocalyxin	PODXL	54522000	INFINITE
O15013	Rho guanine nucleotide exchange factor 10	ARHGEF10	54459000	INFINITE
Q8NFF5	FAD synthase;Molybdenum cofactor biosynthesis f	FLAD1	54128000	INFINITE
Q9H1E5	Thioredoxin-related transmembrane protein 4	TMX4	54102000	INFINITE
Q86W56	Poly(ADP-ribose) glycohydrolase	PARG	53950000	INFINITE
Q9H6L5	Protein FAM134B	FAM134B	53901000	INFINITE
Q68CQ4	Digestive organ expansion factor homolog	DIEXF	53886000	INFINITE
P41236;Q6	Protein phosphatase inhibitor 2;Protein phosphata	PPP1R2;PPP1R2P3	53745000	INFINITE
Q8WXA9	Splicing regulatory glutamine/lysine-rich protein 1	SREK1	53700000	INFINITE
Q5VT66	Mitochondrial amidoxime-reducing component 1		Mar-01 53383000	INFINITE
Q9Y5A7	NEDD8 ultimate buster 1	NUB1	53374000	INFINITE
Q9Y6A4	Cilia- and flagella-associated protein 20	CFAP20	53114000	INFINITE
Q9BV23	Monoacylglycerol lipase ABHD6	ABHD6	53070000	INFINITE
P34810	Macrosialin	CD68	52995000	INFINITE
Q9C037	E3 ubiquitin-protein ligase TRIM4	TRIM4	52847000	INFINITE
Q9NVZ3	Adaptin ear-binding coat-associated protein 2	NECAP2	52827000	INFINITE
Q86VX2	COMM domain-containing protein 7	COMMD7	52766000	INFINITE
Q8IV38	Ankyrin repeat and MYND domain-containing prot	ANKMY2	52674000	INFINITE
O14972	Down syndrome critical region protein 3	DSCR3	52596000	INFINITE
P16083	Ribosylidihydronicotinamide dehydrogenase [quinc	NQO2	52532000	INFINITE

O75935	Dynactin subunit 3	DCTN3	52512000	INFINITE
Q9Y343	Sorting nexin-24	SNX24	52480000	INFINITE
Q06546	GA-binding protein alpha chain	GABPA	52462000	INFINITE
O14646	Chromodomain-helicase-DNA-binding protein 1	CHD1	52325000	INFINITE
Q9UPN6	Protein SCAF8	SCAF8	52309000	INFINITE
P16333	Cytoplasmic protein NCK1	NCK1	52300000	INFINITE
Q8IV04	Carabin	TBC1D10C	52174000	INFINITE
Q9NWM8	Peptidyl-prolyl cis-trans isomerase FKBP14	FKBP14	52046000	INFINITE
P53667	LIM domain kinase 1	LIMK1	52027000	INFINITE
O43150	Arf-GAP with SH3 domain, ANK repeat and PH domain	ASAP2	52025000	INFINITE
Q9BR61	Acyl-CoA-binding domain-containing protein 6	ACBD6	51782000	INFINITE
Q9UNQ2	Probable dimethyladenosine transferase	DIMT1	51764000	INFINITE
Q6DKJ4	Nucleoredoxin	NXN	51620000	INFINITE
P78310	Coxsackievirus and adenovirus receptor	CXADR	51597000	INFINITE
P48506	Glutamate--cysteine ligase catalytic subunit	GCLC	51580000	INFINITE
Q9H7L9	Sin3 histone deacetylase corepressor complex component	SUDS3	51478000	INFINITE
Q12894	Interferon-related developmental regulator 2	IFRD2	51370000	INFINITE
Q9P2B2	Prostaglandin F2 receptor negative regulator	PTGFRN	51292000	INFINITE
P30038	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial	ALDH4A1	51166000	INFINITE
P09038	Fibroblast growth factor 2	FGF2	50649000	INFINITE
Q99956	Dual specificity protein phosphatase 9	DUSP9	50575000	INFINITE
O95674	Phosphatidate cytidyltransferase 2	CDS2	50566000	INFINITE
Q16625	Occludin	OCLN	50380000	INFINITE
Q9NXX6	Non-structural maintenance of chromosomes element	NSMCE4A	50267000	INFINITE
P62253	Ubiquitin-conjugating enzyme E2 G1;Ubiquitin-conjugating enzyme E2 G1	UBE2G1	50043000	INFINITE
Q9NVM4	Protein arginine N-methyltransferase 7	PRMT7	50018000	INFINITE
Q8WZA0	Protein LZIC	LZIC	50001000	INFINITE
P55058	Phospholipid transfer protein	PLTP	49940000	INFINITE
O43924	Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase	PDE6D	49927000	INFINITE
O95229	ZW10 interactor	ZWINT	49718000	INFINITE
Q5VWJ9	Sorting nexin-30	SNX30	49344000	INFINITE
O43772	Mitochondrial carnitine/acylcarnitine carrier protein	SLC25A20	49297000	INFINITE
Q5UCC4	ER membrane protein complex subunit 10	EMC10	49168000	INFINITE
Q13625	Apoptosis-stimulating of p53 protein 2	TP53BP2	49151000	INFINITE
Q9BRF8	Serine/threonine-protein phosphatase CPPED1	CPPED1	49058000	INFINITE
Q9BQP7	Mitochondrial genome maintenance exonuclease 1	MGME1	49020000	INFINITE
Q9Y4A5	Transformation/transcription domain-associated protein	TRRAP	48941000	INFINITE
P61626	Lysozyme C	LYZ	48843000	INFINITE
Q9ULQ0	Striatin-interacting protein 2	STRIP2	48829000	INFINITE
Q92858	Protein atonal homolog 1	ATOH1	48821000	INFINITE
Q9H3G5	Probable serine carboxypeptidase CPVL	CPVL	48695000	INFINITE
P62487	DNA-directed RNA polymerase II subunit RPB7	POLR2G	48618000	INFINITE
Q9BY67	Cell adhesion molecule 1	CADM1	48549000	INFINITE
Q9BZL1	Ubiquitin-like protein 5	UBL5	48503000	INFINITE
P03905	NADH-ubiquinone oxidoreductase chain 4	MT-ND4	48421000	INFINITE
P29084	Transcription initiation factor IIE subunit beta	GTF2E2	48173000	INFINITE
Q9HD34	LYR motif-containing protein 4	LYRM4	48074000	INFINITE
Q8N129	Protein canopy homolog 4	CNPY4	47837000	INFINITE
Q7L775	EPM2A-interacting protein 1	EPM2AIP1	47694000	INFINITE
Q8IUI8	Cytokine receptor-like factor 3	CRLF3	47650000	INFINITE

P15848	Arylsulfatase B	ARSB	47494000	INFINITE
Q8WUA4	General transcription factor 3C polypeptide 2	GTF3C2	47369000	INFINITE
O15254	Peroxisomal acyl-coenzyme A oxidase 3	ACOX3	47351000	INFINITE
Q96HN2	Putative adenosylhomocysteinase 3	AHCYL2	47281000	INFINITE
Q969X1	Protein lifeguard 3	TMBIM1	47230000	INFINITE
Q9UK76	Hematological and neurological expressed 1 protein	HN1	47214000	INFINITE
P48060	Glioma pathogenesis-related protein 1	GLIPR1	46926000	INFINITE
Q7L099	Protein RUFY3	RUFY3	46779000	INFINITE
P69849;Q5	Nodal modulator 3;Nodal modulator 2	NOMO3;NOMO2	46756000	INFINITE
Q9H0R4	Haloacid dehalogenase-like hydrolase domain-containing	HDHD2	46649000	INFINITE
Q66K14	TBC1 domain family member 9B	TBC1D9B	46638000	INFINITE
O95905	Protein SGT1	ECD	46634000	INFINITE
Q86UV5	Ubiquitin carboxyl-terminal hydrolase 48	USP48	46627000	INFINITE
Q16775	Hydroxyacylglutathione hydrolase, mitochondrial	HAGH	46565000	INFINITE
Q8WVK7	Spindle and kinetochore-associated protein 2	SKA2	46394000	INFINITE
Q96IY1	Kinetochore-associated protein NSL1 homolog	NSL1	46313000	INFINITE
Q8N3R9	MAGUK p55 subfamily member 5	MPP5	46139000	INFINITE
Q8IXQ4	GPALPP motifs-containing protein 1	GPALPP1	46135000	INFINITE
Q5TEJ8	Protein THEMIS2	THEMIS2	46093000	INFINITE
O60216;Q9	Double-strand-break repair protein rad21 homolog	RAD21;RAD21L1	46068000	INFINITE
P45984;P5	Mitogen-activated protein kinase 9;Mitogen-activated	MAPK9;MAPK10	45985000	INFINITE
Q9Y5L4	Mitochondrial import inner membrane translocase	TIMM13	45972000	INFINITE
Q6GQQ9	OTU domain-containing protein 7B	OTUD7B	45862000	INFINITE
Q92574	Hamartin	TSC1	45771000	INFINITE
Q96KX1	Uncharacterized protein C4orf36	C4orf36	45591000	INFINITE
Q55W96	Low density lipoprotein receptor adapter protein 1	LDLRAP1	45307000	INFINITE
Q92889	DNA repair endonuclease XPF	ERCC4	45247000	INFINITE
Q9BRT9	DNA replication complex GINS protein SLD5;DNA replication	GINS4	45223000	INFINITE
Q86W42	THO complex subunit 6 homolog	THOC6	45213000	INFINITE
Q7Z3T8	Zinc finger FYVE domain-containing protein 16	ZFYVE16	45169000	INFINITE
P62070	Ras-related protein R-Ras2	RRAS2	45122000	INFINITE
Q14790	Caspase-8;Caspase-8 subunit p18;Caspase-8 subunit	CASP8	45114000	INFINITE
Q9H3P2	Negative elongation factor A	NELFA	45088000	INFINITE
Q6IQ22	Ras-related protein Rab-12	RAB12	44629000	INFINITE
Q9UJ14	Gamma-glutamyltransferase 7;Gamma-glutamyltransferase	GGT7	44513000	INFINITE
Q14657	EKC/KEOPS complex subunit LAGE3	LAGE3	44325000	INFINITE
Q9NP61	ADP-ribosylation factor GTPase-activating protein 3	ARFGAP3	44324000	INFINITE
Q96BX8	MOB kinase activator 3A	MOB3A	44294000	INFINITE
Q6NSJ5	Volume-regulated anion channel subunit LRRC8E	LRRC8E	44286000	INFINITE
O60927	Protein phosphatase 1 regulatory subunit 11	PPP1R11	44264000	INFINITE
Q9BQE5	Apolipoprotein L2	APOL2	44205000	INFINITE
P52756	RNA-binding protein 5	RBM5	44161000	INFINITE
P86791;P8	Vacuolar fusion protein CCZ1 homolog;Vacuolar fusion	CCZ1;CCZ1B	44063000	INFINITE
Q03426	Mevalonate kinase	MVK	44046000	INFINITE
Q9NYT0	Pleckstrin-2	PLEK2	43978000	INFINITE
Q9BRQ6	MICOS complex subunit MIC25	CHCHD6	43969000	INFINITE
P13051	Uracil-DNA glycosylase	UNG	43913000	INFINITE
Q96EA4	Protein Spindly	SPDL1	43887000	INFINITE
P03915	NADH-ubiquinone oxidoreductase chain 5	MT-ND5	43796000	INFINITE
Q9Y624	Junctional adhesion molecule A	F11R	43574000	INFINITE

P62380	TATA box-binding protein-like protein 1	TBPL1	43568000	INFINITE
Q6ZVM7	TOM1-like protein 2	TOM1L2	43451000	INFINITE
Q96LD4	Tripartite motif-containing protein 47	TRIM47	43262000	INFINITE
Q92733	Proline-rich protein PRCC	PRCC	43243000	INFINITE
O60427	Fatty acid desaturase 1	FADS1	42920000	INFINITE
P23378	Glycine dehydrogenase (decarboxylating), mitochondria	GLDC	42658000	INFINITE
Q13309	S-phase kinase-associated protein 2	SKP2	42407000	INFINITE
O75832	26S proteasome non-ATPase regulatory subunit 1C	PSMD10	42355000	INFINITE
P11117	Lysosomal acid phosphatase	ACP2	42259000	INFINITE
Q8IYS2	Uncharacterized protein KIAA2013	KIAA2013	42247000	INFINITE
Q9NUL7	Probable ATP-dependent RNA helicase DDX28	DDX28	42235000	INFINITE
Q6Y1H2	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase	HACD2	42182000	INFINITE
P53365	Arfaptin-2	ARFIP2	42159000	INFINITE
Q9UDR5	Alpha-aminoadipic semialdehyde synthase, mitochondria	AASS	42129000	INFINITE
P28065	Proteasome subunit beta type-9	PSMB9	42074000	INFINITE
Q9UJ68	Mitochondrial peptide methionine sulfoxide reductase	MSRA	42039000	INFINITE
P32970	CD70 antigen	CD70	41845000	INFINITE
O60879	Protein diaphanous homolog 2	DIAPH2	41712000	INFINITE
Q9BUH6	Protein PAXX	C9orf142	41543000	INFINITE
Q96EH3	Mitochondrial assembly of ribosomal large subunit	MALSU1	41537000	INFINITE
Q8IWZ8	SURP and G-patch domain-containing protein 1	SUGP1	41455000	INFINITE
P54619	5-AMP-activated protein kinase subunit gamma-1	PRKAG1	41406000	INFINITE
Q9BV81	ER membrane protein complex subunit 6	EMC6	41302000	INFINITE
Q9NWT6	Hypoxia-inducible factor 1-alpha inhibitor	HIF1AN	41205000	INFINITE
O95749	Geranylgeranyl pyrophosphate synthase	GGPS1	41174000	INFINITE
O15031	Plexin-B2	PLXNB2	41041000	INFINITE
Q9POS3;Q5	ORM1-like protein 1;ORM1-like protein 2	ORMDL1;ORMDL2	40834000	INFINITE
Q2VPK5	Cytoplasmic tRNA 2-thiolation protein 2	CTU2	40787000	INFINITE
P20338	Ras-related protein Rab-4A	RAB4A	40706000	INFINITE
Q8WXF7	Atlantin-1	ATL1	40551000	INFINITE
Q03518	Antigen peptide transporter 1	TAP1	40446000	INFINITE
Q9H4L7	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily 1 member C	SMARCAD1	40438000	INFINITE
Q8NFC6	Biorientation of chromosomes in cell division protein 1	BOD1L1	40162000	INFINITE
Q96FV2	Secernin-2	SCRN2	40115000	INFINITE
Q8WZA9	Immunity-related GTPase family Q protein	IRGQ	39997000	INFINITE
O43516	WAS/WASL-interacting protein family member 1	WIPF1	39942000	INFINITE
Q96FV9	THO complex subunit 1	THOC1	39859000	INFINITE
A6NDU8	UPF0600 protein C5orf51	C5orf51	39834000	INFINITE
Q96BR5	Cytochrome c oxidase assembly factor 7	COA7	39820000	INFINITE
Q9UIW2;Q9	Plexin-A1;Plexin-A4	PLXNA1;PLXNA4	39693000	INFINITE
Q9H9Q4	Non-homologous end-joining factor 1	NHEJ1	39687000	INFINITE
Q8NE86	Calcium uniporter protein, mitochondrial	MCU	39685000	INFINITE
P07305	Histone H1.0;Histone H1.0, N-terminally processed	H1FO	39505000	INFINITE
Q9H410	Kinetochore-associated protein DSN1 homolog	DSN1	39458000	INFINITE
Q8ND04	Protein SMG8	SMG8	39405000	INFINITE
Q9H2D1	Mitochondrial folate transporter/carrier	SLC25A32	39400000	INFINITE
Q8NDI1	EH domain-binding protein 1	EHBP1	39274000	INFINITE
P05165	Propionyl-CoA carboxylase alpha chain, mitochondria	PCCA	39263000	INFINITE
O60825;Q1	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase	PFKFB2;PFKFB3	39228000	INFINITE
Q8WVX9	Fatty acyl-CoA reductase 1	FAR1	39210000	INFINITE

O95376	E3 ubiquitin-protein ligase ARIH2	ARIH2	39205000	INFINITE
Q9P291	Armadillo repeat-containing X-linked protein 1	ARMCX1	39077000	INFINITE
Q12802	A-kinase anchor protein 13	AKAP13	38896000	INFINITE
P78381	UDP-galactose translocator	SLC35A2	38800000	INFINITE
P53384	Cytosolic Fe-S cluster assembly factor NUBP1	NUBP1	38713000	INFINITE
Q96IZ0	PRKC apoptosis WT1 regulator protein	PAWR	38698000	INFINITE
Q13685	Angio-associated migratory cell protein	AAMP	38466000	INFINITE
Q6UXH1	Cysteine-rich with EGF-like domain protein 2	CRELD2	38354000	INFINITE
Q96CM8	Acyl-CoA synthetase family member 2, mitochondrial	ACSF2	38272000	INFINITE
Q6P1X5	Transcription initiation factor TFIID subunit 2	TAF2	38163000	INFINITE
Q8NC96	Adaptin ear-binding coat-associated protein 1	NECAP1	38160000	INFINITE
Q5TA45	Integrator complex subunit 11	CPSF3L	37931000	INFINITE
O14966	Ras-related protein Rab-7L1	RAB29	37867000	INFINITE
P43378	Tyrosine-protein phosphatase non-receptor type 9	PTPN9	37561000	INFINITE
Q9NPI6	mRNA-decapping enzyme 1A	DCP1A	37512000	INFINITE
Q8NEB9	Phosphatidylinositol 3-kinase catalytic subunit type 1	PIK3C3	37408000	INFINITE
Q9H0W9	Ester hydrolase C11orf54	C11orf54	37386000	INFINITE
Q9P0J7	E3 ubiquitin-protein ligase KCMF1	KCMF1	37312000	INFINITE
O94888	UBX domain-containing protein 7	UBXN7	37312000	INFINITE
Q96LR5;Q9	Ubiquitin-conjugating enzyme E2 E2;Ubiquitin-conjugating enzyme E2 E3	UBE2E2;UBE2E3	37206000	INFINITE
P30049	ATP synthase subunit delta, mitochondrial	ATP5D	37186000	INFINITE
Q86YV9	Hermansky-Pudlak syndrome 6 protein	HPS6	37139000	INFINITE
Q01484	Ankyrin-2	ANK2	37130000	INFINITE
Q9UI14	Prenylated Rab acceptor protein 1	RABAC1	36894000	INFINITE
Q5VT25	Serine/threonine-protein kinase MRCK alpha	CDC42BPA	36846000	INFINITE
Q9Y296	Trafficking protein particle complex subunit 4	TRAPPC4	36834000	INFINITE
Q02153	Guanylate cyclase soluble subunit beta-1	GUCY1B3	36776000	INFINITE
O15164	Transcription intermediary factor 1-alpha	TRIM24	36655000	INFINITE
Q9GZU8	Protein FAM192A	FAM192A	36473000	INFINITE
P42574	Caspase-3;Caspase-3 subunit p17;Caspase-3 subunit p12	CASP3	36372000	INFINITE
O15321	Transmembrane 9 superfamily member 1	TM9SF1	36347000	INFINITE
Q9HA65	TBC1 domain family member 17	TBC1D17	36257000	INFINITE
Q9H4G4	Golgi-associated plant pathogenesis-related protein 2	GLIPR2	36251000	INFINITE
Q96P63	Serpin B12	SERPINB12	36220000	INFINITE
O95825	Quinone oxidoreductase-like protein 1	CRYZL1	36105000	INFINITE
Q6UVJ0	Spindle assembly abnormal protein 6 homolog	SASS6	36102000	INFINITE
Q9BT22	Chitobiosyldiphosphodolichol beta-mannosyltransferase 1	ALG1	36054000	INFINITE
Q96GG9	DCN1-like protein 1	DCUN1D1	36040000	INFINITE
Q96BP2	Coiled-coil-helix-coiled-coil-helix domain-containing protein 1	CHCHD1	36036000	INFINITE
Q9H6X2;P5	Anthrax toxin receptor 1;Anthrax toxin receptor 2	ANTXR1;ANTXR2	35986000	INFINITE
P52943	Cysteine-rich protein 2	CRIP2	35936000	INFINITE
P29372	DNA-3-methyladenine glycosylase	MPG	35780000	INFINITE
Q13153	Serine/threonine-protein kinase PAK 1	PAK1	35732000	INFINITE
O14531	Dihydropyrimidinase-related protein 4	DPYSL4	35636000	INFINITE
Q96MX6	WD repeat-containing protein 92	WDR92	35618000	INFINITE
Q8WWH5	Probable tRNA pseudouridine synthase 1	TRUB1	35513000	INFINITE
Q9NVP2	Histone chaperone ASF1B	ASF1B	35410000	INFINITE
Q02539	Histone H1.1	HIST1H1A	35321000	INFINITE
P50452	Serpin B8	SERPINB8	35300000	INFINITE
Q9H6E4	Coiled-coil domain-containing protein 134	CCDC134	35209000	INFINITE

Q5ZPR3	CD276 antigen	CD276	35190000	INFINITE
Q6NUQ1	RAD50-interacting protein 1	RINT1	35156000	INFINITE
P22681	E3 ubiquitin-protein ligase CBL	CBL	35086000	INFINITE
Q9NVS2	28S ribosomal protein S18a, mitochondrial	MRPS18A	35077000	INFINITE
P07992	DNA excision repair protein ERCC-1	ERCC1	34942000	INFINITE
P10398	Serine/threonine-protein kinase A-Raf	ARAF	34917000	INFINITE
Q9NWS8	Required for meiotic nuclear division protein 1 hor	RMND1	34908000	INFINITE
Q15118	[Pyruvate dehydrogenase (acetyl-transferring)] kin	PDK1	34824000	INFINITE
Q969S0	UDP-xylose and UDP-N-acetylglucosamine transpo	SLC35B4	34793000	INFINITE
Q09472	Histone acetyltransferase p300	EP300	34741000	INFINITE
Q8NEC7	Glutathione S-transferase C-terminal domain-cont	GSTCD	34723000	INFINITE
Q15418	Ribosomal protein S6 kinase alpha-1	RPS6KA1	34720000	INFINITE
Q96SK2	Transmembrane protein 209	TMEM209	34712000	INFINITE
P34059	N-acetylgalactosamine-6-sulfatase	GALNS	34704000	INFINITE
P17568	NADH dehydrogenase [ubiquinone] 1 beta subcorr	NDUFB7	34698000	INFINITE
A2NJV5;A0	Ig kappa chain V-II region RPMI 6410;Ig kappa chai	IGKV A18;IGKV2D-	34477000	INFINITE
Q969E8	Pre-rRNA-processing protein TSR2 homolog	TSR2	34446000	INFINITE
Q6IBW4	Condensin-2 complex subunit H2	NCAPH2	34425000	INFINITE
Q9HAD4	WD repeat-containing protein 41	WDR41	34310000	INFINITE
P23443	Ribosomal protein S6 kinase beta-1	RPS6KB1	34270000	INFINITE
Q9Y639	Neuroplastin	NPTN	34256000	INFINITE
O00422	Histone deacetylase complex subunit SAP18	SAP18	34252000	INFINITE
P49917	DNA ligase 4	LIG4	34200000	INFINITE
Q9BXB7	Spermatogenesis-associated protein 16	SPATA16	34180000	INFINITE
O14734	Acyl-coenzyme A thioesterase 8	ACOT8	34099000	INFINITE
Q9Y618	Nuclear receptor corepressor 2	NCOR2	34093000	INFINITE
Q15048	Leucine-rich repeat-containing protein 14	LRRC14	34056000	INFINITE
Q7Z4S6	Kinesin-like protein KIF21A	KIF21A	33975000	INFINITE
P39210	Protein Mpv17	MPV17	33863000	INFINITE
Q96K21	Abscission/NoCut checkpoint regulator	ZFYVE19	33821000	INFINITE
P18846;P1	Cyclic AMP-dependent transcription factor ATF-1;(	ATF1;CREB1	33776000	INFINITE
Q03154	Aminoacylase-1	ACY1	33722000	INFINITE
Q4ZIN3	Membralin	TMEM259	33569000	INFINITE
Q9UP95	Solute carrier family 12 member 4	SLC12A4	33545000	INFINITE
P56559	ADP-ribosylation factor-like protein 4C	ARL4C	33503000	INFINITE
Q9UL62;Q5	Short transient receptor potential channel 5;Short	TRPC5;TRPC4	33427000	INFINITE
P53794	Sodium/myo-inositol cotransporter	SLC5A3	33418000	INFINITE
Q9Y6J9	TAF6-like RNA polymerase II p300/CBP-associated	TAF6L	33330000	INFINITE
Q969S9	Ribosome-releasing factor 2, mitochondrial	GFM2	33258000	INFINITE
Q9H583	HEAT repeat-containing protein 1;HEAT repeat-cor	HEATR1	33210000	INFINITE
P63096	Guanine nucleotide-binding protein G(i) subunit al	GNAI1	33107000	INFINITE
P61024	Cyclin-dependent kinases regulatory subunit 1	CKS1B	32887000	INFINITE
Q9UPY8	Microtubule-associated protein RP/EB family mem	MAPRE3	32840000	INFINITE
Q9H497	Torsin-3A	TOR3A	32782000	INFINITE
Q8IZ21	Phosphatase and actin regulator 4	PHACTR4	32759000	INFINITE
Q8TCY9	Up-regulator of cell proliferation	URGCP	32753000	INFINITE
Q8IY95	Transmembrane protein 192	TMEM192	32737000	INFINITE
Q9NTG7	NAD-dependent protein deacetylase sirtuin-3, mit	SIRT3	32698000	INFINITE
Q9UHR6	Zinc finger HIT domain-containing protein 2	ZNHIT2	32623000	INFINITE
Q8NAV1	Pre-mRNA-splicing factor 38A	PRPF38A	32590000	INFINITE

O94885	SAM and SH3 domain-containing protein 1	SASH1	32582000	INFINITE
Q8WV10	Small integral membrane protein 4	SMIM4	32575000	INFINITE
Q9NU23	LYR motif-containing protein 2	LYRM2	32452000	INFINITE
P29400	Collagen alpha-5(IV) chain	COL4A5	32451000	INFINITE
Q8N3X1	Formin-binding protein 4	FNBP4	32428000	INFINITE
Q9BSB4	Autophagy-related protein 101	ATG101	32350000	INFINITE
Q9NQP4	Prefoldin subunit 4	PFDN4	32317000	INFINITE
Q9UMS0	NFU1 iron-sulfur cluster scaffold homolog, mitochondria	NFU1	32240000	INFINITE
P10636	Microtubule-associated protein tau	MAPT	32172000	INFINITE
Q8NCE2	Myotubularin-related protein 14	MTMR14	32156000	INFINITE
Q9NUB1	Acetyl-coenzyme A synthetase 2-like, mitochondrial	ACSS1	32110000	INFINITE
Q08AD1	Calmodulin-regulated spectrin-associated protein 1	CAMSAP2	31852000	INFINITE
P30047	GTP cyclohydrolase 1 feedback regulatory protein	GCHFR	31828000	INFINITE
Q8NEM2	SHC SH2 domain-binding protein 1	SHCBP1	31812000	INFINITE
Q9BVL2	Nucleoporin p58/p45	NUPL1	31647000	INFINITE
Q9NVA4	Transmembrane protein 184C	TMEM184C	31626000	INFINITE
Q8TD30	Alanine aminotransferase 2	GPT2	31578000	INFINITE
Q8N201	Integrator complex subunit 1	INTS1	31577000	INFINITE
O43765	Small glutamine-rich tetratricopeptide repeat-containing protein 1	SGTA	31555000	INFINITE
Q9NNW7	Thioredoxin reductase 2, mitochondrial	TXNRD2	31535000	INFINITE
P05109	Protein S100-A8;Protein S100-A8, N-terminally processed	S100A8	31400000	INFINITE
Q9H2P0	Activity-dependent neuroprotector homeobox protein 1	ADNP	31395000	INFINITE
Q96DZ1	Endoplasmic reticulum lectin 1	ERLEC1	31391000	INFINITE
Q9H944	Mediator of RNA polymerase II transcription subunit 20	MED20	31364000	INFINITE
P49914	5-formyltetrahydrofolate cyclo-ligase	MTHFS	31355000	INFINITE
Q8WX93	Palladin	PALLD	31286000	INFINITE
Q86X10	Ral GTPase-activating protein subunit beta	RALGAPB	31286000	INFINITE
Q92604	Acyl-CoA:lysophosphatidylglycerol acyltransferase	LPGAT1	31273000	INFINITE
O75191	Xylulose kinase	XYLB	31271000	INFINITE
Q93050	V-type proton ATPase 116 kDa subunit a isoform 1	ATP6VOA1	31236000	INFINITE
Q9NXJ5	Pyroglutamyl-peptidase 1	PGPEP1	31136000	INFINITE
Q6ZS17	Protein FAM65A	FAM65A	31118000	INFINITE
Q92536	Y+L amino acid transporter 2	SLC7A6	31068000	INFINITE
Q8WVD3	E3 ubiquitin-protein ligase RNF138	RNF138	30892000	INFINITE
Q5T9L3	Protein wntless homolog	WLS	30745000	INFINITE
P42357	Histidine ammonia-lyase	HAL	30742000	INFINITE
Q9Y6K0	Choline/ethanolaminephosphotransferase 1	CEPT1	30635000	INFINITE
P62837	Ubiquitin-conjugating enzyme E2 D2	UBE2D2	30633000	INFINITE
Q96EL3	39S ribosomal protein L53, mitochondrial	MRPL53	30593000	INFINITE
Q9UQR0	Sex comb on midleg-like protein 2	SCML2	30559000	INFINITE
Q9NXA8	NAD-dependent protein deacetylase sirtuin-5, mitochondrial	SIRT5	30455000	INFINITE
O15439	Multidrug resistance-associated protein 4	ABCC4	30433000	INFINITE
Q9Y303	Putative N-acetylglucosamine-6-phosphate deacetylase	AMDHD2	30298000	INFINITE
Q13137	Calcium-binding and coiled-coil domain-containing protein 2	CALCOCO2	30283000	INFINITE
Q96PC5;Q96CN9	Melanoma inhibitory activity protein 2;cTAGE family member 1	MIA2;CTAGE1	30282000	INFINITE
Q96CN9	GRIP and coiled-coil domain-containing protein 1	GCC1	30192000	INFINITE
P31327	Carbamoyl-phosphate synthase [ammonia], mitochondrial	CPS1	30050000	INFINITE
Q9UHB7	AF4/FMR2 family member 4	AFF4	29889000	INFINITE
P52895	Aldo-keto reductase family 1 member C2	AKR1C2	29867000	INFINITE
Q16854	Deoxyguanosine kinase, mitochondrial	DGUOK	29827000	INFINITE



Q12873	Chromodomain-helicase-DNA-binding protein 3	CHD3	29809000	INFINITE
Q8TAP6	Centrosomal protein of 76 kDa	CEP76	29737000	INFINITE
Q5R3I4	Tetratricopeptide repeat protein 38	TTC38	29638000	INFINITE
O43657	Tetraspanin-6	TSPAN6	29590000	INFINITE
Q8WUK0	Phosphatidylglycerophosphatase and protein-tyrosine phosphatase 1	PTPMT1	29538000	INFINITE
Q6ZXV5	Transmembrane and TPR repeat-containing protein 3	TMTC3	29446000	INFINITE
Q86X83	COMM domain-containing protein 2	COMMD2	29369000	INFINITE
O95786	Probable ATP-dependent RNA helicase DDX58	DDX58	29365000	INFINITE
P41223	Protein BUD31 homolog	BUD31	29354000	INFINITE
Q6ZMZ3	Nesprin-3	SYNE3	29347000	INFINITE
Q6ZSZ5	Rho guanine nucleotide exchange factor 18	ARHGEF18	29240000	INFINITE
Q9H4I3	TraB domain-containing protein	TRABD	29063000	INFINITE
Q15750	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1	TAB1	29053000	INFINITE
Q32P44	Echinoderm microtubule-associated protein-like 3	EML3	29011000	INFINITE
Q7Z6K3	Protein prenyltransferase alpha subunit repeat-containing protein 1	PTAR1	28885000	INFINITE
O60563	Cyclin-T1	CCNT1	28868000	INFINITE
O60282	Kinesin heavy chain isoform 5C	KIF5C	28848000	INFINITE
Q9NXC5	WD repeat-containing protein 10	MIOS	28767000	INFINITE
Q9H0H0	Integrator complex subunit 2	INTS2	28707000	INFINITE
Q6PL24	Protein TMED8	TMED8	28510000	INFINITE
Q5BJH7	Protein YIF1B	YIF1B	28477000	INFINITE
Q9H4Z3	Phosphorylated CTD-interacting factor 1	PCIF1	28401000	INFINITE
Q13107	Ubiquitin carboxyl-terminal hydrolase 4	USP4	28392000	INFINITE
P48740	Mannan-binding lectin serine protease 1;Mannan-binding protein 2	MASP1	28336000	INFINITE
P08253	72 kDa type IV collagenase;PEX	MMP2	28316000	INFINITE
Q9UDX5	Mitochondrial fission process protein 1	MTFP1	28250000	INFINITE
Q14249	Endonuclease G, mitochondrial	ENDOG	28170000	INFINITE
Q9NPF5	DNA methyltransferase 1-associated protein 1	DMAP1	28150000	INFINITE
O43808	Peroxisomal membrane protein PMP34	SLC25A17	28149000	INFINITE
Q86XI2	Condensin-2 complex subunit G2	NCAPG2	28000000	INFINITE
P00156	Cytochrome b	MT-CYB	27813000	INFINITE
A0A024RBC1	Diphosphoinositol polyphosphate phosphohydrolase 4	NUDT4;NUDT11;NUDT12	27810000	INFINITE
Q13795	ADP-ribosylation factor-related protein 1	ARFRP1	27722000	INFINITE
Q9Y680	Peptidyl-prolyl cis-trans isomerase FKBP7	FKBP7	27608000	INFINITE
Q9Y3S2	Zinc finger protein 330	ZNF330	27513000	INFINITE
Q96C24	Synaptotagmin-like protein 4	SYTL4	27408000	INFINITE
Q16623	Syntaxin-1A	STX1A	27394000	INFINITE
P10109	Adrenodoxin, mitochondrial	FDX1	27391000	INFINITE
P63027	Vesicle-associated membrane protein 2	VAMP2	27282000	INFINITE
Q9BRS8	La-related protein 6	LARP6	27247000	INFINITE
Q9UKU7	Isobutyryl-CoA dehydrogenase, mitochondrial	ACAD8	27050000	INFINITE
O60462	Neuropilin-2	NRP2	27033000	INFINITE
Q13287	N-myc-interactor	NMI	26981000	INFINITE
P49674;P49675	Casein kinase I isoform epsilon;Casein kinase I isoform delta	CSNK1E;CSNK1D	26905000	INFINITE
O43597	Protein sprouty homolog 2	SPRY2	26893000	INFINITE
P17050	Alpha-N-acetylgalactosaminidase	NAGA	26885000	INFINITE
O60504	Vinexin	SORBS3	26875000	INFINITE
Q8NBN7	Retinol dehydrogenase 13	RDH13	26752000	INFINITE
Q5JUR7	Testis-expressed sequence 30 protein	TEX30	26725000	INFINITE
Q8NCL4	Polypeptide N-acetylgalactosaminyltransferase 6	GALNT6	26675000	INFINITE

Q86TN4	tRNA 2-phosphotransferase 1	TRPT1	26645000	INFINITE
Q16527	Cysteine and glycine-rich protein 2	CSRP2	26637000	INFINITE
Q53S08;Q9	Ras-related protein Rab-6C	RAB6C	26535000	INFINITE
Q06190	Serine/threonine-protein phosphatase 2A regulatc	PPP2R3A	26522000	INFINITE
Q96GW9	Methionine--tRNA ligase, mitochondrial	MARS2	26457000	INFINITE
Q8N490	Probable hydrolase PNKD	PNKD	26447000	INFINITE
Q9HB66		MKKS	26298000	INFINITE
P61266	Syntaxin-1B	STX1B	26245000	INFINITE
Q86YR5	G-protein-signaling modulator 1	GPSM1	26162000	INFINITE
Q9C0E2	Exportin-4	XPO4	26136000	INFINITE
Q9BQ69	O-acetyl-ADP-ribose deacetylase MACROD1	MACROD1	26108000	INFINITE
Q5TDH0	Protein DDI1 homolog 2	DDI2	26001000	INFINITE
Q5U5X0	Complex III assembly factor LYRM7	LYRM7	25981000	INFINITE
P42695	Condensin-2 complex subunit D3	NCAPD3	25944000	INFINITE
Q9UL03	Integrator complex subunit 6	INTS6	25934000	INFINITE
O14672	Disintegrin and metalloproteinase domain-contain	ADAM10	25865000	INFINITE
P55789	FAD-linked sulfhydryl oxidase ALR	GFER	25842000	INFINITE
O95758	Polypyrimidine tract-binding protein 3	PTBP3	25759000	INFINITE
Q5T0D9	Tumor protein p63-regulated gene 1-like protein	TPRG1L	25756000	INFINITE
O00754	Lysosomal alpha-mannosidase;Lysosomal alpha-m	MAN2B1	25628000	INFINITE
P08922	Proto-oncogene tyrosine-protein kinase ROS	ROS1	25567000	INFINITE
P31323	cAMP-dependent protein kinase type II-beta regul	PRKAR2B	25567000	INFINITE
Q9NSY1	BMP-2-inducible protein kinase	BMP2K	25489000	INFINITE
Q9NWB6	Arginine and glutamate-rich protein 1	ARGLU1	25454000	INFINITE
O95834	Echinoderm microtubule-associated protein-like 2	EML2	25433000	INFINITE
Q9H7B4	Histone-lysine N-methyltransferase SMYD3	SMYD3	25323000	INFINITE
Q9BUE6	Iron-sulfur cluster assembly 1 homolog, mitochonc	ISCA1	25320000	INFINITE
Q99504	Eyes absent homolog 3	EYA3	25258000	INFINITE
Q96QU8	Exportin-6	XPO6	25244000	INFINITE
P49711;Q8	Transcriptional repressor CTCF;Transcriptional repi	CTCF;CTCFL	25108000	INFINITE
P53611	Geranylgeranyl transferase type-2 subunit beta	RABGGTB	25101000	INFINITE
Q96AA3	Protein RFT1 homolog	RFT1	25089000	INFINITE
P43007	Neutral amino acid transporter A	SLC1A4	25076000	INFINITE
O95295	SNARE-associated protein Snapin	SNAPIN	25024000	INFINITE
Q96F63	Coiled-coil domain-containing protein 97	CCDC97	25004000	INFINITE
Q8IX18	Probable ATP-dependent RNA helicase DHX40	DHX40	24940000	INFINITE
Q9Y605	MORF4 family-associated protein 1	MRFAP1	24831000	INFINITE
Q96LB3	Intraflagellar transport protein 74 homolog	IFT74	24819000	INFINITE
Q96T60	Bifunctional polynucleotide phosphatase/kinase;Pc	PNKP	24690000	INFINITE
Q58FG1	Putative heat shock protein HSP 90-alpha A4	HSP90AA4P	24588000	INFINITE
Q8IX11	Mitochondrial Rho GTPase 2	RHOT2	24556000	INFINITE
Q13286	Battenin	CLN3	24456000	INFINITE
Q9NUD5	Zinc finger CCHC domain-containing protein 3	ZCCHC3	24411000	INFINITE
O43426	Synaptojanin-1	SYNJ1	24352000	INFINITE
Q99808	Equilibrative nucleoside transporter 1	SLC29A1	24349000	INFINITE
O14757	Serine/threonine-protein kinase Chk1	CHEK1	24254000	INFINITE
P01116	GTPase KRas;GTPase KRas, N-terminally processed	KRAS	24201000	INFINITE
Q9ULU8;Q8	Calcium-dependent secretion activator 1;Calcium-(	CADPS;CADPS2	24137000	INFINITE
Q13901	Nuclear nucleic acid-binding protein C1D	C1D	24134000	INFINITE
Q05707	Collagen alpha-1(XIV) chain	COL14A1	24036000	INFINITE

Q7L8L6	FAST kinase domain-containing protein 5	FASTKD5	24032000	INFINITE
Q8IXI2	Mitochondrial Rho GTPase 1	RHOT1	24029000	INFINITE
P55061	Bax inhibitor 1	TMBIM6	24009000	INFINITE
Q9BZA8;Q5	Protocadherin-11 Y-linked;Protocadherin-11 X-link	PCDH11Y;PCDH11X	23962000	INFINITE
Q9H8Y5	Ankyrin repeat and zinc finger domain-containing protein 1	ANKZF1	23955000	INFINITE
Q9BZG8	Diphthamide biosynthesis protein 1	DPH1	23951000	INFINITE
Q8IVH8	Mitogen-activated protein kinase kinase kinase kinase 3	MAP4K3	23744000	INFINITE
Q8IWJ2	GRIP and coiled-coil domain-containing protein 2	GCC2	23700000	INFINITE
P25098;P3	Beta-adrenergic receptor kinase 1;Beta-adrenergic receptor kinase 2	ADRBK1;ADRBK2	23476000	INFINITE
Q15517	Corneodesmosin	CDSN	23470000	INFINITE
Q96KQ7	Histone-lysine N-methyltransferase EHMT2	EHMT2	23374000	INFINITE
Q92805	Golgin subfamily A member 1	GOLGA1	23354000	INFINITE
Q96JH7	Deubiquitinating protein VCIP135	VCPIP1	23332000	INFINITE
P53602	Diphosphomevalonate decarboxylase	MVD	23201000	INFINITE
O60870	DNA/RNA-binding protein KIN17	KIN	23110000	INFINITE
Q6IQ49	Protein SDE2 homolog	SDE2	23094000	INFINITE
Q9NWZ5	Uridine-cytidine kinase-like 1	UCKL1	23048000	INFINITE
Q9Y4U1	Methylmalonic aciduria and homocystinuria type C	MMACHC	22987000	INFINITE
Q8NFG4	Folliculin	FLCN	22955000	INFINITE
Q9HC21	Mitochondrial thiamine pyrophosphate carrier	SLC25A19	22952000	INFINITE
Q9H4L4	Sentrin-specific protease 3	SEN3	22923000	INFINITE
Q9BQB6	Vitamin K epoxide reductase complex subunit 1	VKORC1	22912000	INFINITE
POC7V9;A6	Putative methyltransferase-like protein 15P1;Proboscis	METTL15P1;METTL15	22758000	INFINITE
Q9BU61	NADH dehydrogenase [ubiquinone] 1 alpha subunit	NDUFA3	22678000	INFINITE
Q9Y2H0	Disks large-associated protein 4	DLGAP4	22633000	INFINITE
Q8IXJ6	NAD-dependent protein deacetylase sirtuin-2	SIRT2	22605000	INFINITE
P18074	TFIIH basal transcription factor complex helicase X	ERCC2	22583000	INFINITE
Q9BYX2	TBC1 domain family member 2A	TBC1D2	22537000	INFINITE
Q9BQG2	Peroxisomal NADH pyrophosphatase	NUDT12	22393000	INFINITE
Q96EF6	F-box only protein 17	FBXO17	22392000	INFINITE
Q9BVL4	Selenoprotein O	SELO	22340000	INFINITE
Q15527	Surfeit locus protein 2	SURF2	22329000	INFINITE
Q9UGN5	Poly [ADP-ribose] polymerase 2	PARP2	22293000	INFINITE
O14657	Torsin-1B	TOR1B	22186000	INFINITE
Q7Z6K5	Arpin	ARPIN	22178000	INFINITE
P55212	Caspase-6;Caspase-6 subunit p18;Caspase-6 subunit	CASP6	22152000	INFINITE
C9JLW8	Protein FAM195B	FAM195B	22111000	INFINITE
O15047	Histone-lysine N-methyltransferase SETD1A	SETD1A	22052000	INFINITE
Q96RT1	Protein LAP2	ERBB2IP	21973000	INFINITE
O95363	Phenylalanine--tRNA ligase, mitochondrial	FARS2	21823000	INFINITE
Q8IZA0	Dyslexia-associated protein KIAA0319-like protein	KIAA0319L	21793000	INFINITE
P57764	Gasdermin-D	GSDMD	21789000	INFINITE
Q4U2R6	39S ribosomal protein L51, mitochondrial	MRPL51	21771000	INFINITE
P31641	Sodium- and chloride-dependent taurine transporter	SLC6A6	21759000	INFINITE
A6NIH7	Protein unc-119 homolog B	UNC119B	21685000	INFINITE
Q9NZJ6	Ubiquinone biosynthesis O-methyltransferase, mitochondrial	COQ3	21614000	INFINITE
P52429	Dialcylglycerol kinase epsilon	DGKE	21520000	INFINITE
Q15120	[Pyruvate dehydrogenase (acetyl-transferring)] kinase	PK3	21518000	INFINITE
Q9UER7	Death domain-associated protein 6	DAXX	21456000	INFINITE
Q9NVV4	Poly(A) RNA polymerase, mitochondrial	MTPAP	21409000	INFINITE

Q9H5J0	Zinc finger and BTB domain-containing protein 3	ZBTB3	21359000	INFINITE
Q9UPW5	Cytosolic carboxypeptidase 1	AGTPBP1	21235000	INFINITE
O75688	Protein phosphatase 1B	PPM1B	21220000	INFINITE
Q16773	Kynurenine--oxoglutarate transaminase 1	CCBL1	21139000	INFINITE
Q96HV5	Transmembrane protein 41A	TMEM41A	21068000	INFINITE
Q96LJ7	Dehydrogenase/reductase SDR family member 1	DHRS1	21030000	INFINITE
Q92508	Piezo-type mechanosensitive ion channel component 1	PIEZO1	20938000	INFINITE
Q8N5C7	DTW domain-containing protein 1	DTWD1	20897000	INFINITE
Q9NZQ3	NCK-interacting protein with SH3 domain	NCKIPSD	20872000	INFINITE
P21953	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial	BCKDHB	20868000	INFINITE
Q14409;P3	Putative glycerol kinase 3;Glycerol kinase	GK3P;GK	20838000	INFINITE
P49454	Centromere protein F	CENPF	20836000	INFINITE
Q96C00	Zinc finger and BTB domain-containing protein 9	ZBTB9	20816000	INFINITE
Q96JG6	Coiled-coil domain-containing protein 132	CCDC132	20788000	INFINITE
Q96AJ9	Vesicle transport through interaction with t-SNARE protein 11A	VTG11A	20696000	INFINITE
Q9H7S9;Q9	Zinc finger protein 703;Zinc finger protein 503	ZNF703;ZNF503	20520000	INFINITE
Q9UPM8	AP-4 complex subunit epsilon-1	AP4E1	20411000	INFINITE
Q6P4I2	WD repeat-containing protein 73	WDR73	20405000	INFINITE
O75143	Autophagy-related protein 13	ATG13	20393000	INFINITE
Q7L1V2	Vacuolar fusion protein MON1 homolog B	MON1B	20364000	INFINITE
Q9P2X0	Dolichol-phosphate mannosyltransferase subunit epsilon-3	DPM3	20337000	INFINITE
O14524	Transmembrane protein 194A	TMEM194A	20297000	INFINITE
Q6PI78	Transmembrane protein 65	TMEM65	20266000	INFINITE
P42771;P4	Cyclin-dependent kinase inhibitor 2A;Cyclin-dependent kinase 2B	CDKN2A;CDKN2B	20219000	INFINITE
Q9Y5W7	Sorting nexin-14	SNX14	20063000	INFINITE
Q96DT6	Cysteine protease ATG4C	ATG4C	19965000	INFINITE
Q9BTY2	Plasma alpha-L-fucosidase	FUCA2	19862000	INFINITE
Q08357	Sodium-dependent phosphate transporter 2	SLC20A2	19743000	INFINITE
P19532	Transcription factor E3	TFE3	19645000	INFINITE
P15735	Phosphorylase b kinase gamma catalytic chain, liver	PHKG2	19615000	INFINITE
Q14562	ATP-dependent RNA helicase DHX8	DHX8	19554000	INFINITE
O75155	Cullin-associated NEDD8-dissociated protein 2	CAND2	19554000	INFINITE
Q9BT67	NEDD4 family-interacting protein 1	NDFIP1	19553000	INFINITE
Q86WC4	Osteopetrosis-associated transmembrane protein 1	OSTM1	19540000	INFINITE
Q9Y5B8	Nucleoside diphosphate kinase 7	NME7	19523000	INFINITE
O75179	Ankyrin repeat domain-containing protein 17	ANKRD17	19490000	INFINITE
O60921	Checkpoint protein HUS1	HUS1	19455000	INFINITE
Q8NB49	Phospholipid-transporting ATPase 11C	ATP11C	19453000	INFINITE
Q15051	IQ calmodulin-binding motif-containing protein 1	IQCB1	19437000	INFINITE
Q68D91	Metallo-beta-lactamase domain-containing protein 2	MBLAC2	19378000	INFINITE
Q9NUM4	Transmembrane protein 106B	TMEM106B	19328000	INFINITE
P38435	Vitamin K-dependent gamma-carboxylase	GGCX	19326000	INFINITE
Q8NEW0	Zinc transporter 7	SLC30A7	19224000	INFINITE
O60333	Kinesin-like protein KIF1B	KIF1B	18993000	INFINITE
Q9BX68	Histidine triad nucleotide-binding protein 2, mitochondrial	HINT2	18980000	INFINITE
Q6NXR4	TELO2-interacting protein 2	TTI2	18977000	INFINITE
O15554	Intermediate conductance calcium-activated potassium channel subunit alpha	KCNN4	18967000	INFINITE
Q92625	Ankyrin repeat and SAM domain-containing protein 1A	ANKS1A	18893000	INFINITE
Q7L7X3	Serine/threonine-protein kinase TAO1	TAOK1	18890000	INFINITE
P00813	Adenosine deaminase	ADA	18817000	INFINITE

Q92997	Segment polarity protein dishevelled homolog DVL DVL3		18794000	INFINITE
O14893	Gem-associated protein 2	GEMIN2	18769000	INFINITE
P22670	MHC class II regulatory factor RFX1	RFX1	18707000	INFINITE
Q9ULK4	Mediator of RNA polymerase II transcription subunit MED23		18557000	INFINITE
Q15057	Arf-GAP with coiled-coil, ANK repeat and PH domain ACAP2		18536000	INFINITE
Q9ULH1	Arf-GAP with SH3 domain, ANK repeat and PH domain ASAP1		18484000	INFINITE
P15151	Poliovirus receptor	PVR	18419000	INFINITE
Q9UPY3	Endoribonuclease Dicer	DICER1	18377000	INFINITE
Q96C23	Aldose 1-epimerase	GALM	18355000	INFINITE
Q9BQ04	RNA-binding protein 4B	RBM4B	18306000	INFINITE
Q86UK7	Zinc finger protein 598	ZNF598	18102000	INFINITE
Q9UHR4	Brain-specific angiogenesis inhibitor 1-associated protein 2	BAIAP2L1	17973000	INFINITE
Q9BWD3;C	Protein FAM127B;Protein FAM127C	FAM127B;FAM127C	17924000	INFINITE
Q9H1Z4	WD repeat-containing protein 13	WDR13	17880000	INFINITE
Q9UNH6	Sorting nexin-7	SNX7	17874000	INFINITE
P55081	Microfibrillar-associated protein 1	MFAP1	17872000	INFINITE
P20248	Cyclin-A2	CCNA2	17773000	INFINITE
Q6UUV9	CREB-regulated transcription coactivator 1	CRTC1	17770000	INFINITE
Q96EU7	C1GALT1-specific chaperone 1	C1GALT1C1	17674000	INFINITE
Q8TBE7	Solute carrier family 35 member G2	SLC35G2	17649000	INFINITE
Q9NZ63	Uncharacterized protein C9orf78	C9orf78	17634000	INFINITE
Q99081	Transcription factor 12	TCF12	17625000	INFINITE
Q9Y3B6	ER membrane protein complex subunit 9	EMC9	17560000	INFINITE
Q5F1R6	DnaJ homolog subfamily C member 21	DNAJC21	17546000	INFINITE
Q9BRG1	Vacuolar protein-sorting-associated protein 25	VPS25	17524000	INFINITE
Q9UKV5	E3 ubiquitin-protein ligase AMFR	AMFR	17492000	INFINITE
Q99704	Docking protein 1	DOK1	17350000	INFINITE
Q8WVF1	Protein OSCP1	OSCP1	17224000	INFINITE
Q9UHA3	Probable ribosome biogenesis protein RLP24	RSL24D1	17219000	INFINITE
Q9Y3D0	Mitotic spindle-associated MMXD complex subunit 1	FAM96B	17157000	INFINITE
Q9UMZ2	Synergin gamma	SYNRG	17118000	INFINITE
Q9HAF1	Chromatin modification-related protein MEAF6	MEAF6	17106000	INFINITE
Q96K19	E3 ubiquitin-protein ligase RNF170	RNF170	17058000	INFINITE
Q9NVH6	Trimethyllysine dioxygenase, mitochondrial	TMLHE	17037000	INFINITE
Q13472	DNA topoisomerase 3-alpha	TOP3A	17032000	INFINITE
Q13541	Eukaryotic translation initiation factor 4E-binding protein 1	EIF4EBP1	17003000	INFINITE
Q9UHL4	Dipeptidyl peptidase 2	DPP7	16961000	INFINITE
Q9NRW1	Ras-related protein Rab-6B	RAB6B	16946000	INFINITE
P82921	28S ribosomal protein S21, mitochondrial	MRPS21	16928000	INFINITE
Q8IW35	Centrosomal protein of 97 kDa	CEP97	16913000	INFINITE
P09493	Tropomyosin alpha-1 chain	TPM1	16888000	INFINITE
Q7Z7N9	Transmembrane protein 179B	TMEM179B	16863000	INFINITE
O60238	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3L	BNIP3L	16756000	INFINITE
P49427	Ubiquitin-conjugating enzyme E2 R1	CDC34	16744000	INFINITE
Q9H3Q1	Cdc42 effector protein 4	CDC42EP4	16661000	INFINITE
Q9BZQ6	ER degradation-enhancing alpha-mannosidase-like protein 3	EDEM3	16652000	INFINITE
Q9NWW5	Ceroid-lipofuscinosis neuronal protein 6	CLN6	16640000	INFINITE
Q9NQ89	Protein C12orf4	C12orf4	16605000	INFINITE
Q9BVC5	Ashwin	C2orf49	16597000	INFINITE
Q99717;Q1	Mothers against decapentaplegic homolog 5;Moth of the eye 5	SMAD5;SMAD1	16502000	INFINITE

Q6IPR3	tRNA wybutosine-synthesizing protein 3 homolog	TYW3	16386000	INFINITE
Q14BN4	Sarcolemmal membrane-associated protein	SLMAP	16357000	INFINITE
Q7L5Y9	Macrophage erythroblast attacher	MAEA	16342000	INFINITE
Q9NR77	Peroxisomal membrane protein 2	PXMP2	16322000	INFINITE
Q562E7	WD repeat-containing protein 81	WDR81	16277000	INFINITE
Q9Y6X4	Soluble lamin-associated protein of 75 kDa	FAM169A	16213000	INFINITE
Q96G74	OTU domain-containing protein 5	OTUD5	16135000	INFINITE
O43286	Beta-1,4-galactosyltransferase 5	B4GALT5	16088000	INFINITE
Q96QA5	Gasdermin-A	GSDMA	16068000	INFINITE
A0A1B0GTU1			16038000	INFINITE
Q9P2K8	Eukaryotic translation initiation factor 2-alpha kina	EIF2AK4	15957000	INFINITE
P58557	Putative ribonuclease	YBEY	15924000	INFINITE
Q96P11	Probable 28S rRNA (cytosine-C(5))-methyltransferase	NSUN5	15909000	INFINITE
Q7RTS9	Dymeclin	DYM	15874000	INFINITE
Q8TBY8	Polyamine-modulated factor 1-binding protein 1	PMFBP1	15806000	INFINITE
Q5VW38	Protein GPR107	GPR107	15804000	INFINITE
Q8N8R5	UPF0565 protein C2orf69	C2orf69	15788000	INFINITE
Q9BSC4	Nucleolar protein 10	NOL10	15671000	INFINITE
A0A1B0GV1	TRPM8 channel-associated factor 2	TCAF2	15547000	INFINITE
Q00587	Cdc42 effector protein 1	CDC42EP1	15514000	INFINITE
Q8NFH5	Nucleoporin NUP53	NUP35	15507000	INFINITE
Q5VVQ6	Ubiquitin thioesterase OTU1	YOD1	15483000	INFINITE
Q9H1Y0	Autophagy protein 5	ATG5	15439000	INFINITE
Q5MIZ7	Serine/threonine-protein phosphatase 4 regulator	SMEK2	15396000	INFINITE
O94763	Unconventional prefoldin RPB5 interactor 1	URI1	15329000	INFINITE
Q969Q5	Ras-related protein Rab-24	RAB24	15280000	INFINITE
Q8WXH0	Nesprin-2	SYNE2	15269000	INFINITE
Q9BQI0	Allograft inflammatory factor 1-like	AIF1L	15223000	INFINITE
Q96T23	Remodeling and spacing factor 1	RSF1	15217000	INFINITE
Q9BW19	Kinesin-like protein KIFC1	KIFC1	15189000	INFINITE
Q9NX00	Transmembrane protein 160	TMEM160	15143000	INFINITE
Q6QNY0	Biogenesis of lysosome-related organelles complex 5	BLOC1S3	15077000	INFINITE
Q13416	Origin recognition complex subunit 2	ORC2	15042000	INFINITE
Q8NI36	WD repeat-containing protein 36	WDR36	15037000	INFINITE
Q9P2X3	Protein IMPACT	IMPACT	14963000	INFINITE
Q9NS91	E3 ubiquitin-protein ligase RAD18	RAD18	14958000	INFINITE
Q6BDS2	UHRF1-binding protein 1	UHRF1BP1	14898000	INFINITE
Q9BTX7	Alpha-tocopherol transfer protein-like	TTPAL	14881000	INFINITE
Q12884	Prolyl endopeptidase FAP;Antiplasmin-cleaving enzyme	FAP	14862000	INFINITE
Q6VN20	Ran-binding protein 10	RANBP10	14792000	INFINITE
O95210	Starch-binding domain-containing protein 1	STBD1	14779000	INFINITE
Q96Q45	Transmembrane protein 237	TMEM237	14762000	INFINITE
Q9H6U8	Alpha-1,2-mannosyltransferase ALG9	ALG9	14719000	INFINITE
P32780	General transcription factor IIH subunit 1	GTF2H1	14640000	INFINITE
P50336	Protoporphyrinogen oxidase	PPOX	14608000	INFINITE
Q9Y653	G-protein coupled receptor 56;GPR56 N-terminal fragment	GPR56	14547000	INFINITE
Q53S33	Bola-like protein 3	BOLA3	14523000	INFINITE
Q8NHV4	Protein NEDD1	NEDD1	14459000	INFINITE
Q9Y3Q3	Transmembrane emp24 domain-containing protein 3	TMED3	14446000	INFINITE
Q6ZSJ8	Uncharacterized protein C1orf122	C1orf122	14444000	INFINITE

Q99735	Microsomal glutathione S-transferase 2	MGST2	14311000	INFINITE
Q8IW45	ATP-dependent (S)-NAD(P)H-hydrate dehydratase	CARKD	14115000	INFINITE
Q9UM13	Anaphase-promoting complex subunit 10	ANAPC10	14108000	INFINITE
O15541	RING finger protein 113A	RNF113A	14097000	INFINITE
Q9Y448	Small kinetochore-associated protein	KNSTRN	14050000	INFINITE
Q8TEB9	Rhomboid-related protein 4	RHBDD1	14041000	INFINITE
Q96BN8	Ubiquitin thioesterase otulin	OTULIN	14014000	INFINITE
Q5T8D3	Acyl-CoA-binding domain-containing protein 5	ACBD5	14004000	INFINITE
O75530	Polycomb protein EED	EED	13964000	INFINITE
Q96BN2	Transcriptional adapter 1	TADA1	13918000	INFINITE
Q9NZ43	Vesicle transport protein USE1	USE1	13889000	INFINITE
Q6ZRQ5	Protein MMS22-like	MMS22L	13881000	INFINITE
Q8N138	ORM1-like protein 3	ORMDL3	13821000	INFINITE
Q96RF0	Sorting nexin-18	SNX18	13796000	INFINITE
P13686	Tartrate-resistant acid phosphatase type 5	ACP5	13787000	INFINITE
Q9Y619	Mitochondrial ornithine transporter 1	SLC25A15	13768000	INFINITE
Q6AI08	HEAT repeat-containing protein 6	HEATR6	13728000	INFINITE
Q7Z5H3	Rho GTPase-activating protein 22	ARHGAP22	13726000	INFINITE
P51606	N-acylglucosamine 2-epimerase	RENBP	13699000	INFINITE
P01594;P0	Ig kappa chain V-I region AU;Ig kappa chain V-I region AG		13699000	INFINITE
Q9BRS2	Serine/threonine-protein kinase RIO1	RIOK1	13543000	INFINITE
Q4VCS5;Q8	Angiomotin;Angiomotin-like protein 1	AMOT;AMOTL1	13478000	INFINITE
Q9UBS8	E3 ubiquitin-protein ligase RNF14	RNF14	13384000	INFINITE
P54646	5-AMP-activated protein kinase catalytic subunit a	PRKAA2	13348000	INFINITE
Q96C11	FGGY carbohydrate kinase domain-containing prot	FGGY	13320000	INFINITE
Q7Z4F1	Low-density lipoprotein receptor-related protein 1	LRP10	13140000	INFINITE
Q2VPB7	AP-5 complex subunit beta-1	AP5B1	13038000	INFINITE
P0CG08;B7	Golgi pH regulator B;Golgi pH regulator A	GPR89B;GPR89A	12987000	INFINITE
Q9UJK0	Ribosome biogenesis protein TSR3 homolog	TSR3	12982000	INFINITE
Q9H6Y2	WD repeat-containing protein 55	WDR55	12969000	INFINITE
O43759	Synaptogyrin-1	SYNGR1	12939000	INFINITE
Q9H1A3	Methyltransferase-like protein 9	METTL9	12889000	INFINITE
Q00653	Nuclear factor NF-kappa-B p100 subunit;Nuclear fa	NFKB2	12875000	INFINITE
Q96JC1	Vam6/Vps39-like protein	VPS39	12736000	INFINITE
O94788	Retinal dehydrogenase 2	ALDH1A2	12730000	INFINITE
Q15274	Nicotinate-nucleotide pyrophosphorylase [carboxy	QPRT	12715000	INFINITE
P38432	Coilin	COIL	12680000	INFINITE
P35367	Histamine H1 receptor	HRH1	12661000	INFINITE
Q86UA6	RPA-interacting protein	RPAIN	12649000	INFINITE
Q96ES7	SAGA-associated factor 29 homolog	CCDC101	12567000	INFINITE
Q86V85	Integral membrane protein GPR180	GPR180	12502000	INFINITE
Q8TDM6	Disks large homolog 5	DLG5	12437000	INFINITE
Q9BT88	Synaptotagmin-11	SYT11	12364000	INFINITE
Q96RU3	Formin-binding protein 1	FNBP1	12318000	INFINITE
Q9UBL6	Copine-7	CPNE7	12290000	INFINITE
O75943	Cell cycle checkpoint protein RAD17	RAD17	12144000	INFINITE
P52564	Dual specificity mitogen-activated protein kinase k	MAP2K6	12014000	INFINITE
A4D1P6	WD repeat-containing protein 91	WDR91	11982000	INFINITE
Q8IXW5	Putative RNA polymerase II subunit B1 CTD phospho	RPAP2	11890000	INFINITE
Q9UK73	Protein fem-1 homolog B	FEM1B	11861000	INFINITE

P11274	Breakpoint cluster region protein	BCR	11802000	INFINITE
Q8NEZ2	Vacuolar protein sorting-associated protein 37A	VPS37A	11691000	INFINITE
O43353	Receptor-interacting serine/threonine-protein kinase	RIPK2	11683000	INFINITE
Q53FT3	Protein Hikeshi	C11orf73	11640000	INFINITE
O14772	Fucose-1-phosphate guanylyltransferase	FPGT	11503000	INFINITE
Q8N5A5	Zinc finger CCCH-type with G patch domain-containing	ZGPAT	11368000	INFINITE
Q96PV6	Leukocyte receptor cluster member 8	LENG8	11348000	INFINITE
Q9Y6M5	Zinc transporter 1	SLC30A1	11301000	INFINITE
Q8N3P4	Vacuolar protein sorting-associated protein 8 homolog	VPS8	11234000	INFINITE
Q9H173	Nucleotide exchange factor SIL1	SIL1	11212000	INFINITE
Q9NXG6	Transmembrane prolyl 4-hydroxylase	P4HTM	11194000	INFINITE
Q96B02	Ubiquitin-conjugating enzyme E2 W	UBE2W	11186000	INFINITE
Q969Y2	tRNA modification GTPase GTPBP3, mitochondrial	GTPBP3	11148000	INFINITE
O43826	Glucose-6-phosphate translocase	SLC37A4	11109000	INFINITE
P54252	Ataxin-3	ATXN3	11076000	INFINITE
Q9Y248	DNA replication complex GINS protein PSF2	GINS2	11049000	INFINITE
Q14966	Zinc finger protein 638	ZNF638	10991000	INFINITE
Q9Y2S2	Lambda-crystallin homolog	CRYL1	10990000	INFINITE
Q9H6U6	Breast carcinoma-amplified sequence 3	BCAS3	10978000	INFINITE
Q5HYI7	Metaxin-3	MTX3	10956000	INFINITE
Q49A17	Polypeptide N-acetylgalactosaminyltransferase-like	GALNTL6	10898000	INFINITE
A5PLN9	Trafficking protein particle complex subunit 13	TRAPPC13	10879000	INFINITE
Q15814	Tubulin-specific chaperone C	TBCC	10839000	INFINITE
Q9NZN5	Rho guanine nucleotide exchange factor 12	ARHGEF12	10819000	INFINITE
Q55RE7	Phytanoyl-CoA dioxygenase domain-containing protein	PHYHD1	10787000	INFINITE
P01112	GTPase HRas;GTPase HRas, N-terminally processed	HRAS	10702000	INFINITE
O75864	Protein phosphatase 1 regulatory subunit 37	PPP1R37	10657000	INFINITE
Q9BSE5	Agmatinase, mitochondrial	AGMAT	10657000	INFINITE
Q99943	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha	AGPAT1	10622000	INFINITE
Q8WVQ1	Soluble calcium-activated nucleotidase 1	CANT1	10604000	INFINITE
O43301	Heat shock 70 kDa protein 12A	HSPA12A	10590000	INFINITE
Q969S2	Endonuclease 8-like 2	NEIL2	10581000	INFINITE
Q9UKT5	F-box only protein 4	FBXO4	10547000	INFINITE
P26374	Rab proteins geranylgeranyltransferase component	CHML	10494000	INFINITE
P05090	Apolipoprotein D	APOD	10392000	INFINITE
Q96JQ2	Calmin	CLMN	10378000	INFINITE
Q9NUP7	tRNA:m(4)X modification enzyme TRM13 homolog	TRMT13	10357000	INFINITE
Q9NWH9	SAFB-like transcription modulator	SLTM	10355000	INFINITE
O75379	Vesicle-associated membrane protein 4	VAMP4	10342000	INFINITE
Q6PJ69	Tripartite motif-containing protein 65	TRIM65	10338000	INFINITE
Q96QG7	Myotubularin-related protein 9	MTMR9	10314000	INFINITE
P01040	Cystatin-A;Cystatin-A, N-terminally processed	CSTA	10288000	INFINITE
Q14574	Desmocollin-3	DSC3	10248000	INFINITE
Q9UJC5	SH3 domain-binding glutamic acid-rich-like protein	SH3BGR2	10211000	INFINITE
Q9H7E9	UPF0488 protein C8orf33	C8orf33	10188000	INFINITE
Q8N573	Oxidation resistance protein 1	OXR1	10145000	INFINITE
P34741	Syndecan-2	SDC2	10119000	INFINITE
Q96EP0	E3 ubiquitin-protein ligase RNF31	RNF31	10055000	INFINITE
Q9UDY4	DnaJ homolog subfamily B member 4	DNAJB4	10055000	INFINITE
Q53TN4	Cytochrome b reductase 1	CYBRD1	10022000	INFINITE



O43741	5-AMP-activated protein kinase subunit beta-2	PRKAB2	9987000	INFINITE	
Q6P3X3	Tetratricopeptide repeat protein 27	TTC27	9966100	INFINITE	
Q9NV35	Probable 8-oxo-dGTP diphosphatase	NUDT15	9958300	INFINITE	
Q7Z5R6	Amyloid beta A4 precursor protein-binding family 1	APBB1IP	9887800	INFINITE	
P51843	Nuclear receptor subfamily 0 group B member 1	NR0B1	9870800	INFINITE	
Q9BRX5	DNA replication complex GINS protein	PSF3	GINS3	9866600	INFINITE
Q9H8H2	Probable ATP-dependent RNA helicase	DDX31	DDX31	9864700	INFINITE
O43572	A-kinase anchor protein 10, mitochondrial	AKAP10	9855500	INFINITE	
Q9H4I9	Essential MCU regulator, mitochondrial	SMDT1	9842600	INFINITE	
Q96MG8	Protein-L-isoaspartate O-methyltransferase domain	PCMTD1	9830000	INFINITE	
O76075	DNA fragmentation factor subunit beta	DFFB	9823600	INFINITE	
Q9BQL6	Fermitin family homolog 1	FERMT1	9762800	INFINITE	
O43164	E3 ubiquitin-protein ligase Praja-2	PJA2	9751800	INFINITE	
Q6NT16	MFS-type transporter	SLC18B1	SLC18B1	9739400	INFINITE
Q05655	Protein kinase C delta type;Protein kinase C delta type	PRKCD	9730400	INFINITE	
Q9NPH0	Lysophosphatidic acid phosphatase type 6	ACP6	9705600	INFINITE	
Q07820	Induced myeloid leukemia cell differentiation protein	MCL1	9702400	INFINITE	
Q9H7F4	Transmembrane protein 185B	TMEM185B	9584200	INFINITE	
P05423	DNA-directed RNA polymerase III subunit	RPC4	POLR3D	9584200	INFINITE
Q9C0B7	Transport and Golgi organization protein 6 homolog	TANGO6	9519100	INFINITE	
Q96EX1	Small integral membrane protein 12	SMIM12	9465200	INFINITE	
P36897	TGF-beta receptor type-1	TGFBR1	9434500	INFINITE	
Q8IX05	CD302 antigen	CD302	9344800	INFINITE	
Q8TCG2	Phosphatidylinositol 4-kinase type 2-beta	PI4K2B	9325600	INFINITE	
Q12955	Ankyrin-3	ANK3	9325100	INFINITE	
Q8NCM8	Cytoplasmic dynein 2 heavy chain 1	DYNC2H1	9322700	INFINITE	
P29590	Protein PML	PML	9295100	INFINITE	
Q5VU43	Myomegalin	PDE4DIP	9244200	INFINITE	
Q9P2W1	Homologous-pairing protein 2 homolog	PSMC3IP	9239600	INFINITE	
Q9NUJ3	T-complex protein 11-like protein 1	TCP11L1	9174200	INFINITE	
Q14807	Kinesin-like protein KIF22	KIF22	8979900	INFINITE	
O15379	Histone deacetylase 3	HDAC3	8965200	INFINITE	
Q9BSL1	Ubiquitin-associated domain-containing protein 1	UBAC1	8929400	INFINITE	
P25445	Tumor necrosis factor receptor superfamily member 1	FAS	8892800	INFINITE	
Q86VN1	Vacuolar protein-sorting-associated protein 36	VPS36	8865600	INFINITE	
Q14692	Ribosome biogenesis protein BMS1 homolog	BMS1	8779100	INFINITE	
A3KN83;Q96BY7;Q96BY8	Protein strawberry notch homolog 1;Protein strawberry notch homolog 2	SBNO1;SBNO2	8729900	INFINITE	
Q96BY7;Q96BY8	Autophagy-related protein 2 homolog B;Autophagy-related protein 2 homolog A	ATG2B;ATG2A	8688800	INFINITE	
Q5R372	Rab GTPase-activating protein 1-like	RABGAP1L	8631000	INFINITE	
Q8TDI0	Chromodomain-helicase-DNA-binding protein 5	CHD5	8568900	INFINITE	
Q9P1Z2	Calcium-binding and coiled-coil domain-containing protein 1	CALCOCO1	8506800	INFINITE	
Q5VZL5	Zinc finger MYM-type protein 4	ZMYM4	8455700	INFINITE	
Q99707	Methionine synthase	MTR	8435800	INFINITE	
Q8N5I4	Dehydrogenase/reductase SDR family member on chromosome 10	DHRSX	8371600	INFINITE	
Q9H3F6	BTB/POZ domain-containing adapter for CUL3-mediated ubiquitination	KCTD10	8318700	INFINITE	
Q9BXW6	Oxysterol-binding protein-related protein 1	OSBPL1A	8284300	INFINITE	
Q6KC79	Nipped-B-like protein	NIPBL	8229200	INFINITE	
Q15007	Pre-mRNA-splicing regulator	WTAP	8178800	INFINITE	
P50548	ETS domain-containing transcription factor	ERF	8141000	INFINITE	
Q9H6B4	CXADR-like membrane protein	CLMP	8044000	INFINITE	

Q9NVM6	DnaJ homolog subfamily C member 17	DNAJC17	8029700	INFINITE
Q9ULE4	Protein FAM184B	FAM184B	7973100	INFINITE
Q16610	Extracellular matrix protein 1	ECM1	7853100	INFINITE
Q9H4B0	Probable tRNA N6-adenosine threonylcarbamoyltr	OSGEPL1	7815400	INFINITE
Q00534	Cyclin-dependent kinase 6	CDK6	7705500	INFINITE
Q96J17	Spatacsin	SPG11	7623500	INFINITE
Q5TF21	Protein SOGA3	SOGA3	7622200	INFINITE
Q6DKK2	Tetratricopeptide repeat protein 19, mitochondria	TTC19	7572500	INFINITE
P28749	Retinoblastoma-like protein 1	RBL1	7550700	INFINITE
Q9BQE4	Selenoprotein S	VIMP	7538600	INFINITE
Q5TGY1	Transmembrane and coiled-coil domain-containing	TMCO4	7511000	INFINITE
P22735	Protein-glutamine gamma-glutamyltransferase K	TGM1	7457200	INFINITE
P36222	Chitinase-3-like protein 1	CHI3L1	7426900	INFINITE
P27482	Calmodulin-like protein 3	CALML3	7379000	INFINITE
P07476	Involucrin	IVL	7377100	INFINITE
Q14164	Inhibitor of nuclear factor kappa-B kinase subunit $\epsilon$	IKBKE	7366100	INFINITE
Q8NH53	Major facilitator superfamily domain-containing pr	MFSD8	7365500	INFINITE
Q8TF71	Monocarboxylate transporter 10	SLC16A10	7359600	INFINITE
Q9NQY0	Bridging integrator 3	BIN3	7265300	INFINITE
P04196	Histidine-rich glycoprotein	HRG	7261200	INFINITE
P51451	Tyrosine-protein kinase Blk	BLK	7222900	INFINITE
O15155	BET1 homolog	BET1	7210800	INFINITE
Q8IU60	m7GpppN-mRNA hydrolase	DCP2	7192000	INFINITE
O15156	Zinc finger and BTB domain-containing protein 7B	ZBTB7B	7168900	INFINITE
Q9Y2K2	Serine/threonine-protein kinase SIK3	SIK3	7165300	INFINITE
Q92503	SEC14-like protein 1	SEC14L1	7040900	INFINITE
O15381	Nuclear valosin-containing protein-like	NVL	6958400	INFINITE
Q92968	Peroxisomal membrane protein PEX13	PEX13	6899800	INFINITE
O14682	Ectoderm-neural cortex protein 1	ENC1	6847900	INFINITE
Q9NSV4	Protein diaphanous homolog 3	DIAPH3	6839200	INFINITE
P54098	DNA polymerase subunit gamma-1	POLG	6821800	INFINITE
Q14676	Mediator of DNA damage checkpoint protein 1	MDC1	6812200	INFINITE
O75554	WW domain-binding protein 4	WBP4	6762000	INFINITE
P01034	Cystatin-C	CST3	6760400	INFINITE
Q02040	A-kinase anchor protein 17A	AKAP17A	6725900	INFINITE
Q5VSL9	Striatin-interacting protein 1	STRIP1	6698500	INFINITE
P35754	Glutaredoxin-1	GLRX	6616300	INFINITE
Q96FZ2	Embryonic stem cell-specific 5-hydroxymethylcyto:	HMCE5	6589700	INFINITE
Q9UKG9	Peroxisomal carnitine O-octanoyltransferase	CROT	6527300	INFINITE
Q8TEU7	Rap guanine nucleotide exchange factor 6	RAPGEF6	6523100	INFINITE
Q9Y2G8	DnaJ homolog subfamily C member 16	DNAJC16	6482200	INFINITE
Q9P2G1	Ankyrin repeat and IBR domain-containing protein	ANKIB1	6400700	INFINITE
Q6JQN1	Acyl-CoA dehydrogenase family member 10	ACAD10	6353700	INFINITE
Q8N7R7	Cyclin-Y-like protein 1	CCNYL1	6331900	INFINITE
Q6P1R4	tRNA-dihydrouridine(16/17) synthase [NAD(P)(+)]-	DUS1L	6276100	INFINITE
Q8TBK6	Zinc finger CCHC domain-containing protein 10	ZCCHC10	6171300	INFINITE
Q96DF8	Protein DGCR14	DGCR14	6106600	INFINITE
O00635	E3 ubiquitin-protein ligase TRIM38	TRIM38	6055200	INFINITE
Q01432	AMP deaminase 3	AMPD3	6048400	INFINITE
Q9Y3A4	Ribosomal RNA-processing protein 7 homolog A	RRP7A	6037400	INFINITE

Q9UJX6	Anaphase-promoting complex subunit 2	ANAPC2	6012800	INFINITE
O76024	Wolframin	WFS1	6004300	INFINITE
P78332	RNA-binding protein 6	RBM6	5970400	INFINITE
P18440	Arylamine N-acetyltransferase 1	NAT1	5956100	INFINITE
Q14687	Genetic suppressor element 1	GSE1	5911700	INFINITE
P61244	Protein max	MAX	5888100	INFINITE
Q56A73	Spindlin-4	SPIN4	5861800	INFINITE
Q8N302	Angiogenic factor with G patch and FHA domains 1	AGGF1	5847200	INFINITE
Q86WQ0	Nuclear receptor 2C2-associated protein	NR2C2AP	5802300	INFINITE
Q9NYL4	Peptidyl-prolyl cis-trans isomerase FKBP11	FKBP11	5781400	INFINITE
Q9H871	Protein RMD5 homolog A	RMND5A	5764000	INFINITE
O95319	CUGBP Elav-like family member 2	CELF2	5745900	INFINITE
O60507	Protein-tyrosine sulfotransferase 1	TPST1	5640500	INFINITE
P04259	Keratin, type II cytoskeletal 6B	KRT6B	5606400	INFINITE
Q9UPN4	Centrosomal protein of 131 kDa	CEP131	5543200	INFINITE
Q9BT09	Protein canopy homolog 3	CNPY3	5534600	INFINITE
Q9H467	CUE domain-containing protein 2	CUEDC2	5506800	INFINITE
Q86X29	Lipolysis-stimulated lipoprotein receptor	LSR	5442200	INFINITE
Q13835	Plakophilin-1	PKP1	5416600	INFINITE
Q9H1J1	Regulator of nonsense transcripts 3A	UPF3A	5294600	INFINITE
Q9HAU0	Pleckstrin homology domain-containing family A member 5	PLEKHA5	5200800	INFINITE
Q30154	HLA class II histocompatibility antigen, DR beta 5 chain	HLA-DRB5	5177700	INFINITE
Q8TEV9	Smith-Magenis syndrome chromosomal region carrier	SMCR8	5156300	INFINITE
P60880	Synaptosomal-associated protein 25	SNAP25	5100000	INFINITE
O95619	YEATS domain-containing protein 4	YEATS4	5036600	INFINITE
Q96D09	G-protein coupled receptor-associated sorting protein 2	GPRASP2	5029400	INFINITE
Q96PZ2	Protein FAM111A	FAM111A	5016200	INFINITE
P37198	Nuclear pore glycoprotein p62	NUP62	5001600	INFINITE
Q12933	TNF receptor-associated factor 2	TRAF2	4920400	INFINITE
O43318	Mitogen-activated protein kinase kinase kinase 7	MAP3K7	4883000	INFINITE
O14681	Etoposide-induced protein 2.4 homolog	EI24	4831500	INFINITE
Q96GM5	SWI/SNF-related matrix-associated actin-dependent nuclear corepressor 1	SMARCD1	4781000	INFINITE
Q6NXT6	Transmembrane anterior posterior transformation 1	TAPT1	4618200	INFINITE
P17482	Homeobox protein Hox-B9	HOXB9	4614200	INFINITE
Q9NPJ6	Mediator of RNA polymerase II transcription subunit 4	MED4	4599200	INFINITE
Q96NX9;Q96NX8	Dachshund homolog 2;Dachshund homolog 1	DACH2;DACH1	4563300	INFINITE
Q9HCY8	Protein S100-A14	S100A14	4519000	INFINITE
Q12983	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3	BNIP3	4461200	INFINITE
O75528	Transcriptional adapter 3	TADA3	4410200	INFINITE
P07948;P07947	Tyrosine-protein kinase Lyn;Tyrosine-protein kinase	LYN;HCK	4399100	INFINITE
Q5BKX5	UPF0692 protein C19orf54	C19orf54	4202500	INFINITE
Q96RU2	Ubiquitin carboxyl-terminal hydrolase 28	USP28	4186400	INFINITE
Q9BVS5	tRNA (adenine(58)-N(1))-methyltransferase, mitochondrial	TRMT61B	4156000	INFINITE
Q96HJ9	UPF0562 protein C7orf55	C7orf55	4154300	INFINITE
P01833	Polymeric immunoglobulin receptor;Secretory component	PIGR	4145700	INFINITE
Q02338	D-beta-hydroxybutyrate dehydrogenase, mitochondrial	BDH1	4065600	INFINITE
Q9BXS4	Transmembrane protein 59	TMEM59	4003000	INFINITE
Q9BVJ7	Dual specificity protein phosphatase 23	DUSP23	3959500	INFINITE
Q2TAM9	Tumor suppressor candidate gene 1 protein	TUSC1	3889600	INFINITE
P52657	Transcription initiation factor IIA subunit 2	GTF2A2	3660200	INFINITE

Q8N4C8	Misshapen-like kinase 1	MINK1	3410000	INFINITE
O60279	Sushi domain-containing protein 5	SUSD5	3362100	INFINITE
O60551	Glycylpeptide N-tetradecanoyltransferase 2	NMT2	3204700	INFINITE
Q9BPX6	Calcium uptake protein 1, mitochondrial	MICU1	3170100	INFINITE
Q9UL40	Zinc finger protein 346	ZNF346	3083700	INFINITE
P20226;Q6	TATA-box-binding protein;TATA box-binding protei	TBP;TBPL2	2899700	INFINITE
Q8N2M8	CLK4-associating serine/arginine rich protein	CLASRP	2817000	INFINITE
Q96N21	AP-4 complex accessory subunit tepsin	ENTHD2	2659200	INFINITE
Q9UI43	rRNA methyltransferase 2, mitochondrial	FTSJ2	2527900	INFINITE
O43293	Death-associated protein kinase 3	DAPK3	2467400	INFINITE
Q9UIG0	Tyrosine-protein kinase BAZ1B	BAZ1B	2436600	INFINITE
Q6ZVX7	F-box only protein 50	NCCRP1	2349000	INFINITE
Q6IPR1	LYR motif-containing protein 5	LYRM5	2024200	INFINITE
Q9HA92	Radical S-adenosyl methionine domain-containing	RSAD1	1913500	INFINITE
Q9NZM5	Glioma tumor suppressor candidate region gene 2	GLTSCR2	1746000	INFINITE
O43240	Kallikrein-10	KLK10	1660800	INFINITE
Q8TDX5	2-amino-3-carboxymuconate-6-semialdehyde decar	ACMSD	1181800	INFINITE
O00287	Regulatory factor X-associated protein	RFXAP	0	
O14569	Cytochrome b561 domain-containing protein 2	CYB561D2	0	
O15116	U6 snRNA-associated Sm-like protein LSm1	LSM1	0	
O15357	Phosphatidylinositol 3,4,5-trisphosphate 5-phosph	INPPL1	0	
O43548	Protein-glutamine gamma-glutamyltransferase 5	TGM5	0	
O60331	Phosphatidylinositol 4-phosphate 5-kinase type-1	PIP5K1C	0	
O75376	Nuclear receptor corepressor 1	NCOR1	0	
P10412	Histone H1.4	HIST1H1E	0	
P32856	Syntaxin-2	STX2	0	
P41226	Ubiquitin-like modifier-activating enzyme 7	UBA7	0	
P41229	Lysine-specific demethylase 5C	KDM5C	0	
P49137	MAP kinase-activated protein kinase 2	MAPKAPK2	0	
P57768	Sorting nexin-16	SNX16	0	
Q07352	Zinc finger protein 36, C3H1 type-like 1	ZFP36L1	0	
Q53GL0	Pleckstrin homology domain-containing family O or	PLEKHO1	0	
Q53LP3	Ankyrin repeat domain-containing protein SOWAH	SOWAHC	0	
Q55QN1	Synaptosomal-associated protein 47	SNAP47	0	
Q55R56	Hippocampus abundant transcript-like protein 1	HIATL1	0	
Q5T1V6	Probable ATP-dependent RNA helicase DDX59	DDX59	0	
Q5T750	Skin-specific protein 32	XP32	0	
Q6B0K9	Hemoglobin subunit mu	HBM	0	
Q6P1Q9	Methyltransferase-like protein 2B	METTL2B	0	
Q86VQ3	Thioredoxin domain-containing protein 2	TXNDC2	0	
Q8IVV2	Lipoxygenase homology domain-containing protei	LOXHD1	0	
Q8IW75	Serpin A12	SERPINA12	0	
Q8IWT6	Volume-regulated anion channel subunit LRRC8A	LRRC8A	0	
Q92685	Dol-P-Man:Man(5)GlcNAc(2)-PP-Dol alpha-1,3-mar	ALG3	0	
Q96S94	Cyclin-L2	CCNL2	0	
Q9BUL5	PHD finger protein 23	PHF23	0	
Q9UL33	Trafficking protein particle complex subunit 2-like	TRAPPC2L	0	
Q9UNK0	Syntaxin-8	STX8	0	

