

**Supplementary Table 2.** The list of 6047 identified proteins in hippocampus, medial prefrontal cortex, and striatum of Tg-TRF and Tg-PO mice groups.

Protein accession	Protein names	Gene names	Average LFQ intensity (Log2)		Number of peptides	Molecular weight (kDa)	Maxquant score	MS/MS count	p-value	q-value
			Tg-PO	Tg-TRF						
Hippocampus										
A0A068BEQ2;P501	Estradiol 17-beta-dehydrogenase 8 H2-Ke6;Hsd17b		21.0762	21.4822	3	26.587	31.399	15	0.691486	0.832373
Q78ZJ8;A0A068BFF	Ras-related protein Rab-11B;Ras-re	Rab11b;Rab11a	26.6908	27.3074	12	24.489	62.76	286	0.16452	0.472114
Q3V3A4;A0A068BC	Vacuolar protein sorting-associate	Vps52	20.1822	20.5463	4	82.099	10.871	5	0.743231	0.862985
Q7JCZ1;A0A075DC	Cytochrome c oxidase subunit 2	mt-Co2;COX2;N	27.0096	27.3749	6	25.976	165.69	388	0.565307	0.75265
Q7JCX7;Q7JCA9;G3	Cytochrome c oxidase subunit 3	mt-Co3;COX3;C	24.2248	21.0563	1	29.922	17.822	15	0.095164	0.430785
A0A076FSX1;A0A0	Solute carrier family 12 member 5	Slc12a5	27.1182	22.4803	35	123.59	323.31	454	0.135785	0.451772
A0A087WNM1;Q9	SLIT-ROBO Rho GTPase-activating p	Srgap2	21.5921	20.3197	6	98.278	34.76	9	0.039691	0.358336
A0A087WPE4;A0A	Transcription elongation factor B p	Tceb1	22.6849	22.1586	2	5.4431	3.9372	18	0.621784	0.789887
A0A087WNV1;A0A	Arf-GAP domain and FG repeat-cor	Agfg1	20.1514	20.9244	4	53.974	23.775	8	0.316557	0.576112
Q3TYE5;A0A087WF	Limbic system-associated membra	Lsamp	25.7784	26.7997	14	37.31	303.37	223	0.326387	0.579562
A0A087WP83;Q3V	Vigilin	Hdlbp	20.3823	19.4417	4	134.21	14.917	3	0.253167	0.526993
A0A087WPL5;E9Q	ATP-dependent RNA helicase A	Dhx9	24.7224	21.1241	24	149.62	323.31	93	0.047539	0.385838
A0A087WPP8;Q6A	Abl interactor 2	Abi2	23.0321	22.7798	11	52.482	82.095	50	0.881132	0.933407
E9Q9P4;F7BHL0;J3	Calcium-activated potassium chanr	Kcnma1	22.146	20.5665	6	118.43	11.943	12	0.159835	0.46957
Q6P5H4;E9QAN4;C	Kinesin-like protein;Kinesin-like prc	Kif1a	23.7998	20.7113	19	190.99	55.209	31	0.068258	0.421887
A0A087WS46;O7O	Elongation factor 1-beta	Eef1b2;Eef1b	23.8352	23.7667	3	20.136	56.49	60	0.926633	0.958236
A0A087WS83;Q61	Voltage-dependent R-type calcium	Cacna1e	21.9645	20.7412	7	257.2	20.58	10	0.356961	0.598786
A0A087WSS1;E9Q	LisH domain and HEAT repeat-cont	2310035C23Rik	22.9377	20.6004	15	131.87	53.74	26	0.06871	0.421439
A0A0A0MQD5;Q4A	SH3 and multiple ankyrin repeat dc	Shank3	22.5317	21.2721	11	192.22	28.859	24	0.018223	0.321806
A0A0A0MQM0;P6	Eukaryotic translation initiation fac	Eif5a;Eif5a2	21.7829	20.9079	4	16.302	4.1999	9	0.69679	0.833142
A0A0A1HAM8;P26	Myristoylated alanine-rich C-kinase	Marcks	24.8549	24.3953	5	29.721	155.19	37	0.366884	0.6047
A0A0A6YY34;A0A0	Glutathione peroxidase;Glutathion	Gpx1	21.9231	19.7086	4	16.353	4.9716	9	0.000488	0.156854
Q80XD3;A0A0A6YV	Regulator of G-protein signaling 7	Rgs7	23.2202	24.6941	16	55.014	157.1	68	0.071631	0.421655
A5JUZ1;A0A0A6YW	Ubiquitin-60S ribosomal protein L4	Ubc;Gm8797;U	27.2193	27.5542	6	8.5647	146.05	377	0.472632	0.689219
A0A0A6YWF5;A0A	Sodium-coupled neutral amino acid	Slc38a3	21.6311	21.5867	2	16.457	41.572	16	0.963285	0.97604
A0A0A6YWG7;E9Q	Rap guanine nucleotide exchange f	Rapgef2	24.0038	21.9626	23	184.11	323.31	52	0.094122	0.433394

A0A0A6YWM5;E9C Rab3 GTPase-activating protein no	Rab3gap2	22.1262	20.6612	11	152.54	75.053	19	0.133087	0.447427
A0A0A6YX18;Q8BV V-type proton ATPase subunit H	Atp6v1h	26.5967	27.5612	23	54.108	323.31	398	0.062061	0.422596
Q9CY93;Q5M9K9;A 60S ribosomal protein L31	Rpl31	21.5653	23.0649	4	14.411	7.8739	33	0.471235	0.690315
A0A0A6YX73;Q8K1 cAMP-dependent protein kinase ty	Prkar2a	23.9268	25.497	15	43.165	323.31	111	0.024512	0.310164
A0A0A6YY47 Neural cell adhesion molecule 1	Ncam1	23.7663	19.8515	26	93.491	87.599	12	0.000994	0.159745
B2RRE3;A0A0A6YY1 Calmodulin-regulated spectrin-assc	Camsap2	21.1941	19.0016	3	165.66	25.85	6	0.062655	0.417785
A0A0A6YY91 Neural cell adhesion molecule 1	Ncam1	28.5208	24.7899	32	116.26	323.31	558	0.052318	0.398459
Q4FJX1;Q3UGH8;A Importin subunit alpha;Importin su	Kpna4	19.865	21.6317	6	57.922	9.9715	10	0.01605	0.307046
A0A0G2JDF8;Q99N Serrate RNA effector molecule hon	Srrt	21.5645	20.1755	2	58.1	2.9266	2	0.106371	0.434958
B9EHV0;A0A0G2JD Leucine-rich repeat-containing pro	Lrrc7	23.428	21.0547	12	156.67	32.013	30	0.023537	0.312593
A0A0G2JDV8;Q9DA Calponin-3	Cnn3	20.8724	20.4761	4	31.395	6.1174	5	0.551211	0.74562
A0A0G2JDX4;A0A0 Tetraspanin;Tetraspanin-2	Tspan2	22.231	21.6266	3	9.5218	96.631	11	0.687336	0.831738
A0A0G2JEG8;Q7TQ Amphiphysin	Amph	27.0744	25.3553	23	75.339	323.31	327	0.159924	0.468975
A0A0G2JER9;O549 DnaJ homolog subfamily B membe	Dnajb6	21.7488	22.015	6	26.998	11.704	23	0.857339	0.925281
A0A0G2JES3;Q5M9 60S ribosomal protein L9	Rpl9	22.5211	20.0484	3	21.622	6.065	16	0.007596	0.24911
Q52KF2;Q80TP0;A Seizure 6-like protein	Sez6l	20.3878	20.7341	2	54.262	12.187	8	0.783123	0.886253
A0A0G2JGQ6;A3KN Serine/threonine-protein kinase D	Dclk1	25.3075	23.5556	19	82.104	187.23	111	0.090454	0.433908
A0A0G2JGX4;Q6PI Sodium/potassium-transporting A1	Atp1a3	32.2969	30.1091	63	112.99	323.31	3889	0.231863	0.518226
A0A0G2JGY9;Q7TM Lipid phosphate phosphatase-relat	Lppr4	23.7683	22.5129	11	76.746	49.006	27	0.06093	0.418434
B1AWN6;A0A0R5R Sodium channel protein	Scn2a1	24.5173	21.6361	23	227.94	164.99	59	0.206237	0.49838
A0A0J9YTY0;A0A0J Septin-11	Sept11	25.1985	25.483	20	48.978	323.31	104	0.824909	0.911711
A0A0J9YU62;O887 C-terminal-binding protein 1	Ctbp1	23.7346	23.4273	14	46.527	323.31	119	0.888584	0.93575
A0A0J9YUD8;Q8C7 High mobility group protein B1	Hmgb1	25.3402	26.1857	7	19.774	59.332	93	0.177985	0.480709
A0A0J9YUI1;Q6ZW Ubiquitin-conjugating enzyme E2 K	Ube2k	21.3067	20.0575	4	15.81	5.8378	12	0.217425	0.503461
A0A0J9YUN4;A0A0 Dynamin-1	Dnm1	30.1835	29.351	64	97.294	323.31	2250	0.248444	0.530212
A0A0J9YU55;E9PVC Eukaryotic translation initiation fac	Eif4g1	22.3237	20.4108	13	145.31	36.862	23	0.105377	0.434207
A0A0J9YVF0;Q14BI Metabotropic glutamate receptor	Grm2	20.8394	20.6275	6	65.785	6.6061	6	0.86617	0.93106
A0A0N4SV66;A0AL Histone H2A;Histone H2A type 1-H	Hist1h2ah;Hist1	30.4419	29.9556	4	13.66	75.435	422	0.694129	0.833058
A0A0N4SVB5;Q6PE Proline-rich transmembrane protei	Prpt3	20.9461	20.4491	5	101.29	14.61	11	0.788204	0.891375
A0A0N4SVB8;Q9DA ADP-ribosylation factor-like proteir	Arl8b	21.6956	20.2956	6	15.985	9.9578	28	0.482278	0.69571
Z4YKC4;A0A0R4J11 Eukaryotic translation initiation fac	Eif4g3	20.4842	20.6787	5	173.55	26.629	6	0.874957	0.932398
A0A0N4SVP8;Q91V Eukaryotic initiation factor 4A-III;E	Eif4a3;Gm8994	20.4065	21.2151	9	46.959	25.846	9	0.36317	0.603531
A0A0N4SVQ1;Q624 Cytochrome c oxidase subunit NDL	Ndufa4	26.9907	27.567	6	5.8765	45.341	244	0.568303	0.755388

AOA0N4SVT3;AOA0 Guanine nucleotide-binding protein Gng12	22.7752	24.2076	4	7.1971	15.886	41	0.554196	0.747769
AOA0R3P9C8;Q9DC NADH dehydrogenase [ubiquinone] Ndufa9	26.3053	24.989	19	42.121	323.31	334	0.210194	0.49894
AOA0R4IZX5;P5506 Neurocan core protein Ncan	27.3249	24.6626	31	137.17	323.31	340	0.140585	0.454567
AOA0R4IZY0;Q8C1F Thimet oligopeptidase Thop1	23.1891	21.9633	17	78.026	92.013	41	0.366332	0.60441
AOA0R4J023;Q9JLZ Methylglutaconyl-CoA hydratase, r Auh	24.424	25.087	10	33.338	216.94	161	0.245877	0.532513
AOA0R4J036;P0855 Neurofilament medium polypeptide Nefm	28.4585	27.6158	41	95.94	323.31	728	0.079394	0.426709
AOA0R4J052;G5E81 Hydroxyacylglutathione hydrolase, Hagh	24.6542	25.232	7	28.92	71.603	81	0.153978	0.465119
AOA0R4J087;Q8BJI Sodium-dependent neutral amino acid transporter Slc6a17	24.2391	23.1569	10	80.756	224.25	62	0.183957	0.484621
AOA0R4J094;Q3TCI Fumarylacetoacetate hydrolase domain Fahd2	22.6267	21.7565	9	34.676	86.643	41	0.449186	0.670234
Q3UIZ0;AOA0R4J0F Cyclin-G-associated kinase Gak	20.9464	20.8317	10	143.64	10.401	13	0.894449	0.937625
AOA0R4J0G0;Q8BH Phosphoenolpyruvate carboxykinase Pck2	20.4353	22.2759	12	73.417	60.642	38	0.312143	0.573273
AOA0R4J0I9;Q91ZX Pro-low-density lipoprotein receptor Lrp1	25.3844	24.4684	38	504.77	261.86	118	0.278343	0.545484
Z4YL78;AOA0R4J0K Cytoskeleton-associated protein 5 Ckap5	23.3997	21.0277	21	218.71	76.112	32	0.10682	0.435686
AOA0R4J0M9;Q80T Deubiquitinating protein VCIPI35 Vcpi1	20.9025	20.7305	5	134.44	23.803	7	0.665881	0.817472
AOA0R4J0Q5;P216 Lamin-B2 Lmnb2	23.795	24.5968	15	69.084	68.497	24	0.280551	0.54648
AOA0R4J0S4;Q80Y1 Lethal(2) giant larvae protein homolog Lgl1	21.0597	20.4204	6	115.56	13.621	8	0.018263	0.319001
AOA0R4J0X5;Q008 Alpha-1-antitrypsin 1-3;Alpha-1-antitrypsin Serpina1c;Serpina1c	21.4701	23.0023	11	45.854	252.7	33	0.193365	0.492453
AOA0R4J0Z1;P0800 Protein disulfide-isomerase A4 Pdia4	20.9824	21.5992	7	72.369	29.611	13	0.519802	0.720105
Q8BR89;Q50H70;A Aquaporin-4 Aqp4	24.186	20.7137	4	23.938	69.276	34	0.004235	0.212665
G3UYZ1;AOA0R4J1 Immunoglobulin superfamily member Igsf8	26.232	25.6779	15	58.131	323.31	173	0.324001	0.57788
AOA0R4J150;B9EJ8 Oxysterol-binding protein Osbp1	19.7718	20.9262	3	96.98	5.5328	6	0.110624	0.433593
AOA0R4J1E2;F6ZFU Elongation factor 1-delta Eef1d	23.3525	21.6456	9	72.93	48.347	36	0.297256	0.554808
AOA0R4J1F4;A2AGI MAP kinase-activating death domain Madd	23.88	21.7264	18	173.2	142.61	47	0.131671	0.445464
Q3TMU8;AOA0R4J1 Dihydropyrimidinase-related protein Dpysl4	25.5745	26.3414	21	61.927	323.31	194	0.124121	0.439346
AOA0R4J1N9;Q3TS Transcription factor A, mitochondrial Tfam	21.5002	21.1289	3	23.384	4.5944	13	0.79902	0.90107
G3UZ12;AOA0R4J25 Heterogeneous nuclear ribonucleoprotein Syncrin	21.7193	22.7196	10	58.751	52.852	41	0.206708	0.49802
Q8BME2;AOA0R4J2 NADH dehydrogenase [ubiquinone] Ndufa12	25.0324	26.6544	9	17.374	31.559	107	0.030566	0.327462
AOA0R4J2B0;V9GX CUGBP Elav-like family member 2 Celf2	21.955	23.0531	8	46.607	37.674	23	0.008561	0.264564
AOA0R4J2B2;Q6W BTB/POZ domain-containing protein Kctd12	23.9391	21.8845	12	35.888	107.85	99	0.188894	0.486463
Q5DTI3;AOA0R4J2C Synaptotagmin-2 Syt2;syt II	20.7213	21.8756	11	36.063	39.573	16	0.148287	0.457386
Q3TSS0;AOA0U1RNS-adenosylmethionine synthase;S-adenosylmethionine synthase Mat2a	20.626	21.6165	4	39.754	28.041	15	0.283634	0.547837
AOA0U1RP13;Q8V CDP-diacylglycerol--inositol 3-phosphate Cdipt	21.5636	20.8016	4	20.292	11.648	23	0.500491	0.708
AOA140LHL5;Q8VD NAD-dependent protein deacetylase Sirt2	25.1189	25.1389	19	39.425	323.31	228	0.981243	0.986153

A0A140T8I9;E9Q3L Phosphatidylinositol 4-kinase alpha	Pi4ka	24.6117	21.4677	36	231.35	181.6	73	0.084739	0.430936
Q6ZWZ4;Q5M9L1;60S ribosomal protein L36	Rpl36	22.8285	22.1385	4	12.254	6.0155	26	0.645984	0.801619
Q91YK6;Q4V9X9;Q 60S ribosomal protein L23a	Rpl23a	22.5204	24.5421	7	16.94	12.4	32	0.137764	0.455553
Q5EBJ0;A0A140T8\ Fatty acid-binding protein, heart	Fabp3	22.2941	20.9001	5	14.819	10.731	46	0.429942	0.660532
Q9ME04;Q7JCY6;A\ NADH-ubiquinone oxidoreductase	ND4;mt-Nd4;M	23.3776	20.3399	3	51.851	138.9	14	0.015442	0.302631
Q3UVI0;Q3UQ68;Q NADH-ubiquinone oxidoreductase	mt-Nd5;ND5;M	23.6454	21.2689	4	41.182	20.857	12	0.101295	0.434082
A0A1B0GR11;Q93C Transaldolase	Taldo1	25.3173	24.0966	15	42.151	74.669	183	0.264203	0.534727
A0A1B0GRH2;Q3V\ Receptor-type tyrosine-protein ph	Ptpre	20.7026	19.3992	3	82.092	3.4786	8	0.310726	0.573291
Q5PR72;Q3TXZ6;A\ cGMP-dependent 3,5-cyclic phosph	Pde2a	24.6776	22.6288	22	105.25	323.31	75	0.077013	0.425294
Q544R1;Q3UYN1;A Proline synthase co-transcribed ba	Prosc	21.7941	22.1881	7	30.048	34.725	46	0.841108	0.918872
A0A1B0GRU0;Q3T\ Vesicular glutamate transporter 1	Slc17a7	27.46	26.3902	11	64.318	323.31	239	0.234792	0.522591
A0A1B0GRV0;Q3UI 3(2),5-bisphosphate nucleotidase 1	Bpnt1	23.2122	23.9616	11	34.973	71.566	84	0.447205	0.667898
A0A1B0GS08;J3QP\ Protein stum homolog	6330403A02Rik	23.467	21.881	2	14.775	56.845	55	0.278952	0.545348
A0A1B0GSM3;A0A\ Arfaptin-2	Arfp2	20.9411	20.8679	6	29.348	28.478	17	0.955911	0.970403
Q3UM23;A0A1B0G Ribonuclease inhibitor	Rnh1	19.5167	21.5497	6	49.843	68.171	11	0.170769	0.473964
Q564E2;Q3TI99;A0 L-lactate dehydrogenase;L-lactate	Ldha	28.9169	27.856	22	36.498	323.31	756	0.091677	0.430774
A0A1D5RM83;E9PL IQ motif and SEC7 domain-containi	lqsec1	24.9731	22.4843	22	117.93	182.27	114	0.063678	0.421112
D3Z4T6;A0A4W9;Q Neuronal growth regulator 1	Negr1	22.8591	22.3515	7	36.208	48.051	28	0.695884	0.833919
A0JLV3;B2RVD5;B2 Histone H2B;Histone H2B type 1-P; Hist1h2bj;Hist1		29.665	31.1157	7	13.579	147.53	410	0.174904	0.478827
A0JNY3;Q8BUV3 Gephyrin;Molybdopterin adenylylt	Gphn	23.8554	22.1285	21	83.665	223.08	72	0.339962	0.586809
A1A4T2;Q8BHN3;Q Neutral alpha-glucosidase AB	Ganab	24.18	22.2481	24	109.4	277.58	76	0.170772	0.473156
A1BN54 Alpha actinin 1a	Actn1	27.5627	26.6473	48	102.72	323.31	556	0.124643	0.440222
Q3TU85;A1E2B8;Q Heat shock 70 kDa protein 1A;Heat Hspa1b;Hspa1a		22.7638	23.4138	18	70.078	108.04	48	0.319336	0.577247
A1L0U6;A2AS98;P2 Nck-associated protein 1	Nckap1	27.0814	24.2726	50	129.38	323.31	392	0.083723	0.434008
A1L151;Q99JG2 Prosaposin receptor GPR37L1	Gpr37l1	23.3058	20.7781	3	38.32	12.407	16	0.061532	0.420776
Q8BTS0;A1L333;Q5 Probable ATP-dependent RNA helic	Ddx5	23.8042	24.3598	17	69.265	117.41	80	0.211229	0.499183
A1L3B8;P26516 26S proteasome non-ATPase reguli	Psmd7	21.3706	21.887	9	36.539	55.437	30	0.693153	0.832509
A2A547;Q5I0T8;P8 Ribosomal protein L19;60S ribosom	Rpl19	23.6059	23.1937	5	23.247	9.8323	26	0.7332	0.856911
A2A5N2;Q9CQV8;A 14-3-3 protein beta/alpha;14-3-3 p	Ywhab	28.699	28.6294	15	28.086	323.31	346	0.874373	0.933013
A2A6U3;Q80UG5;A Septin-9	Sept9	24.1274	23.5849	11	63.772	196.46	84	0.322944	0.577919
A2A7S7;Q91WQ3 Tyrosine--tRNA ligase;Tyrosine--tRI	Yars	22.9128	24.0152	20	63.001	240.12	58	0.128082	0.445514
A2A813;Q99LX0;A2 Protein deglycase DJ-1	Park7	26.2209	27.0311	12	18.474	112.06	247	0.243762	0.531513
A2A9X5;Q9JM14 5(3)-deoxyribonucleotidase, cytos	cNt5c	22.5302	23.5837	3	21.939	11.243	27	0.43805	0.665355

Q3TLU0;A2ABY3;Q Ethanolamine-phosphate cytidylt Pcyt2	19.9664	21.206	4	43.46	28.61	5	0.146849	0.458226
Q61833;A2ACG7;Q Dolichyl-diphosphooligosaccharide Rpn2	20.8849	20.7639	4	66.301	12.272	5	0.81896	0.908887
A2ACL9;Q62443;Q Neuronal pentraxin-1 Nptx1	23.1423	24.2553	11	47.117	323.31	52	0.06232	0.419028
A2AE27;Q9DBT5 AMP deaminase 2 Ampd2	21.7691	20.8201	6	94.695	16.817	13	0.075458	0.423991
A2AEG6;P35803;A2 Neuronal membrane glycoprotein I Gpm6b	26.4606	24.8303	10	36.196	281.67	185	0.401215	0.633976
A2AEW9;A2AEW8;A GRIP1-associated protein 1 Gripap1	20.3924	20.1756	6	90.764	11.071	9	0.633185	0.794944
A2AEX8;A2AEX6;P9 Four and a half LIM domains protei Fhl1	21.4252	20.7188	4	33.563	6.5567	8	0.37877	0.613592
A2AFG7;A2AFG8;Q Neural cell adhesion molecule L1 L1cam	23.6529	20.225	18	139.82	143.66	47	0.000636	0.127741
Q4JG03;A2AFQ0;Q E3 ubiquitin-protein ligase HUWE1 Huwe1	22.9754	20.7723	12	482.74	35.059	13	0.122681	0.438109
Q99N15;A2AFQ2;Q 3-hydroxyacyl-CoA dehydrogenase Hsd17b10	23.4563	24.0598	8	27.273	58.16	84	0.350562	0.593628
B2RWZ9;A2AGI2;Q Neuroligin-3 Nlgn3;mKIAA14	22.5201	19.8581	9	91.189	82.875	18	0.010859	0.281465
Q8BQW4;A2AH25;A Rho GTPase-activating protein 1 Arhgap1	23.5699	24.2597	17	54.441	175.91	74	0.244307	0.531979
A2AHJ7;A2AHK0;Q Diacylglycerol kinase;Diacylglycero Dgkz	22.0969	19.9108	10	105.9	31.181	19	0.018551	0.320556
A2AI17;A2AI14;A2A Glutamate receptor ionotropic, NM Grin1	24.4197	22.4192	19	103.59	184.31	75	0.211528	0.499156
A2AI78;Q80YA9 Connector enhancer of kinase sup; Cnksr2	21.9844	21.0195	10	101.68	111.19	29	0.38815	0.619422
A2AKH7;Q8JZX5;Q Leucine-rich repeat-containing pro; Lrrc57	22.5409	23.2666	6	24.132	15.94	37	0.162326	0.469168
Q6P6I7;A2AL12;Q5 Heterogeneous nuclear ribonucleo Hnrnpa3	26.9068	25.2742	20	34.376	323.31	264	0.11105	0.434203
Q8C048;A2ALL9;Q Calcium-transporting ATPase Atp2b3	26.27	23.518	40	125.71	323.31	169	0.214976	0.502862
A2ALV3;Q62420;Q Endophilin-A1 Sh3gl2	28.0444	26.349	20	48.295	323.31	679	0.219866	0.506922
I7HLV2;Q3THJ6;A2 60S ribosomal protein L10;60S ribo Rpl10;Rpl10l	24.589	25.2775	8	23.072	19.176	74	0.313122	0.574414
A2AMH3;A2AMH5;Choline transporter-like protein 1 Slc44a1	21.182	21.5243	5	59.117	36.11	18	0.712767	0.843459
Q80YU9;A2AN96;O Putative hydrolase RBBP9 Rbbp9	21.9669	20.7985	5	20.912	8.71	19	0.531518	0.728175
H3BIW6;F7C3A0;A2 Phosphoinositide phospholipase C; Plch2	21.7316	19.4592	7	125.78	14.728	8	0.000221	0.088836
A2AP31;Q3UIU2;A2 NADH dehydrogenase [ubiquinone Ndufb6	21.7084	22.8402	4	15.515	6.3184	25	0.555262	0.747325
D3Z781;B2RY09;E9 Sickle tail protein Etl4;Skt	21.0707	20.0336	5	146.61	9.3998	7	0.04151	0.364518
A2AQL0;Q9Z1W9;C STE20/SPS1-related proline-alanine Stk39	20.1331	21.3957	6	60.319	122.17	12	0.406736	0.640182
A2ARP8;Q9QYR6 Microtubule-associated protein 1A Map1a	29.2462	27.5513	97	325.88	323.31	1231	0.012961	0.297553
A2ASW8;A2ASW4;A Rap guanine nucleotide exchange f Rapgef4	22.0603	20.2814	9	99.503	27.253	11	0.028072	0.315471
A2ATI8;A2ATI6;Q3 Golgi reassembly-stacking protein ; Gorasp2	19.526	20.0085	3	33.903	4.9629	3	0.64326	0.799474
B6ZHC9;A2AUK5;Q Band 4.1-like protein 1 Epb4.1l1;Epb41	26.5951	24.7692	29	98.284	323.31	183	0.014473	0.298184
A2AWI7;A2AWI9;Q Endophilin-B2 Sh3glb2	23.5777	25.1945	14	44.907	323.31	111	0.094447	0.432411
A2BE93;Q5U445;Q Protein SET Set;BC085271	24.2709	21.382	4	24.923	41.123	30	0.184625	0.483213
F6RB63;Q05CD2;A2 PC4 and SFRS1-interacting protein Psip1	19.8795	22.1573	5	10.353	29.78	38	0.179944	0.480348

F6QYT9;A2CG49;A	Kalirin	Kalrn	22.1463	19.8987	13	270.65	39.235	13	0.055896	0.408293
A2RRK3;O54988	STE20-like serine/threonine-protein kinase	Slk	22.2199	19.7706	7	137.71	22.502	14	0.1099	0.434996
A2RS22;Q9WUM3	Coronin;Coronin-1B	Coro1b	23.7559	24.1099	11	53.912	62.311	44	0.482814	0.695236
A2RS23;Q11136	Xaa-Pro dipeptidase	Pepd	19.9982	22.0849	7	55.028	60.522	13	0.017671	0.322691
A2RS58;P47941	Crk-like protein	Crkl	20.2306	20.0008	5	33.83	26.7	18	0.821805	0.910159
A2RSB1;B7ZNL2;Q	Nucleosome assembly protein 1-like	Nap1l4	22.1618	23.2932	9	42.679	129.15	33	0.273326	0.539601
A2RSV8;P19783;M	Cytochrome c oxidase subunit 4 isoform 1	Cox4i1	28.1632	28.6073	10	19.53	233.64	535	0.507279	0.712585
B2RPY3;A2RT62	F-box/LRR-repeat protein 16	Fbxl16	23.5041	23.024	10	51.878	153.63	36	0.83326	0.914651
A2RTT4;P61089	Ubiquitin-conjugating enzyme E2 N-ubiquitin	Ube2n	26.5027	27.2993	9	17.138	36.508	180	0.323024	0.57742
B9EKJ1;A3KGU7;A3	Spectrin alpha chain, non-erythrocyte	Sptan1	31.5561	28.1141	186	285.18	323.31	4509	0.010473	0.285255
A3KML3;F6YY69;F6	14-3-3 protein theta	Ywhaq	28.1744	28.1251	18	27.778	323.31	382	0.952251	0.969752
E9Q9C5;Q8C1D9;A	V-type proton ATPase 16 kDa protein	Atp6v0c;Gm15c4	26.5926	25.4943	2	15.265	323.31	73	0.062264	0.420413
Q7M6W1;A3QM89	Reticulon	Rtn1	25.117	25.4894	7	23.557	16.349	196	0.250259	0.529863
A4FUS1;Q641N3;Q	40S ribosomal protein S16	Rps16	24.2142	25.6806	7	16.445	29.674	128	0.176711	0.4805
D3Z5I6;A4GZ26;E9	IQ motif and SEC7 domain-containing protein	lqsec2	23.0429	19.6035	13	128.02	49.598	16	5.15E-05	0.082797
A5CVE4;I1E4X8;B7	Stromal interaction molecule 2	Stim2	21.31	19.7587	3	83.924	9.1715	2	0.161885	0.469582
A5GZX3;Q9CPU0	Lactoylglutathione lyase	Glo1	25.3107	26.6516	10	20.809	54.316	208	0.212781	0.500643
A7VJ98;Q9CQI3;Q8	Glia maturation factor beta	Gmfb	23.0414	23.7914	5	16.722	12.824	35	0.699486	0.833265
Q3TMT4;Q3THE7;A	4-trimethylaminobutyraldehyde dehydrogenase	Aldh9a1	21.0767	21.847	7	53.529	90.002	20	0.669313	0.819806
A8DUK4;A8DUK7;A	Hemoglobin subunit beta-1	Hbbt1;Hbb-b1;Hbb	31.0305	32.0757	14	15.748	272.76	1512	0.339768	0.587104
A8IP69;P61982	14-3-3 protein gamma;14-3-3 protein	Ywhag	30.1445	29.9921	18	28.302	323.31	630	0.813324	0.906388
A9DA50;Q9D1T0	Leucine-rich repeat and immunoglobulin-like domain-containing protein	Lingo1	22.4266	21.5241	8	69.831	36.797	32	0.083372	0.434998
B0LAE3;Q9CSX6;P6	Pleiotrophin	Ptn	22.5413	23.0784	2	7.6919	2.6519	5	0.840711	0.920316
Q8CHR4;O35619;B	Vesicle-associated membrane protein 2	Vamp2;Vamp3	28.6799	29.2486	7	12.691	323.31	593	0.503112	0.708589
B0QZW1;F2Z488;C	Glutamate receptor 3	Gria3	22.3783	20.339	12	100.45	191.12	14	0.170603	0.474323
B0V2N1;Q3UNN3	Receptor-type tyrosine-protein phosphatase	Ptprs	22.8157	22.4691	17	211.9	122.15	40	0.681332	0.827589
B0V2P5;Q8BPN8;F	DmX-like protein 2	Dmxl2	27.6952	23.9942	92	340.69	323.31	493	0.052044	0.404034
H3BKL8;B1AQF4;Q	Dual specificity protein phosphatase	Dusp3	23.7922	24.987	3	16.013	41.339	43	0.029931	0.32281
B1AQX6;B1AQX7	SRC kinase-signaling inhibitor 1	Srcin1	25.9543	23.6056	48	126.99	323.31	184	0.000498	0.133349
B1AQZ0;B1AQY9;Q	Septin-8	Sept8	25.501	26.4171	19	55.874	323.31	134	0.113847	0.434567
Q3UJR6;B1AR28;P	Very long-chain specific acyl-CoA dehydrogenase	Acadvl	21.0062	21.1838	8	55.354	29.458	17	0.883036	0.932351
B1ARA3;Q4FZH2;P	60S ribosomal protein L26	Rpl26	23.3285	23.6729	6	12.217	12.686	64	0.813627	0.906097
E9QA63;B1ARU4;E	Microtubule-actin cross-linking factor	Macf1	24.2162	21.5889	38	831.93	123.75	55	0.10105	0.435353

Q3TEN9;Q3TET2;B: Glycerol kinase	Gyk;Gk	21.5086	22.1523	8	57.427	29.845	23	0.688511	0.831282
B1AT92;Q3U5I5;B: Growth factor receptor-bound protein 2	Grb2	25.1904	25.7126	12	23.587	35.01	112	0.192027	0.491382
Q6A075;Q3U8N2;B: Growth arrest-specific protein 7	Gas7	22.8013	21.8569	6	40.715	37.636	31	0.31894	0.578483
Q3MIA8;B1ATU4;G: COP9 signalosome complex subunit 1	Gps1	21.4441	22.6404	9	55.163	55.601	28	0.151141	0.46088
B1ATZ0;B1ATZ1;Q3: Hepatocyte growth factor-regulated tyrosine kinase	Hgs	21.1635	21.4702	9	85.778	68.325	25	0.830497	0.914742
B1AU25;Q9Z0X1;Q: Apoptosis-inducing factor 1, mitochondrial	Aifm1;Pdcd8	21.5667	20.7566	6	66.113	42.584	17	0.416373	0.650254
B1AW58;Q8BW96;C: Calcium/calmodulin-dependent protein kinase 1 delta	Camk1d	23.5581	22.2982	12	42.918	81.815	76	0.464381	0.684016
B1AWD8;B1AWD9;C: Clathrin light chain A	Clta	25.8918	24.5298	9	25.661	59.619	94	0.202211	0.497631
B1AWT2;B1AWT3;C: Ras-related GTP-binding protein C; Rags	Ragd;Ragc	19.8703	20.7298	5	45.145	7.2511	9	0.245555	0.532532
J7K287;G3F8Y7;Q8: Anion exchange protein;Sodium-dependent	Slc4a10	23.5336	21.5288	13	122.34	102.13	48	0.19084	0.489124
B1AX58;A0A1C7CY: Plastin-3	Pls3	22.7264	23.4252	16	71.745	73.297	58	0.339589	0.587427
B1AX98;E9PV22;Q5: Leucine-rich repeat-containing protein 47	Lrrc47	21.4229	21.9108	10	63.589	34.49	14	0.460679	0.680433
B1AXF2;Q8BUN9: Solute carrier family 24 (sodium/potassium)	Slc24a2	22.9419	21.2921	7	73.811	71.707	32	0.010314	0.285758
B1AZ46;Q3UKP6;Q: Brain-specific angiogenesis inhibitor 2	Baiap2	23.281	24.6403	20	57.681	323.31	155	0.133983	0.4495
B1GX80;B1GX81;Q: Non-specific serine/threonine protein kinase 3	Pak3	19.6608	22.8726	11	63.001	64.511	22	0.064163	0.420854
E9QMC2;B2BH30;C: Metabotropic glutamate receptor 5	Grm5	23.0884	20.8126	13	128.27	50.129	36	0.010885	0.277644
B2CY77;P14206: 40S ribosomal protein S4	Rpsa	24.67	23.9998	12	32.85	323.31	131	0.206006	0.499323
B2KGP3;Q80TLO: Protein phosphatase 1E	Ppm1e	25.4657	24.5723	16	83.418	197.37	97	0.313708	0.574833
B2M1R6;Q3U9Q3;Q3U6X2;H3BKD0;H3BKI8	Hnrnpk	26.3835	26.5266	20	48.562	323.31	333	0.881884	0.933589
B2M1R7;Q61990;C: Poly(rC)-binding protein 2	Pcbp2	23.1544	23.0361	11	38.15	51.991	87	0.937797	0.965432
Q3UWP8;B2MWM: Calreticulin	Calr	25.5301	26.8508	22	42.195	323.31	240	0.246502	0.532431
B2RPS1;Q0PD56;P6: Ras-related protein Rab-5B	Rab5b	21.7421	21.514	7	23.707	9.7409	17	0.873997	0.933232
B2RQQ5;P14873: Microtubule-associated protein 1B	Map1b	28.2764	26.701	70	270.3	323.31	703	0.042651	0.368493
B2RQQ7;Q7TT50: Non-specific serine/threonine protein kinase	Cdc42bpb	21.2035	21.929	8	194.73	89.123	11	0.549132	0.745317
K3W4L0;B2RRE2;E5: Unconventional myosin-XVIIIa	Myo18a	23.7331	21.4081	26	230.99	211.9	56	0.059135	0.413171
B2RRH9;Q3THK7: GMP synthase [glutamine-hydrolyzing]	Gmps	22.4194	21.6235	12	76.723	87.921	28	0.471444	0.689992
B2RRU7;Q9ESM3: Hyaluronan and proteoglycan link protein 2	Hapln2	21.77	21.0281	6	37.925	17.631	28	0.573782	0.755793
B2RRX2;P63328: Serine/threonine-protein phosphatase 3 catalytic	Ppp3ca	28.7849	29.4711	25	58.643	323.31	1075	0.201192	0.498174
F2Z3Z1;B2RRY8;Q8: Hippocalcin-like protein 4	Hpcal4	24.3811	24.7924	8	18.05	12.888	33	0.69679	0.833761
B2RS41;Q8BWF0: Succinate-semialdehyde dehydrogenase	Aldh5a1	25.7004	26.6014	19	55.968	323.31	211	0.140578	0.455462
B2RSC8;P46935: E3 ubiquitin-protein ligase NEDD4	Nedd4	20.7941	20.237	6	102.71	14.283	9	0.557767	0.74819
B2RSH2: Guanine nucleotide-binding protein gamma-1	Gnai1	24.9801	23.2202	16	40.361	323.31	130	0.382334	0.61626
B2RSN3;Q9CWF2: Tubulin beta-2B chain	Tubb2b	19.4017	22.6431	30	49.953	12.361	28	0.126587	0.444158

B2RSR7;Q3ULJ0	Glycerol-3-phosphate dehydrogenase Gpd1l	24.765	23.627	13	38.225	91.897	77	0.043321	0.368345
B2RSY3;Q640R3	Hepatocyte cell adhesion molecule Hepacam	23.9555	22.7483	8	46.366	76.951	48	0.42652	0.656531
B2RT97;Q9WVJ2;E!	26S proteasome non-ATPase regul: Psmd13	21.6061	21.8662	12	42.809	38.606	26	0.749016	0.865949
B2RTM0;P62806;Q	Histone H4 Hist2h4;Hist1h4	30.4525	31.6469	12	11.367	156.52	1266	0.284356	0.546602
Q3TSU7;B2RTN5;Q	Rho GTPase-activating protein 35 Arhgap35	21.1661	19.853	5	135.11	10.619	9	0.025164	0.311065
B2RUC7;Q9Z1Z2	Serine-threonine kinase receptor-a Strap	23.8509	22.4345	13	38.442	31.234	49	0.201581	0.497605
Q3TWM9;Q3UAS4;	Prosaposin Psap	23.426	21.5476	7	58.298	16.177	11	0.204401	0.499197
B2RUG6;P59764;Q	Dedicator of cytokinesis protein 4 Dock4	23.0949	21.7983	16	222.19	63.368	28	0.115683	0.43537
B2RVP5;Q3THW5;F	Histone H2A;Histone H2A.V;Histone H2afv;H2afz	22.753	23.5674	4	13.509	5.0631	41	0.749034	0.865347
Q3UGY4;Q3UGX2;E	Spectrin beta chain, erythrocytic Sptb	24.4449	20.7997	44	268.09	213.29	81	0.094501	0.431428
B2RXR2;Q8VD65;B	Phosphoinositide 3-kinase regulator Pik3r4	20.4418	20.0756	3	152.57	8.6875	3	0.597515	0.77436
B2RXT3;E9Q7L0	Oxoglutarate dehydrogenase-like Ogdhl	25.9355	24.3717	41	114.56	323.31	206	0.079899	0.427993
B2RXY7;P48758	Carbonyl reductase [NADPH] 1 Cbr1	26.2254	25.5212	19	30.641	323.31	330	0.345526	0.589447
B7U582;P17156	Heat shock-related 70 kDa protein Hspa2	23.8144	24.6874	27	69.723	273.53	85	0.068795	0.420358
B7ZCU2;B7ZCU5;Q	Abl interactor 1 Abi1	23.847	25.0997	17	43.174	228.81	106	0.09231	0.429978
B7ZNF6;E9QKH8;O	Catenin delta-2 Ctnnd2	23.0225	20.8964	17	132.36	40.426	42	0.03948	0.364624
B9EJ23;B7ZP42;O7	Peripheral plasma membrane protein Cask	23.5279	22.4586	18	100.19	59.239	32	0.03611	0.360428
Q545R3;Q3TSR4;B	Protein NDRG1 Ndr1	23.3837	22.558	8	43.008	97.625	39	0.556797	0.748137
B9EKE9;B7ZW71;Q	ATP-dependent RNA helicase DDX3 Ddx3x;D1Pas1	23.2087	22.4619	14	73.013	182.13	42	0.550298	0.746269
B9EHN0;Q02053	Ubiquitin-like modifier-activating enzyme Uba1	28.1832	27.391	49	117.81	323.31	932	0.34709	0.591489
B9EHZ5;Q3UN60;Q	MAGUK p55 subfamily member 6 Mpp6	21.692	23.5048	17	60.924	169.31	45	0.090951	0.431146
B9EIC7;Q8K0S0	Phytanoyl-CoA hydroxylase-interactor Phyhip	26.1807	25.4098	15	37.554	243.51	285	0.053631	0.406535
B9EIE9;P46664	Adenylosuccinate synthetase isoform Adss	20.2055	21.3109	7	50.02	41.573	14	0.252379	0.528091
Q6TLW2;Q3UH37;E	Neuronal pentraxin receptor Nptxr;Npcd	22.02	21.6871	7	45.582	20.176	13	0.726313	0.853829
B9EJ29;Q80UG2	Plexin-A4 Plxna4	23.4038	21.8852	21	212.23	84.921	55	0.146648	0.459383
R7RU63;R7RVD4;B	Cortactin-binding protein 2 Cttncp2	22.5052	22.3799	13	67.548	55.385	21	0.893875	0.937635
G3UYU6;G3UX60;G	Protein-tyrosine-phosphatase;Receptor Ptprd	21.6911	20.2412	15	168.34	22.583	13	0.069685	0.422583
E9Q8N5;Q08EB6;Q	CLIP-associating protein 2 Clasp2	23.0463	20.275	19	140.72	86.359	31	0.029486	0.320157
B9EKK3;Q3UQ44	Ras GTPase-activating-like protein Iqgap2	20.8531	20.1178	12	180.55	37.563	16	0.557482	0.748433
B9EKR1;Q9WUT8;A	Receptor-type tyrosine-protein phosphatase Ptpbz1	26.1496	25.3214	17	254.4	181.78	171	0.337681	0.587287
Q3U7U8;C5H0E8;P	Ras-related protein Rap-1A Rap1a;Gm9392	21.7929	22.8936	7	20.846	3.8978	23	0.530278	0.728339
C7G3P1;P60469;AC	Liprin-alpha-3 Ppfia3	23.8924	21.8002	29	138.53	244.74	74	0.107848	0.433281
Q6P9M2;Q7TNB5;C	9K0Y4 Gria1	25.3693	23.197	23	101.46	310.27	158	0.252148	0.530369

Q3UVR2;C9K0Z6;O Ciliary neurotrophic factor recepto	Cntfr	22.9099	22.4607	4	40.85	70.761	25	0.613219	0.782098	
D0VYV6	Band 4.1-like protein 3	Epb4.1l3	27.5509	25.605	51	101.42	323.31	392	0.001976	0.151192
F7AAP4;D1FNM8;H Calcium-transporting ATPase	Atp2b4	24.0446	21.493	29	128.56	240.49	48	0.149658	0.458097	
Q9JMF0;D2DFA9;Q G-protein coupled receptor family	Gprc5b	21.3762	20.9812	3	29.305	11.417	10	0.803327	0.902128	
D2KHZ9;P16858;AC Glyceraldehyde-3-phosphate dehyd	GAPDH;Gapdh;G	32.0599	31.3545	20	35.81	323.31	3096	0.158506	0.469097	
F6VQH5;D3YTQ3;Q Heterogeneous nuclear ribonucleo	Hnrnpdl	20.8806	20.3832	6	35.534	10.798	24	0.741775	0.862541	
Q3UEQ1;E9Q9A0;F Type I inositol 3,4-bisphosphate 4- $\mu$	Inpp4a	21.7763	21.9163	8	99.971	66.852	14	0.878397	0.93297	
D3YUM1;Q91YT0;C NADH dehydrogenase [ubiquinone	Ndufv1	25.7316	26.9512	24	49.913	323.31	335	0.034084	0.346666	
D3YUP9;D6QSS8;Q Disintegrin and metalloproteinase	Adam22	23.2966	23.4928	13	99.558	107.73	52	0.745269	0.86348	
Q3TDT0;D3YUY7;Q Tripartite motif-containing protein	Trim3	23.2939	22.124	8	78.271	125.01	18	0.16983	0.473814	
D3YVC1;Q58EU3;Q 40S ribosomal protein S2	Rps2;Gm6576;C	23.5352	22.4072	9	28.601	27.808	42	0.349597	0.5945	
H3BIV5;D3YVF0	A-kinase anchor protein 5	Akap5	24.2529	21.4035	14	80.202	323.31	47	0.043317	0.370267
D3YVI6;D3Z440;Q9 COP9 signalosome complex subuni	Cops7a	21.861	21.3282	6	19.532	29.969	32	0.665506	0.817636	
D3YVV1;Q8VEK0	Cell cycle control protein 50A	Tmem30a	20.3049	21.216	4	37.178	6.5627	13	0.463629	0.683534
D3YXZ3;Q91YS4;O $\xi$ Kinesin light chain 2	Klc2	20.9861	21.696	14	68.176	23.677	16	0.369739	0.604447	
D3YYD5;D3Z645;Q $\xi$ Vacuolar protein sorting-associater	Vps29	24.9544	25.3191	5	13.723	33.612	80	0.473834	0.688473	
D3YYE1;D3Z7M9;O Acidic leucine-rich nuclear phospho	Anp32a	25.8351	26.3275	11	22.954	93.362	131	0.458586	0.678588	
F8SLP9;F8SLQ5;F8S PEX5-related protein	Pex5l	20.1673	23.2092	10	63.138	23.431	21	0.075482	0.422647	
D3YYK8;E9Q6X0;Q $\xi$ Microtubule-associated protein RP	Mapre2	23.5594	22.2379	11	29.425	199.7	52	0.502294	0.708679	
E9Q3B9;D3YYS6;Q $\xi$ Monoglyceride lipase	Mgll	24.5568	22.6821	11	35.256	51.871	64	0.091489	0.431151	
D3YYT0;Q8BSI9;Q3 Cadherin-2	Cdh2	22.8977	20.4116	9	93.856	60.625	18	0.02892	0.320514	
D3YZ62;D3Z4J3;Q9 Unconventional myosin-Va	Myo5a	27.1816	22.5191	78	212.33	323.31	358	0.037256	0.35426	
D3YZI9;D3Z077;G3 $\beta$ PiggyBac transposable element-dei	Pgbd5	20.6314	20.5094	5	58.3	37.62	9	0.881997	0.933094	
D3YZJ1;Q64337	Sequestosome-1	Sqstm1	20.2753	20.9344	3	41.683	12.378	6	0.337997	0.587201
D3YZU5;D3YZU4;D $\xi$ SH3 and multiple ankyrin repeat dc	Shank1	23.0699	21.0673	18	225.46	84.173	28	0.120153	0.437836	
D3Z041;P41216;F6 Long-chain-fatty-acid--CoA ligase 1	Acs1l	19.8069	20.5188	4	78.034	4.5707	5	0.166248	0.47285	
D3Z2Q2;D3Z079;Q $\xi$ Syntaxin-binding protein 5	Stxbp5	23.7342	20.7726	13	121.71	75.285	38	0.129188	0.445505	
D3Z0F5;Q3UIT2;O8 COP9 signalosome complex subuni	Cops6	23.6356	21.4257	10	33.591	62.133	58	0.103425	0.4317	
D6Q0F3;D3Z0M6;C Cytoplasmic dynein 1 intermediate	Dync1i1	24.0035	23.1123	9	70.675	52.709	45	0.24815	0.530996	
D3Z0S6;Q9CXX7;Q $\xi$ U1 small nuclear ribonucleoproteir	Snrpa	20.4968	21.5124	4	27.372	8.6327	12	0.242982	0.531255	
D3Z1H9;Q7TMS6;C Glycolipid transfer protein	Gltp	22.2948	21.7954	3	21.535	4.8178	9	0.756006	0.868408	
F6QL70;Q5M8M8;I 60S ribosomal protein L29	Gm17669;Rpl2 $\xi$	24.9138	25.6921	4	16.966	9.43	30	0.262889	0.534763	
D3Z2J6;Q9D710	Thioredoxin-related transmembrar	Tmx2	22.1412	19.7834	3	29.591	24.544	18	0.005794	0.221689

D3Z3M7;D3Z2Z1;F8 CAP-Gly domain-containing linker 1	Clip1	20.809	19.7208	12	148	38.876	11	0.559065	0.748057
D3Z396;Q8BG33;Q Neurotrimin	Ntm	24.8659	24.8696	8	34.954	89.993	73	0.99711	0.997731
D3Z3B8;Q3UP61;H Disks large homolog 1	Dlg1	22.2626	19.7032	20	91.622	130.26	24	0.023994	0.313479
D3Z494;Q8BIV6;G5 Aldose reductase-related protein 2	Akr1b10;Akr1b10	23.7813	21.0746	8	32.745	20.404	30	0.134139	0.449086
D3Z4B2;Q9CWZ7;C Gamma-soluble NSF attachment protein	Napg	26.2843	24.5258	13	39.366	156.2	268	0.158713	0.468847
D3Z6F4;E9QAR5;D8 Disks large-associated protein 1	Dlgap1	21.3385	20.8042	5	74.209	15.885	7	0.662179	0.814795
D3Z5I7;E9QN98;Q6 Inactive dipeptidyl peptidase 10	Dpp10	22.1213	20.6183	15	89.99	30.106	21	0.036222	0.359312
D3Z5R4;E9Q2D0;P1 WAS/WASL-interacting protein family	Wipf3	23.1809	22.6147	5	45.137	88.348	46	0.69542	0.833985
E9Q7S0;F7BQW7;D Synaptojanin-1	Synj1	28.2295	25.3378	58	144.59	323.31	679	0.07441	0.42706
D3Z6I8;E9Q7Q3;Q8 Tropomyosin alpha-3 chain	Tpm3	21.9455	20.5272	23	28.723	3.6498	8	0.501136	0.70829
D3Z7C6;Q9CRH1;Q Prostaglandin E synthase 3	Ptges3	24.6219	25.8331	6	14.982	14.653	57	0.103698	0.431717
D3Z7E5;Q2NL51 Glycogen synthase kinase-3 alpha	Gsk3a	21.234	21.3666	11	51.245	56.306	24	0.933496	0.961621
D3Z7P3;D3Z7P4 Glutaminase kidney isoform, mitochondrial	Gls	26.8377	27.4907	34	73.963	323.31	427	0.252877	0.527074
E0CXA9;Q3UGM5;C MOB-like protein phosphatase	Mob4	21.8961	22.1231	6	23.513	23.85	33	0.86707	0.931404
E0CXB9;Q61301 Catenin alpha-2	Ctnna2	24.953	24.0418	33	106.73	323.31	116	0.116658	0.434965
E0CXN5;P13707 Glycerol-3-phosphate dehydrogenase	Gpd1	24.6293	22.1602	12	35.231	87.998	88	0.276414	0.543029
E0CY16 Cell adhesion molecule 1	Cadm1	23.8624	23.5393	9	42.892	224.46	75	0.604744	0.780581
E0CYB9;Q6PCP5;F7 Mitochondrial fission factor	Mff	21.0471	21.7966	4	35.878	44.593	31	0.266422	0.536517
Q6P6I8;E0CYM8;Q1 Tyrosine-protein phosphatase non-receptor	Sirpa;Ptpns1	25.7017	24.3711	13	55.986	323.31	193	0.531311	0.728512
Q545L9;F7D432;E9 Protein-L-isoaspartate O-methyltransferase	Pcmt1	25.5217	26.6439	14	24.634	143.62	145	0.14723	0.458526
E0CZ27;P84244;P0 Histone H3;Histone H3.3;Histone H3f3a;H3f3c;Histone H3f3d		29.9362	29.6617	5	13.322	210.07	351	0.751895	0.866161
E0CZ72;P28740;F8 Kinesin-like protein;Kinesin-like protein	Kif2a	22.5791	21.342	17	83.86	101.66	36	0.157611	0.468173
E0CZ78;P48453;G3 Serine/threonine-protein phosphatase	Ppp3cb	24.6018	25.5554	19	59.074	245.47	136	0.088843	0.43264
Q3U967;E5Q371;Q Leukocyte surface antigen CD47	Cd47	21.232	23.485	3	33.097	60.753	30	0.140367	0.456618
F6U8X4;F6U6U5;F6 Serine/threonine-protein kinase SII	Sik3	20.6637	20.7489	7	56.975	13.231	9	0.943252	0.96733
E9PUC5;F6Z9E6;A0 PH and SEC7 domain-containing protein	Psd3	24.8506	25.0429	20	42.299	207.05	96	0.782835	0.886551
E9PUE7;Q5SSL4 Active breakpoint cluster region-receptor	Abr	24.2341	21.8551	23	92.486	175.72	64	0.088259	0.432414
E9PUL5 Proline-rich transmembrane protein	Prpt2	23.6873	23.9356	7	35.923	159.31	49	0.449973	0.670786
E9PUM4;B2RY15;Q Talin-2	Tln2	24.6416	21.2455	40	271.66	323.31	83	0.077915	0.427337
E9PUW7;Q9EPK7 Exportin-7	Xpo7	22.06	20.7012	10	123.9	31.875	11	0.00284	0.190136
Q2M4H5;E9PV12;C Cullin-5	Cul5	21.0557	20.7244	8	90.973	66.317	17	0.808171	0.90315
E9Q175;E9Q3L1;E9 Unconventional myosin-VI	Myo6	22.6647	21.3355	12	144.77	38.527	17	0.012511	0.291374
Q3TF41;Q8BSH9;E5 Nucleosome assembly protein 1-like	Nap1l1	20.9446	22.9575	6	42.732	22.953	20	0.023798	0.313474

Q3TT92;E9PWE8;Q Dihydropyrimidinase-related prote	Dpysl3	24.6984	25.8899	25	61.779	323.31	129	0.075512	0.421344
Q91ZE6;Q8VIE5;E9PX29;Q8VBX2;E9PZC2	Sptbn4	20.3018	19.8668	9	288.13	19.641	6	0.745025	0.86382
E9PXG9;Q3UDN2;C Vacuolar protein sorting-associate	Vps53	20.915	19.8423	5	91.121	112.33	5	0.14258	0.455518
F8VPX1;E9PXY8;Q6 Ubiquitin carboxyl-terminal hydroli	Usp7	23.1764	21.537	10	128.47	27.458	36	0.083473	0.434114
E9PY16;Q6PGM4;Q8BVR8;B7ZMY4;Q8BVS1	Adap1	21.7931	21.5537	10	43.37	35.721	29	0.882271	0.932769
E9QMK2;E9PYH0;C Versican core protein	Vcan	22.9813	23.9932	10	178.5	317.73	61	0.193922	0.49231
E9PYH2;Q91V12 Cytosolic acyl coenzyme A thioeste	Acot7	26.774	25.9419	10	42.826	156.41	360	0.138343	0.454638
Q80UN0;E9PYI8;Q Ubiquitin carboxyl-terminal hydroli	Usp14	22.1276	23.531	11	52.233	62.749	26	0.057318	0.413049
E9PYJ7;Q6ZPQ6;Q Membrane-associated phosphatidy	Pitpnm2	20.7463	19.8617	7	147.62	11.204	7	0.342433	0.589175
Q8VC94;E9PZB3;E9 60S ribosomal protein L11	Rpl11;Gm5093;	23.1322	25.0374	4	19.024	20.498	83	0.016691	0.31556
Q1WIL9;E9PYN1;Q Cell adhesion molecule 1	Cadm1	21.464	21.4047	9	46.875	4.1658	7	0.965849	0.977406
E9PYX7;E9Q852;E9 Afadin	Mllt4	21.2033	20.2935	8	188.9	24.047	10	0.315207	0.574957
E9PZ43;A0A0G2JDI Microtubule-associated protein	Map4	25.7302	25.1555	25	97.795	191.99	149	0.351432	0.593226
E9PZ88;F8WIE1;Q8 Alpha-mannosidase;Alpha-mannos	Man2c1	20.2906	19.4168	3	104.68	5.6022	6	0.173674	0.4779
Q3U6G1;E9PZC3;Q Flavin reductase (NADPH)	Blvrb	21.2766	22.3641	4	22.197	8.3506	24	0.446124	0.668146
E9PZF0;Q5NC79;Q Nucleoside diphosphate kinase;Nuc	Gm20390;Nme	28.8538	29.3636	14	30.2	134.98	622	0.634006	0.794733
E9Q0J5;Q9QXL2;Q Kinesin-like protein;Kinesin-like pr	Kif21a	24.4794	22.0716	23	186.63	251.03	55	0.027561	0.316362
E9Q0N0;Q9Z0R4;E Intersectin-1	Itsn1	22.1312	20.288	8	194.89	108.03	13	0.103717	0.430679
E9Q0W6;Q19VH2;E Actin-binding LIM protein 2	Ablim2	20.4067	19.6304	6	67.285	12.064	8	0.403688	0.636631
E9Q1G8;Q8C2A3;E Septin-7	Sept7	26.4164	27.9131	21	50.648	323.31	457	0.021672	0.310949
E9Q1S3;Q8C1E4;Q Protein transport protein Sec23A	Sec23a	21.7767	20.7655	8	82.955	21.272	21	0.496085	0.704247
E9Q1W0;E9Q1T1;E Calcium/calmodulin-dependent pr	Camk2d	23.1544	21.5568	20	57.748	135.34	39	0.271118	0.539216
Q8K4W7;Q8K4W9; Chloride channel protein;H(+)/Cl(-)	Clcn3	21.0789	20.6618	2	87.677	4.4502	13	0.587038	0.768843
Q6NZM3;E9Q3M3; Dynactin subunit 1	Dctn1	25.9386	22.558	35	139.78	323.31	150	0.015434	0.306205
E9Q3M9;F7B0R9;Q6GQT3;Q8K303	2010300C02Rik	23.6532	21.2567	14	125.91	46.167	28	0.001449	0.145579
E9Q4G8;E9Q3Q6;C CD166 antigen	Alcam	22.5177	22.8827	11	61.9	50.119	34	0.43808	0.664773
H7BX15;E9Q9Q9;E Latrophilin-1	Adgrl1;Lphn1	20.9648	19.3342	7	162.28	31.134	13	0.027601	0.314576
F6U7V1;E9Q401 Ryanodine receptor 2	Ryr2	24.9189	21.6697	38	564.73	176.92	80	0.071058	0.422925
E9Q4M4;Q91VN4;C MICOS complex subunit Mic25	Chchd6	24.4848	24.4485	9	26.388	80.897	65	0.913219	0.948638
Q7TMY2;E9Q5L3;Q Short/branched chain specific acyl-	Acadsb	21.7451	20.813	6	47.878	51.712	15	0.166673	0.473221
Q6P1F1;E9Q6B6;E C-Jun-amino-terminal kinase-inter	Mapk8ip3	21.429	20.5038	6	143.41	7.9032	7	0.006399	0.223546
E9Q6P5;Q3UFQ5 Tetratricopeptide repeat protein 7	Ttc7b	22.3464	20.0678	13	94.202	44.902	22	0.029268	0.319956
Q3UZ06;E9Q6R3;O Vesicle-trafficking protein SEC22b	Sec22b	21.641	20.8711	5	18.946	15.306	16	0.355167	0.597648

Q5UE59;E9Q7C9;Q Kinesin light chain 1	Klc1	21.9335	23.0676	14	61.629	119.6	35	0.143502	0.457555
Q564F2;E9Q7K1;Q' Guanylate kinase	Guk1	21.8269	21.1115	3	21.918	6.861	15	0.607446	0.780933
E9Q8I9 Protein furry homolog	Fry	22.2903	21.4147	6	339.09	8.433	15	0.273274	0.540826
E9Q8N8;A2VDF7;A Anion exchange protein;Electrogen	Slc4a4	26.0421	22.499	21	123.08	323.31	179	0.161794	0.470167
Q3TU36;E9Q912;Q3TPS9;Q3TA69;Q3TLU4	Rap1gds1	25.6036	26.8691	29	66.005	323.31	316	0.025653	0.312307
E9Q933;Q8BK08;Z' Transmembrane protein 11, mitocl	Tmem11	21.2019	21.0618	3	19.808	5.7558	17	0.910182	0.948549
E9Q9C4;E9Q9C0;E' Actin-binding LIM protein 1	Ablim1	21.5181	21.6876	7	77.222	22.22	12	0.858662	0.926087
G3X9J6;E9Q9M1;Q Cytosolic purine 5-nucleotidase	Nt5c2	19.9477	20.3376	4	67.764	9.1846	5	0.518696	0.719193
Q5KU03;E9QAQ5;C Glycogen synthase kinase-3 beta	Gsk3b	23.6818	24.489	15	46.71	277.98	59	0.269062	0.53579
Q5M8Q0;Q3U7D2; Ribosomal protein L15;60S ribosom	Rpl15;Gm1002C	24.1551	24.2818	9	24.146	24.536	47	0.844104	0.918399
E9QB01 Neural cell adhesion molecule 1	Ncam1	22.1921	19.6229	26	93.619	18.065	12	0.095695	0.430762
E9QB02;Q68FL6 Methionine--tRNA ligase, cytoplasmic	Mars	22.4908	20.829	7	102.37	36.615	11	0.179289	0.481802
E9QK48;Q7TNG5;D Echinoderm microtubule-associate	Eml2	21.3957	20.6191	5	90.791	16.51	6	0.138072	0.454677
E9QKB2;Q9JKS5 Intracellular hyaluronan-binding protein	Habp4	19.6433	21.2254	2	45.965	3.8971	8	0.008714	0.264212
Q3TPI3;Q3UHH4;Q Tripartite motif-containing protein	Trim2	22.3335	22.4888	13	81.426	158.74	45	0.923517	0.956245
E9QLL2;Q8BZ98;Q' Dynamin-3	Dnm3	23.3134	22.8148	32	97.272	147.23	80	0.697837	0.832535
E9QM38;P55012 Solute carrier family 12 member 2	Slc12a2	22.228	20.8581	9	130.67	48.55	10	0.013443	0.295927
Q05D16;E9QMY1;C OX-2 membrane glycoprotein	Cd200	22.0359	22.9663	6	16.76	23.201	30	0.38111	0.616141
E9QNF7;Q9CPW0 Contactin-associated protein-like 2	Cntnap2	22.8026	20.9228	8	148.25	61.285	17	0.194005	0.491744
G5E8R3;Q3TCQ3;Q Pyruvate carboxylase;Pyruvate carboxylase	Pcx;Pc	25.8348	24.003	36	129.7	323.31	188	0.051566	0.402262
Q923F9;E9QPX3;Q' NADH dehydrogenase [ubiquinone]	Ndufs4	24.5212	24.4463	4	18.518	10.487	64	0.940246	0.96548
F6QKK2;Q8VEH3 ADP-ribosylation factor-like protein	Arl8a	24.433	24.3643	6	18.756	23.274	94	0.88648	0.93476
F6RJV6;Q9JJK2 LanC-like protein 2	Lancl2	22.1197	22.5087	15	49.742	121.75	45	0.827134	0.912915
F6RT34;F7A0B0;Q0 Myelin basic protein	Mbp	32.9038	32.9983	13	23.086	323.31	2160	0.882596	0.932499
F6SEU4;A0A0A6YV' Ras/Rap GTPase-activating protein	Syngap1	27.1491	25.4608	49	148.24	323.31	433	0.005286	0.217801
F6VQ81;Q8BKP1;A' Tumor protein D54	Tpd52l2	23.1567	23.5212	7	17.619	26.085	39	0.521722	0.719664
F6YSQ2;Q91VL2;Q' Thyroid hormone receptor-associated	Thrap3	20.649	19.8631	2	15.542	6.7667	4	0.099479	0.434408
S4R1N6;Q561N5;F' 40S ribosomal protein S18	Rps18;Gm1026C	25.4666	25.7499	8	12.483	25.633	122	0.765961	0.876085
Q8C446;F6ZYH6;P6 Gamma-aminobutyric acid receptor	Gabrb3	22.405	20.8039	6	54.282	26.017	25	0.147596	0.457007
S4R1E5;Q3TI34;Q5' Glutathione peroxidase;Phospholipase	Gpx4;PHGPx	22.1224	22.4369	4	17.937	11.509	47	0.891292	0.93676
Q8C0B4;F7BNZ5;Q' Breast carcinoma-amplified sequence	Bcas1	20.9536	22.2132	5	40.541	9.6663	15	0.4392	0.665217
F7CZ64;Q8VHW2 Voltage-dependent calcium channel	Cacng8	24.958	24.2499	9	43.418	198.08	79	0.29754	0.554053
F8VPN4;A0A0G2JG Amylo-1,6-glucosidase, 4-alpha-glucan	AgI	23.142	21.046	19	174.29	89.523	46	0.004393	0.213921

F8VPU2;Q8K2R0	FERM, RhoGEF and pleckstrin dom: Farp1	21.6837	20.4341	10	118.87	79.542	15	0.168601	0.472025
F8VQE9;Q8VHH5;A	Arf-GAP with GTPase, ANK repeat : Agap3	22.6607	22.1609	9	97.694	144.3	51	0.761142	0.872435
S4R255;F8WGF2;Q	Nitric oxide synthase;Nitric oxide s: Nos1	22.0501	19.9672	8	160.05	53.79	14	0.015774	0.305412
F8WGT1;Q68FL4;Q	Adenosylhomocysteinase;Putative Ahcyl2	22.3615	20.6106	15	66.771	108.8	17	0.164406	0.47263
Q3UHH0;Q3UHH3;F	Calcium-transporting ATPase;Plasrn Atp2b2	26.6155	23.5026	45	132.1	323.31	221	0.222632	0.509643
Q8BTF0;F8WHL2;Q	Coatomer subunit alpha;Coatomer Copa	21.7004	20.5288	10	138.52	19.536	15	0.01496	0.30432
F8WHQ1;D3Z637;C	Tumor protein D52 Tpd52	21.2542	22.6113	5	26.927	11.389	21	0.242819	0.532347
F8WHW6;O70161	Phosphatidylinositol 4-phosphate 5 Pip5k1c	24.7905	24.6811	19	75.515	265.03	99	0.870484	0.933824
F8WI90;P05480;Q3	Neuronal proto-oncogene tyrosine Src	20.0915	22.6208	11	59.89	76.467	26	0.050346	0.394661
F8WIK0;Q8WTY4;F	Anamorsin Ciapin1	21.5204	20.1879	5	33.429	32.037	9	0.332788	0.583196
Q3U7I9;F8WIR1;Q3	Cathepsin D Ctsd	23.8476	23.9713	10	44.314	79.865	63	0.612416	0.781694
F8WIT2;Q3UI56;P1	Annexin;Annexin A6 Anxa6	25.2374	25.6759	30	75.288	323.31	247	0.280816	0.545674
Q4FJQ6;Q3U3L3;F8	Serpin B6 Serpinb6a;Serpi	21.4584	20.8369	6	42.598	20.841	23	0.636943	0.794695
F8WJ41;Q5M9M4;I	40S ribosomal protein S15a Rps15a	23.5175	24.0435	4	12.31	22.995	32	0.339062	0.587148
F8WJK8;Q3U9V1;Q	Hsc70-interacting protein St13	23.1129	23.8619	8	40.538	54.988	86	0.323384	0.577419
G3UX26;Q60930;D	Voltage-dependent anion-selective Vdac2	28.0991	27.243	12	30.446	323.31	742	0.201772	0.497313
Q3TI27;G3UXL2;Q9	Ribose-phosphate pyrophosphokin Prps1;Prps1l3	24.6158	24.2288	13	34.865	131.87	150	0.660412	0.813243
G3UXT7;Q8CFQ9;Q	RNA-binding protein FUS Fus	22.6773	24.0178	8	13.897	37.404	32	0.115039	0.434984
G3UXY0;G3UXZ5;Q	Proteasome activator complex sub Psme1	22.3088	22.3214	6	26.092	8.785	22	0.989793	0.992262
G3UYQ2;G3UZT6;C	Large proline-rich protein BAG6 Bag6	21.14	19.9197	7	113.37	72.02	11	0.284079	0.54738
G3UZM4;Q8BLQ9	Cell adhesion molecule 2 Cadm2	24.6304	25.393	12	47.345	323.31	109	0.081085	0.432903
Q9CQG4;Q921E4;C	Receptor expression-enhancing prc Reep5	24.4866	23.1665	8	21.086	41.003	52	0.457982	0.67832
G3X8Y3;A0A0A6YM	N-alpha-acetyltransferase 15, NatA Naa15	21.0871	20.9694	5	101.09	9.4204	5	0.778211	0.882558
G3X9A7;Q8BLJ3;B2	PI-PLC X domain-containing proteir Plcx3	20.4565	20.1767	4	36.314	10.455	12	0.801372	0.901824
G3X9G2;Q9JM52;F	Misshapen-like kinase 1 Mink1	24.5429	21.9161	22	151.22	170.27	58	0.122439	0.439196
G3X9H5;P42859	Huntingtin Htt	22.8594	21.0257	14	344.78	90.411	20	0.170402	0.474586
G3X9L6;Q9DCX2;B	ATP synthase subunit d, mitochondonc Gm10250;Atp5l	28.0194	28.6783	10	18.621	108.88	327	0.112054	0.433904
G3X9V4;Q01097	Glutamate receptor ionotropic, NM Grin2b	24.7267	21.5296	23	165.99	133.04	65	0.054596	0.409984
G3XA10;Q3ULH5;Q	Heterogeneous nuclear ribonucleo Gm28062;Hnrrn	25.9533	23.1564	19	86.805	323.31	160	0.026818	0.314578
G3XA25;Q8CAY6;Q	Acetyl-CoA acetyltransferase, cyto: Acat2;Acat3	22.2784	21.9708	7	38.147	50.785	41	0.740668	0.861878
Q3UVV3;G3XA53;C	Oligodendrocyte-myelin glycoprote Omg	24.8237	24.1581	8	49.283	284.04	73	0.590051	0.770903
G5E814;Q9D8B4;Q	NADH dehydrogenase [ubiquinone Ndufa11	21.8708	19.3445	3	15.115	5.5203	13	0.222838	0.509389
G5E829;Q8K314	Plasma membrane calcium-transpc Atp2b1	28.7332	23.074	47	134.75	323.31	885	0.154136	0.464722

G5E850;Q544Z9;P5 Cytochrome b5	Cyb5a	20.9619	22.0224	2	11.142	5.239	16	0.611587	0.7825
G5E881;Q3TUH1;G Phosphatidate cytidyltransferase	Tamm41	20.6558	19.8168	3	37.896	7.9282	4	0.156065	0.467905
G5E884;O88643 Non-specific serine/threonine prot	Pak1	24.1008	25.3397	16	60.607	301.76	111	0.027945	0.316247
G5E8H1;Q4LG64;E9QKCO;C9K0Z1;A0A0A6YW90;Q80V	Gria2	26.5467	24.1489	35	98.76	323.31	242	0.189646	0.486839
G5E8R0;E9Q453;G! Tropomyosin alpha-1 chain	Tpm1	25.3983	25.5608	21	28.343	91.06	172	0.734919	0.857672
G5E924;Q3UMT7 Heterogeneous nuclear ribonucleo	Hnrnp1	24.9208	24.7767	16	66.821	323.31	106	0.791145	0.894072
H3BJU7;H3BJX8;H3 Rho guanine nucleotide exchange f	Arhgef2	23.6699	21.5843	19	108.59	200.48	51	0.052291	0.403996
H3BKQ7;Q7TSA7;H3BJD0;Q3UUK5;H3BL28;Q7TN74;H:	Ppp1r9a	22.1819	20.0479	10	107.17	73.875	16	0.020473	0.31634
H3BJZ7;Q4KUS2 Protein unc-13 homolog A	Unc13a	22.611	20.7194	14	195.83	112.5	27	0.113035	0.433528
H3BKH6;Q9R0P3;H S-formylglutathione hydrolase	Esd	24.2915	24.2603	11	32.829	162.36	86	0.978926	0.985056
Q3TPT3;H6RXZ1;P4 Synaptotagmin-1	Syt1	27.3202	28.3765	21	47.435	323.31	678	0.062223	0.421909
Z4YL87;H7BWY8;Q Pre-rRNA-processing protein TSR2	Tsr2	21.1227	20.835	2	21.022	2.6945	6	0.773275	0.880066
H7BX95;Q6PDM2 Serine/arginine-rich splicing factor	Srsf1	22.5561	20.7467	8	28.329	21.293	44	0.285629	0.545787
I1E4X7;Q9JI46;H3B Diphosphoinositol polyphosphate p	Nudt3	24.9956	25.6151	6	17.828	35.219	111	0.019227	0.321852
J3QMM7;K3W4M4 ATP-dependent (S)-NAD(P)H-hydra	Carkd	22.9896	21.0777	9	35.169	82.049	48	0.264599	0.534184
J3QNU6;Q8BWG8;I Beta-arrestin-1	Arrb1	20.4261	21.6959	4	47.106	24.162	7	0.255788	0.529023
K3W4Q8;O55108;C Basigin	Bsg	23.339	23.703	9	24.116	180.47	78	0.804828	0.901295
Q6NXX6;K3W4T3;C V-type proton ATPase subunit a;V-i	Atp6v0a1	28.3995	23.7245	31	95.64	323.31	743	0.137108	0.455233
K4DI58;Q99N28 Cell adhesion molecule 3	Cadm3	25.1306	25.2504	10	46.692	271.22	106	0.876174	0.932458
Q9D859;Q8BPG5;K Ras-related C3 botulinum toxin su	Rac1;Rac3	27.8355	28.5014	10	21.464	74.029	531	0.292495	0.549754
K7QD41;Q9QVP9;C Protein-tyrosine kinase 2-beta	Ptk2b	25.8864	23.996	41	115.79	323.31	172	0.020503	0.313787
N0E4C0;N0E4C5;P6 Casein kinase II subunit beta	Csnk2b;Csnk2b-	22.1628	23.4675	4	24.912	21.587	37	0.386102	0.617994
Q3U8S5;Q3U3A8;C Calpain-2 catalytic subunit	Capn2	22.876	21.7031	8	79.873	46.492	20	0.458742	0.678195
O08539;Q6P1B9 Myc box-dependent-interacting pr	Bin1	25.9709	25.8707	23	64.469	323.31	203	0.927435	0.958449
O08553 Dihydropyrimidinase-related prote	Dpysl2	30.8057	31.9912	33	62.277	323.31	3467	0.046884	0.382449
O08583;Q4KL64;G6 THO complex subunit 4;Aly/REF ex	Alyref;Alyref2;R	23.2806	21.7522	2	26.94	3.5502	20	0.34363	0.589972
O08599 Syntaxin-binding protein 1	Stxbp1	29.6798	30.0259	49	67.568	323.31	1797	0.322006	0.577527
O08641 SH3 domain-containing YSC84-like	Sh3yl1	22.8734	20.0083	1	37.028	2.6175	12	0.261728	0.534431
O08749;Q3TIE8 Dihydrolipoyl dehydrogenase, mitc	Dld	27.5383	28.2222	20	54.272	323.31	500	0.157818	0.467921
Q3U518;Q3TWG2;I Glucosidase 2 subunit beta	Prkcsh	22.5888	21.2089	6	58.792	61.454	13	0.322734	0.578187
Q540I4;O08917;Q3 Flotillin-1	Flot1	23.3911	24.6511	21	47.513	323.31	82	0.105491	0.433564
Q3UH86;O08919 Numb-like protein	Numb1	22.3639	22.7052	11	60.079	39.598	26	0.624458	0.791406
Q3TPX5;O08989;D: Ras-related protein M-Ras	Mras	20.799	21.462	4	23.901	5.7666	11	0.608576	0.781136

Q6RI64;O09061	Proteasome subunit beta type;Pro	Psmb1	23.5263	23.1205	8	26.372	35.996	84	0.85216	0.921548
O09131	Glutathione S-transferase omega-1	Gsto1	22.9182	21.9192	7	27.497	25.126	52	0.472041	0.689609
Q9CQM8;Q4VA28;P60S	ribosomal protein L21	Rpl21	22.8722	24.2316	4	18.579	10.77	27	0.311036	0.573206
Q3V235;O35129;F6	Prohibitin-2	Phb2	26.24	24.4452	15	33.296	187.75	284	0.173916	0.477748
O35136	Neural cell adhesion molecule 2	Ncam2	23.6185	20.0436	11	93.203	113.45	17	0.001517	0.128326
Q3UNI8;O35215;G1	D-dopachrome decarboxylase	Ddt;Gm20441	22.6194	21.4926	6	13.077	22.713	25	0.593631	0.772441
Q9CY29;Q3ULG4;O26S	proteasome non-ATPase regul	Psmd4	19.6681	22.1303	5	40.042	23.127	7	0.00214	0.156351
O35295;Q8BQK8;Q	Transcriptional activator protein P	Purb	23.6598	23.0137	8	33.901	122.83	47	0.446021	0.668615
Q9D8S5;O35326;Q	Serine/arginine-rich splicing factor	Srsf5	20.9343	20.1815	4	30.978	5.6134	11	0.512217	0.714525
Q69ZD1;O35382;Q	Exocyst complex component 4	Exoc4	21.178	20.7447	8	110.77	12.479	11	0.382584	0.616044
O35405	Phospholipase D3	Pld3	21.7715	21.7123	5	54.388	61.965	26	0.969196	0.979558
Q5D0A4;Q497P1;O	Syntaxin-1A	Stx1a	26.0867	24.2853	14	32.923	323.31	201	0.203868	0.499414
O35593;Q9CSU2;Q26S	proteasome non-ATPase regul	Psmd14	22.3135	20.7635	6	34.577	42.363	36	0.227493	0.515629
Q545Q8;O35621;Q	Phosphomannomutase;Phosphom	Pmm1	22.8314	22.3737	6	29.774	37.583	24	0.688457	0.831843
Q49S98;O35633	Vesicular inhibitory amino acid tra	Slc32a1	24.0802	22.9702	11	57.38	50.196	40	0.036045	0.362026
Q8R5L1;O35658	Complement component 1 Q subc	C1qbp	22.6271	23.2728	3	31.025	15.189	30	0.618517	0.787604
Q0VE46;O35682;A1	Myeloid-associated differentiation	Myadm	21.3283	20.6738	3	35.284	13.689	13	0.533403	0.729514
O35685	Nuclear migration protein nudC	Nudc	21.8249	22.2454	12	38.358	52.663	32	0.82599	0.912279
Q811L7;Q8C2Q7;O	Heterogeneous nuclear ribonucleo	Hnrnph1	24.7619	25.1643	10	49.199	229.64	130	0.706103	0.837423
O35864;Q3V0K7;A1	COP9 signalosome complex subuni	Cops5	22.3092	21.8066	10	37.548	35.71	36	0.626988	0.792737
Q5SSP3;Q9ESU8;Q1	Amino acid transporter;Neutral am	Slc1a4	23.0982	21.2514	5	47.666	114.92	36	0.24897	0.528527
O35954	Membrane-associated phosphatidyl	Pitpnm1	21.5937	20.4411	10	134.94	48.297	14	0.238788	0.527831
Q3UG68;Q3UC51;C	Dolichyl-diphosphooligosaccharide	Ddost	20.9448	20.7548	6	48.985	14.444	11	0.850456	0.920945
O54774;Q3U237;Q	AP-3 complex subunit delta-1	Ap3d1	25.2768	22.4252	27	135.08	160.24	88	0.039655	0.362076
Q3UTI4;O54865;Q1	Guanylate cyclase soluble subunit	Gucy1b3	21.0236	23.3055	9	69.005	26.267	15	0.099764	0.434475
Q3UPX0;O54983	Ketimine reductase mu-crystallin	Crym	28.5608	26.947	15	33.523	323.31	581	0.075984	0.422511
Q8VEI6;Q8C1Q1;O1	ATPase Asna1	Asna1	23.0997	21.606	5	24.786	21.227	38	0.253899	0.527835
O54991;Q3U428	Contactin-associated protein 1	Cntnap1	25.8045	22.4985	31	156.31	323.31	203	0.089902	0.435158
Q3U9K9;O55013	Trafficking protein particle comple	Trappc3	21.1868	19.8735	2	20.302	3.4517	16	0.315845	0.575469
Q3TFP8;Q3TXU8;Q	Membrane-associated progesteror	Pgrmc1	24.6588	25.2206	9	19.746	75.39	135	0.326494	0.579112
Q921R1;Q3T9U8;O	Ectonucleoside triphosphate dipho	Entpd2	20.8696	20.0857	5	54.319	19.157	7	0.313834	0.57441
O55042	Alpha-synuclein	Snca	28.9126	29.5465	10	14.485	146.15	360	0.571259	0.754325
O55091	Protein IMPACT	Impact	21.1098	20.8976	6	36.276	35.375	13	0.865296	0.930744

Q3U6D7;O55100	Synaptogyrin-1	Syngr1	24.854	25.415	3	21.294	93.322	165	0.419326	0.65107
O55106;F8WH41;C	Striatin	Strn	22.1906	20.3872	7	85.965	41.812	21	0.015253	0.306395
Q5SVF7;O55125;Q	Protein NipSnap homolog 1	Nipsnap1	25.4277	26.725	10	33.363	323.31	235	0.141275	0.454058
Q7TMG8;Q3TD78;C	Protein NipSnap homolog 2	Gbas	25.1417	24.7181	10	32.898	47.211	89	0.515563	0.716703
Q99L15;O55137;Q	Acyl-coenzyme A thioesterase 1;Ac	Acot1;Acot2	22.5515	21.7171	6	46.248	23.49	31	0.605638	0.780482
Q5DTI2;O55143;O	Sarcoplasmic/endoplasmic reticulum	Atp2a2	27.9042	24.5764	42	116.6	323.31	465	0.177661	0.480642
O55234;Q8BTY5	Proteasome subunit beta type-5	Psmb5	25.4433	25.9696	12	28.532	68.485	148	0.281585	0.546507
Q9CZS7;Q544E3;O	Phosphatidylinositol 5-phosphate 4	Pip4k2a	22.4462	22.3454	11	46.09	272.93	45	0.954564	0.970262
Q544R7;Q3U6W4;C	Heme oxygenase 2	Hmox2	23.2411	21.255	8	35.738	95.23	37	0.127158	0.445191
Q3UJC3;O70310	Glycylpeptide N-tetradecanoyltran	Nmt1	22.5619	22.182	9	56.888	41.016	23	0.699606	0.832791
Q9DCD8;Q58EV4;C	Proteasome subunit alpha type;Prc	Psma3	24.9078	24.5702	9	28.49	59.987	89	0.685843	0.831183
Q542R8;O70443;Q	Guanine nucleotide-binding protein	Gnaz	23.5616	21.8037	16	40.849	118.35	93	0.340997	0.587965
Q6ZWQ5;Q3TGS7;C	Sorting nexin-12	Snx12	22.646	22.638	4	18.884	5.6847	39	0.99717	0.99717
Q3UJS5;O70569;P	60S ribosomal protein S14	Rps14;rps14	20.9685	23.6716	3	16.289	15.411	54	0.302609	0.560892
Q3TJY2;O88342;Q	WD repeat-containing protein 1	Wdr1	27.1573	27.6102	29	66.406	323.31	405	0.266392	0.53713
Q3TI40;Q3TI19;O	Metaxin-2	Mtx2	22.203	23.1608	7	29.786	45.781	29	0.251937	0.53062
O88456;A0A0R4J1C	Calpain small subunit 1	Capns1	20.7967	21.317	3	28.463	22.271	7	0.608458	0.781608
Q3TEL0;Q3UB92;Q	Palmitoyl-protein thioesterase 1	Ppt1	22.1943	20.081	7	34.154	52.421	27	0.214273	0.502682
Q3UQL2;O88543;Q	COP9 signalosome complex subunit	Cops3	20.3348	22.2319	7	47.832	99.626	20	0.186953	0.484571
Q14AI7;O88544;Q	COP9 signalosome complex subunit	Cops4	23.2881	23.6911	19	46.284	140.23	71	0.629662	0.792999
O88569;B7ZP22	Heterogeneous nuclear ribonucleo	Hnrnpa2b1	28.0662	26.2632	22	37.402	323.31	519	0.161003	0.470421
Q3THI5;Q3U8Y7;Q	26S protease regulatory subunit 6A	Psmc3	21.1589	22.1668	9	45.236	89.192	36	0.236203	0.524279
Q8CF81;Q3UGW4;C	ATP-dependent Clp protease prote	Clpp	22.3561	21.8147	4	20.503	18.2	17	0.715231	0.845752
O88704	Potassium/sodium hyperpolarizati	Hcn1	21.4139	20.4641	7	102.43	13.665	9	0.290075	0.547124
O88737	Protein bassoon	Bsn	27.6786	25.2093	87	418.84	323.31	404	0.018191	0.324816
Q3UTV3;Q3UEX4;C	Ganglioside-induced differentiator	Gdap1	20.3657	21.0305	7	39.123	57.963	20	0.688783	0.830986
Q5HZJ8;Q8C338;O	Isocitrate dehydrogenase [NADP];I	Idh1	25.0765	24.5546	17	46.674	177.39	171	0.622919	0.790704
Q6XE40;O88910	MAGUK p55 subfamily member 3	Mpp3	22.1739	22.9559	9	66.486	140.25	32	0.263392	0.534434
O88935	Synapsin-1	Syn1	30.0546	30.3724	36	74.096	323.31	2009	0.520234	0.718845
O88951	Protein lin-7 homolog B	Lin7b	21.6112	22.3282	7	22.914	12.996	9	0.276606	0.542742
O88958;Q6A0D9;Q	Glucosamine-6-phosphate isomera	Gnpda1	22.4565	20.6384	8	32.549	78.084	40	0.325791	0.579785
Q8BNF3;Q3U2Z6;Q	Tripeptidyl-peptidase 1	Tpp1	21.6498	21.499	3	34.522	74.723	14	0.921448	0.955334
Q3U232;Q3U1N0;C	Coronin;Coronin-1A	Coro1a	26.5444	27.5438	20	50.959	323.31	270	0.068007	0.426905

O89112;B2KGR2	LanC-like protein 1	Lancl1	23.7792	22.4489	8	45.341	163.04	78	0.454413	0.6749
Q5FWJ7;O89116;Q	Vesicle transport through interacti	Vti1a	21.0836	21.143	2	25.868	2.6375	6	0.948455	0.968955
Q9MD68;Q70YN3;I	Cytochrome c oxidase subunit 1	mt-Co1;COI;Mti	23.8725	20.2821	3	56.909	133.38	25	0.01441	0.300746
Q99KF5;P00493	Hypoxanthine-guanine phosphorib	Hprt;Hprt1	24.3282	26.3447	11	24.544	36.061	152	0.198439	0.495173
P00920	Carbonic anhydrase 2	Ca2	27.9	28.5381	13	29.032	254.13	457	0.178638	0.480857
Q53YX2;P01831	Thy-1 membrane glycoprotein	Thy1	29.9482	30.1765	6	18.108	203.32	850	0.732602	0.856835
P03995	Glial fibrillary acidic protein	Gfap	28.6928	29.0046	32	49.899	323.31	906	0.596834	0.774102
Q9QYT9;Q4FJQ7;Q	Major prion protein	Prnpb;Prnp	24.394	24.2651	5	28.009	32.543	72	0.898898	0.939226
P05063	Fructose-bisphosphate aldolase C	Aldoc	28.5183	27.6067	29	39.394	323.31	1042	0.184062	0.484103
Q5FWB7;P05064;A	Fructose-bisphosphate aldolase;Fri	Aldoa;Aldoart1	31.1723	30.3571	34	39.355	323.31	2320	0.045899	0.380206
P05132	cAMP-dependent protein kinase ca	Prkaca	24.0488	22.9434	17	40.57	121.64	82	0.53074	0.728352
P05201	Aspartate aminotransferase, cytop	Got1	28.9416	28.8098	29	46.247	323.31	1293	0.726223	0.854348
P05202	Aspartate aminotransferase, mitoc	Got2	29.8968	29.5309	30	47.411	323.31	1641	0.383364	0.616066
P05213;Q99KA2	Tubulin alpha-1B chain	Tuba1b	32.1332	33.4128	34	50.151	323.31	8344	0.022346	0.312258
P06745;B7ZWL9;B	Glucose-6-phosphate isomerase	Gpi;Gpi1	29.2343	29.9058	30	62.766	323.31	1201	0.093031	0.430837
P06837	Neuromodulin	Gap43	26.6708	25.0285	11	23.632	169.99	103	0.173434	0.47806
Q546G4;P07724	Serum albumin	Alb	27.7244	28.5814	40	68.692	323.31	865	0.185414	0.484489
Q80Y52;P07901;Q	Heat shock protein HSP 90-alpha	Hsp90aa1	29.4244	28.92	49	84.787	323.31	1599	0.364675	0.602914
Q91V38;Q3UBU0;C	Endoplasmic reticulum chaperonin	Hsp90b1	25.7983	24.1426	28	92.489	323.31	174	0.103395	0.432698
Q6GTX3;Q4FK40;Q	Apolipoprotein E	Apoe	26.5621	25.2805	17	35.852	303.2	250	0.206921	0.497044
P08228	Superoxide dismutase [Cu-Zn]	Sod1	28.5433	28.9396	8	15.942	106.35	212	0.57818	0.759718
P08249	Malate dehydrogenase, mitochond	Mdh2	30.4	29.4145	19	35.611	323.31	2188	0.114848	0.436314
Q8BGR3;P08414	Calcium/calmodulin-dependent pro	Camk4	21.4381	22.7321	6	52.542	48.253	13	0.037033	0.358501
Q05DD2;P08551	Neurofilament light polypeptide	Nefl	26.7934	28.3365	38	57.825	323.31	601	0.011675	0.28426
P08752;A0A0A6YV	Guanine nucleotide-binding protein	Gnai2	25.534	24.7981	18	40.489	323.31	215	0.435559	0.664083
Q3UDR2;Q3TWE3;I	Protein disulfide-isomerase	P4hb	22.3601	24.4365	21	56.6	323.31	77	0.223412	0.509975
Q8CD23;Q3TL52;Q	Nucleolin	Ncl	23.2987	22.0493	14	76.864	108.25	50	0.201338	0.497771
P09411;S4R2M7	Phosphoglycerate kinase 1;Phosph	Pgk1	28.8917	28.9234	32	44.55	323.31	1137	0.962226	0.975582
P09528	Ferritin heavy chain;Ferritin heavy	Fth1	26.1387	25.2278	11	21.066	162.84	128	0.070579	0.424796
Q4FJX9;P09671;Q3	Superoxide dismutase;Superoxide	Sod2	27.2529	28.3726	11	24.603	156.85	356	0.179871	0.480953
P0C028;P0C027;Q4	Diphosphoinositol polyphosphate	Nudt11;Nudt10	22.0679	21.9807	4	18.593	8.2554	17	0.928494	0.958926
P0DN34	NADH dehydrogenase [ubiquinone	Ndufb1	23.2221	21.0517	2	6.954	4.5484	14	0.100932	0.436016
Q58E64;Q3UA81;P	Elongation factor 1-alpha;Elongatic	Eef1a1	29.6395	30.4111	20	50.113	323.31	1084	0.082633	0.432543

Q3TVS6;P10605;Q Cathepsin B;Cathepsin B light chain Ctsb	24.75	24.04	7	37.319	144.76	89	0.350958	0.593674
Q52KC1;P10630;Q Eukaryotic initiation factor 4A-II;Eu Eif4a2	25.3885	26.2886	18	46.402	323.31	183	0.184242	0.483787
P10639 Thioredoxin Txn	23.5809	24.1727	3	11.675	6.9205	20	0.481269	0.695503
P10649;A2AE89;F6 Glutathione S-transferase Mu 1 Gstm1	29.2131	29.6548	20	25.97	323.31	1043	0.425145	0.65567
P10852;Q8BTJ9;Q3 4F2 cell-surface antigen heavy chain Slc3a2	26.2157	25.9735	17	58.336	323.31	255	0.639105	0.796156
Q8C1Y3;Q3U4Y0;P Histone H1.0;Histone H1.0, N-term H1f0	25.2323	23.9206	5	19.253	34.492	74	0.042953	0.369122
Q922T9;Q8VH34;Q Lysosome-associated membrane glycoprotein Lamp1	19.816	21.3057	2	20.456	6.5333	5	0.063559	0.422065
Q71LX8;P11499 Heat shock protein HSP 90-beta Hsp90ab1	28.5824	28.3194	49	83.28	323.31	989	0.619189	0.787836
P11798;Q80TN1;F Calcium/calmodulin-dependent protein Camk2a	31.2307	31.0718	30	54.114	323.31	2621	0.570864	0.754423
P11881 Inositol 1,4,5-trisphosphate receptor Itpr1	21.6733	20.5128	13	313.16	81.364	21	0.40956	0.64211
P11983 T-complex protein 1 subunit alpha Tcp1	25.2301	26.1314	27	60.448	323.31	181	0.111308	0.434155
P12382;Q8CD98 ATP-dependent 6-phosphofructokinase Pfkf	26.6202	26.215	29	85.359	323.31	360	0.646771	0.801975
P12658;Q8CEF3;Q Calbindin Calb1	24.1462	23.9643	9	29.994	62.058	42	0.843993	0.9189
P12787 Cytochrome c oxidase subunit 5A, mitochondrial Cox5a	22.7173	23.0591	4	16.101	16.92	33	0.889744	0.935745
P12960 Contactin-1 Cntn1	28.5358	25.1575	42	113.39	323.31	803	0.129716	0.445413
Q6P1A9;Q5EBG5;Q 60S ribosomal protein L7a Rpl7a	24.548	23.7338	11	30.024	38.765	64	0.314704	0.574692
P13595;E9Q589;AC Neural cell adhesion molecule 1 Ncam1	25.0194	22.4312	31	119.43	26.527	49	0.122993	0.438249
Q545P0;Q3TV47;P Sodium/potassium-transporting ATPase Atp1b1	29.5807	29.9883	17	35.194	323.31	1054	0.296028	0.553803
P14115 60S ribosomal protein L27a Rpl27a	21.5841	22.1586	4	16.605	8.6587	71	0.809797	0.903711
Q5M9N8;Q3UBI6;F 60S ribosomal protein L7 Rpl7	23.6323	22.8795	8	31.419	35.763	31	0.14752	0.457654
P14152 Malate dehydrogenase, cytoplasmic Mdh1	29.5376	28.4779	17	36.511	323.31	1018	0.081896	0.432916
Q3UR55;P14231 Sodium/potassium-transporting ATPase Atp1b2	25.9979	26.5968	12	33.344	212.32	192	0.168377	0.472219
Q3U5M8;P14685;C 26S proteasome non-ATPase regulatory subunit Psmd3	21.3844	22.4349	14	60.614	99.092	34	0.570499	0.755805
Q8C553;P14733 Lamin-B1 Lmnb1	21.9684	21.8208	10	47.49	30.981	16	0.8731	0.934136
Q5M8R8;Q5FWB6; 60S acidic ribosomal protein P0 Rplp0	24.2786	23.3134	9	34.216	143.16	84	0.266511	0.534685
P15105 Glutamine synthetase Glul	29.1728	29.3856	21	42.119	323.31	1203	0.611701	0.782023
Q5NC81;P15532;Q Nucleoside diphosphate kinase;Nucleoside Nme1	25.8552	26.1757	13	17.208	10.5	44	0.456204	0.676934
Q5SZA3;Q3U292;P Histone H1.2;Histone H1.3 Hist1h1c;Hist1h	26.3009	24.6023	6	21.266	30.544	139	0.127503	0.444464
P16045 Galectin-1 Lgals1	21.0793	20.4391	2	14.866	4.7916	3	0.369079	0.603982
P16054 Protein kinase C epsilon type Prkce	24.4165	22.9377	24	83.56	155.11	135	0.405922	0.639526
P16125;D3Z7F0 L-lactate dehydrogenase B chain;L- Ldhb	28.8946	27.7331	19	36.572	323.31	704	0.13572	0.452493
Q3TYV5;P16330;Q 2,3-cyclic-nucleotide 3-phosphodiesterase Cnp	29.8231	30.4938	35	47.123	323.31	1755	0.248834	0.528936
Q8VED0;P16332 Methylmalonyl-CoA mutase, mitochondrial Mut	20.5567	20.3628	5	82.817	13.86	10	0.829886	0.914696

Q3UJ34;Q3UEJ7;P1 Argininosuccinate synthase	Ass1;Gm5424	21.5911	22.1808	12	46.584	64.021	21	0.60378	0.779963
Q5FW97;P17182;Q Alpha-enolase;Enolase	EG433182;Eno1	30.3739	31.2709	30	47.14	323.31	2590	0.06715	0.42652
Q545V3;Q3UJ20;P1 Gamma-enolase;Enolase	Eno2	29.2403	29.4598	22	47.296	323.31	1288	0.591294	0.771901
P17426 AP-2 complex subunit alpha-1	Ap2a1	28.3824	27.0222	50	107.66	323.31	830	0.052304	0.400246
Q6PEE6;Q69ZW4;P AP-2 complex subunit alpha-2	Ap2a2	28.1962	26.8313	45	104	323.31	762	0.164621	0.471563
P17563;Q63836;AC Selenium-binding protein 1;Seleniu	Selenbp1;Seleni	21.0915	21.4724	8	52.513	39.938	22	0.760641	0.872484
Q5SVY2;Q3UAJ1;Q Peptidyl-prolyl cis-trans isomerase; Ppia		29.1771	29.8479	12	17.971	165.35	692	0.505603	0.711475
P17751;H7BXC3 Triosephosphate isomerase	Tpi1	30.8157	31.1694	16	32.191	323.31	1421	0.524149	0.720537
Q3U2J2;Q3TD17;P Solute carrier family 2, facilitated g	Slc2a1	21.5633	21.6589	4	54.07	129.47	39	0.932041	0.961355
Q91V35;P18052 Receptor-type tyrosine-protein pho	Ptptra	21.8747	19.8784	6	89.841	30.856	8	0.033735	0.347513
Q544Y7;P18760;F8 Cofilin-1	Cfl1	29.9346	30.6473	14	18.559	315.75	670	0.203208	0.498557
Q543S2;P18872;D3 Guanine nucleotide-binding protein	Gnao1	29.756	29.2116	21	40.084	323.31	1505	0.119289	0.436668
P19096;A0A0U1RN Fatty acid synthase;[Acyl-carrier-pr	Fasn	27.4903	22.7911	67	272.43	323.31	354	0.067364	0.424525
P19157;K9JA74;P4 Glutathione S-transferase P 1;Gluta	Gstp1;Gstp2	27.8901	28.6621	9	23.609	219.21	433	0.275794	0.542474
P19246;Q80TQ3 Neurofilament heavy polypeptide	Nefh	25.579	22.6881	24	116.99	323.31	107	0.001455	0.137529
Q5M9M0;P19253;P 60S ribosomal protein L13a	Rpl13a	21.3786	21.2262	5	23.464	12.824	13	0.852423	0.921213
Q9D881;P19536 Cytochrome c oxidase subunit 5B, i	Cox5b	25.8512	27.1353	6	13.847	14.33	147	0.071391	0.421781
Q3U9G2;Q3TWF2;P 78 kDa glucose-regulated protein	Hspa5	26.2016	26.5523	32	72.405	323.31	384	0.569745	0.755429
Q3TXR9;P20060 Beta-hexosaminidase;Beta-hexosai	Hexb	20.1112	22.2149	10	61.115	64.066	28	0.111992	0.434712
P20108;Q8K4K8 Thioredoxin-dependent peroxide re	Prdx3	25.8518	26.3445	7	28.127	89.116	213	0.523802	0.720676
Q5FWJ3;P20152;Q Vimentin	Vim	24.6044	26.1304	28	53.687	323.31	115	0.178339	0.480856
P20357;Q3URJ7 Microtubule-associated protein 2	Map2	29.89	27.63	91	199.13	323.31	1393	7.48E-05	0.060102
Q91X95;Q3UPA1;P Guanine nucleotide-binding protein	Gna11	24.0707	22.5293	17	41.93	123.84	60	0.181264	0.480679
Q3UHH5;P21279 Guanine nucleotide-binding protein	Gnaq	26.5355	25.9112	20	42.158	323.31	292	0.320958	0.578228
Q3U5K7;Q9EPX9;P Cystatin-C	Cst3	23.3033	23.238	3	15.217	12.926	29	0.976125	0.983469
Q4QRK2;Q8C3V7;C Ferrochelatase;Ferrochelatase, mit	Fech	22.3031	21.773	8	44.755	22.346	27	0.540545	0.735526
Q3UVW2;Q8C8H5; Gamma-aminobutyric acid recepto	Gabrg2	22.4042	20.7605	5	51.803	41.764	13	0.019337	0.320352
Q8CBB7;Q3UKX8;P AP-1 complex subunit gamma-1	Ap1g1	23.568	21.9706	17	91.721	129.31	56	0.024431	0.311589
P23116;Q3UL99;Q Eukaryotic translation initiation fac	Eif3a	22.7653	19.8271	18	161.93	57.743	34	0.013808	0.299847
Q7TMQ1;P23242;C Gap junction protein;Gap junction	Gja1	25.4538	23.7024	8	49.523	283.55	71	0.033751	0.345467
Q543K9;P23492 Purine nucleoside phosphorylase	Pnp	22.2153	20.2933	7	32.263	14.867	8	0.104712	0.43369
Q52L78;P23927 Alpha-crystallin B chain	Cryab	22.2827	24.8819	6	20.069	12.259	52	0.130351	0.443801
Q8C6E3;Q542K4;Q Catalase	Cat	19.6413	20.9215	4	59.835	8.5365	5	0.074556	0.42336

Q3TJN1;Q9CXX6;Q9DCY1;P24369	Branched-chain-amino-acid aminotransferase; Bcat1	22.3296	22.5746	8	42.791	96.667	43	0.510638	0.714182
Q9DCY1;P24369	Peptidyl-prolyl cis-trans isomerase; Ppib	23.6694	24.4018	11	23.713	34.443	94	0.634953	0.794062
P24472	Glutathione S-transferase A4 Gsta4	25.3602	26.4101	8	25.564	147.3	161	0.145209	0.45755
P24527	Leukotriene A-4 hydrolase Lta4h	22.6672	24.2756	19	69.05	262.38	68	0.148981	0.457768
P24549;B2RTL5;O3	Retinal dehydrogenase 1; Aldehyde Aldh1a1; Aldh1a	21.1362	22.0863	10	54.467	27.296	14	0.047714	0.385311
Q3UKQ5;Q3UF03;F	Cation-dependent mannose-6-phosphate M6pr	21.3079	20.8257	4	31.172	10.046	10	0.447018	0.66824
Q3UHS6;Q80TM2;F	Talin-1 Tln1	22.2078	20.3077	12	269.83	18.814	9	0.029152	0.320867
Q4KML7;Q3UXR4;C	Ezrin Ezr	24.6849	23.8415	19	69.406	91.077	112	0.373029	0.608587
Q3TH46;Q3U111;P	Radixin Rdx	22.5696	21.7877	15	76.852	23.474	16	0.074459	0.42582
P26443;Q3TSQ7	Glutamate dehydrogenase 1, mitochondrial Glud1	27.7706	29.0757	30	61.336	323.31	1066	0.037138	0.355243
Q3U6F6;Q8C483;P	Serine--tRNA ligase, cytoplasmic Sars	23.5934	24.6869	17	58.358	185.47	106	0.017887	0.32297
P26883;Q3ULN5	Peptidyl-prolyl cis-trans isomerase Fkbp1a	26.4371	26.8016	4	11.922	45.426	110	0.463384	0.6838
Q3UN87;P27048;P	Small nuclear ribonucleoprotein-as Snrpn; Snrpb	21.6191	22.2133	5	24.614	8.6587	37	0.518222	0.719156
Q3UE40;P27601;Q	Guanine nucleotide-binding protein Gna13	22.4361	22.8585	10	44.038	23.95	25	0.248523	0.528975
Q3UB90;Q3UB67;C	60S ribosomal protein L3 Rpl3	23.5736	23.9591	12	46.079	100.27	56	0.374393	0.608958
P27773	Protein disulfide-isomerase A3 Pdia3	25.9233	27.1357	29	56.678	323.31	271	0.129059	0.446015
P28028;F6SZ47	Serine/threonine-protein kinase B- Braf	21.4631	20.31	6	88.779	15.252	10	0.366235	0.604872
Q8VDC3;P28271	Aconitate hydratase; Cytoplasmic aco1; Aco1	22.3606	21.0864	14	99.102	64.838	33	0.084231	0.432455
Q6P5I3;P28474	S-(hydroxymethyl)glutathione dehydrogenase Adh5	23.3989	22.3754	11	39.547	75.47	42	0.493414	0.703564
Q5SVJ0;P28652;Q5	Calcium/calmodulin-dependent protein kinase Camk2b	28.4078	28.6525	28	72.902	323.31	747	0.295161	0.552826
Q3TKP3;P28658;Q	Ataxin-10 Atxn10	19.701	21.6803	12	53.71	48.067	19	0.090944	0.432389
P28661;Q5ND09;Q	Septin-4 Sept4	21.1942	23.2038	10	54.935	76.808	16	0.040218	0.35707
P28663	Beta-soluble NSF attachment protein Napb	27.6628	26.2703	28	33.557	323.31	682	0.252861	0.527725
P28665;P28666	Murinoglobulin-1; Murinoglobulin-2 Mug1; Mug2	21.1195	19.7361	9	165.3	25.094	8	0.090333	0.434626
Q3TY51;Q8CHF1;P	Kinesin-like protein; Kinesin heavy chain mKIAA0531; Kif5	24.9135	21.7885	30	109.3	251.09	110	0.013274	0.296263
Q8BN32;Q3U8U8;F	Polyadenylate-binding protein; Poly Pabpc1; Pabpc6	24.7961	25.012	18	70.669	323.31	138	0.623331	0.790602
Q3TG75;P29758;Q	Ornithine aminotransferase, mitochondrial Oat	23.0497	23.6679	12	48.354	50.584	70	0.328248	0.579664
Q545N7;P30275;A	Creatine kinase U-type, mitochondrial Ckmt1	28.2029	28.0847	20	47.003	323.31	785	0.829515	0.914915
P30416;F6S2D5	Peptidyl-prolyl cis-trans isomerase Fkbp4	21.9028	24.2074	16	51.572	128.05	43	0.019385	0.317873
Q8C2U7;Q3UZG4;P	Aminoacyl tRNA synthase complex Aimp1	20.6667	20.8515	5	35.196	12.464	14	0.868875	0.93272
P31324;Q3V2X9;H	cAMP-dependent protein kinase type II Prkar2b	22.044	24.1503	14	46.167	256.74	70	0.006795	0.232321
Q6PCX2;P31648;Q	Transporter; Sodium- and chloride-dependent Slc6a1	26.1869	23.8642	8	67.13	167.45	84	0.026856	0.312731
P31650;Q8BKG0	Sodium- and chloride-dependent Glutamate transporter Slc6a11	24.9201	23.1477	8	69.96	68.08	62	0.26445	0.534554

Q3U3F4;Q3TMJ8;P Dual specificity mitogen-activated protein kinase 1	26.821	26.1655	21	43.493	323.31	259	0.558729	0.748855
Q8BLF7;Q4FJP8;Q3 Solute carrier family 2, facilitated glucose transporter 3	24.2197	22.2253	6	53.451	214.28	78	0.355397	0.597409
P34022;H7BX22;Q1 Ran-specific GTPase-activating protein Ranbp1	22.6446	21.4835	7	23.596	18.762	40	0.515267	0.716912
Q545F0;P34884 Macrophage migration inhibitory factor Mif	26.1391	27.0927	3	12.504	20.645	162	0.440453	0.665859
P35235;Q9CT18;Q1 Tyrosine-protein phosphatase non-receptor type 11	22.3447	23.1193	14	68.46	81.306	48	0.28533	0.546514
Q3TJ39;Q8C266;P3 Ras-related protein Rab-5C Rab5c	26.2742	26.2245	7	23.412	73.133	227	0.939023	0.96484
Q3U4W5;Q0PD54;Q1 Ras-related protein Rab-6A Rab6a	27.6824	27.9558	12	23.545	160.31	479	0.666325	0.817393
Q0PD35;P35282;Q1 Ras-related protein Rab-21 Rab21	23.7746	23.7956	6	24.106	51.643	68	0.97392	0.982479
Q0PD38;P35293;Q1 Ras-related protein Rab-18 Rab18	23.0317	24.2038	6	23.035	12.595	40	0.026484	0.31294
P35436 Glutamate receptor ionotropic, NMDA type 2a	22.3233	20.7985	10	165.42	34.616	17	0.194804	0.492218
Q3UFJ3;P35486 Pyruvate dehydrogenase E1 component 1 PdhE1	27.7963	27.9524	26	43.231	323.31	690	0.679048	0.827317
Q3UJS2;P35550 rRNA 2-O-methyltransferase fibrillarin Fbl	21.5114	20.7107	4	34.375	14.897	24	0.246365	0.532851
Q5SUC3;P35564;Q1 Calnexin Canx	25.6719	24.0897	19	67.277	323.31	209	0.149529	0.458576
Q3UG16;P35585 AP-1 complex subunit mu-1 Ap1m1	19.7437	21.674	8	48.542	81.924	15	0.073016	0.422072
P35700;B1AXW5;B Peroxiredoxin-1 Prdx1	27.7406	28.6113	15	22.176	222	545	0.131258	0.445943
Q3UWG5;P35762;P1 Tetraspanin, CD81 antigen Cd81	23.2936	26.1546	4	25.828	248.44	104	0.167985	0.473598
Q542P2;P35802;Q1 Neuronal membrane glycoprotein 1 Gpm6a	28.926	28.2568	10	31.149	323.31	538	0.127205	0.444388
Q8C2K0;Q5BLK0;P1 60S ribosomal protein L12 Rpl12	22.8184	23.032	5	17.806	13.884	61	0.910759	0.947307
Q642K1;Q58EW0;P1 60S ribosomal protein L18 Rpl18	25.7243	25.0807	8	21.643	56.547	92	0.296232	0.553541
P36916;Q52KE3;A2 Guanine nucleotide-binding protein gamma 1 Gnl1	21.8659	21.2123	7	68.77	25.269	21	0.39269	0.626044
P37040;Q05DV1 NADPH--cytochrome P450 reductase Por	20.8251	21.9746	9	77.043	17.955	13	0.392856	0.625068
P38647 Stress-70 protein, mitochondrial Hspa9	26.0784	26.9123	30	73.46	323.31	430	0.214958	0.503552
P39053 Dynamin-1 Dnm1	22.7213	21.9608	62	97.802	44.975	32	0.434051	0.663041
Q3UVJ2;Q3U0U5;P Adenylyl cyclase-associated protein 1 Cap1	26.3875	27.8986	25	51.55	323.31	275	0.023513	0.314871
P40142 Transketolase Tkt	27.4949	27.8341	35	67.63	323.31	556	0.523179	0.720436
Q5M9N5;Q5M9J8;Q1 60S ribosomal protein L28 Rpl28	23.1549	23.5653	5	15.709	8.3752	21	0.464644	0.683775
Q9DBN7;P42125 Enoyl-CoA delta isomerase 1, mitochondrial Eci1	22.1686	22.5269	8	32.223	39.23	26	0.819329	0.908669
P42208;E9Q3V6;F6 Septin-2 Sept2	22.1881	22.4948	10	41.525	90.959	30	0.767323	0.876396
P42669;Q8C6E9 Transcriptional activator protein 1 Pura	25.7792	25.1798	8	34.883	323.31	194	0.561542	0.748878
Q3UL22;Q6A0F1;P1 T-complex protein 1 subunit theta Cct8;Cctq	25.8375	26.8343	28	59.555	323.31	184	0.057848	0.413164
Q3UYK6;P43006;A1 Amino acid transporter;Excitatory amino acid transporter 1 Slc1a2	30.2359	28.1879	19	62.03	323.31	1016	0.28702	0.545847
Q9DCW5;P43024 Cytochrome c oxidase subunit 6A, mitochondrial Cox6a1	24.4854	23.7275	3	12.483	6.9529	66	0.696145	0.83361
P43274 Histone H1.4 Hist1h1e	24.0787	20.8554	5	21.977	14.438	67	0.00462	0.212118

Q3TCL2;Q5U415;Q Aldose reductase	Akr1b3;Akr1b1	25.3625	24.7119	14	35.051	91.044	114	0.161479	0.470957
Q3UHW9;P45591 Cofilin-2	Cfl2	24.4154	25.035	7	18.709	17.107	78	0.432095	0.661942
Q91WS8;P45952;Q Medium-chain specific acyl-CoA de Acadm		20.0539	19.8948	6	46.437	23.432	13	0.846694	0.919971
P46460 Vesicle-fusing ATPase	Nsf	29.8172	29.7892	61	82.613	323.31	1885	0.966884	0.977836
Q3U5V3;Q8BVQ9;F 26S protease regulatory subunit 7	Psmc2	21.653	23.2951	13	48.684	117.32	30	0.030948	0.329357
P46660 Alpha-internexin	Ina	27.3445	28.9103	30	55.382	323.31	641	0.020425	0.321797
Q80XR3;P47199;Q Quinone oxidoreductase	Cryz	21.9065	20.9881	8	35.367	70.579	18	0.248397	0.530818
Q768S5;P47708 Rabphilin-3A	Rph3a	25.2836	23.7492	17	75.492	323.31	97	0.194084	0.491169
Q544B1;Q3UJW1;C Aldehyde dehydrogenase, mitocho	Aldh2	23.4008	25.3064	23	56.537	323.31	181	0.101238	0.434996
Q99NU3;P47746 Cannabinoid receptor 1	Cnr1	22.4536	22.167	2	37.316	7.4987	11	0.627239	0.792432
Q5DQJ3;P47754;Q F-actin-capping protein subunit alp	Capza2	26.3536	25.72	14	32.967	323.31	428	0.508955	0.712448
Q3U9R7;Q3UB84;C Glutathione reductase, mitochondr	Gsr	21.8931	23.4389	8	48.886	105.46	38	0.072203	0.421927
Q543X6;P47809;Q Dual specificity mitogen-activated	Map2k4	22.5133	21.7191	12	44.113	61.196	40	0.542088	0.737001
P47857;Q99K08 ATP-dependent 6-phosphofructoki	Pfkm	27.5582	27.5409	30	85.268	323.31	519	0.963722	0.975867
Q3UCH0;P47911;E 60S ribosomal protein L6	Rpl6;Gm5428	23.5008	22.575	9	33.509	37.114	58	0.054341	0.409983
Q3TKR5;Q58EU6;Q 60S ribosomal protein L5	Rpl5	21.2583	21.7923	7	34.269	27.559	28	0.602854	0.779394
Q5RKP3;P47963;A 60S ribosomal protein L13	Rpl13	24.6641	24.2389	6	24.597	53.457	102	0.593508	0.772907
P48036 Annexin A5	Anxa5	25.69	23.3593	18	35.752	176.14	190	0.284162	0.546884
Q548L6;P48318 Glutamate decarboxylase 1	Gad1	22.7127	23.3963	9	66.648	84.685	29	0.196647	0.494541
Q548L4;P48320 Glutamate decarboxylase 2	Gad2	23.7724	24.5501	14	65.223	323.31	89	0.181217	0.481348
P48678 Prelamin-A/C;Lamin-A/C	Lmna	23.1098	24.3055	21	74.237	308.95	75	0.160175	0.468855
P48722;E0CY23 Heat shock 70 kDa protein 4L	Hspa4l	25.1245	23.9123	39	94.381	323.31	148	0.216172	0.503461
P48771 Cytochrome c oxidase subunit 7A2	Cox7a2	25.0837	23.0592	2	9.2908	10.363	104	0.43432	0.662822
P48774;E9PVM7;E Glutathione S-transferase Mu 5	Gstm5	26.6178	27.5939	20	26.635	243.75	398	0.179672	0.482026
P48962;Q8BVI9 ADP/ATP translocase 1	Slc25a4	30.3637	30.6394	23	32.904	323.31	2337	0.591662	0.771754
Q3U7F3;Q3TIK8;Q Heterogeneous nuclear ribonucleo	Hnrnpa1	25.4979	23.8353	15	34.238	159.85	157	0.210907	0.499156
P49443;Q9EQE2;Q Protein phosphatase 1A	Ppm1a	22.8211	21.597	10	42.432	53.698	34	0.302195	0.560771
Q543F6;P49615;A Cyclin-dependent-like kinase 5	Cdk5	22.9804	23.4324	11	33.288	49.135	92	0.342942	0.589421
Q3UWT6;P49722;C Proteasome subunit alpha type;Prc	Psm2	23.5584	25.1254	9	27.509	63.46	72	0.024768	0.310948
Q3TF14;P50247;Q Adenosylhomocysteinase	Ahcy	22.8981	24.3006	16	47.688	70.265	72	0.067229	0.425343
P50396 Rab GDP dissociation inhibitor alph	Gdi1	27.8338	28.8132	30	50.521	323.31	935	0.074549	0.424824
P50516 V-type proton ATPase catalytic sub	Atp6v1a	29.3229	29.6212	41	68.325	323.31	1723	0.604916	0.780176
P50518;A0A0N4SW V-type proton ATPase subunit E 1	Atp6v1e1	28.0309	27.7746	15	26.157	323.31	631	0.635468	0.794088

Q05BN2;Q3UMW2	Proliferation-associated protein 2G	Pa2g4	21.3197	22.4344	11	41.508	44.16	25	0.367041	0.60434
Q4FJQ0;P51150	Ras-related protein Rab-7a	Rab7;Rab7a	25.7132	26.9167	15	23.489	162.97	272	0.09727	0.432998
P51174;A0A0R4J08	Long-chain specific acyl-CoA dehyd	Acadl	22.0697	23.2838	15	47.907	119.83	50	0.368566	0.604373
P51830;E9Q706	Adenylate cyclase type 9	Adcy9	22.8591	20.5911	13	150.95	31.154	22	0.139454	0.455494
Q8R436;Q541E2;Q	Glutathione synthetase	Gss	21.4624	21.492	4	51.945	10.686	7	0.97634	0.983069
P51859;E0CXA0;E0	Hepatoma-derived growth factor	Hdgf	21.9009	20.3951	6	26.268	14.445	24	0.206019	0.498603
P51863;Q921S5	V-type proton ATPase subunit d 1	Atp6v0d1	26.2127	26.0064	15	40.301	323.31	470	0.796548	0.899545
Q545A2;P51881	ADP/ATP translocase 2;ADP/ATP tr	Slc25a5	27.6945	27.9247	20	32.931	323.31	688	0.572115	0.754216
Q545S0;P52196	Sulfurtransferase;Thiosulfate sulfur	Tst	23.5256	21.8209	9	33.466	35.647	68	0.235422	0.523268
P52480	Pyruvate kinase PKM	Pkm	30.47	31.3028	35	57.844	323.31	2735	0.123817	0.440207
P52760	Ribonuclease UK114	Hrsp12	25.441	23.6076	6	14.255	51.501	117	0.477247	0.69218
Q5ND42;Q3UE53;C	Phosphatidylinositol transfer prote	Pitpna	25.497	23.4958	16	31.893	194.46	192	0.319305	0.577841
Q8BXY4;Q0PD65;P	Ras-related protein Rab-2A	Rab2a	26.5733	27.2096	13	19.157	151.69	344	0.410946	0.643655
P54071;D6RIL6	Isocitrate dehydrogenase [NADP], i	Idh2	24.1901	23.9381	18	50.906	131.14	156	0.881004	0.933888
Q9DCP3;Q91XT3;Q	Stathmin	Stmn1	25.1508	25.5781	8	17.334	17.052	41	0.804058	0.901689
Q3TJ52;Q3UQN3;Q	UV excision repair protein RAD23 h	Rad23b	19.8257	22.0377	8	34.613	42.675	25	0.157527	0.46879
Q8BKU2;Q569X4;Q	26S protease regulatory subunit 6E	Psmc4	22.3801	22.7509	11	47.394	36.39	32	0.821954	0.909697
P54823	Probable ATP-dependent RNA helic	Ddx6	20.0258	21.9274	9	54.191	49.218	12	0.057859	0.411414
Q3U5N4;P54923	[Protein ADP-ribosylarginine] hydr	Adprh	21.0379	20.964	4	40.068	14.464	12	0.909194	0.948135
P55264;Q8BMC5	Adenosine kinase	Adk	21.5559	22.4364	10	40.148	64	35	0.522139	0.71962
Q6PB52;Q6PEM5;C	Alpha-2-macroglobulin receptor-as	Lrpap1	20.5298	20.7895	4	35.491	22.211	12	0.76727	0.876958
P56135;F8WHP8	ATP synthase subunit f, mitochond	Atp5j2	25.535	23.3897	3	10.344	55.933	230	0.4029	0.636012
Q3V1C8;P56380	Bis(5-nucleosyl)-tetrphosphatase	Nudt2	21.7125	20.9387	4	17.037	29.552	12	0.53989	0.735881
P56391;A0A140LIU	Cytochrome c oxidase subunit 6B1	Cox6b1	25.8239	27.1148	7	10.071	21.587	140	0.297302	0.554251
Q3U4W8;P56399	Ubiquitin carboxyl-terminal hydrol	Usp5	26.1742	24.2379	28	93.354	323.31	248	0.137753	0.45643
P56480	ATP synthase subunit beta, mitoch	Atp5b	30.9659	32.241	29	56.3	323.31	3509	0.022338	0.314894
Q8C7W8;Q8C3T7;C	Amino acid transporter;Excitatory i	Slc1a3	28.0231	26.2418	10	59.592	323.31	490	0.199677	0.49749
Q3UN10;Q80UI9;Q	Wolframin	Wfs1	22.2997	21.0388	8	91.816	18.135	17	0.338721	0.587824
Q3UJH5;Q3U861;P	V-type proton ATPase subunit D	Atp6v1d	26.533	25.773	14	28.355	323.31	287	0.24981	0.529611
P57759	Endoplasmic reticulum resident pr	Erp29	21.8618	22.5343	5	28.823	13.397	40	0.570639	0.754746
Q3ULT2;P57780;Q	Alpha-actinin-4	Actn4	24.8211	23.7355	41	104.98	323.31	104	0.139761	0.455569
Q3UMI7;Q3UDC8;F	Elongation factor 2	Eef2	27.6261	26.2281	44	95.326	323.31	426	0.100853	0.43685
P58281;Q80TX7;H7	Dynamin-like 120 kDa protein, mit	Opa1;mKIAA05i	25.717	24.1577	33	111.34	323.31	166	0.237928	0.527379

Q543N6;P58389;Q Serine/threonine-protein phosphatase 2r4	24.8665	25.3479	10	36.71	110.92	91	0.247548	0.531122
Q3U3S0;P58404;V Striatin-4 Strn4	21.8617	21.1606	6	80.964	14.621	15	0.594959	0.772918
Q3TQR3;P59325;Q Eukaryotic translation initiation factor 5 Eif5	21.2016	22.8231	9	48.968	28.937	23	0.088161	0.433254
Q9D3C4;Q7TPD9;P Actin-related protein 2/3 complex : Arpc4	27.4035	28.4811	6	19.653	56.721	450	0.311636	0.573654
Q3UYM8;P60202;C Myelin proteolipid protein Plp1	30.1621	30.9852	10	30.077	213.31	1365	0.289472	0.547917
Q9CT23;Q3UIG0;P Eukaryotic translation initiation factor 3e Eif3e	20.0904	20.6832	9	49.567	89.795	20	0.692933	0.832867
P60335 Poly(rC)-binding protein 1 Pcbp1	24.5046	24.5529	11	37.497	106.12	142	0.947833	0.969553
P60487;Q6IS27 Pyridoxal phosphate phosphatase Pdxp	24.7962	25.3892	13	31.512	111.86	158	0.350373	0.594562
Q3UE06;Q3UDU9;F Nuclear protein localization protein Nploc4	20.1159	20.4371	2	68.035	62.677	3	0.701447	0.833131
P60761 Neurogranin;NEUG(55-78) Nrgn	25.4017	26.9767	2	7.4963	59.286	36	0.215696	0.503083
P60766;Q3UL78 Cell division control protein 42 homolog Cdc42	26.1632	25.8602	6	21.258	118.15	74	0.679821	0.827004
Q4FZL1;Q5F2A7;Q Eukaryotic initiation factor 4A-I Eif4a1	23.2925	22.9703	17	46.022	91.781	56	0.848975	0.919961
Q5BLK2;P60867 40S ribosomal protein S20 Rps20	23.3152	19.687	3	13.373	6.3259	24	0.128282	0.445246
P60879 Synaptosomal-associated protein 2 Snap25	27.9058	28.5276	19	23.315	323.31	611	0.115897	0.435154
P60904;G5E8T0;Q DnaJ homolog subfamily C member Dnajc5	27.3834	26.2652	9	22.101	323.31	201	0.286483	0.545472
Q4FJL0;P61027;Q3 Ras-related protein Rab-10 Rab10	25.5309	26.3859	8	22.541	65.159	157	0.217723	0.503425
Q0PD49;P61028;Q Ras-related protein Rab-8B Rab8b	23.0291	22.3363	5	23.603	4.1552	20	0.5389	0.735779
P61082;F7CDT0;F6 NEDD8-conjugating enzyme Ubc12 Ube2m	24.3266	24.458	6	20.9	15.202	38	0.875679	0.932549
Q5SW83;P61161;Q Actin-related protein 2 Actr2	26.1458	26.2704	14	44.76	323.31	334	0.631613	0.794211
P61164 Alpha-centractin Actr1a	24.902	25.6255	15	42.613	323.31	183	0.185792	0.483903
Q3UK65;Q3V3N6;P COP9 signalosome complex subunit Cops2	21.7187	23.4571	15	51.609	96.021	35	0.055333	0.407891
Q3U344;P84078;P ADP-ribosylation factor 1;ADP-ribo Arf3;Arf1;Arf2	28.9617	29.3524	11	20.601	305	913	0.554385	0.747396
Q6ZWR0;P61226 Ras-related protein Rap-2b Rap2b	25.2372	23.4406	7	20.504	146.05	98	0.421157	0.652022
P61264 Syntaxin-1B Stx1b	28.2539	27.2433	17	33.244	323.31	695	0.107236	0.435173
P61329;C6EQH1;A Fibroblast growth factor 12;Fibroblast Fgf12;Fgf14	21.3959	21.1869	4	27.399	7.4454	24	0.912397	0.948397
Q5BLJ9;P61358;Q9 60S ribosomal protein L27 Rpl27	24.0457	24.4353	4	15.798	9.9322	58	0.711937	0.843097
P61922;Q3V1S0 4-aminobutyrate aminotransferase Abat	26.2625	27.6119	27	56.451	323.31	332	0.038383	0.360705
P62071;Q9CTF6;A0 Ras-related protein R-Ras2;Ras-related Rras2;Rras	20.4694	20.6303	2	23.399	3.3726	8	0.886558	0.934228
Q4FZE6;P62082;F6 40S ribosomal protein S7 Rps7;Gm9493	23.499	24.4163	8	22.127	18.311	42	0.11517	0.434455
P62137;Q3U8W0;C Serine/threonine-protein phosphatase 1ca Ppp1ca	22.0314	22.3464	16	37.54	38.003	55	0.801033	0.902075
P62141 Serine/threonine-protein phosphatase 1cb Ppp1cb	24.1614	22.3744	16	37.186	58.698	78	0.219958	0.505682
Q542I9;P62192 26S protease regulatory subunit 4 Psmc1	21.69	24.0768	15	49.184	114.89	36	0.082542	0.433481
Q99KR1;P62196;Q 26S protease regulatory subunit 8 Psmc5	22.0301	22.1404	8	34.165	47.993	36	0.944302	0.966556

P62204;Q3UKW2;C Calmodulin;Calmodulin-like proteir	Calm1;CalmI3	27.3957	28.0741	9	16.837	171.56	107	0.114941	0.435636
Q497E9;P62242;Q540S ribosomal protein S8	Rps8	24.8357	25.0729	10	24.205	81.168	144	0.687971	0.831881
Q5SS40;P62259;Q814-3-3 protein epsilon	Ywhae	30.4168	30.2301	26	29.174	323.31	1777	0.516002	0.716695
Q9CWI9;Q497E1;Q40S ribosomal protein S23	Rps23	22.1751	21.8408	4	15.835	5.8491	21	0.740589	0.86241
Q3UC02;Q9DB79;P40S ribosomal protein S11	Rps11	23.9798	23.4445	12	18.431	20.16	67	0.803888	0.902129
Q921R2;Q5BLJ7;P640S ribosomal protein S13	Rps13	24.0535	25.4546	7	16.142	27.588	113	0.248505	0.529638
Q91VM2;P62320 Small nuclear ribonucleoprotein Sn	Snrpd3	22.1029	22.2456	3	13.985	8.4304	25	0.921459	0.954729
Q3U0D7;P62331 ADP-ribosylation factor 6	Arf6	20.5474	21.954	4	20.082	7.4139	21	0.284487	0.546201
Q8QZS9;Q14AQ1;P26S protease regulatory subunit 1C	Psmc6	20.9333	21.7755	9	33.053	53.776	39	0.628281	0.792502
P62482;E0CXZ9;Q3 Voltage-gated potassium channel s	Kcnab2	25.0752	24.9686	20	41.021	323.31	132	0.690468	0.831771
P62631 Elongation factor 1-alpha 2	Eef1a2	26.5409	27.6411	19	50.454	323.31	317	0.055657	0.408409
Q545F8;Q545X8;Q40S ribosomal protein S4;40S ribos	Rps4x;Rps4I;Grr	25.0383	24.9357	12	27.504	47.387	89	0.840857	0.919223
P62715;Q8VED4;Q Serine/threonine-protein phosphat	Ppp2cb	21.1936	20.4435	15	35.575	19.14	7	0.356954	0.599399
Q3UJ76;P62743;A0AP-2 complex subunit sigma	Ap2s1	26.7063	26.9001	5	17.018	30.541	148	0.679958	0.826545
Q4FJM5;P62746;Q Rho-related GTP-binding protein Rl	Rhob	25.7754	26.3358	9	22.123	30.742	152	0.416052	0.650385
P62748 Hippocalcin-like protein 1	Hpcal1	23.3029	22.3046	10	22.338	7.9403	19	0.613623	0.781992
Q8BT09;Q5BLK1;P40S ribosomal protein S6	Rps6	22.2117	21.9864	5	28.667	52.873	26	0.773285	0.879455
Q4W4C9;Q3TVC0;F Visinin-like protein 1	Vsnl1	26.6513	27.4697	13	22.142	52.357	263	0.443841	0.66784
P62774 Myotrophin	Mtpn	20.512	22.2489	1	12.861	16.715	19	0.48267	0.695651
Q544F7;Q3URD4;P Gamma-aminobutyric acid recepto	Gabra1	22.1729	21.5497	7	51.753	16.04	13	0.634896	0.794608
P62814 V-type proton ATPase subunit B, br	Atp6v1b2	28.5741	30.0459	29	56.55	323.31	1406	0.036422	0.359082
Q5SW88;Q3UB66;C Ras-related protein Rab-1A	Rab1;Rab1A	27.3692	27.8336	9	22.372	118.98	404	0.417861	0.65068
Q3TU26;Q542T7;P Ras-related protein Rab-3C	Rab3c	23.7796	24.3299	7	25.623	56.174	89	0.663633	0.815959
Q3ULW0;P62827;C GTP-binding nuclear protein Ran	Ran;1700009N1	26.5642	26.9767	11	24.351	71.565	337	0.444514	0.667602
P62830 60S ribosomal protein L23	Rpl23	21.4562	22.7722	4	14.865	6.1406	30	0.478206	0.692946
Q58EA6;P62852 40S ribosomal protein S25	Rps25	25.3151	25.8633	4	13.742	9.7437	73	0.367227	0.604026
Q497N1;P62855 40S ribosomal protein S26	Rps26	23.9736	25.0545	3	13.015	6.9271	43	0.414438	0.648492
P62869 Transcription elongation factor B p	Tceb2	21.2636	22.4492	3	13.17	6.5232	32	0.534745	0.730727
Q3TQ70;P62874;Q Guanine nucleotide-binding proteir	Gnb1	30.0786	28.2184	16	37.377	323.31	1089	0.09076	0.432795
Q3U9V4;P62880;E Guanine nucleotide-binding proteir	Gnb2	27.4988	26.0603	16	37.331	323.31	398	0.14744	0.458289
Q497D7;Q5PR15;Q60S ribosomal protein L30	Rpl30	20.2618	22.7813	2	12.656	8.1499	13	0.020646	0.313006
Q56A15;P62897 Cytochrome c, somatic	Cycs	28.3094	29.6361	11	11.605	59.962	358	0.120417	0.436817
Q5YLW3;P62908;Q40S ribosomal protein S3	Rps3	24.5197	24.6507	19	26.674	107.95	187	0.841384	0.918549

P62911;Q5PR09	60S ribosomal protein L32	Rpl32	21.5538	23.1887	5	15.86	9.272	22	0.40729	0.640426
Q3UJS0;P62918;Q3	60S ribosomal protein L8	Rpl8	24.5566	23.4468	4	28.066	42.865	47	0.206658	0.498648
Q5SW18;P63005;Q	Platelet-activating factor acetylhyd Pafah1b1		24.4031	25.1379	21	46.67	323.31	114	0.452518	0.672707
Q0PD63;P63011	Ras-related protein Rab-3A	Rab3a	28.6515	28.9859	8	24.97	323.31	764	0.533196	0.729851
Q3UBA6;Q3TH56;C	Heat shock cognate 71 kDa protein Hspa8		30.0903	30.7138	41	70.898	323.31	2328	0.168332	0.47292
P63028;D3YU75	Translationally-controlled tumor pr Tpt1		24.9478	25.9212	4	19.462	16.829	40	0.187592	0.483885
Q3UX28;Q3TCV4;P	Mitochondrial pyruvate carrier 1	Mpc1	21.5604	21.9233	5	12.454	105.83	18	0.847314	0.920023
Q5NTY0;Q3TK61;P	DnaJ homolog subfamily A membe Dnaja1		22.0004	22.5958	6	44.868	58.808	28	0.671105	0.821376
P63038	60 kDa heat shock protein, mitoch	Hspd1	28.0722	29.286	44	60.955	323.31	896	0.102471	0.434488
P63040	Complexin-1	Cplx1	20.5682	22.9743	4	15.122	8.0009	9	0.097648	0.433482
Q8BQV8;P63046	Sulfotransferase;Sulfotransferase 4 Sult4a1		22.0422	20.922	7	32.971	25.388	23	0.385078	0.617585
Q3TK95;P63073;A	C Eukaryotic translation initiation fac Eif4e		22.4751	23.7459	5	25.053	8.2517	32	0.474331	0.688572
P63085;Q3UF82;O	Mitogen-activated protein kinase 1 Mapk1;Erk2		27.344	26.8714	27	41.275	323.31	581	0.282925	0.547125
Q6ZWM8;Q3U7K1;	Serine/threonine-protein phosphat Ppp1cc		26.0956	25.7457	17	36.983	323.31	292	0.73636	0.858107
Z4YKV1;P63094;Q	Guanine nucleotide-binding protein Gnas		20.8227	23.1195	13	44.178	144.16	41	0.090605	0.433339
P63101	14-3-3 protein zeta/delta	Ywhaz	31.2344	31.3424	23	27.771	323.31	1372	0.810376	0.903729
P63141;P16390	Potassium voltage-gated channel s Kcna2;Kcna3		22.5075	21.7448	7	56.7	28.304	38	0.493905	0.703639
P63213	Guanine nucleotide-binding protein Gng2		25.7231	26.6518	5	7.8501	39.68	70	0.193513	0.49205
Q4KL81;P63260;Q	Actin, cytoplasmic 2;Actin, cytoplas Actg1		30.6208	30.7193	25	41.792	323.31	704	0.81795	0.909022
Q3UN66;P63318;Q	Protein kinase C;Protein kinase C g Prkcg		28.0668	27.2572	39	78.357	323.31	746	0.408731	0.641436
Q9CXY0;P63321	Ras-related protein Ral-A	Rala	24.2015	26.0093	8	23.596	70.284	150	0.213696	0.502061
Q5M9K7;Q3U9P0;F	40S ribosomal protein S10	Rps10	22.2587	22.9741	6	18.916	35.568	53	0.776495	0.881857
P63330	Serine/threonine-protein phosphat Ppp2ca		25.9868	24.88	15	35.608	323.31	292	0.148569	0.457376
P67778;Q5SQG5;Q	Prohibitin	Phb	26.4711	27.2032	16	29.82	197.11	411	0.258512	0.532601
Q561N4;P68037;Q	Ubiquitin-conjugating enzyme E2 L Ube2l3		22.8209	23.77	5	17.861	9.6817	21	0.150399	0.459488
P68040	Guanine nucleotide-binding protein Gnb2l1		24.552	23.5793	16	35.076	269.22	110	0.228809	0.515703
P68368;A0A0A0M	C Tubulin alpha-4A chain	Tuba4a	27.8879	29.4744	33	49.924	323.31	904	0.020431	0.318764
P68369;Q5FW91;P	Tubulin alpha-1A chain;Tubulin alpi Tuba1a;Tuba3a		27.9117	29.4212	34	50.135	98.712	983	0.204932	0.498979
P68372;Q9DCR1;Q	Tubulin beta-4B chain	Tubb4b	31.8498	33.0162	32	49.83	323.31	7105	0.123907	0.439555
Q52L87;P68373	Tubulin alpha-1C chain	Tuba1c	22.6123	27.4568	34	49.909	52.359	321	0.169544	0.473839
P68404	Protein kinase C beta type	Prkcb	25.7959	25.2792	27	76.75	323.31	202	0.321104	0.577197
P68510	14-3-3 protein eta	Ywhah	28.3512	28.1275	16	28.211	323.31	455	0.77818	0.883147
Q3TFE8;P70168;Q	Importin subunit beta-1	Kpnb1	25.8655	24.855	24	97.112	323.31	156	0.068107	0.425866

Q5D098;P70195	Proteasome subunit beta type;Pro	Psmb7	23.2816	23.7191	7	29.76	26.617	35	0.261239	0.53411
Q14BZ3;P70202	Latexin	Lxn	24.2178	24.0639	3	25.492	44.271	49	0.845528	0.919326
P70206;Q3U3W7	Plexin-A1	Plxna1	22.2813	21.0009	12	211.1	21.907	12	0.176471	0.480659
P70232	Neural cell adhesion molecule L1-li	Chl1	22.1327	19.7131	7	135.07	46.626	13	0.011456	0.28765
Q5EBQ2;Q3TGC5;P	Phosphatidylethanolamine-binding	Pebp1	28.734	29.6304	11	20.83	323.31	500	0.244433	0.530816
P70333;Q3UR26	Heterogeneous nuclear ribonucleo	Hnrnph2	22.1673	21.6278	9	49.279	123.06	20	0.734692	0.858031
P70336;F8VPK5;Q6	Rho-associated protein kinase 2;Rh	Rock2	24.7891	21.6863	30	160.58	312.56	56	0.103356	0.433662
P70349;B0R1E3	Histidine triad nucleotide-binding	Hint1	25.4361	23.953	4	13.777	20.902	65	0.41849	0.65103
Q8BTQ1;Q8BW03;Q	ELAV-like protein;ELAV-like protein	Elavl1	21.6722	20.5672	7	33.757	73.894	32	0.501306	0.707907
Q4FE56;P70398	Ubiquitin carboxyl-terminal hydroly	Usp9x	24.4262	21.9699	32	290.21	167.31	72	0.13016	0.444091
Q3TKM5;Q3TGZ3;F	Isocitrate dehydrogenase [NAD] su	Idh3g	26.9916	26.0634	14	42.314	323.31	368	0.320292	0.577675
Q3TG37;P70441;Q	Na(+)/H(+) exchange regulatory co	Slc9a3r1	22.4434	24.3228	14	38.6	282.46	53	0.106956	0.435134
Q3UYK7;Q3TYD5;P	SPARC-like protein 1	Sparcl1	21.4429	19.471	3	72.299	6.2023	10	0.021348	0.311881
P70670;Q3UK68;Q	Nascent polypeptide-associated co	Naca	22.0951	20.7957	4	220.5	66.912	26	0.372311	0.608032
Q5DTG0;P70704;A	Phospholipid-transporting ATPase;	Atp8a1	25.6722	22.9551	28	134.68	292.44	139	0.227066	0.515388
Q3TIJ7;Q3TET0;P8	T-complex protein 1 subunit eta	Cct7	25.1812	26.1954	23	59.652	323.31	162	0.085543	0.428249
Q542X7;P80314;Q	T-complex protein 1 subunit beta	Cct2	25.592	27.0145	32	57.477	323.31	213	0.01707	0.315302
Q564F4;Q3UJZ8;Q	T-complex protein 1 subunit delta	Cct4	24.6662	24.9757	20	58.066	323.31	155	0.600591	0.77772
P80316	T-complex protein 1 subunit epsilon	Cct5	25.4697	26.3345	24	59.623	323.31	188	0.056904	0.411915
Q52KG9;Q3TW97;C	T-complex protein 1 subunit zeta	Cct6a	25.0717	26.0076	20	58.076	323.31	162	0.072422	0.420153
Q3U4U6;P80318;E	T-complex protein 1 subunit gamma	Cct3	25.3476	26.1757	28	60.629	323.31	284	0.091798	0.430087
P84075;E9PV73;A2	Neuron-specific calcium-binding pr	Hpca	28.304	28.8863	13	22.427	65.99	476	0.592436	0.772137
P84084	ADP-ribosylation factor 5	Arf5	24.8606	24.7396	11	20.529	19.46	48	0.831599	0.915328
P84086	Complexin-2	Cplx2	26.3607	26.2054	5	15.394	14.825	69	0.768815	0.877475
Q5FWI9;P84091;Q	AP-2 complex subunit mu	Ap2m1	27.0494	27.836	26	49.654	323.31	539	0.14354	0.456769
P97300;H3BIX4;Z4	Neuroplastin	Nptn	26.9776	27.1451	14	44.373	242.7	308	0.384047	0.616547
Q4FJX4;P97315	Cysteine and glycine-rich protein 1	Csrp1	26.2753	27.2642	7	20.583	58.342	108	0.037081	0.356818
Q564F3;Q3UJU5;Q	40S ribosomal protein S3a	Rps3a1;Rps3a	24.9198	24.0544	11	29.885	36.481	127	0.289563	0.546801
Q3U931;Q542W3;C	Ras GTPase-activating protein-bind	G3bp2	22.7511	23.6277	11	50.647	41.219	35	0.344908	0.590903
P97384;D3Z7U0	Annexin A11;Annexin	Anxa11	20.0698	21.4179	8	54.079	51.377	24	0.218776	0.505133
Q3THX4;P97390	Vacuolar protein sorting-associate	Vps45	20.4849	20.6483	8	65.038	17.495	18	0.873784	0.933624
P97427	Dihydropyrimidinase-related prote	Crmp1	21.5179	22.005	30	62.167	3.3865	12	0.808318	0.902687
P97492	Regulator of G-protein signaling 14	Rgs14	20.5882	22.4873	11	59.846	48.301	22	0.142026	0.454654

Q544A1;Q3TRG5;Q WW domain-binding protein 2	Wbp2	21.7797	22.8886	5	28.032	9.0958	17	0.439772	0.665455	
P97807	Fumarate hydratase, mitochondria Fh	26.3855	27.1775	22	54.356	323.31	352	0.176017	0.481054	
P99024	Tubulin beta-5 chain	Tubb5	27.9315	29.5555	29	49.67	323.31	559	0.037524	0.354716
P99026	Proteasome subunit beta type-4	Psmb4	22.9906	24.6453	6	29.116	24.568	61	0.183174	0.484146
Q3UWS9;Q3U7H9; Peroxiredoxin-5, mitochondrial	Prdx5	28.0164	29.3484	11	20.713	194.63	598	0.222311	0.509633	
Q543R4;Q00493	Carboxypeptidase E	Cpe	22.8617	24.7242	14	53.255	323.31	68	0.065254	0.422835
Q790Y8;Q00612;Q Glucose-6-phosphate 1-dehydroge	G6pdx	20.5634	22.2099	12	59.262	18.47	13	0.200901	0.498223	
Q3V2G1;Q00623;Q Apolipoprotein A-I;Proapolipoprote	Apoa1	24.9893	24.5396	11	30.684	26.581	74	0.51279	0.714704	
Q00898	Alpha-1-antitrypsin 1-5	Serpina1e	21.3506	20.7376	8	45.891	5.2635	8	0.101768	0.43495
Q00PI9	Heterogeneous nuclear ribonucleo	Hnrnpul2	22.6578	20.8244	9	84.939	97.7	33	0.151214	0.460228
Q6PDS5;Q9DBS6;Q Calcium/calmodulin-dependent 3,5	Pde1b	19.7674	21.1423	9	52.536	18.327	20	0.267642	0.534952	
Q01853;Q8BNF8	Transitional endoplasmic reticulum	Vcp	27.5883	26.2983	40	89.321	323.31	625	0.274116	0.540496
Q3UZT7;Q02248;E Catenin beta-1	Ctnnb1	25.6715	24.3078	30	85.496	323.31	186	0.112803	0.43367	
Q03137;Q99KA8	Ephrin type-A receptor 4;Receptor	Epha4	23.693	21.7442	15	109.81	95.933	47	0.008221	0.259043
Q03265;D3Z6F5	ATP synthase subunit alpha, mitocl	Atp5a1	30.0723	31.24	36	59.752	323.31	3130	0.056684	0.412176
Q04447	Creatine kinase B-type	Ckb	30.5381	30.6595	23	42.713	323.31	3296	0.803157	0.902568
Q497I3;Q05816;Q3 Fatty acid-binding protein, epiderr	Fabp5	24.2929	26.3928	9	15.137	31.359	80	0.204428	0.498508	
Q05DT0;Q3UNK1;C Gamma-adducin	Add3	24.6006	23.9671	22	75.105	320.68	97	0.294179	0.551628	
Q06138;Q8K312	Calcium-binding protein 39	Cab39	22.222	21.3582	12	39.842	20.423	48	0.280682	0.546072
Q5EBI8;Q06185;Q ATP synthase subunit e, mitochonc	Atp5k;Atp5i	26.9263	27.6753	6	8.2364	53.057	234	0.456567	0.676849	
Q549A5;Q06890;E Clusterin;Clusterin;Clusterin beta c	Clu	23.275	23.8608	11	51.655	43.708	50	0.648327	0.802048	
Q922A2;Q3TJ49;Q Annexin;Annexin A7	Anxa7	23.2884	24.1697	13	49.909	247.67	107	0.24694	0.531946	
Q08331;Q8CCS7	Calretinin	Calb2	24.5816	25.0331	11	31.372	62.971	106	0.228259	0.516638
Q0KL02	Triple functional domain protein	Trio	23.3319	20.3046	19	347.86	221.79	35	0.05462	0.408256
Q0PD15;Q8BHD0	Ras-related protein Rab-39A	Rab39;Rab39a	21.7923	19.9538	3	24.977	12.823	34	0.232538	0.518293
Q0PD62;Q9CZT8;A Ras-related protein Rab-3B	Rab3b	23.4727	21.8426	5	24.757	50.084	19	0.194947	0.491805	
Q0PD66;Q9D1G1;C Ras-related protein Rab-1B	Rab1b	22.5305	20.8064	7	22.187	57.535	29	0.229136	0.514996	
Q0QEZ4;Q9CQA3;C Succinate dehydrogenase [ubiquin	Sdhb	25.647	25.5176	12	27.208	67.685	210	0.772356	0.879643	
Q0VB06;Q571F3;Q Adaptin ear-binding coat-associate	Necap1	24.393	23.4869	7	29.639	119.71	110	0.254163	0.52702	
Q0VE82;Q8BIJ1	Copine-7	Cpne7	19.4197	20.858	6	61.89	18.403	8	0.207821	0.495502
Q0VF59;Q8BJ42;Q Disks large-associated protein 2	Dlgap2	20.7778	21.0281	4	119.27	9.7564	6	0.74599	0.863693	
Q11011;E9Q039;F Puromycin-sensitive aminopeptida	Npepps	26.6014	25.1598	41	103.32	323.31	318	0.122661	0.439013	
Q14BB9	MAP6 domain-containing protein 1	Map6d1	21.6157	22.8884	3	20.432	17.021	22	0.421038	0.652467

Q14BH8;E9Q1X8;O Voltage-dependent calcium channel	Cacna2d1	25.0203	20.9373	19	122.7	294.44	79	0.010558	0.282783
Q14C38;Q8CCT4	Transcription elongation factor A p Tceal5	24.3287	24.3024	7	22.038	19.768	67	0.950889	0.970209
Q9D6G1;Q544Z3;Q Heterogeneous nuclear ribonucleo	Hnrnpab	23.2257	21.7539	8	29.922	16.747	60	0.12983	0.444855
Q2M3X8;B1B1B8	Phosphatase and actin regulator 1; Phactr1	21.5896	21.9624	6	66.285	15.581	15	0.698553	0.83277
Q2TBF9;Q9CQV6;J Microtubule-associated proteins 1	Map1lc3b;Gm5	24.3436	24.4827	4	14.665	6.7393	41	0.897437	0.93892
Q2UZW7;Q6PER3;A Microtubule-associated protein RP	Mapre3	25.0029	25.0936	17	31.966	215.57	157	0.908901	0.948444
Q2YDW1;Q3UGC7;Eukaryotic translation initiation fac	Eif3j;Eif3j1;Eif3j	20.8941	20.8071	4	25.276	7.0319	6	0.859123	0.925963
Q8C5R8;Q32M04	Prps1l1	22.1457	21.3196	6	34.82	14.306	9	0.611779	0.781502
Q3KNM9;Q9DCZ4	Apolipoprotein O Apoo	25.6837	21.4413	5	18.826	18.764	32	0.11168	0.434552
Q3ZB62;Q3T1F6	Mag	25.4376	23.5612	12	64.296	277.85	179	0.112247	0.433606
Q3TN93;Q3T992;Q Ubiquilin-1	Ubqln1	20.149	21.4586	6	58.678	50.008	18	0.161934	0.46888
Q3T9Z2;Q91Z53;D Glyoxylate reductase/hydroxypyru	Grhpr	23.6057	21.5099	12	35.328	70.131	71	0.216849	0.503578
Q3TA40;Q8R0A7;Q Uncharacterized protein KIAA0513	6430548M08Ril	20.2375	22.0586	8	45.218	44.737	29	0.085473	0.429237
Q543B9;Q3TCS0;Q Prolyl endopeptidase	Prep	22.6479	22.3384	11	80.751	61.658	23	0.721842	0.851064
Q3TD71;Q8K021;Q Secretory carrier-associated memb	Scamp1	25.0827	22.2358	8	38.028	248.33	82	0.004469	0.211213
Q3TDA7;Q9WVE8;C Protein kinase C and casein kinase	Pacsin2	19.9242	21.1292	6	55.832	39.436	9	0.497828	0.704855
Q3TDD8;Q3UGC0;C Eukaryotic translation initiation fac	Eif4b	22.4672	22.0059	7	68.709	98.77	19	0.675751	0.824549
Q3TDK6	Protein rogdi homolog Rogdi	23.5232	23.2312	11	32.1	57.399	56	0.393166	0.624943
Q3TDN8;Q8R164	Valacyclovir hydrolase Bphl	22.9654	24.8793	12	33.705	42.274	93	0.228892	0.515167
Z4YKA3;Z4YKB8;Q3 Heterochromatin protein 1-binding	Hp1bp3	21.9518	20.7294	7	56.824	36.853	22	0.473773	0.689632
Q5PPQ7;Q499X7;Q Coronin;Coronin-1C	Coro1c	25.2138	25.7268	18	53.092	321.51	171	0.314266	0.574545
Q3UGM1;Q3TEX7;C Mitofusin-2	Mfn2	21.6535	21.0501	10	86.259	24.474	13	0.138868	0.45543
Q4FK11;Q3UM20;C Non-POU domain-containing octan	Nono	23.7494	24.8131	14	54.54	206.3	65	0.128426	0.444786
Q3TF84;Q922Q8	Leucine-rich repeat-containing pro Lrrc59	21.6076	20.7049	3	20.408	14.021	32	0.316803	0.575257
Q3TMC5;Q3TF87;C Aspartate--tRNA ligase, cytoplasmic	Dars	23.7317	24.7565	22	57.181	166.84	91	0.013094	0.296355
Q3TG12;Q9CZU5;Q Phenylalanine--tRNA ligase beta su	Farsb	22.6088	22.9525	9	65.565	38.296	40	0.559939	0.747981
Q6PAC1;Q3UCW8;C Gelsolin	Gsn	23.0305	21.5018	10	80.762	34.898	25	0.189361	0.486885
Q80ZZ0;Q3TGS1;Q EH domain-containing protein 1	Ehd1	21.4935	22.5451	23	60.602	29.013	21	0.289501	0.547327
Q3TGS9;V9GWV1;ADP-ribosylation factor GTPase-act	Arfgap1	21.0827	21.5553	6	43.183	27.49	33	0.464915	0.682923
Q3ULF7;Q3TWJ4;Q Actin-related protein 3	Actr3	26.457	27.0374	22	47.357	323.31	428	0.425204	0.655132
Q3TH64;Q9CQX2;C Cytochrome b5 type B	Cyb5b	25.9974	25.8708	6	16.246	123.17	101	0.769134	0.877216
Q3THA6;Q8BL97	Serine/arginine-rich splicing factor Srsf7	22.6726	22.3573	7	27.377	26.834	37	0.717864	0.847618
Q3THB3;Q570Z0;Q Heterogeneous nuclear ribonucleo	Hnrnpm	23.2351	23.1348	13	73.74	61.054	39	0.870707	0.93344

Q3THC1;Q3ULI3;Q26S proteasome non-ATPase regul; Psmd9	22.3176	22.0274	5	24.692	9.8711	20	0.832075	0.913975
Q6ZWQ9;Q3THE2;C Myosin regulatory light chain 12B;I Myl12a;Myl12b	23.6978	24.0003	4	19.895	14.387	27	0.725953	0.854657
Q3THH1;Q922R8;Q Protein disulfide-isomerase A6 Pdla6	21.8063	23.0912	9	48.657	218.96	45	0.083834	0.433186
Q8BU29;Q6NXZ0;C Dipeptidyl peptidase 3 Dpp3	22.4536	22.4396	14	82.882	34.968	24	0.980878	0.986402
Q3THQ5;Q60864 Stress-induced-phosphoprotein 1 Stip1	25.4058	26.8025	28	62.5	323.31	272	0.117174	0.435877
Q3THU8;Q8VEM8;C Phosphate carrier protein, mitochc Slc25a3	27.4436	26.5253	16	39.613	323.31	433	0.321089	0.577817
Q3TXV1;Q3TKV1;Q 26S proteasome non-ATPase regul; Psmd2;Gm5422	24.582	23.2916	23	100.14	153.29	73	0.071246	0.422482
Q6NZD2;Q3U4S1;C Sorting nexin-1 Snx1	22.2437	23.1606	13	58.878	145.71	32	0.165638	0.47195
Q3TIC8;Q9CZ13;Q3 Cytochrome b-c1 complex subunit Uqcrc1	27.2726	28.1288	21	52.752	323.31	660	0.070632	0.423528
Q3TIU7;Q91VD9;Q NADH-ubiquinone oxidoreductase Ndufs1	27.8396	27.3254	37	79.662	323.31	633	0.655745	0.809357
Q8C292;Q8C1V4;Q Lysine--tRNA ligase Kars	20.3833	20.2192	6	67.883	16.204	13	0.877457	0.933205
Q3TJ01;Q99LF4 tRNA-splicing ligase RtcB homolog RtcB	21.8366	23.342	15	55.253	113.71	38	0.139222	0.455661
Q3TMZ1;Q3TJ21;Q Pyrroline-5-carboxylate reductase; Pycr2	20.821	20.5605	7	33.659	13.487	11	0.798667	0.901305
Q3U3C4;Q3TRJ7;Q Endophilin-A2 Sh3gl1	19.7157	22.9319	13	41.532	28.768	12	0.087175	0.431047
Q6GQU1;Q3TJE3;Q Hexokinase;Hexokinase-1 Hk1	29.5315	28.306	52	102.3	323.31	1467	0.102158	0.435461
Q3TKM9;Q9CPW4; Actin-related protein 2/3 complex Arpc5	24.3012	26.7264	3	16.228	24.134	102	0.08658	0.430755
Q5SUR3;Q3TL58;Q S-phase kinase-associated protein Skp1a;Skp1	24.2991	22.5772	3	18.672	27.054	23	0.240342	0.528357
Q66JT6;Q3TL72;Q8 NEDD8-activating enzyme E1 cataly Uba3	20.3475	19.6674	3	49.283	8.1131	3	0.329547	0.580047
Q3TL79;Q8BK64 Activator of 90 kDa heat shock pro Ahsa1	22.4801	22.2882	9	38.145	54.146	54	0.892778	0.937096
Q3TLE2;Q8CIB5;Q3 Fermitin family homolog 2 Fermt2	22.4812	21.1033	4	77.8	19.339	8	0.108499	0.43265
Q3TMH2 Secernin-3 Scrn3	19.6662	21.1986	4	47.661	13.271	5	0.084024	0.432776
Q542H2;Q3TN31;Q Proteasome subunit alpha type;Prc Psma7	25.4881	25.5457	11	27.855	96.689	142	0.932467	0.961176
Q3TN35;Q8BJU0 Small glutamine-rich tetratricopept SgtA	22.5036	20.6764	8	34.194	35.837	34	0.179823	0.481626
Q4VAE6;Q3TN61;Q Transforming protein RhoA;Rho-re Rhoa;Rhoc	26.534	27.4085	10	21.782	82.937	245	0.275463	0.542487
Q3TPD9;Q3U2X5;C Amine oxidase [flavin-containing] A Maoa	22.6419	22.8498	7	58.786	30.629	34	0.381823	0.616054
Q3U8A5;Q3TPX4;E Exocyst complex component 5 Exoc5	20.5746	21.0587	6	81.748	11.161	8	0.024913	0.310355
Q3TPZ5;Q99KJ8 Dynactin subunit 2 Dctn2	23.509	24.7521	18	44.116	323.31	93	0.252741	0.52816
Q3TQP6;P06801;Q Malic enzyme;NADP-dependent m Me1	23.5211	23.2996	15	61.48	226.27	46	0.843018	0.919084
Q3TQY2;Q8CBY8 Dynactin subunit 4 Dctn4	19.7122	21.5504	5	52.241	35.214	13	0.064952	0.422581
Q3TR90;Q9JMG7 Hepatoma-derived growth factor-r Hdgrfp3	23.0089	22.6438	3	19.822	5.6338	30	0.70025	0.83294
Q3TRJ1;Q9EQH3;Q Vacuolar protein sorting-associated Vps35	26.0251	25.3664	29	91.712	323.31	237	0.259414	0.533092
Q3UZI3;Q3TW51;Q Staphylococcal nuclease domain-cc Snd1	23.0341	21.9192	18	102.09	106.13	46	0.17605	0.480328
Q3TS44;Q9R1P4;A Proteasome subunit alpha type;Prc Psma1	25.1889	25.3296	14	29.546	88.826	195	0.645019	0.80104

Q3TSX8;Q80TT4;Q6 Mitochondrial import receptor sub Tomm70a	24.9006	25.3153	21	67.571	323.31	148	0.540422	0.735981
Q3TT94;Q571J7;Q6 Serine/threonine-protein phosphatase 2a	23.4924	25.4604	13	51.691	323.31	100	0.009714	0.283815
Q3UPK6;Q3TUX3;C Proteasome subunit alpha type;Prc Psma5;Gm8394	24.6304	23.2473	7	26.411	71.727	73	0.520115	0.719299
Q3UYP2;Q3TVT6;Q6 Prenylcysteine oxidase Pcyox1	21.5259	21.2422	10	56.466	45.263	19	0.836076	0.915865
Q3U4M7;Q3TW28; Tripeptidyl-peptidase 2 Tpp2	24.1315	21.2641	27	138.39	123.16	68	0.008207	0.26377
Q3TW74;Q922D8;C C-1-tetrahydrofolate synthase, cytosolic Mthfd1	23.3099	21.4046	18	101.17	118.35	37	0.064212	0.419466
Q3TWG5;Q8R1Q8 Cytoplasmic dynein 1 light intermediate domain Dync1li1	23.7399	24.6155	15	56.614	270.4	94	0.185612	0.484218
Q3TWT2;Q91VH6 Protein MEMO1 Memo1	20.256	20.3777	1	34.3	4.0065	4	0.755367	0.868294
Q5RKP0;Q499X4;Q6 Synaptic vesicle membrane protein 1 Vat1	22.8701	23.7079	11	42.521	109.47	42	0.134139	0.448153
Q8JZN2;Q3U4S7;Q6 Cold shock domain-containing protein Csde1	22.3774	21.935	8	85.652	19.238	14	0.440481	0.665275
Q99JZ4;Q3TXJ4;P3 GTP-binding protein SAR1a Sar1a	22.858	22.9117	6	22.399	14.909	30	0.969259	0.979007
Q3TXS7;Q8BU34;Q6 26S proteasome non-ATPase regulatory subunit 1 Psmd1	22.5712	21.4687	13	105.73	50.492	25	0.172876	0.477339
Q3UXP2;Q3TXT7;Q6 RuvB-like 2 Ruvbl2	20.2655	21.4435	7	51.143	22.481	12	0.247694	0.530725
Q3UGK7;Q3UQ99;C Neural Wiskott-Aldrich syndrome protein Wasl	19.7653	22.077	6	44.518	22.497	12	0.001289	0.172637
Q3TY06;Q9DC61;Q6 Mitochondrial-processing peptidase Pmpca	19.8593	21.9002	8	57.702	21.597	13	0.024326	0.312737
Q3URF1;Q3TY32;Q6 Synaptopodin Synpo	24.0976	23.843	15	74.016	233	84	0.282617	0.547846
Q8C3Z4;Q3TYK4;Q6 cAMP-dependent protein kinase type II Prkar1a	21.6846	23.3377	7	45.526	27.959	28	0.044482	0.374258
Q6DFY2;Q3TYL3 Opioid-binding protein/cell adhesion molecule Opcml	23.5114	25.5773	8	37.156	130.06	93	0.058595	0.411191
Q3TZE2;Q7TQG7;Q6 Disintegrin and metalloproteinase 1 Adam11	20.5562	21.695	6	84.038	31.334	10	0.292322	0.550071
Q3U0T9;Q6PHN9 Ras-related protein Rab-35 Rab35	22.8898	23.7266	5	23.025	18.941	49	0.502772	0.708732
Q3U0V1 Far upstream element-binding protein Khsrp	23.3436	22.6693	12	76.775	131.03	36	0.374285	0.609399
Q3U125;Q9CYH2;D Redox-regulatory protein FAM213/ Fam213a	22.4934	22.4462	9	25.682	14.488	44	0.958548	0.972466
Q5PPR2;Q3U1G4;C Exocyst complex component 1 Exoc1	21.3306	19.7364	5	100.19	10.207	6	0.010832	0.285363
Q3U1J4;Q91YC8 DNA damage-binding protein 1 Ddb1	24.3091	21.4107	24	126.85	181.76	84	0.06692	0.426747
Q3U1V3;Q99MK8;C Beta-adrenergic receptor kinase 1 Adrbk1	21.9756	20.4922	7	79.638	20.937	19	0.141403	0.453563
Q3U2G2;Q571M2;C Heat shock 70 kDa protein 4 Hspa4	26.9875	24.296	44	94.208	323.31	326	0.035524	0.359034
Q3U3T6;Q3U335;C Serine/threonine-protein kinase 24 Stk24;Stk26	19.6413	22.4719	6	47.954	9.1905	9	0.077228	0.425017
Q3U379;Q9QZF2 Glypican-1;Secreted glypican-1 Gpc1	23.454	21.0429	10	61.359	82.55	38	0.044739	0.374457
Q80X31;Q3UDC9;C Sodium/hydrogen exchanger;Sodium Slc9a1	22.5614	20.245	5	91.499	20.102	9	0.247004	0.531373
Q7TPT7;Q790I0;Q3 Valine--tRNA ligase Vars	23.2983	21.0381	23	140.23	160.49	29	0.092123	0.430353
Q3U489;Q9WUR9;C Adenylate kinase 4, mitochondrial Ak4	25.7886	26.3882	11	25.061	43.855	192	0.444515	0.66698
Q8R1S6;Q3U4S9;Q6 Coatamer subunit delta Arcn1	20.1184	21.4894	6	47.964	32.861	8	0.107821	0.434257
Q8R0M2;Q3U548;C UTP--glucose-1-phosphate uridylyltransferase Ugp2	23.578	24.431	11	55.497	216.64	68	0.350545	0.594225

Q5XJF6;Q3U561;P5 Ribosomal protein;60S ribosomal p Rpl10a	23.0686	22.6977	10	24.831	16.569	44	0.691575	0.831857
Q91VZ1;Q3U5L3;Q Sorting nexin-2 Snx2	20.4615	22.1836	10	58.452	37.978	13	0.146783	0.458911
Q9D066;Q924B0;Q Inositol monophosphatase 1 Impa1	25.3121	25.8815	14	30.395	228.45	199	0.180972	0.482293
Q3UCC6;Q3U6C7;C Succinyl-CoA ligase subunit beta;Su Suc1a2	26.4165	26.359	27	50.796	323.31	370	0.920324	0.954784
Q3U6P5;Q9Z204 Heterogeneous nuclear ribonucleo Hnrnpc	23.8512	22.3626	9	36.905	60.365	80	0.318965	0.577876
Q3U6U7;Q3UDG2;C Tryptophan--tRNA ligase, cytoplasmic Wars	22.7299	24.0376	14	53.64	93.933	57	0.084464	0.4309
Q3U7Z6;Q9DBJ1;Q Phosphoglycerate mutase 1 Pgam1	30.3471	30.6723	20	28.832	323.31	1261	0.550878	0.746425
Q9D094;Q8VDX8;C Histidine--tRNA ligase, cytoplasmic Hars	21.078	21.3039	9	57.543	58.081	16	0.7996	0.901092
Q3UBF4;Q3U8R9;C Thioredoxin-like protein 1 Txnl1	22.9395	21.1651	9	32.328	49.469	38	0.254414	0.526859
Q3U8S0;Q9DCR2 AP-3 complex subunit sigma-1 Ap3s1	21.9236	21.0632	2	21.732	5.0574	9	0.145663	0.458083
Q8VHM5;Q3UMT8;Q3U8W9;Q99KG1;Q3UZI0;Q3UKV5 Hnrnpr	20.6899	20.7554	10	70.887	18.287	14	0.940622	0.965249
Q3UA17;Q791V5;A Mitochondrial carrier homolog 2 Mtch2	25.4355	24.5735	12	33.489	128.26	210	0.151321	0.459685
Q3UBP6;Q3UBQ4 Uncharacterized protein Actb	32.9838	33.0851	25	41.768	323.31	5061	0.833722	0.914533
Q3UBU9;Q62446 Peptidyl-prolyl cis-trans isomerase; Fkbp3	22.9632	24.0986	6	25.147	12.918	24	0.046297	0.381533
Q3UC72;Q3UPA3;C Rab GDP dissociation inhibitor beta Gdi2	26.8374	27.8766	31	57.439	323.31	502	0.116477	0.435299
Q3UCF0;Q9R1P0;Q Proteasome subunit alpha type;Prc Psma4	23.7999	24.171	11	29.452	44.613	48	0.37911	0.613525
Q8C2Q8;Q9D9D7;C ATP synthase subunit gamma;ATP Atp5c1	28.1487	27.5372	14	30.255	148.62	573	0.307801	0.569201
Q3UD67;Q8BGQ7;C Alanine--tRNA ligase, cytoplasmic Aars	24.8856	21.7408	24	106.88	323.31	68	0.078914	0.426985
Q3UDQ7;Q8JZQ2;C AFG3-like protein 2 Afg3l2	21.6212	20.7234	11	88.748	17.59	14	0.140506	0.456146
Q3UKF5;Q3UE92;Q Xaa-Pro aminopeptidase 1 Xpnpep1	21.713	21.0686	9	69.59	31.912	30	0.5608	0.74851
Q9DC36;Q8CDE0;C Flotillin-2 Flot2	22.6433	23.3385	10	47.008	85.623	46	0.17084	0.47253
Q3UEW2;Q9WV69 Dematin Dmtn	23.3289	23.4842	10	43.069	60.283	60	0.683159	0.828556
Q3V331;Q3UG14;P Guanine nucleotide-binding protein Gnb5	23.7661	23.5931	9	38.765	90.139	66	0.840815	0.919802
Q3UGC8;Q91ZA3 Propionyl-CoA carboxylase alpha cl Pcca	24.1014	23.3147	18	79.921	134.64	73	0.481408	0.695078
Q3UGR5 Haloacid dehalogenase-like hydrolase Hdhd2	22.904	24.2961	7	28.73	34.54	113	0.311678	0.573075
Q3UGY7;Q6NS60 F-box only protein 41 Fbxo41	21.1722	21.11	6	94.33	12.443	7	0.805998	0.901977
Q3UGY8 Brefeldin A-inhibited guanine nucleotide exchange factor Arfgef3	20.959	19.8968	8	240.09	20.537	6	0.210734	0.499483
Q3UH19 Microtubule-associated protein Mapt	27.6636	27.6443	18	44.951	323.31	379	0.974947	0.982898
Q5SV64;Q3UH59;C Myosin-10 Myh10	27.1681	24.0733	81	232.47	323.31	297	0.090011	0.434376
Q3UHB1;Q692V2 5-nucleotidase domain-containing Nt5dc3	24.2143	24.9753	20	63.17	323.31	92	0.121048	0.436151
Q3UHD6;A0A0G2JF Sorting nexin-27 Snx27	20.2293	22.513	12	60.988	51.172	16	0.045209	0.376427
Q3UHD9 Arf-GAP with GTPase, ANK repeat domain Agap2	23.9127	22.2155	15	124.51	124.2	29	0.055304	0.409556
Q8R0Q6;Q3UHG5;C Tetraspanin;Tetraspanin-7 Tspan7	22.6395	19.3686	2	17.478	10.219	13	0.001471	0.131341

Q3UJH0	AP2-associated protein kinase 1	Aak1	25.8758	24.0485	30	103.35	323.31	172	0.010026	0.287698
Q3UHK5;Q6ZQ49;C	Sodium/potassium-transporting A1	Atp1a2	28.7836	25.7734	60	112.22	323.31	706	0.252284	0.52858
Q3UHL1;A0A0A6YV	CaM kinase-like vesicle-associated	Camkv	27.2005	27.3748	21	54.819	323.31	581	0.636254	0.794452
Q3UIH7;Q9JHK4;Q	Geranylgeranyl transferase type-2	Rabggta	21.1483	22.1933	12	65.058	82.914	23	0.332527	0.583374
Q8BSZ8;Q543H0;Q	Spermidine synthase	Srm	21.5525	21.1305	8	34.019	17.129	35	0.741933	0.862102
Q8BTJ1;Q543K5;Q	Phosphoserine aminotransferase	Psat1	23.8229	23.6556	16	40.473	101.51	144	0.895066	0.937049
Q3UM45	Protein phosphatase 1 regulatory s	Ppp1r7	24.4908	24.3993	21	41.291	323.31	136	0.898723	0.939654
Q3UMG4	Uncharacterized protein	Ina	22.7383	24.2559	19	37.277	54.689	49	0.013855	0.296865
Q3UMP4;Q9CY58;A	Plasminogen activator inhibitor 1 R	Serbp1	20.4644	23.8503	10	44.005	99.864	29	0.070716	0.422454
Q3UMR5	Calcium uniporter protein, mitochc	Mcu	23.2225	21.185	6	39.681	50.341	41	0.036658	0.357025
Q3UNH4	G protein-regulated inducer of neu	Gprn1	25.4079	23.6688	23	95.495	323.31	96	0.04873	0.387669
Q3URS8;Q3UNV7;C	Myeloid leukemia factor 2	Myf2	23.4671	23.2329	6	28.154	65.96	46	0.326742	0.578275
Q3UPL0;S4R2A9	Protein transport protein Sec31A	Sec31a	23.5109	21.2918	15	133.57	130.4	31	0.048864	0.386819
Q3UQD0;Q9QYA2	Mitochondrial import receptor sub	Tomm40	20.5234	20.8738	3	30.929	37.565	8	0.718427	0.847659
Q3UQM7;Q9Z127;C	Large neutral amino acids transpor	Slc7a5	21.8265	20.8007	4	55.872	10.492	10	0.285681	0.545236
Q3URG1;Q7TQD2	Tubulin polymerization-promoting	Tppp	27.85	28.3409	12	23.574	148.63	214	0.21731	0.50392
Q5M8R9;Q4FJN9;C	Farnesyl pyrophosphate synthase	Fdps	22.9063	22.1605	5	40.565	53.176	20	0.336783	0.586996
Q3USC7;Q8VE33;A	Ganglioside-induced differentiator	Gdap1l1	23.1411	23.2709	10	41.92	151.13	72	0.871878	0.933449
Q3USR5;Q80UW2	F-box only protein 2	Fbxo2	21.7387	20.9215	4	33.676	21.47	29	0.336818	0.586421
Q3UUG6;A0A0J9YL	TBC1 domain family member 24	Tbc1d24	21.1373	21.2198	8	63.235	37.284	23	0.9434	0.966864
Q3UUI3	Acyl-coenzyme A thioesterase THE	Them4	22.3643	21.2053	5	26.031	13.87	21	0.424152	0.655397
Q3UUU4;Q9R1T4	Septin-6	Sept6	25.4184	26.494	21	48.786	323.31	186	0.124953	0.440349
Q3UVL4	Vacuolar protein sorting-associater	Vps51	21.2478	20.3626	8	86.186	22.341	16	0.205043	0.498494
Q3UVN5;Q9CZ44;C	NSFL1 cofactor p47	Nsfl1c	23.2101	22.5629	14	40.953	106.11	64	0.601636	0.778445
Q3UW40;Q8BP67;C	60S ribosomal protein L24	Rpl24	22.8198	22.6295	5	18.252	24.163	52	0.916951	0.951899
Q505N7;Q3UW66;C	Sulfurtransferase;3-mercaptopyruv	Mpst	21.5749	20.6491	5	33.039	45.851	17	0.360506	0.600968
Q3UWU7;Q5PR73	GTP-binding protein Di-Ras2	Diras2	24.106	24.6331	9	22.498	55.115	100	0.12079	0.436199
Q5BKQ9;Q3UWW9	26S proteasome non-ATPase regul	Psm11	21.7212	23.3686	16	47.436	63.063	47	0.091197	0.431039
Q3UXI9;Q9CXY6	Interleukin enhancer-binding facto	Ilf2	20.4149	20.7303	6	43.01	21.015	12	0.802683	0.902667
Q8VC72;Q5M9P5;C	NADH dehydrogenase [ubiquinone	Ndufs8	23.8876	25.545	7	24.011	16.582	103	0.155848	0.468126
Q3UY21;Q80YU5;Q	Myelin-oligodendrocyte glycoprote	Mog	26.3097	27.2723	11	28.374	323.31	426	0.023358	0.315425
Q3UYK8;Q80UJ7;A	Rab3 GTPase-activating protein cat	Rab3gap1	21.1932	20.0235	10	110.14	41.1	17	0.164132	0.472688
Q3UZJ4;Q61151	Serine/threonine-protein phosphat	Ppp2r5e	21.1007	20.5709	9	50.83	21.884	14	0.700556	0.832687

Q921Z9;Q3V100;Q Mannose-6-phosphate isomerase	Mpi	19.2355	21.5463	4	46.513	16.399	11	0.006182	0.225782
Q3V117;Q3TED3;Q ATP-citrate synthase	Acly	25.6634	22.8444	34	120.79	323.31	143	0.009391	0.279459
Q3V156;Q91XL9;Q Oxysterol-binding protein;Oxysterc	Osbpl1a	20.4322	22.0685	7	63.433	61.822	17	0.186263	0.484344
Q564E5;Q3V244;Q Eukaryotic translation initiation fac	Eif4h;mKIAA003	23.0149	23.5256	9	27.341	37.525	37	0.633356	0.794538
Q3V386;Q8VHI6 Wiskott-Aldrich syndrome protein	Wasf3	21.7336	22.3295	8	55.217	26.278	20	0.215523	0.503408
Q3V3R1 Monofunctional C1-tetrahydrofolate	Mthfd1l	21.9957	21.5747	11	105.73	25.622	15	0.821382	0.910318
Q3V3U0;Q8CI94;Q Alpha-1,4 glucan phosphorylase;Gl	Pygb	28.0659	27.0596	54	96.715	323.31	1108	0.34518	0.59074
Q45VK5;Q45VK6;Q Interleukin enhancer-binding facto	Ilf3	21.1671	19.6184	7	76.347	23.366	9	0.102874	0.433907
Q4FJL2;Q8K0T0 Reticulon;Reticulon-1	Rtn1	27.713	27.9355	16	83.571	323.31	378	0.422712	0.6538
Q4FJR4;Q922H2;Q [Pyruvate dehydrogenase (acetyl-t	Pdk3	20.4283	22.307	9	47.922	24.175	19	0.417168	0.650231
Q4FJT0;Q5BL18;Q3 Matrin-3	Matr3	25.9342	23.4443	27	94.643	323.31	164	0.038624	0.360864
Q4FK36;Q9R0P5 Destrin	Dstn	26.5063	27.3798	10	18.521	78.237	223	0.444321	0.667937
Q4FK49;Q9D819;Q Inorganic pyrophosphatase	Ppa1	23.3145	23.2855	11	32.667	123.56	94	0.984961	0.98927
Q9DCZ0;Q9D0J2;Q ATP synthase subunit delta, mitoch	Atp5d	23.2796	26.3571	2	17.558	10.036	46	0.082317	0.433718
Q4FZK2;Q9D8N0;Q Elongation factor 1-gamma	Eef1g	25.0919	25.2822	14	50.06	240.54	147	0.848633	0.920211
Q4KL76;Q64433;Q 10 kDa heat shock protein, mitoch	Hspe1;Cpn10-rs	25.1632	25.8803	6	10.963	25.338	93	0.260329	0.53429
Q4KMM3;E9Q0A7 Oxidation resistance protein 1	Oxr1	25.9823	24.8453	32	95.911	323.31	190	0.024011	0.311171
Q4V9Z5 Seizure 6-like protein 2	Sez6l2	22.0553	20.1954	5	97.503	6.4659	7	0.001336	0.15341
Q4VA29;Q9CQE8 UPF0568 protein C14orf166 homol2700060E02Rik		20.8729	21.9132	4	28.152	20.523	13	0.385977	0.618411
Q4VA32;Q9CQR4 Acyl-coenzyme A thioesterase 13;A	Acot13	25.4153	26.2579	4	15.183	81.91	68	0.358652	0.600994
Q4VA93;P20444 Protein kinase C;Protein kinase C a	Prkca	24.3364	23.759	19	76.823	116.79	71	0.271125	0.538563
Q4VAE8;Q9CQC7 NADH dehydrogenase [ubiquinone	Ndufb4	26.9514	27.0848	6	15.315	66.514	186	0.822384	0.909546
Q561M1;Q4VAI2;Q Low molecular weight phosphotyrc	Acp1	23.1753	22.9544	2	17.922	4.827	44	0.874833	0.932884
Q4VBF8;Q8C0T5 Signal-induced proliferation-associ	Sipa1l1	21.9932	19.8551	8	189.01	28.933	9	0.012443	0.294062
Q4VBX4;Q9D2M8; Ubiquitin-conjugating enzyme E2 v	Ube2v2;Ube2v1	26.6654	27.2185	7	16.367	28.498	200	0.555731	0.747331
Q6ZWZ7;Q6PHZ1;C 60S ribosomal protein L17	Rpl17	21.9148	20.2755	5	21.397	12.405	24	0.239839	0.529425
Q50HX4;Q50HX2;C Ras-related protein Rab-14	Rab14	25.7697	27.0517	15	23.897	252.83	326	0.199906	0.49729
Q52L50;Q99JI6 Ras-related protein Rap-1b	Rap1b	25.6539	26.2627	7	20.825	28.038	148	0.167863	0.474089
Q8R2S3;Q8C550;Q Nucleolar protein 3	Nol3	19.5118	21.4407	3	24.627	4.4225	6	0.041739	0.362567
Q540D7;Q9JII6;Q8 Alcohol dehydrogenase [NADP(+)]	Akr1a1	25.8455	24.0736	15	36.586	201.45	206	0.118526	0.436861
Q543N3;Q61792;A LIM and SH3 domain protein 1	Lasp1	24.0555	22.6702	8	29.994	51.834	39	0.147624	0.456215
Q543N5;Q9QYB1;C Chloride intracellular channel prote	Clic4	22.5881	22.1636	4	28.729	5.9349	15	0.39521	0.626334
Q543Y7;Q61644;Q Protein kinase C and casein kinase	Pacsin1	26.6244	27.8401	23	50.575	323.31	373	0.288297	0.546982

Q544F6;Q9CQJ6	Coactosin-like protein	Cotl1	24.6868	26.6585	9	15.944	27.756	137	0.144889	0.45744
Q544I1;Q9QYF9;Q	Protein NDRG3	Ndr3	23.2388	24.1219	8	41.555	90.103	68	0.207307	0.496487
Q544M1;Q8K356;C	Lymphocyte antigen 6H	Ly6h	24.3206	25.1755	4	14.669	14.956	33	0.112262	0.432628
Q8BUM1;Q544R5;(	TAR DNA-binding protein 43	Tardbp	22.7783	22.2943	8	33.634	125.94	36	0.667715	0.818473
Q548F2;Q69ZN0;Q	Guanine deaminase	Gda	26.2755	26.8549	27	51.012	323.31	351	0.507378	0.712102
Q54A87;Q9WTT4;E	V-type proton ATPase subunit G 2	Atp6v1g2	25.9987	26.7315	9	13.651	323.31	100	0.360465	0.601523
Q564E8;Q9D8E6;Q	60S ribosomal protein L4	Rpl4	23.7047	23.9489	14	47.153	134.09	69	0.744808	0.864192
Q570Z5;Q91WG7;(	Diacylglycerol kinase;Diacylglycero	Dgkg	21.491	20.3254	6	88.65	39.795	14	0.464809	0.683393
Q570Z8;Q7M6Y3;C	Phosphatidylinositol-binding clathr	Picalm	20.8682	21.5583	9	72.926	46.235	11	0.589715	0.771091
Q58E70;D3Z2H9;Q	3TJ53;Q8K0Z5;E9Q5J9	Tpm3;Tpm3-rs7	27.7179	27.4109	24	29.02	309.93	428	0.381181	0.615635
Q5DQR4;B7ZN48;B	Syntaxin-binding protein 5-like	Stxbp5l	23.798	21.1033	9	131.84	53.546	25	0.158923	0.468604
Q5DTY9	BTB/POZ domain-containing protei	Kctd16	19.5929	20.7418	3	48.972	12.699	6	0.110348	0.433567
Q5EBJ4	Ermin	Ermn	21.6188	20.5171	5	32.148	12.79	13	0.378605	0.613943
Q5EBP9;Q62318;Q	Transcription intermediary factor 1	Trim28	23.6526	22.4622	12	88.846	30.465	65	0.338775	0.587284
Q5EBQ0;Q3TX38;Q	Voltage-dependent anion-selective	Vdac3	26.1343	26.44	10	30.884	283.02	306	0.006084	0.227385
Q5F258;Q68FF6	ARF GTPase-activating protein	GIT1 Git1	24.1271	23.3347	20	84.194	126.54	61	0.285392	0.545982
Q5I0W0;Q9CQQ7;(	ATP synthase F(0) complex subunit	Atp5f1	27.6108	27.5843	16	28.948	137.92	344	0.953246	0.969536
Q5ICG5;Q8R1X1;Q	Long-chain-fatty-acid--CoA ligase 6	Acs16	24.5173	24.1811	19	77.969	100.32	108	0.595996	0.773639
Q5J7N1;Q3U2W7;(	GTPase KRas;GTPase KRas, N-termi	Kras	22.786	23.6585	5	21.482	17.316	39	0.629042	0.792839
Q5J8K6;Q5J8K8;Q	6 ERC protein 2	Erc2	24.2464	22.7643	23	110.64	135.98	64	0.177314	0.480512
Q5M8N0;Q9CW19;C	B1 cannabinoid receptor-interacti	Cnrip1	23.9641	26.4617	6	18.612	41.113	124	0.094648	0.430876
Q5M8N4	Epimerase family protein	SDR39U1 Sdr39u1	20.2573	21.0145	3	32.994	3.782	9	0.120303	0.43739
Q5M9P3;Q9CZX8;C	40S ribosomal protein S19	Rps19	24.1233	26.0206	9	16.661	26.607	83	0.065745	0.422606
Q5NCJ9;Q8R1I1	Cytochrome b-c1 complex subunit	Uqcr10	22.8973	22.9098	3	7.4454	49.293	51	0.992386	0.994242
Q5ND51;Q64010;C	Adapter molecule crk	Crk	23.3442	23.243	12	33.814	68.642	59	0.903981	0.943923
Q5RJV4;Q7TNU0;Q	Phosphoglucomutase-1	Pgm2;Pgm1	24.8352	25.4694	21	61.383	323.31	137	0.224358	0.511409
Q5RKP4;Q8BMR3;(	Dolichyl-diphosphooligosaccharide	Rpn1	23.2098	22.7317	12	68.396	96.762	40	0.013916	0.294246
Q5U438;Q5SQB7;C	Nucleophosmin	Npm1;Gm5611	23.6498	22.6921	7	32.588	53.211	33	0.187049	0.484039
Q5SQX6;F6QD74	Cytoplasmic FMR1-interacting prot	Cyfp2	27.4804	23.8728	51	145.66	323.31	421	0.058289	0.410835
Q5SRA0;Q9R1V7	Disintegrin and metalloproteinase	Adam23	22.4803	22.2219	7	93.042	27.244	19	0.681629	0.827324
Q5SRX1;Q5SXA5;Q	TOM1-like protein 2	Tom1l2	23.3089	24.6198	13	55.662	176.03	78	0.117699	0.43581
Q5SSM3;F6T1Y2	Rho GTPase-activating protein 44	Arhgap44	21.1676	19.6422	4	88.993	32.27	8	0.285235	0.546984
Q5SURO	Phosphoribosylformylglycinamidi	Pfas	22.3831	21.1252	9	144.63	36.358	14	0.021662	0.313607

Q5SWR1;Q9DBG3;IAP complex subunit beta;AP-2 com	Ap2b1	28.8297	27.6153	53	105.72	323.31	1022	0.107483	0.435075	
Q8BK37;Q5SWZ0;C Phosphoribosyl pyrophosphate syn	Prpsap2	22.7916	22.6443	10	40.92	50.642	53	0.873263	0.933689	
Q5SX53;Q9CR62;Q Mitochondrial 2-oxoglutarate/mal	Slc25a11	25.8477	25.3831	15	34.155	323.31	307	0.157012	0.468993	
Q5SXR6;Q68FD5;Q Clathrin heavy chain;Clathrin heav	Cltc;mKIAA0034	31.341	28.4739	107	191.98	323.31	4106	0.078699	0.427262	
Q5SYD0;B2RWZ2;C Unconventional myosin-IId	Myo1d	20.7558	19.9841	5	116.08	10.38	6	0.442531	0.667118	
Q5U3K5	Rab-like protein 6	Rabl6	21.6752	20.3315	5	79.83	5.3163	7	0.003869	0.214401
Q5U458;E9Q8B3	DnaJ homolog subfamily C membe	Dnajc11	21.434	20.3726	4	63.232	9.3357	7	0.228773	0.516345
Q5XK33;Q9CZB0;F Succinate dehydrogenase cytochro	Sdhc	22.6526	21.0327	3	18.381	9.8502	24	0.057499	0.412502	
Q60597;Z4YJV4	2-oxoglutarate dehydrogenase, mi	Ogdh	27.4542	25.3495	49	116.45	323.31	411	0.076263	0.422602
Q921L6;Q8BNA5;Q Src substrate cortactin	Cttn	24.6803	25.2337	16	57.086	248.61	95	0.520755	0.718946	
Q642K0;Q60605;Q Myosin light polypeptide 6	Myl6	24.7619	26.0552	5	16.961	11.602	51	0.092332	0.428837	
Q60625	Intercellular adhesion molecule 5	Icam5	25.9845	23.2799	16	96.944	247.35	148	0.266618	0.534233
Q60668;F6ZV59;G Heterogeneous nuclear ribonucleo	Hnrnpd	24.7717	24.6615	11	38.354	104.42	151	0.631894	0.793944	
Q60676;F7BX26	Serine/threonine-protein phosphat	Ppp5c	22.6524	23.6886	12	56.876	103.11	44	0.104938	0.433512
Q60692	Proteasome subunit beta type-6	Psmb6	24.7568	25.3673	5	25.378	27.639	73	0.14107	0.454306
Q61177;Q60737;Q Casein kinase II subunit alpha	Csnk2a1	24.8798	24.6028	14	45.179	72.162	73	0.706171	0.836886	
Q60749	KH domain-containing, RNA-bindin	Khdrbs1	20.953	22.3383	4	48.37	58.133	14	0.068156	0.422886
Q60771	Claudin-11	Cldn11	24.9742	23.9487	4	22.114	56.642	51	0.636959	0.794099
Q60902;A0A1D5RL	Epidermal growth factor receptor s	Eps15l1	22.684	22.0604	17	99.307	119.94	39	0.373711	0.60908
Q60932	Voltage-dependent anion-selective	Vdac1	29.2654	27.911	18	32.351	323.31	1373	0.261856	0.534014
Q60972	Histone-binding protein RBBP4	Rbbp4	20.8864	21.3831	7	47.655	16.05	27	0.660267	0.813689
Q60I30;Q9D892;Q Inosine triphosphate pyrophosphat	Itpa	23.1392	21.8707	5	21.897	22.159	25	0.378463	0.614333	
Q61081	Hsp90 co-chaperone Cdc37;Hsp90	Cdc37	20.5477	22.0024	9	44.593	42.658	20	0.420347	0.652025
Q61171;Q5M9N9;I Peroxiredoxin-2	Prdx2	27.8251	28.9564	12	21.778	162.53	542	0.229483	0.514337	
Q61206;Q8BTA2	Platelet-activating factor acetylhyd	Pafah1b2	23.1631	25.3057	5	25.581	17.447	151	0.254121	0.527614
Q61361	Brevican core protein	Bcan	22.3029	20.753	5	95.814	8.1324	19	0.022612	0.310571
Q61411;Q9R0B8	GTPase HRas;GTPase HRas, N-term	Hras	25.4989	26.0185	5	21.298	19.896	84	0.192846	0.491909
Q61425	Hydroxyacyl-coenzyme A dehydrog	Hadh	21.8227	20.3877	8	34.463	175.29	33	0.539768	0.736338
Q8BRR9;Q61481;F Calcium/calmodulin-dependent 3,5	Pde1a	22.8532	23.665	11	62.346	70.627	49	0.065323	0.42158	
Q61548;Q3UI39;E9 Clathrin coat assembly protein AP1	Snap91	28.2265	26.2768	23	91.85	323.31	553	0.025893	0.312853	
Q61553;A0A0G2JD	Fascin	Fscn1	26.0729	27.062	22	54.507	323.31	264	0.066452	0.42545
Q61699;E9Q0U7	Heat shock protein 105 kDa	Hsph1	25.7558	22.6268	35	96.406	323.31	161	0.004971	0.215894
Q61753	D-3-phosphoglycerate dehydrogen	Phgdh	24.6593	26.177	16	56.585	323.31	179	0.039638	0.363992

Q61768;E9QAK5;Q Kinesin-1 heavy chain;Kinesin-like γ Kif5b	22.0114	20.9558	19	109.55	34.058	12	0.164736	0.471051
Q61838 Alpha-2-macroglobulin;Alpha-2-macroglobulin A2m	21.3144	19.947	10	165.85	20.221	14	0.393509	0.624254
Q922E1;Q8C1W8;C NAD(P) transhydrogenase, mitochondrial Nnt	22.3305	19.8952	7	113.88	39.167	16	8.17E-05	0.043783
Q62048;D3Z375 Astrocytic phosphoprotein PEA-15 Pea15;Pea15a	23.3537	24.5032	3	15.054	29.343	32	0.679007	0.827894
Q8C671;Q62093 Serine/arginine-rich splicing factor Srsf2	23.0727	22.095	6	29	34.261	31	0.367841	0.604418
Q62108 Disks large homolog 4 Dlg4	26.9257	25.4737	29	80.471	323.31	302	0.003812	0.2188
Q62261;A0A0A0M0S1 Spectrin beta chain, non-erythrocytic Sptbn1	30.7419	27.3716	162	274.22	323.31	3296	0.095121	0.431805
Q62277;A4FUR8;F6 Synaptophysin Syp	27.8924	27.3594	7	34.024	110.15	291	0.252235	0.529858
Q62418 Drebrin-like protein Dbnl	22.9503	24.1336	16	48.699	170.65	58	0.347858	0.592169
Q63810 Calcineurin subunit B type 1 Ppp3r1	24.6005	21.6035	3	19.3	12.422	19	0.164953	0.470835
Q63844;D3Z3G6;A0 Mitogen-activated protein kinase 3 Mapk3	23.8867	23.6427	19	43.066	211.06	70	0.818819	0.909359
Q91XH5;Q64105;G Sepiapterin reductase Spr	24.1415	25.173	12	27.928	70.254	151	0.331524	0.582887
Q641P0 Actin-related protein 3B Actr3b	23.2156	23.4642	17	47.579	148.19	65	0.83592	0.916319
Q64332;Q8CE19 Synapsin-2 Syn2	29.1155	30.4186	28	63.372	323.31	1605	0.074209	0.427435
Q64521;A2AQR0 Glycerol-3-phosphate dehydrogenase Gpd2	27.445	27.5268	36	80.953	323.31	647	0.910225	0.947979
Q64727 Vinculin Vcl	22.2402	20.7244	19	116.72	117.01	29	0.027491	0.317827
Q66JR8;Q9D0J8 Parathymosin Ptms	23.5506	24.5739	5	23.158	13.543	35	0.345504	0.590037
Q68FG2;Q3UGZ4 Spectrin beta chain Sptbn2	29.3688	25.3891	127	270.92	323.31	1436	0.085327	0.431195
Q68FL0;G5E8Y0;G3 Sodium/calcium exchanger 1 Slc8a1	25.4227	22.3778	15	106.66	194.47	61	0.206877	0.497682
Q69ZK9;F6VE93 Neuroligin-2 Nlgn2	21.0991	20.3154	5	90.988	22.343	7	0.187134	0.483479
Q6A087 MKIAA0302 protein Sptbn2	24.5195	21.2215	109	222.92	323.31	37	0.0638	0.42019
Q6A0A9;Q3V3S0 Constitutive coactivator of PPAR-γ; FAM120A;Fam1	20.8129	20.1812	5	121.64	15.836	6	0.183702	0.484745
Q6DI95;Q6P2B1;Q5 Transportin-3 Tnp3	21.0803	20.2431	5	104.2	28.536	7	0.240023	0.529105
Q6GQS1;F6X0P2 Calcium-binding mitochondrial carrier Slc25a23	20.6575	20.9641	7	52.496	41.917	15	0.760014	0.872387
Q6GR78;Q53ZT3;P1 Amyloid beta A4 protein;N-APP;Sol App	25.7404	24.6782	16	78.442	191.77	107	0.004726	0.210967
Q6GT24;Q53ZU7;Q Peroxiredoxin-6 Prdx6	27.2525	28.7206	18	24.826	323.31	781	0.221374	0.508212
Q6IRU5;Q3TWZ9;Q Clathrin light chain B Cltb	25.2313	24.7738	9	25.171	38.745	114	0.610822	0.782144
Q6NS52 Diacylglycerol kinase beta Dgkb	22.3349	21.12	10	90.271	34.106	18	0.207179	0.49692
Q6NXW0;Q9WUA6 RAC-gamma serine/threonine-protein Akt3	19.8511	21.1887	5	55.657	17.958	8	0.176938	0.480304
Q6NY09;Q8BZ14;Q Leucyl-cystinyl aminopeptidase Lnpep	21.2948	21.0036	4	67.645	6.7878	5	0.363681	0.603132
Q6NZL0 Protein SOGA3 Soga3	22.2328	21.4552	11	103.48	46.872	21	0.286419	0.545997
Q6P069 Sorcin Sri	23.521	24.2424	5	21.627	12.486	30	0.424256	0.654928
Q9D689;Q6P1F5;Q Huntingtin-interacting protein 1-re Hip1r	21.9478	20.2432	7	119.37	17.683	11	0.113633	0.434781

Q6P1J1;Q3TXY0;Q3TY94		Crmp1	27.6832	28.1489	30	74.22	323.31	812	0.437935	0.66581
Q6P5F9;Q921J0	Exportin-1	Xpo1	23.5254	22.1108	20	123.09	163.96	34	0.483076	0.694989
Q6P9K8	Caskin-1	Caskin1	24.5058	22.0452	24	150.49	141.28	55	0.007167	0.239936
Q6P9K9;Q6ZQ56;E	Neurexin-3	Nrxn3;mKIAA07	23.5574	21.4982	18	173.43	194.08	42	0.097876	0.433297
Q6PB66	Leucine-rich PPR motif-containing	Lrpprc	23.3471	21.6313	29	156.61	168.29	58	0.118394	0.437377
Q6R891	Neurabin-2	Ppp1r9b	24.8799	22.0781	19	89.519	323.31	68	0.006268	0.223829
Q6S388;Q6S392;Q6	Plectin	Plec	27.79	23.5388	153	513.75	323.31	460	0.058278	0.412565
Q6ZPE2	Myotubularin-related protein 5	Sbf1	24.9636	21.7436	29	208.69	113.55	73	0.004067	0.210809
Q6ZPJ3	E2/E3 hybrid ubiquitin-protein ligase	Ube2o	23.509	20.6261	20	140.83	129.1	40	0.048408	0.387022
Q80Y09;Q6ZPS9;Q6	Programmed cell death 6-interacting protein	Pdcd6ip	23.6508	22.9217	18	96.31	208.45	36	0.291466	0.549103
Q7TSZ3;Q6ZPT2;Q6	Leucine--tRNA ligase, cytoplasmic	Lars	21.2482	20.4524	9	134.19	33.397	11	0.417065	0.650703
Q6ZPY3;Q8K596	Sodium/calcium exchanger 2	Slc8a2	26.1107	22.337	20	79.755	323.31	143	0.108963	0.432356
Q6ZQ38	Cullin-associated NEDD8-dissociation factor	Cand1	27.3371	24.5847	47	136.33	323.31	361	0.010276	0.289708
Q6ZQ84;Q9JLV5;E9	Cullin-3	mKIAA0617;Cul3	22.9039	22.0051	15	91.276	38.799	38	0.231827	0.518866
Q6ZWN5;F7CJS8;D	40S ribosomal protein S9	Rps9	24.2103	24.6679	10	22.591	33.371	104	0.471698	0.689735
Q6ZWS7;Q923T9	Calcium/calmodulin-dependent protein kinase 2 gamma	Camk2g	22.9704	21.7658	18	55.96	36.925	38	0.363836	0.602767
Q6ZWV7	60S ribosomal protein L35	Rpl35	21.8247	20.0049	3	14.552	6.7638	23	0.344271	0.590441
Q6ZWX6;Q9CV24	Eukaryotic translation initiation factor 2s1	Eif2s1	21.0363	20.894	7	36.108	16.985	21	0.889049	0.935626
Q6ZWZ6;P63323	40S ribosomal protein S12	Rps12	24.6441	24.9965	5	14.515	8.5602	36	0.624648	0.791024
Q71M36	Chondroitin sulfate proteoglycan 5	Cspg5	21.1894	19.9521	4	60.405	51.963	13	0.321271	0.576851
Q76MZ3;Q8C2E1;C	Serine/threonine-protein phosphatase 2B	Ppp2r1a	27.6627	28.6403	31	65.322	323.31	581	0.07537	0.424981
Q78IK2	Up-regulated during skeletal muscle development	Usmg5	24.2354	22.8969	3	6.3814	63.665	59	0.362139	0.603064
Q791T5;Q8CEY5	Mitochondrial carrier homolog 1	Mtch1	21.9463	20.645	5	41.565	10.66	14	0.048161	0.38697
Q7TMB8;A0A0U1R	Cytoplasmic FMR1-interacting protein 1	Cyfp1	23.7975	21.0504	29	145.24	56.911	46	0.005347	0.21482
Q7TMM9;Q99J49	Tubulin beta-2A chain	Tubb2a	29.9054	31.2735	30	49.906	323.31	2144	0.086158	0.429985
Q8K5D8;Q99PC9;Q	Serine/threonine-protein phosphatase 2B	Ppp2r5d	22.683	23.0717	14	65.312	81.439	52	0.679562	0.827315
Q7TPM6	Fibronectin type III and SPRY domain	Fsd1	20.7911	21.4496	8	55.524	23.214	11	0.566789	0.753998
Q7TQI3;D3YWF6;D	Ubiquitin thioesterase OTUB1	Otub1	25.8451	25.052	14	31.27	323.31	389	0.508319	0.712178
Q7TSJ2;A0A140LIT	Microtubule-associated protein 6	Map6	26.858	27.0857	51	96.449	323.31	486	0.606547	0.780402
Q80SW1	Putative adenosylhomocysteinase	Ahcyl1	26.5614	27.138	23	58.951	323.31	232	0.184437	0.483509
Q80T41	Gamma-aminobutyric acid type B receptor	Gabbr2	22.6131	20.4801	7	105.67	37.32	12	0.085466	0.430546
Q80TB8;Q8BL94	Synaptic vesicle membrane protein	Vat1l	20.3321	20.9126	7	45.817	29.096	15	0.494353	0.703654
Q80TH1;Q52KF7;A	Disks large homolog 3	Dlg3	24.3863	22.557	20	103.83	220.12	57	0.032167	0.337855

Q80TJ1;K4DI76;J3C	Calcium-dependent secretion activ	Cadps	27.8342	24.5802	51	153.11	323.31	616	0.068311	0.420597
Q80TL4;F6SBE4	Protein KIAA1045	Kiaa1045;N281	24.679	25.4212	19	45.222	323.31	137	0.436744	0.665258
Q80TZ3	Putative tyrosine-protein phosphat	Dnajc6	26.206	24.9292	26	102.3	323.31	177	0.059308	0.412589
Q80U23	Syntaphilin	Snph	19.419	21.498	4	53.752	8.0041	8	0.258266	0.532776
Q80UE4;Q80UE5;Q	Band 4.1-like protein 2	Epb4.1l2;Epb41	23.9906	21.9038	22	88.461	172.41	58	0.068153	0.424504
Q80VM5;Q5U4C2;I	Dipeptidyl aminopeptidase-like	prc Dpp6	26.0667	23.3461	25	91.213	323.31	165	0.004992	0.211119
Q80VP0	Tectonin beta-propeller repeat-cor	Tecpr1	20.3517	20.4557	7	130.26	16.031	12	0.891831	0.936714
Q80VP1	Epsin-1	Epn1	24.107	24.511	11	60.211	211.42	79	0.551025	0.745997
Q80W82;Q3TQZ7;C	Mitogen-activated protein kinase;M	Mapk10;Mapk8	22.2999	22.9252	13	48.487	65.799	41	0.630279	0.793154
Q80WG5	Volume-regulated anion channel s	Lrrc8a	20.1366	20.4391	2	94.118	3.274	5	0.585431	0.767363
Q80WM4	Hyaluronan and proteoglycan link	Hapln4	22.3658	21.6098	7	42.808	26.477	29	0.653514	0.807223
Q80X80;Q8CAA2;Q	C2 domain-containing protein 2-lik	C2cd2l;mKIAA0	21.8066	21.203	6	76.328	39.076	15	0.022574	0.312723
Q80XN0	D-beta-hydroxybutyrate dehydroge	Bdh1	23.7129	24.5046	12	38.299	139.1	213	0.407532	0.64018
Q80Z38;A0A1C7ZM	SH3 and multiple ankyrin repeat dc	Shank2	24.3389	21.0803	22	158.97	121.75	76	0.0017	0.136578
Q80ZW2	Protein THEM6	Them6	20.3822	19.8217	2	23.802	7.4367	4	0.272142	0.53925
Q810U3	Neurofascin	Nfasc	26.8715	23.6127	32	137.97	323.31	357	0.059803	0.414239
Q810U4	Neuronal cell adhesion molecule	Nrcam	26.1025	23.2677	26	138.52	323.31	126	0.003875	0.207573
Q8BFR5	Elongation factor Tu, mitochondria	Tufm	26.4116	26.2751	23	49.508	323.31	328	0.878705	0.932681
Q8BG39	Synaptic vesicle glycoprotein 2B	Sv2b	26.6053	24.3186	16	77.456	323.31	222	0.121612	0.437204
Q8BG51	Mitochondrial Rho GTPase 1	Rhot1	20.8245	20.2659	4	72.241	7.649	11	0.472044	0.688986
Q8BGB7	Enolase-phosphatase E1	Enoph1	20.6728	20.7587	3	28.6	14.643	11	0.929565	0.959417
Q8BGD5;A0A1D5RI	Carnitine O-palmitoyltransferase 1,	Cpt1c	20.8228	20.6104	5	90.029	46.74	11	0.729814	0.854818
Q8BGH2	Sorting and assembly machinery cc	Samm50	21.3747	23.9238	12	51.863	105.36	52	0.054715	0.40707
Q8BGN8	Synaptoporin	Synpr	22.4864	22.0492	3	29.228	17.445	62	0.57063	0.755356
Q8BGT8;F7D3N3;F	Phytanoyl-CoA hydroxylase-interac	Phyhipl	23.3541	23.9587	15	42.34	95.482	70	0.489924	0.700451
Q8BH44;G3UW48	Coronin-2B;Coronin	Coro2b	23.7087	24.4871	17	54.936	145.45	63	0.288295	0.547624
Q8BH59	Calcium-binding mitochondrial carr	Slc25a12	27.5822	27.8965	37	74.569	323.31	1013	0.393251	0.624461
Q8BH66;Q6PGE9	Atlastin-1	Atl1	23.8433	24.0032	15	63.377	108.16	70	0.68964	0.831396
Q8BH80;Q9QY76;C	Vesicle-associated membrane prot	Vapb	25.3262	25.1982	9	26.918	35.722	77	0.564625	0.752366
Q8BH95	Enoyl-CoA hydratase, mitochondria	Echs1	26.1567	25.7481	10	31.474	82.607	183	0.657917	0.811414
Q8BHE3	Caytaxin	Atcay	23.9447	22.7137	9	42.178	64.792	41	0.578617	0.759671
Q8BHL3	TBC1 domain family member 10B	Tbc1d10b	22.3121	21.0916	8	87.274	29.039	24	0.001062	0.155125
Q8BHL5	Engulfment and cell motility protei	Elmo2	20.0724	21.1646	7	83.886	17.109	10	0.247485	0.531697

Q8BHZ0;Q9CWE1	Protein FAM49A	Fam49a	21.1623	20.5744	9	37.342	32.284	16	0.520057	0.719838
Q8BIJ6;Q8R2M5;E9	Isoleucine--tRNA ligase, mitochondri	Iars2	24.3911	22.2652	25	112.8	272.26	73	0.079033	0.426195
Q8BJH1	Zinc finger C2HC domain-containing	Zc2hc1a	22.7044	20.8632	4	35.152	7.4656	20	0.216735	0.504041
Q8BJY1	26S proteasome non-ATPase regulat	Psmd5	22.1743	23.687	13	55.971	71.501	30	0.062585	0.419059
Q8BKC5;Q3TT04;Q	Importin-5	Ipo5	23.5915	20.6712	23	123.59	172.71	46	0.033547	0.347807
Q8BKS6;Q8C167	Prolyl endopeptidase-like	Prepl	20.6944	21.3583	8	75.909	18.948	10	0.209698	0.498498
Q8BKZ9	Pyruvate dehydrogenase protein X	Pdhx	23.5488	24.6685	9	53.998	92.586	74	0.280177	0.546414
Q8BL66;Q05CS7	Early endosome antigen 1	Eea1	22.5847	19.9298	13	160.91	80.587	16	0.020071	0.31935
Q8BLF1	Neutral cholesterol ester hydrolase	Nceh1	22.0879	22.3116	9	45.739	33.875	25	0.727205	0.854254
Q8BMF3;Q8BMY6	NADP-dependent malic enzyme, m	Me3	23.3292	24.2794	15	67.098	323.31	33	0.195685	0.492892
Q8BMF4	Dihydrolipoyllysine-residue acetyl	Dlat	26.8547	27.798	19	67.941	323.31	535	0.116269	0.435536
Q8BMS1;Q3TB39	Trifunctional enzyme subunit alpha	Hadha	25.3857	24.906	21	82.669	323.31	125	0.648041	0.802313
Q8BNW9	Kelch repeat and BTB domain-cont	Kbtbd11	23.8246	22.6587	15	67.945	163.9	78	0.508112	0.71251
Q8BP47	Asparagine--tRNA ligase, cytoplasm	Nars	22.9683	22.9033	17	64.279	60.708	67	0.951916	0.970025
Q8BQL7;Q9QZ06;C	Toll-interacting protein	Tollip	22.8212	23.6644	5	30.344	23.883	64	0.168247	0.473508
Q8BR92	Paralemmin-2	Palm2	21.4642	20.6326	2	42.095	6.7622	9	0.197783	0.495074
Q8BRQ9;Q925N0	Sideroflexin;Sideroflexin-5	Sfxn5	23.849	23.582	7	32.783	57.738	56	0.360044	0.601445
Q8BS79;Q8CE18;Q	Cadherin-13	Cdh13	21.5593	20.981	3	31.6	17.318	14	0.625425	0.791385
Q8BTG7	Protein NDRG4	Ndrg4	23.3382	23.4879	8	38.508	185.78	58	0.387548	0.619692
Q8BU20;Q9CQH3;E	NADH dehydrogenase [ubiquinone	Ndufb5	24.0189	24.9551	7	21.738	36.534	84	0.15386	0.465638
Q8BU30	Isoleucine--tRNA ligase, cytoplasm	Iars	21.8851	20.6124	12	144.27	28.215	18	0.268531	0.536061
Q8BVI4;A0A0G2JG	Dihydropteridine reductase	Qdpr	26.5864	26.8067	12	25.57	217.71	297	0.697048	0.832212
Q8BVQ5	Protein phosphatase methylesterase	Ppme1	22.7057	22.4902	11	42.256	88.673	40	0.843515	0.919003
Q8BW75	Amine oxidase [flavin-containing]	EMAob	20.8994	21.0004	9	58.557	45.665	14	0.944278	0.967148
Q8BWM0	Prostaglandin H synthase 2;Prostag	Ptges2	20.8432	20.4217	3	43.323	6.5681	7	0.568885	0.754911
Q8BWR2	PITH domain-containing protein 1	Pithd1	21.0131	21.3271	3	24.192	5.1664	11	0.594897	0.773462
Q8BWT1;Q3UKH3	3-ketoacyl-CoA thiolase, mitochond	Acaa2	23.6868	22.5049	11	41.829	67.249	54	0.284019	0.547921
Q8BXR1;D3YY38	Probable cationic amino acid trans	Slc7a14	23.1854	21.3953	5	83.983	90.184	22	0.10589	0.434095
Q8BXZ1	Protein disulfide-isomerase TMX3	Tmx3	20.4387	21.0968	3	51.847	19.893	9	0.574768	0.756472
Q8BYI9	Tenascin-R	Tnr	28.1858	25.0319	33	149.59	323.31	729	0.117405	0.435727
Q8C052;A0A1D5RL	Microtubule-associated protein 1S;	Map1s	21.9777	20.0759	5	102.94	11.732	8	0.000795	0.141901
Q8C0C7;E9PWY9;C	Phenylalanine--tRNA ligase alpha	s1 Farsa	21.5983	23.3561	14	57.598	211.81	31	0.131381	0.445419
Q8C0E2	Vacuolar protein sorting-associated	Vps26b	22.8815	22.0475	10	39.124	47.631	37	0.359747	0.602201

Q8C0M9	Isoaspartyl peptidase/L-asparagina	Asrgl1	24.2484	24.615	9	33.95	37.47	74	0.486807	0.699106
Q8C2C6;Q9D828;Q9Z1A1;B8JJG9;B8JJG7;B8JJG8;B8JJG	Tfg		19.8872	20.8118	5	37.528	26.062	9	0.494924	0.703843
Q8C419;Q8C3D0;Q	Probable G-protein coupled recept	Gpr158	21.2462	20.6896	8	134.42	14.592	14	0.397118	0.628737
Q8C5H8;Q9CUB4;C	NAD kinase 2, mitochondrial	Nadk2	21.4914	20.5804	5	50.858	24.309	14	0.368707	0.603988
Q8C605;Q9WUA3	ATP-dependent 6-phosphofructoki	Pfcp	27.0148	26.4271	32	85.546	323.31	430	0.363032	0.603925
Q8C845;Q9D8Y0	EF-hand domain-containing proteir	Efhd2	25.2376	24.409	13	26.8	200.03	180	0.497488	0.704993
Q8C854;G8JL68;A7	Myelin expression factor 2	Myef2	21.9779	23.5567	9	63.294	58.154	30	0.119322	0.435796
Q8C8N2;Q8C4E7;A	Protein SCAI	Scai	21.072	22.0079	12	70.274	102.99	33	0.554841	0.747385
Q8CAA7;I6L9A5	Glucose 1,6-bisphosphate synthase	Pgm2l1	25.3067	25.4391	22	70.279	307.63	180	0.852045	0.922045
Q8CAQ8;E9Q800;Q	MICOS complex subunit	Mic60	26.9525	26.7184	41	83.899	323.31	377	0.674502	0.823651
Q8CBE3;Q3UK24;H	WD repeat-containing protein 37	Wdr37	21.5844	23.2311	10	55.045	59.179	38	0.081818	0.433931
Q8CC13	AP complex subunit beta	Ap1b1	25.9817	23.6342	42	105	323.31	126	0.078633	0.429807
Q8CCV1;Q8R050;Q	Eukaryotic peptide chain release fa	Gspt1;Gspt2	21.2629	20.8637	8	55.611	19.782	19	0.750044	0.865269
Q8CFX3;Q8QZT6	Pcdh1 protein	Pcdh1	24.6191	22.1668	15	112.41	323.31	63	0.021263	0.313486
Q8CG76	Aflatoxin B1 aldehyde reductase m	Akr7a2	23.1276	21.5039	9	40.612	46.305	42	0.266474	0.53528
Q8CGA0	Protein phosphatase 1F	Ppm1f	21.6781	21.0823	7	49.61	62.048	11	0.442928	0.667091
Q8CGC7;B9EIU1	Bifunctional glutamate/proline--tRl	Eprs	23.5586	21.7009	21	170.08	69.702	35	0.039834	0.357613
Q8CGF6	WD repeat-containing protein 47	Wdr47	22.6397	20.4553	9	102.31	106.15	20	0.025179	0.308875
Q8CGK3;Q3V2D0	Lon protease homolog, mitochond	Lonp1	23.2374	22.0712	18	105.84	259.81	48	0.262287	0.534215
Q8CGY8	UDP-N-acetylglucosamine--peptide	Ogt	23.8598	21.7085	27	116.95	155.46	52	0.137992	0.455345
Q8CHP8;Q5XK18	Phosphoglycolate phosphatase	Pgp	23.2505	21.3279	13	34.54	101.99	65	0.197833	0.494429
Q8CHU3;Q5NCM6;	Epsin-2	Epn2	19.8649	20.4535	4	63.471	6.2485	6	0.546637	0.742558
Q8CIJ3;Q8JZQ9	Eukaryotic translation initiation fac	Eif3b	22.6983	20.9947	13	108.98	160.53	18	0.093146	0.43013
Q8JZN5	Acyl-CoA dehydrogenase family m	Acad9	21.4707	22.1022	12	68.721	76.509	22	0.433439	0.662737
Q8JZS0;Q3TUM0	Protein lin-7 homolog A	Lin7a	25.9974	25.6285	8	25.992	25.488	99	0.55986	0.748499
Q8K0U4	Heat shock 70 kDa protein 12A	Hspa12a	27.1392	27.1651	36	74.87	323.31	443	0.938491	0.964911
Q8K183;D3Z7R1	Pyridoxal kinase	Pdxk	26.0597	24.9451	12	35.015	253.77	199	0.289028	0.547721
Q8K1M6;Q3U4P3	Dynamin-1-like protein	Dnm1l	26.7779	26.0886	39	82.657	323.31	410	0.51401	0.715783
Q8K1Z0;F6SFF5	Ubiquinone biosynthesis protein C	Coq9	23.5902	22.938	5	35.082	36.513	48	0.364579	0.603377
Q8K212;Q3TP27;Q	Phosphofurin acidic cluster sorting	Pacs1	23.4682	22.1395	17	104.83	85.366	60	0.157118	0.46844
Q8K232;Q9QYC0;F	Alpha-adducin	Add1	27.5211	26.5319	29	80.623	323.31	492	0.039949	0.356655
Q8K274	Ketosamine-3-kinase	Fn3krp	22.2999	21.2057	5	34.468	27.656	16	0.243724	0.532153
Q8K2B3	Succinate dehydrogenase [ubiquin	Sdha	26.9385	27.0772	30	72.585	323.31	345	0.774294	0.879979

Q8K2C9	Very-long-chain (3R)-3-hydroxyacyl	Hacd3	22.2892	21.2047	5	43.131	29.07	32	0.162899	0.46998
Q8K354	Carbonyl reductase [NADPH] 3	Cbr3	22.8593	21.8183	8	30.953	50.824	29	0.430756	0.66052
Q8K394	Inactive phospholipase C-like prote	Plcl2	20.6282	19.5039	6	125.77	9.826	5	0.279906	0.546548
Q8K3H0	DCC-interacting protein 13-alpha	Appl1	23.1029	22.745	9	79.327	60.627	24	0.492583	0.703003
Q8K4Z3	NAD(P)H-hydrate epimerase	Apoa1bp	24.3249	22.615	6	30.972	25.48	61	0.446956	0.668769
Q8QZS1;E0CX19	3-hydroxyisobutyryl-CoA hydrolase	Hibch	22.8424	21.4613	10	43.037	26.568	33	0.242212	0.531741
Q8QZT1;Q3TQP7	Acetyl-CoA acetyltransferase, mito	Acat1	27.3925	26.3113	17	44.816	323.31	345	0.400799	0.633941
Q8QZY1	Eukaryotic translation initiation fac	Eif3l	20.5353	20.8108	8	66.612	23.218	10	0.72953	0.855733
Q8R016;E9PY26	Bleomycin hydrolase	Blmh	22.1316	23.1575	9	52.511	70.058	26	0.308154	0.5692
Q8R071	Inositol-trisphosphate 3-kinase A	Itpka	24.5028	25.615	21	50.934	323.31	154	0.071647	0.420207
Q8R0Y6;Q8CIF2	Cytosolic 10-formyltetrahydrofolat	Aldh1l1	25.0832	23.7758	27	98.708	289.37	103	0.019651	0.31579
Q8R191	Synaptogyrin-3	Syngn3	25.9888	25.8928	5	24.561	60.905	113	0.80455	0.901612
Q8R1B4	Eukaryotic translation initiation fac	Eif3c	21.6981	19.8595	7	105.53	49.877	11	0.110239	0.434201
Q8R1S0;D3YW66	Ubiquinone biosynthesis monooxy	Coq6	20.3172	20.6774	5	51.392	6.9277	8	0.634747	0.795041
Q8R2R9	AP-3 complex subunit mu-2	Ap3m2	21.52	22.8525	9	46.916	47.703	29	0.005749	0.225324
Q8R326	Paraspeckle component 1	Pspc1	21.7819	22.9266	7	58.758	47.537	23	0.050259	0.395913
Q8R3P0;V9GXG0;B	Aspartoacylase	Aspa	21.9619	20.6089	6	35.344	16.491	20	0.332141	0.583335
Q8R464	Cell adhesion molecule 4	Cadm4	22.0527	23.5787	8	42.723	143.16	40	0.044109	0.373072
Q8R4N0	Citrate lyase subunit beta-like prot	Clybl	21.3949	20.2434	7	37.548	18.523	12	0.197074	0.494841
Q8R570;B2FDF6	Synaptosomal-associated protein 4	Snap47	20.9099	22.4218	12	46.524	69.443	36	0.108071	0.433091
Q8R5C5	Beta-centractin	Actr1b	23.1296	24.6136	15	42.281	282.05	49	0.022853	0.311233
Q8R5H6	Wiskott-Aldrich syndrome protein	Wasf1	25.2113	25.8117	14	61.508	323.31	134	0.430511	0.660774
Q8VBV7;A0A087W	COP9 signalosome complex subuni	Cops8	23.4142	22.284	3	23.255	10.077	22	0.259291	0.533522
Q8VCT3;Q8BMH2;I	Aminopeptidase B	Rnpep	22.0162	22.4188	6	72.415	323.31	24	0.484069	0.695796
Q8VCW8	Acyl-CoA synthetase family memb	Acsf2	22.9111	23.0826	14	67.95	161.76	35	0.831946	0.914457
Q8VD33;E0CX61	Small glutamine-rich tetratricopept	Sgtb	20.2538	20.5691	3	33.429	5.9681	5	0.73554	0.857774
Q8VD37	SH3-containing GRB2-like protein 3	Sgip1	24.8054	22.6916	16	86.062	314.84	72	0.000573	0.131632
Q8VDD5	Myosin-9	Myh9	24.8503	21.6701	50	226.37	323.31	94	0.118775	0.436777
Q8VDN2;Q3TXF9;C	Sodium/potassium-transporting AT	Atp1a1	28.3927	26.1734	55	112.98	323.31	617	0.207538	0.4963
Q8VE70;E0CY82;F8	Programmed cell death protein 10	Pdcd10	21.1486	21.0701	2	24.715	13.024	22	0.951147	0.969856
Q8VED9	Galectin-related protein	Lgalsl	24.05	25.1241	5	18.955	24.561	82	0.392821	0.625632
Q8VEH5	EPM2A-interacting protein 1	Epm2aip1	21.8173	22.8981	8	70.095	57.815	17	0.268869	0.53607
Q8VIJ6;Q3TZL2	Splicing factor, proline- and glutam	Sfpq	25.6661	23.413	18	75.441	323.31	108	0.088317	0.431385

Q91V28;Q9DCD0;C 6-phosphogluconate dehydrogenase	Pgd	21.5922	23.0377	11	53.261	116.61	22	0.141055	0.455172
Q91V55;D3YYM6;C 40S ribosomal protein S5;40S ribosomal protein S5	Rps5	22.2641	23.9053	8	22.876	14.501	35	0.03967	0.360165
Q91V61;Q3U4F0 Sideroflexin-3	Sfxn3	26.3978	25.5581	15	35.406	323.31	319	0.342308	0.589591
Q91VA7 Isocitrate dehydrogenase [NAD] subunit beta	Ildh3b	27.7624	27.0778	24	42.194	323.31	563	0.451912	0.672429
Q91VB8;Q9CY06;Q Hemoglobin subunit alpha	haemoglobin alpha	29.4014	30.6589	10	15.112	128.57	552	0.27881	0.545734
Q91VM5;Q9WV02;RNA binding motif protein, X-linked	Rbmxl1;Rbmxl1	24.0454	23.7918	11	42.161	76.894	48	0.771449	0.879233
Q91VM9;D3Z636 Inorganic pyrophosphatase 2, mitochondrial	Ppa2	22.9866	21.9441	14	38.114	63.424	70	0.568496	0.755019
Q91VR5;Q3V1Z7;Q ATP-dependent RNA helicase DDX1	Ddx1	22.4796	22.057	19	82.499	93.9	41	0.753917	0.867247
Q91VR8 Protein BRICK1	Brk1	23.7843	22.642	2	8.7608	6.1056	20	0.35286	0.594388
Q91VZ6;D3YVX4 Stromal membrane-associated protein	Smap1	23.1014	23.3751	5	47.66	57.902	31	0.584957	0.767368
Q91WD5;D3YXT0 NADH dehydrogenase [ubiquinone] subunit 2	Ndufs2	26.0037	27.2259	19	52.625	323.31	236	0.022335	0.317627
Q91WS0 CDGS iron-sulfur domain-containing protein	Cisd1	27.2418	27.9494	5	12.097	120.39	296	0.511136	0.714257
Q91X97;D3YVA2;D Neurocalcin-delta	Ncald	23.0666	19.4252	8	22.245	9.2659	15	0.016779	0.313526
Q91XF0 Pyridoxine-5-phosphate oxidase	Pnpo	20.9446	21.0377	4	30.114	6.0265	12	0.926252	0.958459
Q91XM9;E9Q2L2;D Disks large homolog 2	Dlg2	25.5946	24.9886	31	94.879	323.31	136	0.387648	0.619236
Q91XU3 Phosphatidylinositol 5-phosphate 4-kinase class II	Pip4k2c	21.581	22.7081	7	47.335	126.62	25	0.336314	0.588093
Q91XV3 Brain acid soluble protein 1	Basp1	29.1753	28.1596	16	22.086	323.31	363	0.336475	0.587733
Q91YR1 Twinfilin-1	Twf1	21.373	21.5889	8	40.079	78.845	26	0.848197	0.92036
Q91Z31;A0A0G2JG Polypyrimidine tract-binding protein	Ptbp2	20.0738	21.6248	11	57.488	122.18	23	0.352097	0.593726
Q91ZP9;Q3B7X9;Q N-terminal EF-hand calcium-binding domain protein	Necab2	21.321	20.8107	8	43.44	23.685	15	0.496852	0.704715
S4R1P5;Q91ZU6;E9 Dystonin	Dst	22.4515	20.095	8	870.52	17.697	6	0.036611	0.358738
Q91ZZ3 Beta-synuclein	Sncb	26.4855	24.0138	6	14.051	157.57	108	0.375679	0.610431
Q920I9;Q05CF1 WD repeat-containing protein 7	Wdr7	26.737	24.0087	43	163.45	323.31	268	0.089271	0.433408
Q920P5;A0A0G2JG Adenylate kinase isoenzyme 5	Ak5	21.2855	23.3338	11	63.322	125.69	32	0.046788	0.383617
Q9CSH0;Q921F4;V6 Heterogeneous nuclear ribonucleoprotein A	HnrnpA	21.0637	21.934	6	63.39	11.204	13	0.428044	0.658246
Q921G7;Q6PF96 Electron transfer flavoprotein-ubiquinone reductase	Etfdh	22.6924	22.7598	16	68.09	79.428	33	0.884537	0.933323
Q921I1;E9Q035 Serotransferrin	Tf;Gm20425	24.9917	23.9069	20	76.723	240.32	95	0.31952	0.57693
Q921M7 Protein FAM49B	Fam49b	24.4356	23.1456	13	36.776	125.37	167	0.432119	0.661348
Q921V3;Q9Z1J3 Cysteine desulfurase, mitochondrial	Nfs1	20.9544	21.2806	6	50.584	15.784	12	0.764155	0.875265
Q922Q1 Mitochondrial amidoxime reductase	Marc2	22.0643	20.3458	8	38.194	13.827	18	0.020713	0.311076
Q923G3;A2AMW0;Q3TVK4;Q3TRH8	Capzb	26.6808	26.1293	19	30.628	323.31	412	0.326222	0.57991
Q925I1 ATPase family AAA domain-containing protein 3	Atad3	20.9511	21.4077	9	66.741	39.289	17	0.724028	0.853015
Q99J08 SEC14-like protein 2	Sec14l2	21.1462	22.7585	9	46.3	25.948	25	0.031403	0.332002

Q99JI4	26S proteasome non-ATPase regul	Psmc6	21.5962	21.4343	13	45.536	64.445	52	0.938199	0.965228
Q99JP7	Gamma-glutamyltransferase 7;	Gan Ggt7	21.7204	20.0542	7	70.251	146.08	19	0.075227	0.425665
Q99JR1	Sideroflexin-1	Sfxn1	23.7774	21.1822	9	35.649	88.465	47	0.021208	0.315566
Q99JY0	Trifunctional enzyme subunit beta,	Hadhb	23.6491	23.7228	19	51.386	115.12	85	0.947957	0.969063
Q99JY8	Lipid phosphate phosphohydrolase	Ppap2b	23.0176	20.9749	3	35.216	23.625	53	0.264037	0.535066
Q99KI0	Aconitate hydratase, mitochondria	Aco2	29.9177	29.6389	46	85.462	323.31	1659	0.492277	0.70319
Q99L13;A0ZNI2	3-hydroxyisobutyrate dehydrogenase	Hibadh	21.8899	23.0429	8	35.44	27.424	58	0.486978	0.698727
Q99L43;A2AMQ5;F	Phosphatidate cytidyltransferase	Cds2	24.1794	21.8486	7	51.313	239.67	51	0.232188	0.51823
Q99LB6	Methionine adenosyltransferase 2	Mat2b	20.1371	21.1608	4	37.392	27.829	12	0.359952	0.601917
Q99LC3	NADH dehydrogenase [ubiquinone	Ndufa10	25.5467	25.2898	15	40.603	323.31	294	0.814546	0.906493
Q99LC5	Electron transfer flavoprotein subu	Etfa	25.0122	24.009	16	35.009	274.11	165	0.478928	0.693368
Q99LR1;D6RFU2	Monoacylglycerol lipase ABHD12	Abhd12	21.1823	22.793	12	45.269	36.233	48	0.154449	0.464792
Q99LS3;D3Z4T3;A0	Phosphoserine phosphatase	Psph	21.9863	23.8868	3	25.096	19.397	38	0.273276	0.540166
Q99LY9;B1ARW4	NADH dehydrogenase [ubiquinone	Ndufs5	23.7067	24.8013	4	12.648	8.5118	41	0.099344	0.435001
Q99M71	Mammalian ependymin-related pr	Epdr1	23.4745	23.8926	7	25.485	21.717	64	0.57609	0.757591
Q99MN9;A0PJE6;Q	Propionyl-CoA carboxylase beta ch	Pccb	22.3311	23.6199	16	58.408	104.09	32	0.108136	0.432277
Q99MR8;Q3TVD9	Methylcrotonoyl-CoA carboxylase	Mccc1	20.2579	21.8096	9	79.343	51.455	12	0.225263	0.512745
Q99NE5;F6TZK4;F6	Regulating synaptic membrane exc	Rims1	21.4246	20.3266	10	163.16	28.438	18	0.299459	0.55698
Q99P72	Reticulon-4	Rtn4	26.7529	25.5393	30	126.61	323.31	289	0.096214	0.431887
Q99PL6	UBX domain-containing protein 6	Ubxn6	21.0763	21.6336	7	49.795	73.53	15	0.727827	0.85436
Q99PT1	Rho GDP-dissociation inhibitor 1	Arhgdia	27.4378	27.7687	10	23.407	323.31	332	0.588998	0.770781
Q99PU5	Long-chain-fatty-acid--CoA ligase A	Acsbg1	23.5439	22.364	18	80.425	132.02	45	0.419162	0.651445
Q9CPP6;Q9CX78	NADH dehydrogenase [ubiquinone	Ndufa5	24.0974	23.3192	5	13.36	12.892	26	0.619975	0.788212
Q9CPQ1	Cytochrome c oxidase subunit 6C	Cox6c	27.1364	28.1903	9	8.4689	57.988	198	0.271705	0.539049
Q9D037;Q9CQY3;C	ATP synthase subunit g, mitochond	Atp5l	26.5885	27.6315	3	11.364	63.674	216	0.335226	0.586828
Q9CPU4	Microsomal glutathione S-transfer	Mgst3	21.2097	20.3979	5	16.958	119.92	19	0.511751	0.714496
Q9CPV4;E9Q197;F6	Glyoxalase domain-containing prot	Glod4	25.3532	26.2233	17	33.316	169.4	260	0.186729	0.484771
Q9CPY7	Cytosol aminopeptidase	Lap3	23.313	24.4906	23	56.141	215.35	97	0.108643	0.43215
Q9CQ54;A0A0U1RI	NADH dehydrogenase [ubiquinone	Ndufc2	24.796	24.2169	7	14.164	148.79	148	0.383301	0.616582
Q9CQ60;Q8CBG6;E	6-phosphogluconolactonase	Pgl3	22.6738	23.8849	6	27.254	13.401	51	0.039138	0.363551
Q9CQ69	Cytochrome b-c1 complex subunit	Uqcrc	25.1285	27.4162	6	9.7681	36.011	164	0.086712	0.43008
Q9CQ75	NADH dehydrogenase [ubiquinone	Ndufa2	24.8005	26.1148	5	10.916	42.764	91	0.252278	0.529258
Q9CQB4;Q9D855	Cytochrome b-c1 complex subunit	Uqcrc	25.4305	25.7597	10	13.561	40.67	101	0.650217	0.803768

Q9CQD1	Ras-related protein Rab-5A	Rab5a	23.3452	22.5017	7	23.598	29.797	43	0.489698	0.700753
Q9CQE1;B1AWZ5	Protein NipSnap homolog 3B	Nipsnap3b	22.3652	22.7244	4	28.308	10.864	10	0.495745	0.704388
Q9CQJ8	NADH dehydrogenase [ubiquinone	Ndufb9	24.5105	25.3871	8	21.984	38.025	82	0.439007	0.665551
Q9CQW1	Synaptobrevin homolog YKT6	Ykt6	23.4181	24.2698	10	22.314	35.511	53	0.32917	0.580654
Q9CQZ5	NADH dehydrogenase [ubiquinone	Ndufa6	25.1688	25.4892	5	15.283	20.685	74	0.715281	0.845189
Q9D6H6;Q9CQZ6	NADH dehydrogenase [ubiquinone	Ndufb3	22.7442	23.3057	4	11.691	8.1871	37	0.806115	0.90148
Q9CR16;Q3UB60	Peptidyl-prolyl cis-trans isomerase	Ppid	24.3675	23.9593	10	40.742	31.22	95	0.345444	0.590563
Q9CWK0;Q9CR57;C	60S ribosomal protein L14	Rpl14;Rpl14-ps:	23.8374	21.5418	3	26.316	17.096	35	0.098138	0.432077
Q9CR61	NADH dehydrogenase [ubiquinone	Ndufb7	24.0982	25.8949	4	16.331	12.331	69	0.110165	0.434975
Q9CR68	Cytochrome b-c1 complex subunit	Uqcrrs1	26.8013	27.4197	14	29.367	136.06	187	0.145996	0.458235
Q9CRB6;Q1JPR8	Tubulin polymerization-promoting	Tppp3	22.1601	21.8927	2	18.965	22.263	5	0.856674	0.925184
Q9CRB9;Q91VG6	MICOS complex subunit Mic19	Chchd3	25.2572	24.8491	10	26.334	53.471	95	0.605896	0.780188
Q9CS84;E0CY11	Neurexin-1	Nrxn1	23.6858	21.6512	18	166.17	109.4	54	0.099217	0.435634
Q9CVB6;Q3UA52;C	Actin-related protein 2/3 complex	Arpc2	27.7617	26.7695	23	34.357	323.31	496	0.228386	0.516198
Q9CWJ9	Bifunctional purine biosynthesis pr	Atic	23.0128	23.2943	17	64.217	260.75	44	0.673251	0.822748
Q9CWS0;D3YU15;C	N(G),N(G)-dimethylarginine dimet	Ddah1	25.6586	23.8441	20	31.381	265.03	232	0.267065	0.534462
Q9CX34	Suppressor of G2 allele of SKP1 hor	Sugt1	23.4855	21.6127	8	38.158	55.777	34	0.240223	0.528819
Q9CX86	Heterogeneous nuclear ribonucleo	Hnrnpa0	23.6115	21.8389	7	30.53	79.19	73	0.263247	0.534813
Q9CXS4	Centromere protein V	Cenpv	23.1541	22.8536	6	27.541	12.397	25	0.489245	0.700728
Q9CXW3;A0A0A6Y	Calcyclin-binding protein	Cacybp	23.3779	23.3824	7	26.51	87.427	27	0.987017	0.990097
Q9CY27;Q9CWN2;C	Very-long-chain enoyl-CoA reducta	Tecr	22.5749	21.3244	7	36.09	26.953	21	0.026165	0.311464
Q9CYG7	Mitochondrial import receptor sub	Tomm34	21.2012	20.2819	8	34.278	20.012	20	0.306425	0.56731
Q9CYT6;Q8BKZ3;D	Adenylyl cyclase-associated proteir	Cap2	24.6033	26.0758	21	52.861	323.31	138	0.011936	0.286276
Q9CZ30;Q3TJF2;Q3	Obg-like ATPase 1	Ola1	24.1979	25.0765	18	44.729	141.87	80	0.260577	0.533436
Q9CZC8	Secernin-1	Scrn1	24.1613	25.1183	15	46.325	129.92	118	0.159548	0.469587
Q9CZD3	Glycine--tRNA ligase	Gars	22.4252	22.5819	14	81.877	85.355	34	0.894648	0.937223
Q9CZS1	Aldehyde dehydrogenase X, mitoch	Aldh1b1	21.1752	22.493	12	57.552	102.07	24	0.026096	0.312951
Q9CZU6	Citrate synthase, mitochondrial	Cs	28.8407	29.3796	23	51.736	323.31	1069	0.250472	0.529617
Q9D023	Mitochondrial pyruvate carrier 2	Mpc2	23.6145	22.7058	4	14.286	41.552	35	0.505983	0.711386
Q9D051	Pyruvate dehydrogenase E1 compc	Pdhb	27.6304	26.1652	16	38.937	323.31	773	0.102773	0.43462
Q9D0I9;Q3UAZ3;Q	Arginine--tRNA ligase, cytoplasmic	Rars	21.1226	20.9499	8	75.673	22.597	14	0.831647	0.914755
Q9D0K2;Q3UK61;C	Succinyl-CoA:3-ketoacid coenzyme	Oxct1	25.7747	26.9518	17	55.988	323.31	222	0.094323	0.433077
Q9D0M3	Cytochrome c1, heme protein, mit	Cyc1	27.1573	27.7301	9	35.327	323.31	448	0.144172	0.457875

Q9D0M5;D6RIN4	Dynein light chain 2, cytoplasmic	Dynll2	26.1115	26.9046	7	10.35	72.576	195	0.238001	0.526815
Q9D0R2;Q3U630;C	Threonine--tRNA ligase, cytoplasmic	Tars	21.8478	21.8454	10	83.355	46.95	18	0.995235	0.996475
Q9D172	ES1 protein homolog, mitochondrial	D10Jhu81e	26.4451	27.7191	11	28.09	224.21	294	0.197339	0.494733
Q9D1A2;Q3TG71;C	Cytosolic non-specific dipeptidase	Cndp2	23.6506	24.5119	17	52.767	109.09	65	0.3265	0.578484
Q9D1D4	Transmembrane emp24 domain-containing	Tmed10	22.6425	22.223	2	24.911	7.1864	19	0.751004	0.865755
Q9D1P4	Cysteine and histidine-rich domain-containing	Chordc1	21.2219	19.3239	6	37.35	16.034	13	0.207725	0.496009
Q9D1R9;A0A0G2JG	60S ribosomal protein L34	Rpl34	21.4623	20.847	3	13.293	5.4345	19	0.729708	0.855318
Q9D2G2	Dihydrolipoyllysine-residue succinyltransferase	Dlst	25.1204	26.2371	11	48.994	234.86	249	0.084462	0.432263
Q9D2P8	Myelin-associated oligodendrocyte myelin glycoprotein	Mobp	26.1134	27.0856	5	19.197	72.223	156	0.114174	0.434779
Q9D2V7	Coronin-7	Coro7	21.8297	20.4897	10	100.81	34.98	21	0.002814	0.196613
Q9D394;A0A0G2JF	Protein RUFY3	Rufy3	23.2294	24.933	16	53.006	185.5	68	0.003771	0.224462
Q9D3A9;A0A0U1RF	Protein tweety homolog 1	Ttyh1	24.0699	23.9978	6	49.032	239.36	82	0.910696	0.947856
Q9D4C9	Clavesin-1	Clvs1	20.5711	19.9629	4	40.613	20.851	15	0.246687	0.532115
Q9D6F9	Tubulin beta-4A chain	Tubb4a	27.307	28.6919	31	49.585	323.31	562	0.032835	0.342633
Q9D6J5;E9Q9J5;Q3	NADH dehydrogenase [ubiquinone]	Ndufb8	25.0135	25.0628	5	21.876	18.718	95	0.955277	0.970373
Q9D6J6;M0QWP9	NADH dehydrogenase [ubiquinone]	Ndufv2	25.0021	26.0125	7	27.285	266.45	216	0.153715	0.466077
Q9D6M3;E9PY45;E	Mitochondrial glutamate carrier 1	Slc25a22	26.4736	25.7446	14	34.67	290.18	333	0.200492	0.497976
Q9D6R2	Isocitrate dehydrogenase [NAD] subunit alpha	Idh3a	28.7415	27.6003	20	39.638	323.31	862	0.144781	0.458903
Q9D6U8	Protein FAM162A	Fam162a	22.7963	24.9927	3	17.725	12.003	31	0.260471	0.5339
Q9D7A8	Armadillo repeat-containing protein 1	Armc1	20.7681	20.3926	4	31.246	26.659	8	0.641003	0.797902
Q9D898	Actin-related protein 2/3 complex subunit 1	Arpc5l	26.3675	25.4306	5	16.98	30.678	119	0.244325	0.5313
Q9D8B3	Charged multivesicular body protein 4b	Chmp4b	21.006	19.9335	4	24.936	10.828	8	0.118931	0.43635
Q9D8W5;B1AT36;C	26S proteasome non-ATPase regulatory subunit 12	Psmd12	20.906	22.6109	11	52.895	92.683	21	0.181073	0.481761
Q9D8W7;A0A0J9YL	OCIA domain-containing protein 2	Ociad2	22.554	24.0891	3	16.925	5.7498	26	0.069672	0.4241
Q9D9V3;E0CX53	Ethylmalonyl-CoA decarboxylase	Echdc1	19.6591	20.0739	2	35.467	3.6394	5	0.696957	0.832721
Q9DB05;Q9CXX1	Alpha-soluble NSF attachment protein	Napa	24.3993	23.8878	20	33.189	306.23	194	0.610279	0.782072
Q9DB20;Q3TF25;Q	ATP synthase subunit O, mitochondrial	Atp5o	28.6094	29.4874	14	23.363	144.58	604	0.211564	0.49851
Q9DB60;B1AS14	Prostamide/prostaglandin F synthase	Fam213b	20.7065	21.3084	3	21.67	6.5502	7	0.627525	0.792171
Q9DB73;G3UZG6	NADH-cytochrome b5 reductase 1	Cyb5r1	20.9113	20.9634	5	34.134	13.838	15	0.949957	0.969874
Q9DB77	Cytochrome b-c1 complex subunit 2	Uqcrc2	28.2641	28.3976	22	48.234	323.31	748	0.765791	0.876514
Q9DBE8;F6RBY3	Alpha-1,3/1,6-mannosyltransferase	Alg2	20.7102	21.5233	9	47.404	36.383	17	0.351163	0.593395
Q9DBF1;G3UYR8	Alpha-amino adipic semialdehyde dehydrogenase	Aldh7a1	24.3919	25.0795	19	58.861	323.31	111	0.126225	0.443861
Q9DBP5;A0A0R4J0	UMP-CMP kinase	Cmpk1	23.1134	25.0555	6	22.165	20.454	122	0.192391	0.491531

Q9DBS2;B1AX95	Tumor protein p63-regulated gene Tprgl1;Tprgl	23.3592	23.0324	11	29.814	118.41	39	0.608921	0.780955
Q9DC07	LIM zinc-binding domain-containing; Nebl	25.8112	25.5836	12	31.113	81.295	84	0.437557	0.665865
Q9DC70	NADH dehydrogenase [ubiquinone Ndufs7	25.1492	24.5321	7	24.683	31.487	127	0.472725	0.68873
Q9DCJ5	NADH dehydrogenase [ubiquinone Ndufa8	27.5143	26.569	8	19.992	28.827	135	0.257635	0.532159
Q9DCL9	Multifunctional protein ADE2;Phos Paics	20.6127	20.8923	9	47.006	89.411	20	0.817261	0.908885
Q9DCN2;Q9CY59;F	NADH-cytochrome b5 reductase 3; Cyb5r3	23.9359	23.449	13	34.127	113.77	78	0.551338	0.745164
Q9DCS9;D3YUK4	NADH dehydrogenase [ubiquinone Ndufb10	24.6329	25.919	8	21.024	86.943	179	0.019573	0.317709
Q9DCT2	NADH dehydrogenase [ubiquinone Ndufs3	25.8189	26.7777	14	30.149	161.63	358	0.350132	0.594781
Q9DCW4;A0A0U1R	Electron transfer flavoprotein subu Etfb	24.6389	25.7031	12	27.623	141.68	203	0.132935	0.447855
Q9DD18	D-tyrosyl-tRNA(Tyr) deacylase 1 Dtd1	21.208	23.2112	5	23.384	12.962	20	0.242976	0.531965
Q9EP69	Phosphatidylinositol phosphatase Sacm1l	21.9257	22.1125	10	66.943	35.138	24	0.440638	0.664888
Q9EPL8	Importin-7 Ipo7	22.288	20.1618	20	119.49	82.587	51	0.041619	0.363487
Q9EPN1	Neurobeachin Nbea	25.2909	22.114	50	326.74	323.31	106	0.129314	0.444985
Q9EPU0	Regulator of nonsense transcripts 1 Upf1	22.762	20.4954	12	123.97	55.088	19	0.001297	0.160319
Q9EQ06	Estradiol 17-beta-dehydrogenase 1 Hsd17b11	20.8653	20.0933	5	32.88	9.2227	14	0.487826	0.699318
Q9EQ20;Q8K0L1	Methylmalonate-semialdehyde de Aldh6a1	24.0929	25.4014	25	57.915	323.31	132	0.072279	0.42084
Q9EQ80;D3Z0G0;Q	NIF3-like protein 1 Nif3l1	20.972	21.108	6	41.745	25.602	13	0.88095	0.934447
Q9EQF6	Dihydropyrimidinase-related prote Dpysl5	25.247	25.4446	22	61.516	323.31	119	0.702233	0.833448
Q9ER00;Q3TIL5;Q3	Syntaxin-12 Stx12	21.9406	21.7326	6	31.195	49.423	19	0.864035	0.93001
Q9ERD7;Q9CRT0	Tubulin beta-3 chain Tubb3	27.5289	28.8559	25	50.418	323.31	906	0.097132	0.433586
Q9ERK4;E9Q1T9;E9	Exportin-2 Cse1l	26.908	25.3736	14	110.45	75.642	39	0.643081	0.799869
Q9ERS2	NADH dehydrogenase [ubiquinone Ndufa13	24.7581	26.4311	5	16.859	28.323	167	0.107817	0.435332
Q9ES97;Q8C6L4	Reticulon-3 Rtn3	26.523	25.9485	13	103.88	219.86	199	0.131675	0.444541
Q9ESJ4	NCK-interacting protein with SH3 d Nckipsd	23.1539	22.1685	14	78.572	104.19	41	0.327467	0.578922
Q9ESW4	Acylglycerol kinase, mitochondrial Agk	22.7174	22.7427	9	46.975	157.8	52	0.986249	0.989945
Q9JHI5	Isovaleryl-CoA dehydrogenase, mit Ivd	22.4308	23.2525	11	46.325	76.179	47	0.465626	0.683344
Q9JHU4	Cytoplasmic dynein 1 heavy chain 1 Dync1h1	29.4609	24.0238	217	532.04	323.31	1659	0.100096	0.434743
Q9JHU9	Inositol-3-phosphate synthase 1 Isyna1	19.5746	21.0726	6	60.931	37.09	8	0.156249	0.467582
Q9JI91;Q8K3Q4;Q5	Alpha-actinin-2 Actn2	22.6986	21.0489	27	103.83	93.133	32	0.16704	0.472594
Q9JIA1;A0A0G2JGE	Leucine-rich glioma-inactivated prc Lgi1	24.6975	25.5478	16	63.643	323.31	167	0.103232	0.434276
Q9JIS5	Synaptic vesicle glycoprotein 2A Sv2a	27.331	25.2852	19	82.646	323.31	246	0.20389	0.498709
Q9JIA0;Q9WVLO	Maleylacetoacetate isomerase Gstz1	20.9648	21.2241	3	15.865	4.0521	4	0.781142	0.885258
Q9JJV2;D3YWS3	Profilin-2;Profilin Pfn2	27.1964	27.7643	6	15.032	89.595	221	0.552069	0.745525

Q9JJY3	Sphingomyelin phosphodiesterase	Smpd3	21.4226	20.8999	5	71.196	31.004	12	0.316696	0.575714
Q9JK42	[Pyruvate dehydrogenase (acetyl-ti	Pdk2	20.3951	21.9266	6	46.04	12.2	16	0.21994	0.506366
Q9JKB1;B2RTM4;P!	Ubiquitin carboxyl-terminal hydroly	Uchl3;Uchl4	23.3949	23.448	5	26.151	16.92	27	0.878344	0.933531
Q9JKC6	Cell cycle exit and neuronal differenc	Cend1	27.6067	28.493	8	14.987	117.88	110	0.12054	0.436279
Q9JKD3	Secretory carrier-associated memb	Scamp5	24.2652	22.7129	3	26.068	27.184	89	0.329341	0.580319
Q9JKK7	Tropomodulin-2	Tmod2	24.8496	24.7755	20	39.51	323.31	200	0.95258	0.969472
Q9JKR6;Q8VCI2	Hypoxia up-regulated protein 1	Hyou1	24.6328	20.0623	18	111.18	102.68	54	0.001379	0.147701
Q9JLN9	Serine/threonine-protein kinase m	Mtor	21.9528	19.981	13	288.79	20.965	14	0.002893	0.185962
Q9JMW6;H7BWZ3;L	Actin-related protein 2/3 complex	Arpc3	27.2984	27.9244	7	20.524	44.653	248	0.202435	0.497421
Q9JME5	AP-3 complex subunit beta-2	Ap3b2	24.5886	22.8542	26	119.19	226.8	70	0.00323	0.199618
Q9JMH6;Q91Y95	Thioredoxin reductase 1, cytoplasmic	Txnrd1	22.0347	22.7739	11	67.083	191.37	21	0.363477	0.603417
Q9QUM9;E0CXB1	Proteasome subunit alpha type-6	PsmA6	24.5671	25.6704	10	27.372	61.538	149	0.205051	0.497759
Q9QUP5	Hyaluronan and proteoglycan link	Hapln1	25.428	25.6114	17	40.477	280.33	203	0.671502	0.821236
Q9QXS6;Q3TRK3;A	Drebrin	Dbrn1	26.2423	24.904	20	77.286	323.31	236	0.018988	0.321191
Q9QXY6;Q8R0V6	EH domain-containing protein 3	Ehd3	24.6732	25.6458	31	60.82	323.31	184	0.081403	0.433158
Q9QYB8;Q8C0Y2	Beta-adducin	Add2	25.7395	24.2408	28	80.641	323.31	189	0.088004	0.43381
Q9QYG0	Protein NDRG2	NdrG2	26.5357	26.8592	15	40.789	323.31	410	0.64738	0.802112
Q9QYJ0;Q3TFF0	DnaJ homolog subfamily A member	DnaJ2	22.7397	24.2032	12	45.745	113.3	55	0.052297	0.402113
Q9QYS2	Metabotropic glutamate receptor	Grm3	23.905	22.0181	11	99.113	44.274	48	0.209209	0.498072
Q9QYX7	Protein piccolo	Pclo	25.7327	23.1204	60	550.83	323.31	132	0.085218	0.432004
Q9QZ83	Gamma actin-like protein	Actg1	28.1234	29.0984	21	43.6	323.31	771	0.174371	0.478182
Q9QZB7	Actin-related protein 10	Actr10	19.9398	21.9093	6	46.207	12.725	11	0.011473	0.283635
Q9QZM0	Ubiquitin-2	Ubqln2	22.586	22.6427	7	67.35	323.31	41	0.972651	0.981815
Q9QZQ8	Core histone macro-H2A.1	H2afy	22.7552	22.4967	10	39.735	61.046	42	0.74996	0.865794
Q9QZX7	Serine racemase	Srr	25.1741	24.6004	11	36.358	212.19	58	0.473833	0.689095
Q9R0N7	Synaptotagmin-7	Syt7	20.8878	22.1771	5	45.472	26.469	8	0.144798	0.458051
Q9R0P9;Q3TCH2;I7	Ubiquitin carboxyl-terminal hydroly	Uchl1	28.9071	29.1754	12	24.838	259.77	354	0.730982	0.855563
Q9R0Q6;A0A0G2JF	Actin-related protein 2/3 complex	Arpc1a	26.6329	26.1923	20	41.626	323.31	363	0.292827	0.549734
Q9R0X4;Q32MW3	Acyl-coenzyme A thioesterase 9, m	Acot9;Acot10	20.247	21.4422	8	50.56	126.29	18	0.250928	0.529884
Q9R0Y5	Adenylate kinase isoenzyme 1	Ak1	26.0124	27.0823	11	21.539	154.1	194	0.129908	0.444174
Q9R1P3;Q8BJX0	Proteasome subunit beta type-2;Pr	PsmB2	23.7024	25.221	8	22.906	18.818	87	0.060075	0.414337
Q9R1Q8;Q9D6K2	Transgelin-3;Transgelin	Tagln3	27.483	27.8535	15	22.47	95.512	318	0.300868	0.558954
Q9WTL7	Acyl-protein thioesterase 2	Lypla2	22.979	24.5308	9	24.794	32.908	63	0.161557	0.470331

Q9WTP7;Q9D8W6	GTP:AMP phosphotransferase AK3	Ak3	24.1254	25.1163	11	25.426	48.817	86	0.166711	0.472495
Q9WUB3;E9PUM3	Glycogen phosphorylase, muscle fc	Pygm	24.1665	21.742	35	97.285	131.11	84	0.09536	0.430459
Q9WUM5	Succinyl-CoA ligase [ADP/GDP-form	Suc1g1	26.7498	25.3393	12	36.154	323.31	334	0.182078	0.482043
Q9WV18;G3UZ52;C	Gamma-aminobutyric acid type B r	Gabbr1	22.4405	20.2508	5	108.21	17.255	14	0.069978	0.422759
Q9WV34	MAGUK p55 subfamily member 2	Mpp2	23.4347	23.6798	16	61.554	153	74	0.686836	0.83176
Q9WV55	Vesicle-associated membrane prot	Vapa	25.986	26.5118	11	27.855	115.18	189	0.266461	0.535924
Q9Z0E0	Neurochondrin	Ncdn	28.5835	28.2287	35	78.894	323.31	1091	0.282656	0.547264
Q9Z0G0	PDZ domain-containing protein GIF	Gipc1	20.1871	20.0047	2	36.129	25.012	7	0.862325	0.928791
Q9Z0H8;Q6A090	CAP-Gly domain-containing linker	Clip2;mKIAA025	23.4815	20.7487	19	115.91	73.566	25	0.102221	0.434575
Q9Z0P4;Q6ZQE7;Q	Paralemmin-1	Palm	22.9294	24.0472	12	41.614	323.31	74	0.251781	0.530986
Q9Z0P5	Twinfilin-2	Twf2	22.6644	23.1517	11	39.47	221.07	50	0.57177	0.754379
Q9Z0Y1;E9Q919	Dynactin subunit 3	Dctn3	22.6767	21.9052	6	20.978	9.9632	27	0.465815	0.682998
Q9Z140;Q3UYN2;Q	Copine-6	Cpne6	27.065	27.6262	27	61.78	323.31	517	0.324466	0.578067
Q9Z1B3;Q2M4J2;Q	1-phosphatidylinositol 4,5-bisphos	Plcb1;mKIAA05	26.4601	22.5911	51	138.39	323.31	224	0.018666	0.319113
Q9Z1G3;Q3TG21;Q	V-type proton ATPase subunit C 1	Atp6v1c1	26.6793	26.1017	31	43.887	323.31	386	0.479431	0.69347
Q9Z1L5	Voltage-dependent calcium channe	Cacna2d3	22.5955	20.5138	14	122.78	67.154	24	0.098078	0.432997
Q9Z1N5;Q3TB18;Q	Spliceosome RNA helicase Ddx39b;	Ddx39b;Ddx39;	23.5801	24.44	13	49.035	143.32	89	0.096224	0.430732
Q9Z1P6;A0A068BG	NADH dehydrogenase [ubiquinone	Ndufa7	25.2666	26.3384	11	12.575	47.858	72	0.22927	0.514577
Q9Z1Q2;Q80YU0	Abhydrolase domain-containing pr	Abhd16a;Abhd1	19.8163	19.9243	2	63.085	2.8662	2	0.748971	0.86652
Q9Z1S5;Q5DTK0	Neuronal-specific septin-3	Sept3	25.9904	24.7875	14	40.037	181.46	219	0.558799	0.748325
Q9Z1Z0	General vesicular transport factor	Uso1	22.5787	21.5614	11	106.98	64.219	19	0.226101	0.513923
Q9Z268	RasGAP-activating-like protein 1	Rasal1	23.5928	22.4759	21	89.394	214.13	87	0.368417	0.604746
Q9Z2D6	Methyl-CpG-binding protein 2	Mecp2	23.0609	22.3404	11	52.307	51.577	32	0.450623	0.671132
Q9Z2I0	LETM1 and EF-hand domain-contai	Letm1	25.11	24.1919	20	82.988	323.31	118	0.336569	0.587259
Q9Z2Q6;B7ZNM7;C	Septin-5	Sept5	27.0912	26.973	22	42.747	323.31	525	0.871153	0.933295
Q9Z2X1;Q8R582	Heterogeneous nuclear ribonucleo	Hnrnpf	20.6784	20.3627	5	45.729	11.372	7	0.751998	0.865659
Q9Z2Y3;D3Z6A7;E9	Homer protein homolog 1	Homer1	24.6841	24.8222	19	41.412	202.58	124	0.84153	0.918084
S4R1Q0;S4R2I2;S4F	Ankyrin repeat and sterile alpha m	Anks1b	24.2358	25.245	16	55.078	149.68	139	0.078649	0.428438
S4R2F3	Ankyrin-2	Ank2	28.1126	25.7673	99	429.1	323.31	825	0.028153	0.314176
W6PPA1;S4R2K9;W	Ankyrin-3	Ank3	23.8545	20.6152	29	284.66	140.85	50	0.040246	0.355358

#### Medial prefrontal cortex

A0A024QYR9;O085	Phosphatidylinositol 3,4,5-trisphos	Pten	21.2001	21.9785	6	64.566	13.845	26	0.451042	1
Q78ZJ8;A0A068BFF	Ras-related protein Rab-11B;Ras-re	Rab11b;Rab11a	26.0233	27.3003	15	24.489	95.469	403	0.423695	1

Q3V3A4;A0A068BC	Vacuolar protein sorting-associated Vps52	23.8164	24.0562	8	82.099	19.617	25	0.593154	1
Q7JCZ1;A0A075DC	Cytochrome c oxidase subunit 2 mt-Co2;COX2;N	28.6402	28.9328	8	25.976	207.32	599	0.397119	1
Q3TNL9;Q4JFN6;G	NADH-ubiquinone oxidoreductase mt-Nd1;ND1;M	24.3894	24.3514	7	35.928	22.469	78	0.963949	1
Q7JCX7;Q7JCA9;G3	Cytochrome c oxidase subunit 3 mt-Co3;COX3;C	26.3979	26.932	1	29.922	45.316	28	0.570565	1
A0A076FRG6;Q91V	Solute carrier family 12 member 5 Slc12a5	29.924	30.0438	40	126.27	323.31	1143	0.644196	1
A0A087WNN1;Q9	SLIT-ROBO Rho GTPase-activating p Srgap2	22.2817	22.5421	6	98.278	9.2921	15	0.184707	1
A0A087WNP6;Q4V	Protein CDV3 Cdv3	20.7735	21.4171	4	24.196	7.5716	5	0.104033	1
A0A087WQE6;A0A	Transcription elongation factor B p Tceb1	24.804	23.3648	8	10.657	18.449	63	0.440735	1
A0A087WNV1;A0A	Arf-GAP domain and FG repeat-cor Agfg1	22.6682	22.4551	8	53.974	41.222	45	0.701738	1
A0A087WQF8;A0A	Kinectin Ktn1	21.9685	21.6165	7	137.63	6.3547	21	0.214808	1
J3QP81;A5D6Q8;A	CLIP-associating protein 1 Clasp1	23.5871	23.6463	12	160.92	15.373	24	0.923863	1
A0A087WSJ9;A0A0	Regulator of G-protein signaling 6 Rgs6	24.5009	24.8023	18	50.185	69.002	111	0.682503	1
Q3ZAQ4;A0A087WP33;A1A4C2;A0A087WPL8	Atg9a	22.2793	22.3943	6	94.424	8.1634	25	0.556475	1
Q3TYE5;A0A087WF	Limbic system-associated membrane Lsamp	28.0881	28.059	16	37.31	218.64	497	0.867192	1
A0A087WPL5;E9Q	ATP-dependent RNA helicase A Dhx9	27.76	27.7654	43	149.62	243.45	404	0.979091	1
A0A087WRN1;Q3T	Bcl-2-associated transcription factor Bclaf1	23.2377	22.0698	6	67.703	9.9227	12	0.211151	1
Q6TA13;A0A087W	Kinesin-like protein Kif1a	27.1761	26.9415	49	191.81	177.83	263	0.532392	1
A0A087WQF0;Q8V	Lipid phosphate phosphatase-related Lppr2	20.4432	21.4087	2	45.593	4.0744	10	0.236791	1
A0A087WQS2;Q9C	Basic leucine zipper and W2 domain Bzw1	22.4024	22.8788	12	51.209	69.268	30	0.66648	1
Q3TBB4;Q3UHR1;B	Fibronectin;Anastellin Fn1	22.4103	22.4527	11	201.26	13.912	16	0.922693	1
A0A087WRE5;Q6P	U8 snoRNA-decapping enzyme Nudt16	20.9442	20.089	5	21.248	6.2424	10	0.23144	1
A0A087WRS3;A0A087WNT3	Abi2	25.7574	25.5936	12	49.358	67.299	111	0.415798	1
J3QQ16;A0A087WS16;E9PWQ3;O88493;Q9Z0I9;D3YM	Col6a3	24.4183	23.9482	22	288.69	76.697	40	0.6649	1
A0A087WS83;Q61	Voltage-dependent R-type calcium Cacna1e	24.8415	24.9931	24	257.2	43.611	85	0.599715	1
Q8C073;A0A087W	SH3 domain-binding glutamic acid- Sh3bgrl2	20.817	21.2827	3	13.589	4.9568	12	0.683272	1
J3QN27;J3QMT8;E	Calcium-activated potassium channel Kcnma1	25.4907	25.2617	15	127.22	59.844	88	0.500107	1
A0A087WSS1	RAB11-binding protein RELCH Relch	21.0121	21.8326	34	131.87	3.282	7	0.520587	1
A0A0A0MQ68;Q60	Glutaryl-CoA dehydrogenase, mitochondrial Gcdh	21.0964	21.5718	5	49.57	25.15	8	0.217345	1
S4R294;S4R2J9;A0A	Protein PRRC2C Prrc2c	22.1189	22.0331	6	298.11	4.1309	9	0.88951	1
B9EJ72;A0A0A0MC	Teneurin-2;Ten-2, soluble form;Ter Tenm2	22.1922	22.6063	9	303.34	22.615	12	0.791538	1
A0A0A0MQD5;Q4A	SH3 and multiple ankyrin repeat domain Shank3	26.449	26.0674	35	192.22	115.3	163	0.135539	1
D2KHZ9;A0A0A0M	Glyceraldehyde-3-phosphate dehydrogenase GAPDH;Gapdh;G	32.8589	32.6852	25	35.81	323.31	6278	0.029704	1
A0A0A0MQM0;P6	Eukaryotic translation initiation factor Eif5a;Eif5a2	26.2264	24.7767	13	16.302	43.331	155	0.488869	1

Q3TM87;Q3TAB9;A Ubiquitin-like modifier-activating e Atg7	21.7917	22.0509	12	77.52	10.284	14	0.769242	1
A0A0A1HAM8;P26I Myristoylated alanine-rich C-kinase Marcks	26.5635	26.2938	12	29.721	211.46	98	0.635664	1
A0A0A6YVU8;Q9JK Proteasomal ubiquitin receptor AD Gm9774;Adrm1	22.5371	22.4957	4	42.147	11.572	30	0.914846	1
A0A0A6YXC8;E9QK Protein enabled homolog Enah	23.2239	22.3508	8	58.35	14.467	26	0.404554	1
A0A0A6YWG7;E9Q Rap guanine nucleotide exchange f Rapgef2	26.4988	26.4058	37	184.11	254.8	193	0.586473	1
A0A0A6YWM5;E9C Rab3 GTPase-activating protein noi Rab3gap2	25.7542	25.6531	34	152.54	124.64	131	0.307283	1
A0A0A6YY37;B2RXR7;A0A0A6YY09;B2RY66;A0A0A6YV Pcdh9	21.7526	20.5328	3	114.31	2.7182	4	0.011804	1
A0A0A6YX18;Q8BV V-type proton ATPase subunit H Atp6v1h	28.8152	29.0179	28	54.108	323.31	1138	0.510686	1
A0A0A6YX73;Q8K1 cAMP-dependent protein kinase ty Prkar2a	26.5921	26.4933	19	43.165	228.98	332	0.554481	1
A0A0A6YY47;E9Q5 Neural cell adhesion molecule 1 Ncam1	25.9047	25.8358	31	93.491	45.847	29	0.911169	1
A0A0A6YY53;F6TQ' Ig gamma-2A chain C region secret IgHg2c;IgHg2a;Ig	21.5204	21.8675	5	36.407	23.292	17	0.723332	1
B2RRE3;A0A0A6YYI Calmodulin-regulated spectrin-assc Camsap2	22.4042	22.4409	8	165.66	10.926	17	0.961979	1
A0A0A6YY91 Neural cell adhesion molecule 1 Ncam1	31.239	31.0355	41	116.26	323.31	1563	0.427408	1
Q4FJX1;Q3UGH8;A Importin subunit alpha;Importin su Kpna4	24.9009	24.4704	15	57.922	67.665	102	0.216995	1
A0A0B4J1P7;Q542( Cystine/glutamate transporter Slc7a11	23.8482	22.9513	6	54.041	12.183	18	0.552376	1
A0A0M3KL49;Q65Z' Ig kappa chain C region Igkc;lgk;LC;LOC:	22.203	23.025	4	24.085	7.5919	23	0.62081	1
A0A0G2JDT9;A0A0 Leucine-rich repeat-containing proi Lrrc7	25.4651	25.2116	23	167.5	65.845	78	0.118699	1
A0A0G2JDW7;Q6Z\ 40S ribosomal protein S27 Rps27	24.4819	23.8076	5	9.2327	15.612	40	0.253716	1
A0A0G2JDX4;A0A0 Tetraspanin;Tetraspanin-2 Tspan2	21.8957	22.8607	3	9.5218	20.144	17	0.517247	1
Q80TU0;A0A0G2JE Membrane-associated guanylate ki mKIAA0705;Ma	22.8848	23.2249	11	137.28	17.267	20	0.486208	1
S4R1K5;B1AXI2;A0 Rho guanine nucleotide exchange f Arhgef9	22.3172	21.9183	8	49.184	10.005	14	0.201693	1
A0A0G2JEC4;Q9JK4 Endophilin-B1 Sh3glb1	23.4908	23.414	9	44.303	28.158	47	0.822626	1
A0A0G2JEG8;Q7TQ Amphiphysin Amph	28.8091	28.8777	27	75.339	323.31	627	0.605139	1
A0A0H2UH27;A0A( Fragile X mental retardation syndrc Fxr1	20.8108	21.0563	3	51.014	6.81	9	0.780546	1
A0A0G2JFB0;D3YXI RIMS-binding protein 2 Rimbp2	24.6394	24.5968	12	118.21	30.362	42	0.753451	1
Q0P6B2;Q3TUE1;A Far upstream element-binding prot Fubp1	24.6082	24.3914	13	67.195	36.72	57	0.406695	1
A0A1D5RMJ7;A0A( Seizure 6-like protein Sez6l	23.3544	23.0555	5	96.293	19.591	34	0.289879	1
A0A0G2JG79;Q3TV Geranylgeranyl transferase type-2 Rabggtb	21.9344	22.3407	6	22.765	24.614	29	0.385201	1
A0A0G2JGP4;Q9D0 GTPase NRas Nras	24.5087	22.0344	10	20.586	5.6349	78	0.108779	1
A0A140T8R8;A0A0 DCN1-like protein;DCN1-like protei Dcun1d1	21.2826	22.6224	8	24.94	14.507	18	0.260832	1
A0A0G2JGX4;Q6PI( Sodium/potassium-transporting AT Atp1a3	34.1561	34.2271	64	112.99	323.31	5806	0.838527	1
A0A0G2JGY9;Q7TV Lipid phosphate phosphatase-relat Lppr4	23.3587	23.7541	14	76.746	30.387	40	0.852755	1
A0A0J9YKD4;Q9D6 Creatine kinase M-type Ckm	25.3282	25.5593	2	35.108	26.065	121	0.853822	1

B1AWN6;A0A0J9YT	Sodium channel protein	Scn2a1	27.0251	27.0037	36	227.94	232.62	255	0.948213	1
A0A0J9YTY0;A0A0J	Septin-11	Sept11	28.115	27.9461	26	48.978	323.31	401	0.710822	1
Q6PDG0;B9EJ54;A0A0J9YUD5;Q6ZQG1;Q6P9L5		Nup205	21.8012	21.5472	6	226.93	9.6657	8	0.831795	1
A0A0J9YUN4;A0A0	Dynamin-1	Dnm1	31.6961	31.6929	73	97.294	323.31	3926	0.988718	1
A0A0J9YUS5;E9PVC	Eukaryotic translation initiation fac	Eif4g1	25.8685	25.7124	27	145.31	113.51	120	0.468922	1
Q8C7C4;Q8BNM0;A0A0J9YVG0;Q610	High mobility group protein B1	Hmgb1	24.6463	26.0734	13	20.303	100.12	131	0.281867	1
A0A0J9YVG0;Q610	Protein phosphatase 1G	Ppm1g	21.8007	20.9037	4	47.802	9.8347	5	0.351138	1
J3QMN4;A0A0U1R	Thioredoxin reductase 2, mitochon	Txnrd2	22.5505	22.3552	9	53.051	30.562	30	0.869197	1
A0A0N4SUV3;D3YT	Vesicle-associated membrane prot	Vamp1	23.8162	23.0014	6	12.428	37.772	81	0.528858	1
A0A0N4SWH0;Q5D	Membrane-associated guanylate ki	Magi1	22.4595	22.8263	6	110.79	10.014	11	0.552526	1
A0A0N4SV15;Q80L	E3 ubiquitin-protein ligase KCMF1	Kcmf1	21.6671	21.6542	2	36.015	12.156	17	0.987137	1
A0A0N4SV66;A0AL	Histone H2A;Histone H2A type 1-H	Hist1h2ah;Hist1	22.8454	22.6706	6	13.66	10.794	37	0.920043	1
A0A0N4SVB5;Q6PE	Proline-rich transmembrane protei	Prtr3	24.7412	25.0868	11	101.29	29.786	52	0.401623	1
A0A0N4SVC2;E9QP	Transformer-2 protein homolog a	Tra2a	21.4873	21.299	4	32.259	6.4923	18	0.669511	1
A0A0N4SVG2;A0A1	Synaptotagmin-17	Syt17	21.2942	21.2438	6	46.894	11.845	13	0.871651	1
Z4YKC4;A0A0R4J11	Eukaryotic translation initiation fac	Eif4g3	23.7345	24.4917	18	173.55	26.472	37	0.225852	1
Q3U935;Q3U5V2;A	Cellular nucleic acid-binding protei	Cnbp	22.6471	21.3285	3	18.742	5.6545	10	0.07338	1
A0A0N4SVT3;A0A0	Guanine nucleotide-binding protei	Gng12	24.702	24.9364	5	7.1971	57.634	38	0.81094	1
A0A0N4SW14;E6Y2	Coiled-coil domain-containing prot	Ccdc136	21.7695	22.3258	8	50.27	12.079	27	0.335619	1
A0A0N4SW73;Q6Z	Rab11 family-interacting protein 5	Rab11fip5	21.5553	21.1215	6	139.55	12.826	20	0.503282	1
A0A0R3P9C8;Q9DC	NADH dehydrogenase [ubiquinone	Ndufa9	27.6251	27.555	20	42.121	323.31	629	0.773471	1
A0A0R4IZW8;O884	Calpain small subunit 1	Capns1	23.0839	24.3075	7	28.406	34.864	71	0.295383	1
A0A0R4IZX5;P5506	Neurocan core protein	Ncan	28.8768	28.9862	33	137.17	323.31	564	0.586125	1
A0A0R4IZY0;Q8C1	Thimet oligopeptidase	Thop1	25.2561	25.3171	22	78.026	67.188	116	0.673439	1
A0A0R4J023;Q9JLZ	Methylglutaconyl-CoA hydratase, r	Auh	24.0947	26.0355	11	33.338	104.01	187	0.294719	1
A0A0R4J030;Q8CC	APC membrane recruitment protei	Amer2	21.7456	21.6096	4	66.432	8.6573	10	0.838561	1
A0A0R4J036;P0855	Neurofilament medium polypeptid	Nefm	28.6284	28.5935	40	95.94	323.31	631	0.954563	1
A0A0R4J049;Q8CIG	Protein arginine N-methyltransfera	Prmt5	22.3817	22.0571	8	72.737	12.39	24	0.314193	1
A0A0R4J050;Q99JV	Aminoacylase-1	Acy1	21.5992	21.8563	7	45.794	6.2504	12	0.652644	1
A0A0R4J087;Q8BJI	Sodium-dependent neutral amino	Slc6a17	26.8062	26.8521	17	80.756	134.19	228	0.87353	1
A0A0R4J094;Q3TC	Fumarylacetoacetate hydrolase do	Fahd2	23.5914	25.2995	13	34.676	67.937	118	0.262137	1
A0A0R4J227;A0A0F	Serine/threonine-protein kinase M	Mark2	24.8671	24.751	20	80.873	64.799	79	0.693069	1
A0A0R4J0B4;Q99KI	N-acylneuramate cytidyltransfera	Cmas	23.3233	23.8338	13	48.029	36.154	85	0.549652	1

AOA0R4J0B8;Q624 Endophilin-A3	Sh3gl3	23.9019	23.9193	16	38.95	41.842	47	0.95589	1
AOA0R4J0D3;Q3TD Dolichyl-diphosphooligosaccharide	Stt3b	22.5375	22.7206	8	93.314	16.51	19	0.795911	1
Q3UIZ0;AOA0R4J0F Cyclin-G-associated kinase	Gak	25.0922	25.208	24	143.64	61.776	81	0.713441	1
AOA0R4J0G0;Q8BH Phosphoenolpyruvate carboxykinase	Pck2	24.4552	24.3574	21	73.417	88.408	119	0.724945	1
AOA0R4J0I1;P0775 Serine protease inhibitor A3K	Serpina3k	25.6771	25.8747	16	46.672	125.58	154	0.388902	1
AOA0R4J0I9;Q91ZX Prolow-density lipoprotein receptor	Lrp1	28.132	28.0848	76	504.77	314.44	578	0.868761	1
AOA0R4J0J1;Q1RLL Copine-9	Cpne9	22.0234	20.6755	8	61.823	13.973	10	0.198409	1
Z4YL78;AOA0R4J0K Cytoskeleton-associated protein 5	Ckap5	26.5362	26.2873	52	218.71	151.7	169	0.332959	1
AOA0R4J0M9;Q80T Deubiquitinating protein VCIP135	Vcpi1	24.1941	24.0792	16	134.44	24.419	32	0.704809	1
D3YTT4;AOA0R4J0F Isobutyryl-CoA dehydrogenase, mitochondrial	Acad8	23.1094	23.0258	12	45.075	46.835	36	0.724442	1
AOA0R4J0S3;Q924 Reticulon-4-interacting protein 1, nuclear	Rtn4ip1	21.0665	20.717	4	43.399	4.9938	5	0.302845	1
AOA0R4J0S4;Q80Y1 Lethal(2) giant larvae protein homolog	Lgl1	21.7196	21.8698	3	115.56	6.8798	10	0.791978	1
AOA0R4J0W6;Q9CF Leucine-rich repeat-containing protein	Lrrc40	21.8849	22.3772	6	68.048	6.3259	9	0.563244	1
AOA0R4J0W7;A0A1 Serine/threonine-protein kinase LM	Lmtk3	21.9777	21.8411	6	150.89	10.235	15	0.901197	1
AOA0R4J0X5;Q008 Alpha-1-antitrypsin 1-3	Serpina1c	23.4481	23.9958	15	45.854	38.334	52	0.799296	1
AOA0R4J0Z1;P0800 Protein disulfide-isomerase A4	Pdia4	23.9335	24.7302	18	72.369	49.126	83	0.361785	1
AOA0R4J0Z3;P5508 Aquaporin-4	Aqp4	26.5952	26.3791	6	34.535	25.774	88	0.521441	1
F6T0J8;D3Z1R6;D3 Cytoplasmic polyadenylation element	Cpeb3;Cpeb2	21.0861	21.2218	3	46.937	4.8006	9	0.712866	1
AOA0R4J124;Q547 SRSF protein kinase 2;SRSF protein	Srpk2	23.8669	23.4844	9	76.884	19.018	41	0.299338	1
AOA0R4J138;P5042 Arylsulfatase B	Arsb	22.872	22.7926	7	59.704	16.164	30	0.94438	1
AOA0R4J140;Q5SW Clustered mitochondria protein homolog	Cluh	22.1446	22.0184	7	151.83	13.194	15	0.872113	1
AOA0R4J150;B9EJ8 Oxysterol-binding protein	Osbpl8	23.1508	22.9411	8	96.98	10.559	24	0.722916	1
A2A543;J2FKE4;A0 Voltage-dependent L-type calcium	Cacnb1	21.7843	21.9363	8	65.481	6.8505	10	0.710885	1
AOA0R4J1E2;F6ZFU Elongation factor 1-delta	Eef1d	24.5005	24.8843	16	72.93	65.092	93	0.243131	1
AOA0R4J1H6;E9QP Golgin subfamily A member 3	Golga3	21.9742	22.2196	4	162.89	6.1816	6	0.62531	1
Q3TMU8;AOA0R4J1 Dihydropyrimidinase-related protein	Dpysl4	27.5715	27.6937	29	61.927	323.31	441	0.265495	1
G5E8J2;B7ZW98;E9 Ankyrin-1	Ank1	23.0583	22.9137	11	202.52	50.225	18	0.823664	1
D6RE33;AOA0R4J1 Enhancer of mRNA-decapping protein	Edc4	21.1224	20.7728	2	141.95	1.8777	3	0.215947	1
AOA0R4J1Y7;E9PXX Thioredoxin domain-containing protein	Txndc5	22.2822	22.4035	8	36.083	18.222	35	0.669304	1
AOA0R4J1Z3;Q9CR Transmembrane protein 33	Tmem33	22.5421	22.3393	6	27.932	15.923	18	0.900612	1
G3UZ12;AOA0R4J25 Heterogeneous nuclear ribonucleoprotein	Syncip	24.0712	24.3366	21	58.751	47.125	73	0.163812	1
Q91VJ9;AOA0R4J2 1-acyl-sn-glycerol-3-phosphate acyl	Agpat1	24.2058	24.3833	4	31.752	37.233	34	0.598912	1
Q8BME2;AOA0R4J2 NADH dehydrogenase [ubiquinone]	Ndufa12	27.1707	24.7808	14	17.374	143.1	241	0.389559	1

A0A0R4J2B0;V9GX CUGBP Elav-like family member 2	Celf2	23.8572	24.0026	11	46.607	54.634	62	0.665293	1
A0A0R4J2B2;Q6W\ BTB/POZ domain-containing protei	Kctd12	23.7417	23.3465	15	35.888	78.688	111	0.636818	1
Q5DTI3;A0A0R4J2C Synaptotagmin-2	Syt2;syt II	23.6138	24.0512	14	36.063	19.87	41	0.385882	1
A0A0U1RNK7;E9PX Dedicator of cytokinesis protein 7	Dock7	22.3123	21.8615	4	238.09	7.1943	10	0.652236	1
A0A0U1RPD7;A0AC Casein kinase I isoform gamma-1;C	Csnk1g1;Csnk1g	21.0575	21.7979	3	45.076	6.6104	11	0.297389	1
A0A0U1RP13;Q8VI CDP-diacylglycerol--inositol 3-phos	Cdipt	24.1262	24.4081	5	20.292	20.967	126	0.784746	1
A0A140LHA2;Q9W' Mitotic checkpoint protein BUB3	Bub3	22.3169	22.5824	9	36.766	21.607	35	0.823955	1
A0A140LHL5;Q8VD NAD-dependent protein deacetyla	Sirt2	25.7036	25.7085	20	39.425	99.792	206	0.991833	1
D3YY42;A0A140LHI Protein YIF1B	Yif1b	21.4925	21.2905	2	27.479	7.5152	3	0.819079	1
A0A140LIF0;Q3TYT 5-demethoxyubiquinone hydroxyla	Coq7	21.9947	20.4929	4	24.764	4.3189	10	0.173013	1
A0A140LJ46;F8WG Unconventional myosin-XVI	Myo16	23.7006	23.9705	1	70.458	17.366	32	0.9061	1
A0A140T8J4;Q9R2\ Heme-binding protein 1	Hebp1	22.1974	20.3384	4	21.053	11.442	14	0.025568	1
Q6ZWZ4;Q5M9L1;\ 60S ribosomal protein L36	Rpl36	23.4505	22.4304	4	12.254	13.89	65	0.416501	1
Q91YK6;Q4V9X9;Q 60S ribosomal protein L23a	Rpl23a	26.2855	22.9243	9	16.94	22.861	73	0.236125	1
Q9ME04;Q7JCY6;A\ NADH-ubiquinone oxidoreductase	ND4;mt-Nd4;M	27.4014	27.391	7	51.851	109.9	84	0.989224	1
A0A171EBK8;Q5SV Rap1 GTPase-activating protein 2	Rap1gap2	24.9097	24.968	18	84.377	72.712	88	0.904479	1
A0A172Q401;A0A1 Protein shisa-7	Shisa7	21.4776	21.5582	7	56.42	16.118	29	0.874124	1
A0A1B0GR11;Q93C Transaldolase	Taldo1	26.9305	26.8831	20	42.151	96.85	292	0.898439	1
A0A1B0GRX7;Q99k Cytohesin-2	Cyth2	22.9297	22.6468	8	44.655	23.945	55	0.551459	1
Q5PR72;A0A1B0GF cGMP-dependent 3,5-cyclic phosph	Pde2a	27.4407	27.3963	37	105.25	323.31	389	0.925077	1
Q544R1;Q3UYN1;A Proline synthase co-transcribed ba	Prosc	22.3255	24.859	10	30.048	47.642	99	0.350798	1
A0A1B0GRU0;Q3T\ Vesicular glutamate transporter 1	Slc17a7	28.9899	29.0497	14	64.318	258.14	249	0.922283	1
A0A1B0GRV0;Q3U\ Bisphosphate 3'-nucleotidase 1, isc	Bpnt1	26.1512	26.151	18	34.973	309.47	194	0.99943	1
A0A1B0GS08;J3QP\ Protein stum homolog	6330403A02Rik	25.5854	25.7204	2	14.775	40.654	110	0.655926	1
A0A1B0GS63;Q8K2 Arfaptin-2	Arfp2	23.7732	24.2115	13	37.288	97.863	66	0.071835	1
Q3UM23;A0A1B0G Ribonuclease inhibitor	Rnh1	24.9866	24.9879	19	49.843	95.813	111	0.997638	1
Q3LRV6;A0A1B0GT Chloride channel protein;H(+)/Cl(-)	Clcn4-2;Clcn4	23.298	22.9722	5	76.475	14.523	33	0.663936	1
F8WIG2;A0A1B0GT Brain-enriched guanylate kinase-as	Begain	22.1681	21.0591	6	67.376	6.6536	6	0.260863	1
A0A1D5RL92;G5E8 Calcium homeostasis endoplasmic	Cherp	21.4304	21.7384	2	106.41	5.153	3	0.475638	1
A0A1D5RLD8 Glyceraldehyde-3-phosphate dehy	Gm10358	26.4292	26.6832	23	35.812	24.129	85	0.610377	1
A0A1D5RM88;Q7T\ Dedicator of cytokinesis protein 9	Dock9	22.4049	22.0086	6	218.71	10.314	15	0.597452	1
Q3UYK8;A0A1D5RL Rab3 GTPase-activating protein cat	Rab3gap1	24.9877	24.9351	24	110.14	52.74	66	0.919272	1
A0A1D5RLL3;Q8BG Protein EFR3 homolog A	Efr3a	21.0626	21.1854	5	95.684	10.904	8	0.811022	1

A0A1D5RLN6	RIKEN cDNA 2900026A02 gene	2900026A02Rik	25.4336	27.7725	4	43.215	7.9186	77	0.407209	1
H7BX44;D3YYN8;E5	Non-specific serine/threonine prot	Cdc42bpa	23.2391	22.4326	13	185.78	14.785	18	0.372869	1
A0A1D5RLV7;G3UYWD	repeat and FYVE domain-conta	Wdfy3	23.8161	23.7946	18	392.82	25.92	39	0.962343	1
A0A1D5RM85;P627	60S ribosomal protein L18a	Rpl18a	25.5685	23.6569	10	24.638	22.538	105	0.353477	1
A0A1D5RMC8;Q3U	Acyl-CoA synthetase family memb	Acscf3	22.4191	23.1586	8	59.932	16.869	21	0.381137	1
B7ZW11;B2RXR3;A1	CCR4-NOT transcription complex s	Cnot1	23.4783	23.1637	12	260.95	15.526	25	0.364987	1
D3Z4T6;A0A4W9;C	Neuronal growth regulator 1	Negr1	25.2439	25.0624	10	36.208	176.32	99	0.778743	1
A0JLV3;B2RVD5;B2	Histone H2B;Histone H2B type 1-P; Hist1h2bj;Hist1		30.868	28.2979	8	13.579	150.21	720	0.404389	1
A0JNY3;Q8BUV3	Gephyrin;Molybdopterin adenylylt	Gphn	26.7174	26.966	30	83.665	323.31	237	0.688437	1
A0JP53;D3YXJ0	Diacylglycerol kinase	Dgkh	22.5727	23.2884	13	119.87	40.614	21	0.622715	1
D6RJ72;D6RDC7;Q8	WD repeat-containing protein 61;V	Wdr61	21.6297	21.2938	2	11.492	3.2565	9	0.64206	1
A0PJL3;Q6PDS3	Sterile alpha and TIR motif-contain	Sarm1	21.8256	21.5828	9	77.295	6.2865	9	0.565781	1
Q497V8;B8JJ66;A0PJN6;B8JJ69;Q3TA61;Q3UM69;Q6P	2310061I04Rik		21.8661	21.2785	6	20.471	10.158	34	0.589255	1
A2A8Y5;A0ZV96;Q8	Protein OSCP1	Oscp1	22.8641	22.87	11	43.231	25.185	72	0.989184	1
A1A4T2;Q8BHN3;Q	Neutral alpha-glucosidase AB	Ganab	26.751	27.062	34	109.4	204.12	210	0.329609	1
A1BN54	Alpha actinin 1a	Actn1	30.2761	30.2501	65	102.72	323.31	2362	0.896208	1
A1ILG8;Q8BX70	Vacuolar protein sorting-associate	Vps13c	25.8017	25.5736	49	420.08	81.447	128	0.788902	1
A1L0U6;A2AS98;P2	Nck-associated protein 1	Nckap1	29.028	28.9741	55	129.38	323.31	1062	0.686823	1
A1L151;Q99JG2	Prosaposin receptor GPR37L1	Gpr37l1	25.8397	25.7084	7	38.32	22.695	42	0.856758	1
Z4YJW0;A1L2Z3;Q8	ER membrane protein complex sub	Emc1	23.4437	23.5948	10	111.56	13.462	35	0.391368	1
A1L3B8;P26516	26S proteasome non-ATPase regul	Psmd7	25.2599	25.3343	13	36.539	148.52	171	0.811239	1
B0QZV3;Q80U52;A	Sodium/hydrogen exchanger	Slc9a6	23.0101	22.7539	5	74.227	14.054	34	0.761176	1
E9PXY1;A2A432;J3	Cullin-4B	Cul4b	22.9996	22.7534	12	102.41	13.403	30	0.298566	1
Q3UZ68;Q2M4I9;A	Phosphoinositide phospholipase C; Plcg1		23.837	24.0769	12	135.96	27.528	36	0.57313	1
A2A4J8;Q9CQ80;A8	Vacuolar protein-sorting-associate	Vps25	22.7298	21.2816	5	21.594	7.1294	18	0.422129	1
A2A4P3;A2A4P4;Q1	Alanyl-tRNA editing protein Aarsd1	Gm27029;Aarsc	21.2837	21.6155	6	58.167	7.0186	13	0.27724	1
A2A547;Q5I0T8;P8	Ribosomal protein L19;60S ribosom	Rpl19	22.2405	24.0038	6	23.247	29.373	26	0.325533	1
A2A5N2;Q9CQV8;A	14-3-3 protein beta/alpha;14-3-3 p	Ywhab	26.6163	28.9918	21	28.086	323.31	498	0.384563	1
A2A5R2;Q3U5C3;Q	Brefeldin A-inhibited guanine nucle	Arfgef2	25.6684	25.9516	36	202.24	60.972	143	0.435166	1
A2A690	Protein TANC2	Tanc2	23.6454	23.5337	15	220.26	22.263	29	0.840649	1
A2A699	Protein FAM171A2	Fam171a2	21.1594	20.9054	5	87.486	5.2072	6	0.856111	1
A2A6U3;Q80UG5;C	Septin-9	Sept9	26.0047	25.9929	21	63.772	103.3	184	0.942367	1
Q5DU51;Q3UM91;C	Chloride channel protein;Chloride t	mKIAA0046;Clc	23.7498	23.8101	11	77.139	15.205	33	0.842632	1

A2A7S7;Q91WQ3 Tyrosine--tRNA ligase;Tyrosine--tRl Yars	26.461	26.2248	35	63.001	190.2	236	0.173843	1
A2A8E2;Q8BHG2;B UPF0587 protein C1orf123 homolo 0610037L13Rik	22.9418	21.5708	3	15.783	6.511	18	0.284468	1
A6PWC3;Q8R320;A Nardilysin Nrd1	23.8767	23.3514	10	127.77	11.63	19	0.01638	1
A2A9S2;A2A9R8;Q ELAV-like protein;ELAV-like protein Elavl4	23.7657	24.0002	12	40.375	37.919	95	0.139798	1
H7BX05;A2AAJ9;F6 Obscurin Obscn	23.4902	23.2561	5	874.53	2.5079	27	0.9355	1
A2ABY3;Q540F5;Q Ethanolamine-phosphate cytidylt Pcyt2	23.2285	23.1758	12	43.446	121.07	65	0.954725	1
F8WHN4;A2ACC6;E Ral GTPase-activating protein subu Ralgapb	23.5692	23.937	15	166.17	37.848	44	0.422215	1
Q61833;A2ACG7;Q Dolichyl-diphosphooligosaccharide Rpn2	25.257	25.8966	17	66.301	207.08	87	0.180568	1
A2ACL9;Q62443;Q Neuronal pentraxin-1 Nptx1	24.8046	25.099	18	47.117	214.19	121	0.467469	1
A4FUW1;A2ACM0; Regulatory-associated protein of m Rptor	22.9906	22.6872	13	149.24	41.572	26	0.804433	1
A2AD03;Q9QXG2;C Rab proteins geranylgeranyltransfe Chm	22.1688	23.1137	8	73.663	12.424	25	0.253464	1
A2AE27;Q9DBT5 AMP deaminase 2 Ampd2	22.4426	23.1297	15	94.695	30.959	28	0.732701	1
A2AEC2;Q9DB24;Q Transcription elongation factor A p Tceal3;Tceal6	22.0906	22.9841	6	19.925	6.4137	3	0.298687	1
A2AEG6;P35803;A Neuronal membrane glycoprotein l Gpm6b	27.9461	28.1636	11	36.196	197.07	305	0.59704	1
A2AEK1;B3V099;B3 Cleavage stimulation factor subuni Cstf2	21.3177	21.7026	3	58.571	13.676	9	0.576924	1
A2AEW8;A2AEW9; GRIP1-associated protein 1 Gripap1	24.7574	24.6663	21	95.912	55.983	97	0.650958	1
A2AFG8;Q6PGJ3;A2AFG7;Q9QYQ7 L1cam;L1	28.1962	28.0908	33	140.43	323.31	497	0.299061	1
A2AFI8;B9EI38;B1A RalBP1-associated Eps domain-con Reps2	22.0185	21.7334	5	70.483	13.095	13	0.799222	1
Q3UX53;A2AFJ1;Q Histone-binding protein RBBP7 Rbbp7	21.859	22.37	8	43.611	14.989	20	0.264141	1
Q4JG03;A2AFQ0;Q E3 ubiquitin-protein ligase HUWE1 Huwe1	26.6196	26.6043	68	482.74	304.86	194	0.855187	1
Q3TS73;A2AG51;A MAP7 domain-containing protein 2 Map7d2	21.7337	21.1398	3	41.104	34.379	11	0.588753	1
A2AGI2;Q69ZI4;Q8 Neuroligin-3 Nlgn3;mKIAA14	25.767	25.9482	16	93.486	98.838	143	0.811775	1
A2AGR0;A2AGQ4;C MAP kinase-activating death doma Madd	26.4921	26.5381	36	175.1	186.97	187	0.750718	1
A2AGS6;Q4QQM4 Tumor protein p53-inducible prote Trp53i11	22.7089	22.2907	5	9.5972	9.5892	8	0.725679	1
Q543F1;Q3U5Q3;C 116 kDa U5 small nuclear ribonucle Eftud2	23.9024	24.2385	16	109.36	26.786	39	0.660286	1
A2AHG0 Leucine zipper putative tumor sup Lzts3	21.4447	20.9077	3	74.985	5.439	5	0.157482	1
A2AHJ7;A2AHK0;Q Diacylglycerol kinase;Diacylglycero Dgkz	24.725	24.8543	12	105.9	67.19	67	0.865256	1
A2AI17;A2AI14;A2 Glutamate receptor ionotropic, NM Grin1	26.5143	26.5641	25	103.59	103.25	145	0.757802	1
A2AI78;Q80YA9;Q3 Connector enhancer of kinase sup Cnksr2	23.2925	23.015	14	101.68	52.251	51	0.58923	1
A2AIS0;A2AIR9;A2 Voltage-dependent N-type calcium Cacna1b	21.879	22.1464	5	257.07	8.1623	6	0.530892	1
A2AJA9 Uncharacterized protein C9orf172 Gm996	22.795	23.5446	8	107.18	24.371	22	0.351278	1
F7APP3;A2AJH3;Q3 Glycylpeptide N-tetradecanoyltran Nmt2	22.409	22.5133	11	56.537	24.239	31	0.909713	1
A2AJI1;A8Y5P4;A2 MAP7 domain-containing protein 1 Map7d1	23.3506	23.3549	9	85.763	20.733	16	0.985948	1

Q05BF9;A8Y5Q1;A: [Pyruvate dehydrogenase [acetyl-t: Pdp1	22.8251	22.8154	12	61.181	26.843	58	0.974553	1
Q3UVD6;A2AKD7;C Alpha-1-syntrophin Snta1	23.2313	23.1333	8	53.312	27.461	40	0.324363	1
A2AKH7;Q8JZX5;Q: Leucine-rich repeat-containing pro: Lrrc57	23.3188	23.9327	9	24.132	18.026	82	0.675193	1
A2AKV9;A2AKW0;C Solute carrier family 25 member 51 Slc25a51	23.4048	23.4518	4	23.189	30.905	31	0.943786	1
Q6P6I7;A2AL12;Q5 Heterogeneous nuclear ribonucleo Hnrnpa3	28.2162	28.4154	24	34.376	323.31	484	0.156146	1
A2ALF0;A2ALF2;Q6 DnaJ homolog subfamily C membe Dnajc8	21.5027	22.7529	5	25.835	9.9343	12	0.23842	1
A2ALS4;A2ALS5 Rap1 GTPase-activating protein 1 Rap1gap	24.7553	24.7834	18	81.251	66.33	101	0.909484	1
A2AM95;O08579;I: Emerin Emd	22.0804	22.4002	10	29.435	41.38	34	0.654546	1
I7HLV2;Q3THJ6;A2: 60S ribosomal protein L10;60S ribo Rpl10;Rpl10I	24.1024	24.2896	10	23.072	27.038	107	0.908165	1
A2AMH3;A2AMH5; Choline transporter-like protein 1 Slc44a1	22.8216	22.401	5	59.117	14.773	27	0.667511	1
A2AN08 E3 ubiquitin-protein ligase UBR4 Ubr4	25.8355	25.6187	59	572.28	206.42	146	0.5909	1
Q684Q6;B7ZCL8;A: 55 kDa erythrocyte membrane pro Mpp1	21.7501	21.5759	7	47.7	13.415	24	0.725766	1
Q80YU9;A2AN96;O Putative hydrolase RBBP9 Rbbp9	24.7988	23.663	9	20.912	30.768	96	0.541993	1
H3BIW6;F7C3A0;A: Phosphoinositide phospholipase C; Plch2	23.3199	23.1719	6	125.78	7.5354	18	0.746403	1
A2AP31;Q3UIU2;A: NADH dehydrogenase [ubiquinone Ndubf6	26.0752	24.662	6	15.515	45.953	163	0.373754	1
E9Q202;A2API5;Q9 Low-density lipoprotein receptor-r: Lrp1b	21.9883	21.4656	5	376.33	6.2819	6	0.443903	1
A2APX8 Sodium channel protein Scn1a	22.4764	22.398	15	228.8	5.589	11	0.92409	1
E9QAU4;A2AQ25;C Sickie tail protein Etl4;Skt	24.3106	24.7328	20	218.44	35.137	58	0.342514	1
Q8C4G3;Q8C288;Q Phospholipid-transporting ATPase; Atp9a	24.2207	24.1494	12	116.42	19.778	48	0.784162	1
A2AQK4;Q91VF2 Histamine N-methyltransferase Hnmt	22.196	22.6553	6	33.664	8.5059	17	0.451953	1
A2AQL0;Q9Z1W9;C STE20/SPS1-related proline-alanine Stk39	24.4128	24.3574	11	60.319	57.495	67	0.821445	1
B9EHS3;A2ARP1 Inositol hexakisphosphate and dipt Ppip5k1	22.9472	21.9058	3	165.42	6.5893	11	0.379949	1
A2ARP8;Q9QYR6 Microtubule-associated protein 1A Map1a	31.2334	31.0957	130	325.88	323.31	2876	0.687126	1
A2ARZ7;Q0PD34;P: Ras-related protein Rab-22A Rab22a	21.9782	20.7639	4	20.895	7.9946	4	0.214873	1
A2AS45;Q68FH0;A: Plakophilin-4 Pkp4	22.1423	22.7895	8	128.53	33.136	13	0.407742	1
E9Q8N1;E9Q8K5;A: Titin Ttn	24.6494	23.5715	5	3716	2.9544	15	0.11451	1
A2ASW4;Q571A8;C Rap guanine nucleotide exchange f Rapgef4	24.766	24.981	12	115.49	25.062	50	0.507595	1
Q3TYI5;A2ATZ8;Q8 Voltage-dependent L-type calcium Cacnb4	23.8612	23.743	14	57.662	35.38	56	0.370183	1
A2VCP7;A2AU35;Q Proteasome inhibitor PI31 subunit Psmf1	20.5244	21.4312	2	26.073	6.9266	6	0.186907	1
Q3U3F6;A2AU62;Q RNA-binding protein Raly Raly	22.0499	22.264	7	31.198	13.191	21	0.842204	1
A2AU89;A2AU91;P Tumor suppressor p53-binding pro Trp53bp1;Tp53	21.8864	21.8291	8	207.65	7.9894	16	0.964144	1
B6ZHC9;A2AUK5;A: Band 4.1-like protein 1 Epb4.1l1;Epb41	28.6756	28.6285	37	98.284	309.93	563	0.861445	1
A2AVJ7;Q99PL5;Q6 Ribosome-binding protein 1 Rrbp1	21.782	21.7552	4	158.39	5.4436	7	0.976372	1

B2RRC5;A2AWA9	Rab GTPase-activating protein 1	Rabgap1	24.5153	24.3282	15	120.8	24.505	36	0.545644	1
A2AWF8;A2AWF9;I	Protein-tyrosine-phosphatase;Recep	Ptprj	23.367	22.2038	6	128.71	12.317	27	0.275392	1
A2AWI7;Q8R3V5;B	Endophilin-B2	Sh3glb2	26.7714	26.7547	21	44.907	323.31	395	0.950139	1
A2BE93;Q5U445;Q	Protein SET	Set;BC085271	25.3636	25.6662	6	24.923	173.13	47	0.764069	1
A2BFF9;D6Q0F7;Q	Cytoplasmic dynein 1 intermediate	Dync1i2	23.8981	24.08	17	71.424	55.131	53	0.821228	1
A2BGI8;Q4G0C5;Q	Peptidyl-prolyl cis-trans isomerase; Ppih		22.8993	21.9571	4	17.233	6.6917	10	0.401888	1
Q05CD2;A2BI12;Q	PC4 and SFRS1-interacting protein	Psip1	24.1516	23.8785	10	29.372	41.237	112	0.163786	1
D3YZ21;A2BI30;F6ZGR6;Q8BXF0		D430041D05Rik	23.0776	23.1296	12	153.38	85.616	38	0.71118	1
A2CG20;O35449;Q	Proline-rich transmembrane protei	Prrt1	21.4781	22.3991	2	31.389	5.6185	19	0.372887	1
F6QYT9;A2CG49;A	Kalirin	Kalrn	25.3952	25.4858	35	270.65	64.734	70	0.690127	1
A2RRJ4;Q924C1	Exportin-5	Xpo5	22.3771	21.4949	6	136.93	8.768	14	0.363927	1
A2RRK3;O54988	STE20-like serine/threonine-protei	Slk	24.6279	23.5834	17	137.71	45.309	51	0.507084	1
A2RS22;Q9WUM3	Coronin;Coronin-1B	Coro1b	26.319	26.3246	17	53.912	127.06	155	0.982829	1
A2RS23;Q11136	Xaa-Pro dipeptidase	Pepd	21.1241	22.3487	12	55.028	32.68	22	0.253566	1
A2RS58;P47941	Crk-like protein	Crkl	23.5486	23.7217	11	33.83	35.348	45	0.582504	1
Q9CR32;A2RS68;Q	U1 small nuclear ribonucleoprotei	Snrnp70	23.5886	23.4265	9	29.421	21.752	24	0.625924	1
A2RSB1;B7ZNL2;Q	Nucleosome assembly protein 1-lik	Nap1l4	24.5735	24.3985	12	42.679	46.831	103	0.587267	1
B1PSD9;B2KF57;B2	cAMP-specific 3,5-cyclic phosphodi	Pde4d	22.9686	22.994	14	79.113	41.933	35	0.960257	1
A2RSJ4;Q8C318	UHRF1-binding protein 1-like	Uhrf1bp1l	22.0064	21.7463	5	161.94	3.99	5	0.749204	1
A2RSV8;P19783	Cytochrome c oxidase subunit 4 isc	Cox4i1	29.1064	29.1945	13	19.53	166.2	879	0.820237	1
A2RSW6;Q8CFA2	Aminomethyltransferase;Aminome	Amt	20.2114	20.369	3	44.008	3.1522	9	0.870687	1
A2RT14;Q64288;Q	Olfactory marker protein	Omp	26.4264	23.298	8	18.866	66.812	96	0.366118	1
B2RPY3;A2RT62	F-box/LRR-repeat protein 16	Fbxl16	24.8398	24.6196	18	51.878	125.08	177	0.114721	1
A2RTH5;A0A0U1R	Leucine carboxyl methyltransferase	Lcmt1	23.7325	23.5962	10	38.192	43.669	53	0.48386	1
A2RTT4;P61089	Ubiquitin-conjugating enzyme E2 N	Ube2n	27.2113	24.717	12	17.138	111.11	214	0.421869	1
Q91YZ8;D3Z5M2;A	Polyadenylate-binding protein	Pabpc4;Gm101	22.1539	21.9197	11	67.852	7.2711	6	0.639971	1
B9EKJ1;A3KGU7;A3	Spna2 protein	Sptan1	33.5385	33.4678	215	285.18	323.31	8235	0.705442	1
A3KMD2;Q8BIV3	Ran-binding protein 6	Ranbp6	21.3863	21.5749	4	124.59	3.5434	4	0.776404	1
A3KMF1;A3KMF0;I	Glutamate receptor ionotropic, kai	Grik2	22.0607	22.5877	3	98.541	11.117	7	0.426718	1
A3KMJ8;P61759;Q	Prefoldin subunit 3	Vbp1	21.4396	21.7368	4	21.963	15.633	24	0.761394	1
A3KML3;F6YY69;F6	14-3-3 protein theta	Ywhaq	25.8186	28.2948	19	27.778	323.31	549	0.465018	1
E9Q9C5;Q8C1D9;A	V-type proton ATPase 16 kDa prote	Atp6v0c;Gm154	28.5872	28.9134	2	15.265	293.71	276	0.581186	1
A3KN68;P80560	Protein-tyrosine-phosphatase;Recep	Ptprn2	21.8809	21.4421	5	111.55	6.8855	23	0.443799	1

A3KN70;Q9JLM8;A Serine/threonine-protein kinase D	Dclk1	26.6724	26.5349	29	82.191	243.38	342	0.339033	1
A4FU75;Q6WQJ1 Sn1-specific diacylglycerol lipase a	Dagla	24.0257	24.1394	11	115.24	23.403	31	0.639558	1
A4FUR1;E9Q8P8;Q Protein FAM131B	Fam131b	22.1096	21.927	5	35.533	18.974	23	0.818079	1
A4FUS1;P14131;Q 40S ribosomal protein S16	Rps16	26.4944	25.272	12	16.445	31.528	254	0.532715	1
S4R1C6;A4PI81;Q8 Calcium-dependent secretion activ	Cadps2	21.9319	23.1065	17	145.88	12.986	23	0.299376	1
A5GZX3;Q9CPU0 Lactoylglutathione lyase	Glo1	25.262	26.6398	12	20.809	79.047	222	0.604639	1
A6H5Z3;Q6PCN5;Q Exocyst complex component 6B	Exoc6b	22.2604	21.8791	11	94.128	33.256	24	0.767487	1
A6H630 Protein-glutamate O-methyltransferase	Armt1	21.561	22.6663	9	50.548	14.264	16	0.289847	1
A7VJ98;Q9CQI3;Q8 Glia maturation factor beta	Gmfb	26.4535	24.6067	7	16.722	124.82	194	0.360471	1
A7VMV2;Q99KP3 Lambda-crystallin homolog	Cryl1	23.4077	23.3124	14	35.208	46.931	74	0.785969	1
Q80ZP8;A8C1V1;Q Mesencephalic astrocyte-derived n	Manf	22.7178	22.1178	3	19.012	5.1936	10	0.647005	1
A8DUK4;A8DUK7;A Hemoglobin subunit beta-1	Hbbt1;Hbb-b1;H	32.1769	30.723	15	15.748	323.31	1797	0.574883	1
A8IP69;P61982 14-3-3 protein gamma;14-3-3 prot	Ywhag	28.4907	30.9194	24	28.302	323.31	938	0.37787	1
B1AU9;Q8BJV4;B1 N-alpha-acetyltransferase 11;N-alp	Naa10;Ard1;Na	21.2278	21.2985	3	19.57	3.1228	5	0.942828	1
A9CLV6;Q9QZI8;E9 Serine incorporator 1	Serinc1	22.5383	22.7391	2	50.508	4.9922	15	0.788256	1
A9DA50;Q9D1T0 Leucine-rich repeat and immunogl	Lingo1	24.598	24.7254	12	69.831	27.751	67	0.606723	1
B0FTY3;Q8R1N4;A NudC domain-containing protein 3	Nudcd3	22.8595	23.1186	12	40.89	21.503	35	0.358399	1
B0LAE4;Q3TQE3;Q ADP-ribosylation factor-like protei	Arl6ip1	24.8073	24.6416	3	15.907	17.175	29	0.822255	1
Q8CHR4;Q35619;B Vesicle-associated membrane prot	Vamp2	29.7989	28.1972	8	12.691	323.31	861	0.413278	1
B0R091;P61022 Calcineurin B homologous protein	Chp1	22.5727	21.2715	4	21.997	9.8968	27	0.291432	1
B0V2N1;Q3UNN3 Receptor-type tyrosine-protein ph	Ptprs	25.0956	25.2149	26	211.9	86.304	156	0.465683	1
B1AQF4;Q9D7X3;Q Dual specificity protein phosphatas	Dusp3	26.2691	24.4117	7	23.223	60.645	196	0.382983	1
B1AQX9 SRC kinase-signaling inhibitor 1	Srcin1	28.2597	28.2678	59	130.61	323.31	649	0.976898	1
B1AQZ0;B1AQY9;Q Septin-8	Sept8	27.6748	27.5984	25	55.874	323.31	389	0.541913	1
Q3TET1;Q3UI47;B1 Kinesin-like protein;Kinesin-like pr	Kif3a	23.2675	23.1521	10	79.444	20.715	28	0.718729	1
Q3TAC0;Q0VF62;B Breast carcinoma-amplified sequer	Bcas3	21.9272	22.1694	6	87.73	7.4106	12	0.732115	1
B1ARU4;E9PVY8;E Microtubule-actin cross-linking fac	Macf1	28.1074	28.1261	153	831.64	323.31	617	0.933554	1
B1AS06;Q3TY61;Q Disks large-associated protein 3	Dlgap3	24.1718	24.0728	14	104.67	47.903	40	0.781	1
B1AS29 Glutamate receptor ionotropic, kainate	Grik3	22.167	22.3238	6	104.05	23.118	15	0.875381	1
B1ASU0;P59823 Interleukin-1 receptor accessory pr	Il1rapl1	21.865	21.9843	5	79.78	9.0426	11	0.812746	1
Q8BK29;B1AT82;Q Phosphoribosyl pyrophosphate syn	Prpsap1	21.8611	22.4483	7	39.44	16.592	27	0.327264	1
B1ATI9;Q3U432;Q Growth arrest-specific protein 7	Gas7	25.6919	25.6136	21	47.261	106.2	167	0.886297	1
B1ATR2;Q6ZPJ0;Q Testis-expressed sequence 2 prote	Tex2	20.5977	21.4418	2	92.798	2.8299	9	0.19357	1

B1ATZ0;B1ATZ1;Q3 Hepatocyte growth factor-regulate Hgs	25.1617	25.1516	19	85.778	44.608	108	0.971468	1
B1AU25;Q9Z0X1 Apoptosis-inducing factor 1, mitocl Aifm1	24.9023	24.8027	21	66.113	79.177	94	0.727875	1
Q8CAB3;B1AVY2;P1 Gamma-aminobutyric acid recepto Gabra3	23.1429	23.0457	6	55.415	8.5796	13	0.783668	1
B1AW58;Q8BW96; Calcium/calmodulin-dependent prc Camk1d	24.9202	24.7821	14	42.918	38.883	97	0.511946	1
B1AWC8;Q8VBU5;B1AWC9;Q9QXI7;G3UZ46;Q80VK8;(Pde4b	21.8287	22.1	8	75.011	33.277	22	0.853562	1
B1AWD8;B1AWD9; Clathrin light chain A Clta	26.4014	26.6769	9	25.661	98.573	148	0.207309	1
Q8C943;B1AWV9;E Anion exchange protein;Sodium-dr Slc4a10	28.116	28.3714	40	122.76	323.31	611	0.373578	1
B1AX58;A0A1C7CY Plastin-3 Pls3	26.5241	26.6329	34	71.745	186.51	270	0.398061	1
B1AX78;Q2TPA8;Q1 Hydroxysteroid dehydrogenase-like Hsd12	21.2103	21.3625	3	41.866	3.5339	9	0.825527	1
B1AX98;Q505F5;E9 Leucine-rich repeat-containing pro: Lrrc47	24.202	24.0235	15	63.589	67.503	69	0.444616	1
B1AXV0;Q8BVG0 DOMON domain-containing protein Frrs1l	21.849	22.9672	8	32.506	14.31	38	0.204443	1
E9PV45;B1AY13 Ubiquitin carboxyl-terminal hydrok: Usp24	23.4213	23.6095	11	294.13	20.47	23	0.851987	1
B1AZ39;P0C0A3;B1 Charged multivesicular body protei Chmp6	22.1325	22.1193	5	23.415	16.268	23	0.987687	1
B1AZ46;Q3UKP6;Q Brain-specific angiogenesis inhibito Baiap2	26.8201	26.6776	27	57.681	210.01	569	0.655594	1
B1B0C7;E9PZ16;Q3 Basement membrane-specific hep: Hspg2	25.9619	26.2588	50	469.02	232.41	160	0.603795	1
B1GX80;B1GX81;Q1 Non-specific serine/threonine prot Pak3	24.7728	24.5029	17	63.001	32.348	42	0.239725	1
B2BH30;Q3UVX5;E1 Metabotropic glutamate receptor 1 Grm5	25.7772	25.8338	19	131.86	53.052	103	0.904553	1
B2CY77;P14206 40S ribosomal protein SA Rpsa	26.506	26.5014	14	32.85	323.31	261	0.966794	1
B2KGP3;Q80TLO Protein phosphatase 1E Ppm1e	26.171	26.14	18	83.418	99.171	198	0.905806	1
Q3TDM8;E9Q855;C Secretory carrier-associated memb Scamp3;Tu52	24.567	24.8395	5	34.576	38.992	38	0.474081	1
Q3UWP8;B2MWM1 Calreticulin Calr	28.2964	28.4272	22	42.195	323.31	652	0.801306	1
B2RPS1;Q0PD56;P1 Ras-related protein Rab-5B Rab5b	23.1329	24.7432	9	23.707	64.211	116	0.358412	1
B2RQ71;E9PWR4;Q69ZV2;B7ZMZ7;Q6PGL8;Q6NY04;C Dip2c	24.643	24.4904	22	170.92	26.917	48	0.698326	1
B9EKN8;B2RQ80;E1 Traf2 and NCK-interacting protein 1 Tnik	24.3784	24.0632	19	154.01	14.447	22	0.420686	1
Q8C000;B2RQA0;Q3UBB6;Q8CE21;Q3U6W2;Q3UI16 Gm5124;Nolc1	20.9432	22.2299	2	49.282	4.048	14	0.380828	1
E9QAI5;B2RQC6;G1 CAD protein;Glutamine-dependent Cad	22.2397	22.2392	9	236.25	11.069	11	0.999538	1
B2RQD1;Q99MX7 Cat eye syndrome critical region pr Cecr6	21.4573	21.6746	5	58.158	16.662	16	0.879076	1
B2RQQ5;P14873 Microtubule-associated protein 1B Map1b	30.1563	29.9673	92	270.3	323.31	1859	0.52223	1
B2RQQ7;Q7TT50 Non-specific serine/threonine prot Cdc42bbp	25.2549	25.7868	35	194.73	149.37	104	0.419016	1
B2RQQ8;P08122 Collagen alpha-2(IV) chain;Canstati Col4a2	22.758	22.5475	5	167.32	38.365	14	0.898961	1
D3Z7V4;Q3TDT4;B1 Small G protein signaling modulato Sgsm1	23.6645	23.1571	8	76.391	26.072	18	0.132313	1
B2RQS1;Q9ERG2 Striatin-3 Strn3	24.4253	24.1033	11	77.731	33.369	28	0.315586	1
Q80TG5;E9QNG1;B Intersectin-2 mKIAA1256;Itsr	22.8174	22.2902	7	175.54	7.5057	9	0.367614	1

B2RRE0;Q9WTQ5	A-kinase anchor protein 12	Akap12	22.686	22.0919	10	180.69	12.409	14	0.634631	1
K3W4L0;B2RRE2;E	Unconventional myosin-XVIIIa	Myo18a	27.123	27.2845	59	230.99	263.89	345	0.456232	1
B2RRH9;Q3THK7	GMP synthase [glutamine-hydrolyz	Gmps	25.8582	25.8113	26	76.723	103.97	172	0.915853	1
B2RRU7;Q9ESM3	Hyaluronan and proteoglycan link	Hapln2	20.7226	20.7559	3	37.925	2.1174	6	0.976375	1
Q3UAF7;Q3U5R4;B	Actin, cytoplasmic 1;Actin, cytoplas	Actb	33.8278	33.7229	31	41.75	323.31	7296	0.672127	1
B2RRX2;P63328	Serine/threonine-protein phosphat	Ppp3ca	30.0079	30.0058	26	58.643	323.31	1385	0.941394	1
B2RRY8;Q8BGZ1;F	Hippocalcin-like protein 4	Hpcal4	26.8189	25.0989	15	22.215	50.764	189	0.426779	1
B2RS27;P27671	Ras-specific guanine nucleotide-rel	Rasgrf1	22.5625	22.8041	5	144.1	10.061	20	0.876141	1
B2RS41;Q8BWF0	Succinate-semialdehyde dehydroge	Aldh5a1	28.0297	28.0662	25	55.968	323.31	573	0.917926	1
B2RSC8;P46935	E3 ubiquitin-protein ligase NEDD4	Nedd4	24.1366	23.3825	18	102.71	49.906	65	0.312755	1
B2RSH2	Guanine nucleotide-binding protein	Gnai1	28.9541	28.9316	23	40.361	323.31	1136	0.86069	1
B2RSR7;Q3ULJ0	Glycerol-3-phosphate dehydrogen	Gpd1l	25.9921	25.7386	20	38.225	103.46	147	0.784142	1
B2RSV4;Q921M3	Splicing factor 3B subunit 3	Sf3b3	25.3705	25.395	20	135.55	79.447	58	0.931918	1
B2RSY3;Q640R3	Hepatocyte cell adhesion molecule	Hepacam	25.7358	25.6875	10	46.366	79.207	162	0.871648	1
B2RT97;Q9WVJ2;E	26S proteasome non-ATPase regul	Psmd13	25.7475	25.6149	21	42.809	78.906	153	0.383817	1
B2RTG7;E0CYH4;Q	WD repeat-containing protein 26	Wdr26	21.8531	21.5503	6	58.563	9.1291	17	0.545453	1
Q3UEU2;B2RTJ8;O	Nocturnin	Ccrn4l	20.7018	20.831	3	48.27	2.3773	5	0.620402	1
B2RTM0;P62806;Q	Histone H4	Hist2h4;Hist1h4	30.9826	29.3189	12	11.367	279.92	973	0.470651	1
B2RTN5;Q91YM2;C	Rho GTPase-activating protein 35	Arhgap35	24.8768	24.5607	17	170.39	34.022	39	0.275995	1
B2RUC7;Q9Z1Z2	Serine-threonine kinase receptor-a	Strap	25.3433	25.2796	18	38.442	115.63	151	0.779661	1
Q3TWM9;Q3UAS4;	Prosaposin	Psap	23.9481	24.4715	10	58.298	19.737	53	0.502606	1
B2RUE0;Q9Z0V1;Q	Potassium voltage-gated channel s	Kcnd3	21.5895	22.1465	5	73.461	4.0651	8	0.524295	1
B2RUG6;P59764;Q	Dedicator of cytokinesis protein 4	Dock4	23.2128	22.6743	11	222.19	14.282	15	0.661332	1
Q3UH26;B2RUJ5	Amyloid beta A4 precursor protein	Apba1	23.1129	22.1855	5	93.064	32.337	19	0.47902	1
B2RUK5;Q3ULD5;Q	Methylcrotonoyl-CoA carboxylase	Mccc2	24.5324	24.4556	17	61.378	44.352	75	0.841265	1
B2RVP5;Q3THW5;F	Histone H2A;Histone H2A.V;Histon	H2afv;H2afz	24.7609	22.9459	4	13.509	5.1765	48	0.417311	1
B2RWB7;Q8BZA9	Fructose-2,6-bisphosphatase	TIGAF1	20.7675	21.0951	3	29.19	4.2229	9	0.444251	1
B2RWC4	Gm88 protein	Lrrc73	22.5193	23.0537	5	33.455	33.83	28	0.439268	1
F8WIX8;Q149V4;B	Histone H2A;Histone H2A type 2-C;	Hist1h2al;Hist2l	30.8852	29.718	6	13.607	63.782	508	0.553866	1
Q80UJ8;B2RWI2;Q	Serine beta-lactamase-like protein	Lactb	23.9462	23.5286	13	60.634	47.555	68	0.284632	1
B2RWT9;Q8CJH3	Plexin-B1	Plxnb1	22.3076	22.811	8	231.44	21.342	21	0.660758	1
Q3UGY4;Q3UGX2;E	Spectrin beta chain, erythrocytic	Sptb	26.4364	26.4868	72	268.09	135.77	262	0.904574	1
E9Q5N7;B2RX09;Q	Neurexin-2	Nrxn2	24.1316	24.147	13	163.06	19.632	42	0.951378	1

B2RX66;Q5F2E8	Serine/threonine-protein kinase TA Taok1	23.141	23.1303	9	116.05	15.837	31	0.973494	1
B2RXC1	Trafficking protein particle comple: Trappc11	23.5885	23.4254	9	128.39	22.858	19	0.697045	1
B7ZW12;B2RXM7;Q	SAP domain-containing ribonucleoq 1110005A23Rik	20.8957	21.578	6	23.461	10.66	11	0.349173	1
I7HPV9;B9EKR4;B2	Phosphatidylinositol 3,4,5-trisphos Prex1	22.0711	21.8858	5	166.21	10.109	14	0.791252	1
B2RXQ8;Q8BFQ4	WD repeat-containing protein 82 Wdr82	20.9325	20.9919	7	35.079	8.5978	8	0.917814	1
B2RY05;B2RXR2;Q	Phosphoinositide 3-kinase regulatc Pik3r4	23.6127	23.022	11	133.91	24.195	31	0.436732	1
B2RXS4;Q8CHG6;Q	Plexin-B2 Plxnb2;mKIAA0	23.5033	23.6158	8	206.23	19.728	24	0.545674	1
B2RXT3;E9Q7L0	Oxoglutarate dehydrogenase-like Ogdhl	28.3126	28.42	45	114.56	323.31	659	0.62238	1
B2RXY7;P48758	Carbonyl reductase [NADPH] 1 Cbr1	24.4303	27.596	18	30.641	244.59	470	0.324021	1
B2RY56;S4R2B0;Q	RNA-binding protein 25 Rbm25	24.0439	23.9806	6	99.551	7.9022	22	0.853288	1
B2RY90;P85094	Isochorismatase domain-containin; Isoc2a	23.1985	23.1213	4	22.387	45.735	85	0.977756	1
B7FAU9;Q8BTM8;E	Filamin-A Flna	26.5111	26.7878	62	280.5	264.17	262	0.539795	1
B7U582;P17156	Heat shock-related 70 kDa protein Hspa2	25.9332	25.9798	34	69.723	159.68	205	0.90701	1
B7ZBW1;B7ZBV9;Q	Potassium voltage-gated channel s Kcnq2	22.8777	22.8511	6	93.938	11.43	18	0.96185	1
Q569Y6;B7ZBY7;E9	Ubiquitin-conjugating enzyme E2 v Ube2v1;Gm204	24.384	22.572	8	16.355	9.7419	12	0.244323	1
B7ZCU2;B7ZCU5;Q	Abl interactor 1 Abi1	26.1364	25.9086	17	43.174	76.968	121	0.262419	1
B7ZNA3;Q6GYP7	Ral GTPase-activating protein subu Ralgapa1	22.4986	22.821	10	234.38	19.398	22	0.835263	1
B7ZNF6;E9QKH8;O	Catenin delta-2 Ctnnd2	26.7025	26.5911	38	132.36	228.36	304	0.448315	1
B7ZNJ3	Caskin1 protein Caskin1	26.8118	26.6158	39	142.67	171.23	221	0.434659	1
Q545R3;Q3TSR4;B	Protein NDRG1 Ndr1	24.1532	24.048	9	43.008	51.004	41	0.828952	1
B9EKE9;B7ZWF1;Q	ATP-dependent RNA helicase DDX3 Ddx3x;D1Pas1	24.4	24.2921	25	73.013	53.487	46	0.457736	1
B8QI34;Q5DTM9;Q	Liprin-alpha-2 Ppfia2	22.2293	23.1858	13	143.33	16.074	26	0.40074	1
B8X349;Q58A65;A	C-Jun-amino-terminal kinase-interc Spag9	22.5338	23.7544	14	146.13	19.954	33	0.369516	1
B9EHJ3;P39447;A0	Tight junction protein ZO-1 Tjp1	24.2501	23.8429	14	188.85	32.107	34	0.538272	1
B9EHN0;Q02053	Ubiquitin-like modifier-activating e Uba1	30.5924	30.5001	53	117.81	323.31	2045	0.735982	1
B9EHZ5;Q3UN60;Q	MAGUK p55 subfamily member 6 Mpp6	25.3784	25.3685	23	60.924	72.828	134	0.966095	1
B9EIC7;Q8K0S0	Phytanoyl-CoA hydroxylase-interac Phyhip	27.221	27.3169	18	37.554	323.31	448	0.709135	1
B9EIE9;P46664	Adenylosuccinate synthetase isozy Adss	24.0763	23.9984	12	50.02	62.583	123	0.744081	1
B9EIU1;Q8CGC7	Bifunctional glutamate/proline--tRI Eprs	26.4864	26.5925	35	169.96	131.73	178	0.625668	1
Q8CHF0;B9EIU3;Q	Attractin Atrn	22.5943	22.5272	3	118.29	5.9558	9	0.873154	1
Q3UH37;B9EIV5;F7	Neuronal pentraxin receptor Nptxr	23.9032	23.8249	11	51.22	43.317	78	0.880238	1
B9EIX2;Q80U49	Centrosomal protein of 170 kDa pr Cep170b	23.5209	23.9073	15	166.86	19.521	24	0.352009	1
B9EJ15;Q8C5W0;Q	Calmin Clmn	21.5385	21.2787	4	117.19	4.2233	5	0.652139	1

B9EJ23;B7ZP42;A0A067XG53	Cask	26.0956	26.1169	25	100.19	70.626	138	0.926845	1
B9EJ29;Q80UG2	Plexin-A4 Plxna4	25.3323	25.4642	37	212.23	71.407	93	0.605515	1
Q3UMB1;B9EJ80	PDZ domain-containing protein 8 Pdzd8	21.3308	20.862	2	127.77	2.6975	5	0.110992	1
B9EJ96;E9QAAQ3;Q6RHO	Rho GTPase-activating protein 26 Arhgap26	22.8027	23.0274	10	82.238	19.383	29	0.346052	1
R7RU63;R7RVD4;B1CCTNBP2	Cortactin-binding protein 2 Cttbnp2	24.5049	24.1839	21	67.548	53.63	60	0.161496	1
G3UYU6;G3UX60;G3UYU6	Protein-tyrosine-phosphatase;Receptor tyrosine phosphatase Ptprd	24.0344	23.9	26	168.34	38.478	51	0.760667	1
B9EKC3;E9PYT0;P9RHO	Rho GTPase-activating protein 5 Arhgap5	23.7275	23.3244	10	172.44	15.946	17	0.30899	1
B9EKJ7;P58871;Z4Y182	kDa tankyrase-1-binding protein Tnks1bp1	24.6119	24.4845	13	181.82	39.075	56	0.674035	1
B9EKR1;Q9WUT8;A0A067XG53	Receptor-type tyrosine-protein phosphatase Ptprz1	28.0835	27.9555	23	254.4	142.94	399	0.749249	1
C1IE02;Q8VCD6	Receptor expression-enhancing protein Reep2	24.8954	24.8265	7	28.251	59.498	41	0.864319	1
Q6P9M2;Q7TNB5;C6GRIA1	Glutamate receptor 1 Gria1	25.7434	25.7473	22	101.46	66.813	127	0.971954	1
C9K0Z6;O88507;Q9C9K0Z6	Ciliary neurotrophic factor receptor Cntfr	24.7921	24.5851	7	40.859	53.744	65	0.175946	1
C9K0Z7;O35465	Peptidyl-prolyl cis-trans isomerase Fkbp8	22.7645	23.1821	9	38.412	61.109	53	0.782003	1
C9K0Z8;O88703	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel Hcn2	22.6704	22.1917	7	94.711	7.0373	12	0.671243	1
Q14DQ3;C9K101;Q9C9K101	Serine/threonine-protein kinase M Mark1	22.8899	22.7697	15	88.315	23.371	25	0.737707	1
U3RKD2;D3Y273;H1SLC4A7	Anion exchange protein;Sodium bicarbonate symporter Slc4a7	23.54	23.6379	5	113.31	4.7796	63	0.807013	1
D3Z495;D3YTL8;Q5SPIRE1	Protein spire homolog 1 Spire1	20.3855	20.5242	3	59.39	3.6425	8	0.537382	1
D3YTP3	Metaxin 3 Mtx3	21.0882	21.8857	5	34.89	7.9125	22	0.303718	1
D3YTP8;Q9D181;Q9D181	U6 snRNA-associated Sm-like protein Lsm4	21.4133	20.8616	3	11.072	4.1832	10	0.487428	1
F6VQH5;D3YTQ3;Q9D181	Heterogeneous nuclear ribonucleoprotein Hnrnpdl	23.6401	23.5062	8	35.534	32.995	72	0.68474	1
D3YTQ9;Q3UK70;P4RPS15	40S ribosomal protein S15 Rps15	25.1126	24.2457	5	13.742	20.339	29	0.599879	1
D3YTS3;Q68FD9	UPF0606 protein KIAA1549 D630045J12Rik	24.5226	24.3033	10	193.99	16.07	53	0.581927	1
Q3UE85;D3YTT3;Q9D181	Vesicular glutamate transporter 3 Slc17a8	25.0974	24.8338	2	39.044	27.847	32	0.89972	1
D3YTU2;Q3U0K8	Prolyl 3-hydroxylase OGFOD1 Ogfod1	21.0136	20.7057	1	61.159	9.2485	8	0.737323	1
D3YU23;D3Z6J2;D3LATROPHILIN-3	Latrophilin-3 Adgrl3;Lphn3	25.8237	25.5442	14	138.08	42.481	75	0.317155	1
D3YU12;Q8K2T1;G1NMRA1	NmrA-like family domain-containing protein NmrA1	21.1641	21.9618	6	33.081	5.6131	21	0.132505	1
Q3UEQ1;E9Q9A0;F6V2U0;D3YUD3;D3YUL8;D3Z230;F6INPP4A	Inpp4a	25.3123	25.2681	20	99.971	49.538	98	0.912446	1
D3YUM1;Q91YT0;L1NDUFV1	NADH dehydrogenase [ubiquinone] Ndufv1	28.1133	28.0864	25	49.913	323.31	770	0.949007	1
D3YUP9;D6QSS8;Q9D181	Disintegrin and metalloproteinase Adam22	25.6332	25.9392	22	99.558	114.04	194	0.274854	1
Q3TCW5;D3YUV1;C6NRBP1	Nuclear receptor-binding protein Nrbp1	21.5489	21.2514	4	59.851	7.2624	15	0.533246	1
D3YUY3;F8WI18;P7PIP5K1A	Phosphatidylinositol 4-phosphate 5-kinase Pip5k1a	21.9993	21.3452	7	55.36	9.3041	12	0.366732	1
Q3TDT0;D3YUY7;Q9D181	Tripartite motif-containing protein Trim3	24.2497	24.5409	19	78.271	162.68	53	0.565212	1
H3BIV5;D3YVF0	A-kinase anchor protein 5 Akap5	27.2486	27.2823	20	80.202	303.2	234	0.913684	1

D3YVU0;P62069;Q Ubiquitin carboxyl-terminal hydrolase 12	Usp46;Usp12	21.6262	21.1354	4	39.499	4.5322	31	0.132858	1
G3UYX3;D3YVV7	Neuro-oncological ventral antigen 1	23.7805	23.8298	13	49.066	39.388	50	0.889656	1
D3YWJ4;Q8K2I1	Protein farnesyltransferase subunit 1	21.0641	20.743	3	52.784	7.6095	21	0.578135	1
E9QMU3;D3YWN7	Enscapsin	20.7554	20.7738	4	82.843	5.9613	5	0.980335	1
S4R2G0;D3Z519;D Diacylglycerol kinase	Dgki	21.7837	21.9701	4	93.01	4.9715	12	0.847293	1
D3YWR1;Q9CRC9	Glucosamine-6-phosphate isomerase 2	20.77	20.9181	5	30.523	3.8818	8	0.821247	1
D3YWT1;D3Z3N4	Heterogeneous nuclear ribonucleoprotein 3	22.0239	22.3072	7	35.181	14.75	25	0.557733	1
D3YX27;Q3TXN0;Q Serine protease HTRA2, mitochondrial	Htra2	21.7253	21.7314	8	45.822	9.3035	19	0.985686	1
S4R1M2;D3YXK2	Scaffold attachment factor B1	23.475	23.7	10	105.32	16.694	27	0.700897	1
D3YXZ3;Q91YS4;O Kinesin light chain 2	Klc2	23.9418	23.5623	19	68.176	73.974	47	0.074373	1
D3YYE1;D3Z7M9;O Acidic leucine-rich nuclear phosphoprotein 32a	Anp32a	24.2582	26.3589	12	22.954	127.51	207	0.349088	1
D3YYK8;E9Q6X0;Q Microtubule-associated protein 1B	Mapre2	25.5838	25.6402	18	29.425	216.29	212	0.899008	1
E9Q3B9;D3YYS6;Q Monoglyceride lipase	Mgll	25.4807	25.6883	17	35.256	156.88	308	0.429308	1
D3YYT0;Q8BSI9;Q3 Cadherin-2	Cdh2	26.0233	25.8364	14	93.856	96.738	144	0.74673	1
D3Z7G3;D3YXX8;D Uncharacterized protein C10orf35	2010107G23Rik	22.289	22.0909	3	10.843	13.037	18	0.873479	1
D3YZ62;D3Z4J3;Q9 Unconventional myosin-Va	Myo5a	29.9285	29.869	106	212.33	323.31	1580	0.801635	1
E9Q4Q2;D3YZC9;D Splicing factor 1	Sf1	22.4723	23.6431	6	59.698	40.975	27	0.434147	1
D3YZI9;D3Z077;G3 PiggyBac transposable element-derived	Pgbd5	22.335	22.8782	7	58.3	8.9768	9	0.507505	1
D3YZU5;D3YZU4;D SH3 and multiple ankyrin repeat domain 1	Shank1	26.2762	26.0695	36	225.46	205.02	167	0.513414	1
E9Q7G1;D3YZZ5	Transmembrane p24-trafficking protein 7	22.7212	22.9897	6	21.276	11.474	41	0.444763	1
D3Z041;P41216	Long-chain-fatty-acid--CoA ligase 1	23.8038	23.3574	17	78.034	24.758	50	0.627025	1
D3Z061;Q8C7R4	Ubiquitin-like modifier-activating enzyme 6	23.8361	23.8164	12	114.77	20.917	29	0.971145	1
F6XC54;D3Z074;E9 Protein diaphanous homolog 1	Diap1;Diaph1	22.8228	23.1338	11	135.84	21.017	29	0.696558	1
D3Z2Q2;D3Z079;Q Syntaxin-binding protein 5	Stxbp5	26.4682	26.418	21	121.71	50.344	155	0.834186	1
D3Z0F5;Q3UIT2;O8 COP9 signalosome complex subunit 6	Cops6	24.4454	24.3104	15	33.591	82.086	134	0.855424	1
D3Z169;E9PZ19	Protein turtle homolog B	21.1687	21.3887	3	79.89	5.9922	13	0.703043	1
D3Z183;Q8CBH5	Major facilitator superfamily domain 6	21.7789	21.9136	4	87.827	8.2912	13	0.789015	1
D3Z1H9;Q7TMS6;C Glycolipid transfer protein	Gltpt	23.3637	21.078	5	21.535	8.0312	17	0.080342	1
F6QL70;Q5M8M8;I 60S ribosomal protein L29	Gm17669;Rpl29	23.8069	21.8303	4	16.966	8.1874	17	0.334063	1
E9Q986;D3Z7H6;Q Catenin delta-1	Ctnnd1	23.1662	22.9683	7	92.477	50.731	29	0.535217	1
D3Z2J6;Q9D710	Thioredoxin-related transmembrane protein 2	25.028	25.2438	5	29.591	24.655	98	0.641515	1
D3Z3M7;D3Z2Z1;F CAP-Gly domain-containing linker protein 1	Clip1	26.1917	25.999	33	148	90.649	90	0.510337	1
D3Z396;Q8BG33;Q Neurotrimin	Ntm	27.8025	27.6025	12	34.954	155.89	352	0.368653	1

D3Z3A0;Q9DCL8;Q	Protein phosphatase inhibitor 2	Ppp1r2	22.4266	23.2756	4	21.919	5.0345	11	0.259159	1
D3Z3B8	Disks large homolog 1	Dlg1	26.2661	26.3943	33	91.622	127.81	237	0.558236	1
D3Z3Z3;Q8K5A7;P	Voltage-dependent L-type calcium	Cacnb3	22.2673	22.4297	5	54.395	9.8305	23	0.58827	1
D3Z4C9;Q9CQY6;D	Ubiquinol-cytochrome-c reductase	Uqcc2	21.9632	20.6521	3	15.363	5.9422	7	0.224012	1
D3Z4E2;Q8CFV4	Neuritin	Nrn1	21.5902	21.2425	4	17.007	5.4122	15	0.795889	1
D3Z4S6;Q922P8	Transmembrane protein 132A	Tmem132a	21.5955	21.2971	5	74.772	11.36	12	0.624306	1
D3Z5R4;E9Q2D0;P	WAS/WASL-interacting protein fam	Wipf3	22.9717	22.4516	6	45.137	17.979	25	0.220997	1
D3Z645;Q9QZ88;D	Vacuolar protein sorting-associated	Vps29	26.5468	24.1708	8	16.137	29.515	140	0.331704	1
E9Q7S0;F7BQW7;D	Synaptojanin-1	Synj1	30.2241	30.1602	64	144.59	323.31	1607	0.527237	1
D3Z6H3;Q9WUB4;I	Dynactin subunit 6	Dctn6	21.9007	21.8085	3	20.041	2.8424	12	0.955172	1
D3Z6I4;Q921W4;D	Quinone oxidoreductase-like prote	Cryz1	22.5016	22.7893	7	37.007	16.989	34	0.016223	1
E9QAS9;Q547R0;E	Fragile X mental retardation protei	Fmr1	21.7607	21.6789	6	65.918	16.928	22	0.882621	1
F8WI56;D3Z7D3;Q	Disco-interacting protein 2 homolo	Dip2a	22.3502	22.116	14	169.52	8.3774	10	0.868383	1
D3Z7E5;Q2NL51	Glycogen synthase kinase-3 alpha	Gsk3a	23.9818	23.8681	15	51.245	37.236	92	0.790429	1
D3Z7P0;Q8K3W0;A	BRCA1-A complex subunit BRE	Bre	21.5467	21.4863	4	43.749	4.2688	11	0.824613	1
D3Z7P3;D3Z7P4	Glutaminase kidney isoform, mitoc	Gls	29.243	29.2883	36	73.963	323.31	965	0.639808	1
D3Z7W0;Q9D7P6;I	Iron-sulfur cluster assembly enzym	Iscu	21.0163	21.5785	3	22.109	3.9523	8	0.665637	1
G3X922;D4AFX7	DnaJ heat shock protein family (Hs)	Dnajc13	22.4809	21.8802	11	254.44	20.647	19	0.52003	1
E0CXB9;Q61301	Catenin alpha-2	Ctnna2	27.7987	27.5257	41	106.73	323.31	358	0.571638	1
E0CXN5;P13707	Glycerol-3-phosphate dehydrogen	Gpd1	25.6259	25.9699	22	35.231	95.511	233	0.495371	1
E0CXZ1;J3QM95;F	FSD1-like protein	Fsd1l	21.3544	20.7647	4	55.339	5.0928	13	0.314084	1
E0CY16	Cell adhesion molecule 1	Cadm1	21.809	22.2152	12	42.892	7.2756	24	0.53888	1
E9Q6Q2;E9QMI9;E	Serine/threonine-protein kinase W	Wnk2	24.2047	23.07	13	211.11	53.2	40	0.290882	1
Q545L9;F7D432;E9	Protein-L-isoaspartate O-methyltra	Pcmt1	25.31	27.2439	15	24.634	217.51	257	0.394792	1
E0CYX9;Q3TC33;E0	Coiled-coil domain-containing prot	Ccdc127	21.892	22.4275	9	27.735	14.022	10	0.609956	1
E0CZ27;P84244;P0	Histone H3;Histone H3.3;Histone H	H3f3a;H3f3c;Hi	29.6505	27.5696	6	13.322	35.709	195	0.36112	1
E0CZ72;P28740;F8	Kinesin-like protein;Kinesin-like pr	Kif2a	24.9529	25.186	24	83.86	49.741	134	0.50794	1
E0CZ78;P48453;G3	Serine/threonine-protein phosphat	Ppp3cb	26.5255	26.5454	24	59.074	295.33	228	0.916276	1
E0CZE0;Q3UK27;Q	NEDD8-activating enzyme E1 regul	Nae1	24.3056	24.421	16	57.619	67.45	82	0.206122	1
Q3U967;E5Q371;Q	Leukocyte surface antigen CD47	Cd47	25.2915	25.2984	4	33.097	37.379	156	0.991702	1
F6S7W6;E9PU87;Q	Serine/threonine-protein kinase SII	Sik3	22.3171	22.5255	9	144.79	20.237	25	0.646994	1
E9PUA3	IQ motif and SEC7 domain-containi	lqsec1	26.6194	26.5475	35	122.65	197.44	173	0.744497	1
E9PUC5;F6Z9E6;A0	PH and SEC7 domain-containing pr	Psd3	27.7879	27.9735	29	42.299	308.67	440	0.578935	1

E9PUD2	Dynamin-1-like protein	Dnm1l	21.6509	22.0223	46	79.532	5.3044	10	0.624866	1
E9PUE7;Q5SSL4	Active breakpoint cluster region-re	Abr	26.3329	26.2024	27	92.486	186.14	200	0.71222	1
E9PUL5	Proline-rich transmembrane protei	Prpt2	26.7166	27.0928	7	35.923	260.5	333	0.419137	1
E9PUM4;Q68FD6;C	MKIAA0320 protein	Tln2	28.3883	28.2055	89	271.66	323.31	664	0.079118	1
Q2M4H5;E9PV12;C	Cullin-5	Cul5	24.8136	24.7476	22	90.973	82.195	90	0.70225	1
E9PV44;Q35143	ATPase inhibitor, mitochondrial	Atpif1	21.9747	21.5879	7	8.7887	17.629	11	0.671574	1
Q3U316;E9PV58;Q	Transportin-2	Tnpo2	24.1961	24.758	18	101.44	60.06	96	0.299616	1
Q3UHQ5;E9PVA8;Q8CHH7;Q6PGM5;Q640Q4		Gcn1l1	24.3766	24.5751	20	292.99	67.218	45	0.527588	1
Q8C411;Q8BN81;Q	Cyclin-dependent kinase 14	Cdk14	21.2062	21.4054	6	38.32	4.9664	27	0.576748	1
F8WJB9;E9PVP4;P7	Ena/VASP-like protein	Evl	21.7699	21.8341	9	42.893	21.052	14	0.94216	1
E9PVU9;F6SV10;E9	Bis(5-adenosyl)-triphosphatase	Fhit	22.706	21.5293	5	14.22	8.6339	24	0.392302	1
Q3TF41;Q8BSH9;E	Nucleosome assembly protein 1-lik	Nap1l1	24.8313	24.8706	10	42.732	69.163	166	0.899763	1
Q6PJ87;Q3U844;H	Casein kinase I isoform alpha	Csnk1a1	20.8049	21.4123	7	37.567	11.602	19	0.206211	1
Q3TT92;E9PWE8;Q	Dihydropyrimidinase-related prote	Dpysl3	27.2925	27.2862	31	61.779	323.31	378	0.981723	1
E9PWG2;Q69ZT3;Q8BJI6;E9PY51		Trappc8	23.4463	23.6532	10	160.91	22.542	20	0.292926	1
E9PWP6	Regulating synaptic membrane exc	Rims1	22.9408	23.9336	11	89.256	22.334	20	0.341911	1
Q925I8;E9PX28;E9I	OL-protocadherin isoform	Pcdh10	21.6031	22.238	4	113.14	7.4423	13	0.443022	1
Q91ZE6;E9PX29;Q	Spectrin beta chain	Sptbn4	24.201	24.2604	21	288.13	24.421	46	0.86103	1
F8VPX1;E9PXY8;Q6	Ubiquitin carboxyl-terminal hydroli	Usp7	25.9792	26.1291	27	128.47	81.158	214	0.6816	1
E9PY16;Q6PGM4;Q8BVR8;B7ZMY4;Q8BVS1		Adap1	25.2846	25.3053	16	43.37	64.636	184	0.823586	1
Q8C5C0;E9PYG9;Q	Deoxynucleoside triphosphate tripl	Samhd1	20.43	20.7025	2	64.003	3.182	4	0.378474	1
E9QMK2;E9PYH0;C	Versican core protein	Vcan	24.7027	24.7016	10	178.5	67.024	58	0.996043	1
E9PYH2;Q91V12	Cytosolic acyl coenzyme A thioeste	Acot7	28.2623	28.261	19	42.826	214.5	636	0.985736	1
E9PYI8;Q9JMA1;Q	Ubiquitin carboxyl-terminal hydroli	Usp14	25.9267	25.9601	23	52.318	121.91	187	0.884475	1
E9PYJ7	Membrane-associated phosphatidy	Pitpnm2	24.7846	24.7793	25	147.62	42.356	86	0.974682	1
E9PYL9;Q9CXW4;Q	60S ribosomal protein L11	Gm10036;Rpl11	26.4229	24.6069	7	20.266	71.065	130	0.320032	1
Q1WIL9;E9PYN1;Q	Cell adhesion molecule 1	Cadm1	26.7507	26.603	14	46.875	273.25	279	0.700397	1
E9PZ43;A0A0G2JDI	Microtubule-associated protein	Map4	21.9052	21.5442	14	97.795	7.4902	13	0.532216	1
E9PZ88;F8WIE1;Q8	Alpha-mannosidase;Alpha-mannos	Man2c1	22.5138	22.4013	11	104.68	23.904	17	0.805778	1
Q3U6G1;E9PZC3;Q	Flavin reductase (NADPH)	Blvrb	23.2049	24.7042	6	22.197	48.733	57	0.561605	1
G3X9T8;G3X8Q5;E	Ceruloplasmin	Cp	22.382	21.6916	8	121.08	8.53	15	0.450357	1
E9PZF0;Q5NC79;Q	Nucleoside diphosphate kinase;Nuc	Gm20390;Nme	25.7724	23.8607	16	30.2	59.418	121	0.323136	1
E9Q5H2;E9PZF5;Q	Acidic leucine-rich nuclear phosph	Anp32e	22.5693	23.4424	5	12.078	36.797	81	0.531133	1

E9PZP8	HECT and RLD domain-containing E Herc1	21.7235	21.0555	3	532.65	8.4067	6	0.345876	1
Q5NDA4;E9Q0H6;F	Fatty acid-binding protein, brain Fabp7	24.9788	22.9186	6	14.894	13.448	41	0.368463	1
Q3UHE7;F8WGN6;I	Kinesin-like protein;Kinesin-like prc Kif21a	27.4408	27.5563	42	181.4	323.31	347	0.665092	1
E9Q0N0;Q9Z0R4;E	Intersectin-1 Itsn1	26.0409	26.097	35	194.89	104.31	113	0.871035	1
E9Q3L1;E9Q174;V	Unconventional myosin-VI Myo6	26.4072	25.9245	37	145.8	82.767	129	0.520412	1
E9Q1G8;Q8C2A3;E	Septin-7 Sept7	29.1248	29.0621	31	50.648	323.31	1118	0.870662	1
Q3UHA5;E9Q1R5;C	Voltage-dependent P/Q-type calci Cacna1a	23.2213	22.4257	9	262.1	9.8305	14	0.624926	1
E9Q1S3;Q8C1E4;Q	Protein transport protein Sec23A Sec23a	24.3149	24.4996	19	82.955	118.44	79	0.713061	1
E9Q1W0;E9Q1T1;A	Calcium/calmodulin-dependent prc Camk2d	26.1799	26.0227	23	57.748	122.41	184	0.48754	1
E9Q1V3;O35435;Q	Dihydroorotate dehydrogenase (q Dhodh	22.3345	21.5755	6	30.325	4.5604	9	0.043708	1
E9Q1X8;O08532	Voltage-dependent calcium channe Cacna2d1	20.3925	21.7684	36	123.2	4.1311	7	0.151902	1
E9Q2E4	HECT domain E3 ubiquitin protein I Hectd4	24.0325	25.2172	16	484.12	42.386	62	0.349817	1
E9Q2W9	Alpha-actinin-4 Actn4	23.8476	23.9751	38	59.897	26.152	69	0.659568	1
E9Q3L2;A0A140T8I	Phosphatidylinositol 4-kinase alpha Pi4ka	27.9567	27.8586	78	237.04	323.31	397	0.791144	1
Q6NZM3;E9Q3M3;	Dynactin subunit 1 Dctn1	28.6846	28.6256	57	139.78	323.31	580	0.738034	1
E9Q3M9;F7B0R9;Q	2010300C02Rik protein 2010300C02Rik	24.5868	24.5273	19	125.91	41.944	59	0.881387	1
E9Q4G8;E9Q3Q6;C	CD166 antigen Alcam	26.4728	26.6588	21	61.9	121.47	249	0.386059	1
H7BX15;E9Q9Q9;E	Latrophilin-1 Adgrl1;Lphn1	25.5568	25.2225	21	162.28	121.23	97	0.583065	1
F6U7V1;E9Q401	Ryanodine receptor 2 Ryr2	27.7317	27.8134	120	564.73	323.31	448	0.705854	1
Q19VH2;E9Q4K0;E	Actin-binding LIM protein 2 Ablim2	24.2933	24.3195	18	73.589	46.648	91	0.961823	1
E9Q4M4;Q91VN4;C	MICOS complex subunit Mic25 Chchd6	23.7506	26.0479	12	26.388	101.2	126	0.248878	1
E9Q4P1;Q8R3I5	Wdfy1 protein Wdfy1	22.7525	22.6152	7	46.217	19.525	21	0.884669	1
E9Q5B2;G5E8X1;Q	UPF0585 protein C16orf13 homolo 0610011F06Rik	22.7401	21.5443	4	12.037	11.462	25	0.392585	1
E9Q616;Q6UL10;A	0JLR7;A0PJF4;Q61484 Ahnak	25.4303	24.9581	19	604.25	39.991	74	0.124156	1
E9Q683;Q6PHS9	Voltage-dependent calcium channe Cacna2d2	23.3226	22.7569	7	130.56	6.9337	13	0.240594	1
E9Q6P5	Tetratricopeptide repeat protein 7I Ttc7b	25.0594	25.198	24	94.202	79.758	120	0.480974	1
Q8C5J7;E9Q720;Q	Regulator of G-protein signaling 20 Rgs20	21.7499	20.5479	3	23.881	2.3388	4	0.162841	1
Q5UE59;E9Q7C9;Q	Kinesin light chain 1 Klc1	25.1756	25.4314	22	61.629	213.1	170	0.188358	1
E9Q7P1;F6TGL6	Collagen, type XXII, alpha 1 Col22a1	23.8682	23.8045	3	159.94	2.516	18	0.975679	1
E9Q7Q3;A0A0R4J1	Tropomyosin alpha-3 chain Tpm3	22.5888	22.5893	29	28.734	11.79	25	0.999489	1
E9Q7U2;Q8CGU1	Calcium-binding and coiled-coil dor Calcoco1	21.7893	21.7963	8	70.932	12.224	10	0.985732	1
H2BL43;E9Q828;F	7 Calcium-transporting ATPase Atp2b4	29.0384	28.6354	54	129.24	323.31	536	0.401317	1
E9Q8I9	Protein furry homolog Fry	23.0245	22.4972	11	339.09	11.673	14	0.409744	1

E9Q8N5;Q08EB6;Q CLIP-associating protein 2	Clasp2	25.5043	25.4412	25	140.72	58.673	96	0.860356	1	
E9Q8N8	Anion exchange protein	Slc4a4	28.031	27.9445	28	123.08	280.36	378	0.818357	1
E9Q912;Q3TPS9;Q3TA69;Q3TLU4		Rap1gds1	28.6457	28.6443	32	66.076	323.31	923	0.997575	1
E9Q933;Q8BK08	Transmembrane protein 11, mitocl	Tmem11	24.2734	22.773	3	19.808	18.332	51	0.316322	1
E9Q9C4;E9Q9C0;E5	Actin-binding LIM protein 1	Ablim1	22.9283	22.851	15	77.222	31.652	48	0.88152	1
E9Q9C3;Q9QZQ1;E	Afadin	Mllt4	25.799	25.7351	29	207.31	83.625	110	0.331234	1
G3X9J6;E9Q9M1;Q	Cytosolic purine 5-nucleotidase	Nt5c2	21.9105	21.7078	9	67.764	23.392	18	0.852494	1
Q8C1W2;E9QAC6	Galectin	Pick1	23.4847	23.4594	9	58.971	24.891	34	0.949695	1
E9QAD8;A4GZ26;Q	IQ motif and SEC7 domain-containi	lqsec2	27.2111	27.0743	45	162.83	318.13	272	0.515765	1
Q5KU03;E9QAQ5;C	Glycogen synthase kinase-3 beta	Gsk3b	26.12	26.0909	20	46.71	206.74	218	0.937629	1
E9QAS4;E9QAS5;Q	Chromodomain-helicase-DNA-bind	Chd4;Chd5	21.3373	21.2659	5	216.37	5.714	5	0.940419	1
Q5M8Q0;Q3U7D2; Ribosomal protein L15;60S ribosom		Rpl15;Gm1002C	24.8064	24.9007	9	24.146	17.309	110	0.886087	1
E9QB01	Neural cell adhesion molecule 1	Ncam1	26.2621	25.7624	31	93.619	25.487	26	0.138898	1
E9QB02;Q68FL6	Methionine--tRNA ligase, cytoplasmic	Mars	24.0965	24.1483	16	102.37	22.794	44	0.777808	1
Q4VAF0;E9QJT5;P5	Acylphosphatase;Acylphosphatase	Acyp1	22.8897	22.0073	6	14.925	22.537	30	0.459661	1
Q7TQG5;E9QK04;P	Neogenin	Neo1	24.4541	24.6624	15	159.97	27.806	50	0.484412	1
E9QK48;Q7TNG5;D	Echinoderm microtubule-associate	Eml2	23.4262	23.3288	14	90.791	32.044	33	0.940668	1
E9QK62;Q8CHT1	Ephexin-1	Ngef	24.4444	24.7089	15	82.208	106.79	120	0.437001	1
E9QKB2;Q9JKS5;A7	Intracellular hyaluronan-binding pr	Habp4	22.3688	22.3512	6	45.965	19.051	36	0.963887	1
Q4LG64;E9QKC0;C9K0Z1;A0A0A6YW90;Q80VM6		Gria2	28.1429	28.4372	48	98.845	323.31	713	0.230401	1
Q3TPI3;Q3UHH4;Q	Tripartite motif-containing protein	Trim2	25.745	25.8402	23	81.426	252.05	155	0.427387	1
E9QKZ2;Q91YE6;Q	Importin-9	Ipo9	25.4029	24.3808	11	115.95	160.75	54	0.189509	1
E9QL53;P49Q25;F6	Citron Rho-interacting kinase	Cit	25.2796	25.8302	27	235.36	47.36	63	0.127672	1
Q8R1E1;E9QL80;Q	Acyl-CoA:lysophosphatidylglycerol	Lpgat1	22.0377	22.5457	5	31.565	9.3841	15	0.42786	1
E9QLB2;Q3UFF7	Lysophospholipase-like protein 1	Lyplal1	21.2025	21.4717	5	26.34	12.73	13	0.77019	1
Q3TR28;E9QLH4;Q	E3 ubiquitin-protein ligase TRIM9	Trim9	22.0083	22.0794	8	87.476	11.102	23	0.900544	1
E9QLL2;Q8BZ98;Q	Dynamin-3	Dnm3	27.1414	27.0675	47	97.272	248.91	503	0.607401	1
E9QM38;P55012	Solute carrier family 12 member 2	Slc12a2	24.86	24.6531	16	130.67	59.655	47	0.850145	1
E9QM90;Q148V7;C	LisH domain and HEAT repeat-cont	2310035C23Rik	26.6369	26.6324	35	134.57	162.69	224	0.980487	1
H3BKD4;Q3UJA5;H	Arf-GAP with SH3 domain, ANK rep	Asap1	22.3905	21.6658	8	120.1	8.0204	20	0.332873	1
Q3U7K4;E9QMK9;C	UPF0317 protein C14orf159 homol	9030617O03Rik	21.082	21.9335	4	59.958	4.9869	8	0.364288	1
Q8C2R5;E9QMW9;	Polypyrimidine tract-binding protei	Ptbp1	22.078	22.2052	4	32.279	11.455	21	0.897695	1
E9QMY1;Q80VX2;C	OX-2 membrane glycoprotein	Cd200	24.4882	24.6691	8	30.292	50.34	67	0.583135	1

E9QN14;F8VPQ4;Q SLIT-ROBO Rho GTPase-activating p Srgap3	25.0051	25.1246	22	121.72	52.939	59	0.859552	1
Q3TQZ7;Q80W82;C Mitogen-activated protein kinase;M Mapk10	24.4823	24.3058	15	48.003	39.262	102	0.831951	1
E9QN98;Q6NXX7;D Inactive dipeptidyl peptidase 10 Dpp10	27.2096	27.2551	29	91.129	85.126	339	0.69148	1
E9QN99;Q8VCR7;A Alpha/beta hydrolase domain-cont Abhd14b	20.4613	20.8319	5	22.45	4.8644	20	0.763754	1
E9QNF7;Q9CPW0 Contactin-associated protein-like 2 Cntnap2	26.2005	26.1308	21	148.25	68.899	108	0.867528	1
E9QNR6;Q8VD62 UPF0696 protein C11orf68 homolog AI837181;Bles0	22.3503	21.9995	5	31.845	15.1	33	0.444437	1
E9QP87;Q80U92;Q Membrane protein MLC1 Mlc1	21.7316	23.2665	5	42.168	9.3386	17	0.288245	1
G5E8R3;E9QPD7;Q Pyruvate carboxylase;Pyruvate carboxylase Pcx;Pc	28.5646	28.2376	47	129.7	323.31	598	0.428357	1
Q923F9;E9QPX3;Q NADH dehydrogenase [ubiquinone] Ndufs4	26.4877	24.0498	7	18.518	24.442	150	0.337313	1
Q8K3L3;F2Z3X6;Q83-phosphoinositide-dependent protein kinase Pdpk1	21.3491	20.9948	6	60.934	4.5346	12	0.403982	1
Q8K233;F6QCP8;Q Angiotensin-converting enzyme;Angiotensin-converting enzyme Ace	21.6446	20.2588	2	117.51	3.3918	5	0.16862	1
F6RJV6;Q9JJK2 LanC-like protein 2 Lancl2	25.8792	25.9355	25	49.742	224.14	308	0.913578	1
F6RPJ9;Q8CGB9;Q Insulin-degrading enzyme Ide	23.4296	24.6453	11	114.15	33.955	18	0.302421	1
F6RT34;F7A0B0;Q0 Myelin basic protein Mbp	30.6806	29.0315	12	23.086	323.31	825	0.272274	1
F6SEU4;J3QQ18;A0 Ras/Rap GTPase-activating protein Syngap1	29.1438	28.8192	56	148.24	323.31	1088	0.260887	1
F6V084;Q8VBT0 Thioredoxin-related transmembrane protein Tmx1	21.2737	21.9137	3	14.343	6.7509	8	0.451509	1
F6VQ81;Q8BKP1;A Tumor protein D54 Tpd52l2	22.8677	24.3118	11	17.619	51.107	102	0.396281	1
F6XWD4;Q3UMT1 Protein phosphatase 1 regulatory subunit 12c Ppp1r12c	21.9763	20.1594	2	76.641	2	5	0.327428	1
Q561N5;F6YVP7;P640S ribosomal protein S18 Rps18;Gm1026l	27.0848	24.9506	13	17.718	41.28	193	0.35233	1
Q7M739;F6ZDS4;Q Nucleoprotein TPR Tpr	24.5369	24.6051	20	266.92	53.543	51	0.766699	1
Q8C446;F6ZYH6;P6 Gamma-aminobutyric acid receptor Gabrb3	25.818	25.9129	11	54.282	57.849	115	0.790169	1
Q3TI34;Q5XJZ8;Q7 Glutathione peroxidase;Phospholipase Gpx4;PHGPx	25.6568	23.6481	11	19.522	29.871	116	0.310727	1
F7BAB2;Q5DTV2 MKIAA1786 protein Tmem132b	21.1776	21.7074	4	119.33	7.4868	13	0.206108	1
F7BJK1 Protocadherin 1 Pcdh1	22.5269	22.5516	17	116.52	2.9335	22	0.979158	1
Q8C0B4;F7BNZ5;Q Breast carcinoma-amplified sequence Bcas1	21.3674	21.6497	3	40.541	13.307	12	0.699738	1
F7BP73;Q3UHH2;F Solute carrier family 22 member 2 Slc22a23	21.6189	22.0626	3	61.962	9.0451	7	0.749505	1
Q8R5C0;F7C846;P4 Metaxin-1 Mtx1	21.933	23.0351	11	35.646	28.35	57	0.262105	1
F7CVQ1;F8WJ51;F Netrin-G1 Ntng1	22.2364	22.4475	5	35.56	26.166	51	0.752938	1
F7CZ64;Q8VHW2 Voltage-dependent calcium channel Cacng8	25.6518	26.2647	11	43.418	70.093	110	0.374041	1
F8SLP8;F8SLQ4;F8S Peroxin 2, isoform CRA_d Pex5l	23.9368	24.0538	16	66.878	91.425	58	0.679915	1
F8VPN4;A0A0G2JG Amylo-1,6-glucosidase, 4-alpha-glucanase Agl	27.0378	26.9894	47	174.29	181.45	324	0.854811	1
F8VPP8;Q3TAC6;Q MKIAA1031 protein mKIAA1031	21.636	21.1142	2	110.29	2.9706	2	0.16318	1
F8VPQ1;Q8CIQ7;Q Dedicator of cytokinesis protein 3 Dock3	25.294	24.9752	30	233.28	85.167	78	0.308133	1

F8VPU2;Q8K2R0	FERM, RhoGEF and pleckstrin dom	Farp1	26.0424	25.8632	24	118.87	86.988	130	0.435013	1
Q6PD17;F8VPZ3;F6	Ubiquitin carboxyl-terminal hydrol	Usp32	21.1926	21.41	3	95.099	2.8475	7	0.474691	1
F8VQ40;P19137	Laminin subunit alpha-1	Lama1	22.0944	21.578	7	338.14	5.0215	10	0.625917	1
F8VQE9;Q8VHH5;A	Arf-GAP with GTPase, ANK repeat	Agap3	24.442	24.3349	11	97.694	52.883	102	0.638786	1
F8VQF9;Q3TLI0	Trafficking protein particle comple	Trappc10	22.713	22.0447	7	141.49	8.5226	9	0.410451	1
F8VQJ3;P02468	Laminin subunit gamma-1	Lamc1	25.636	25.6664	27	177.19	86.235	106	0.936616	1
F8VQK3;Q3TNN8	Guanylate cyclase 1, soluble, alpha	Gucy1a2	24.1445	24.358	19	81.83	133.23	70	0.44552	1
S4R255;F8WGF2;Q	Nitric oxide synthase, brain	Nos1	24.6648	24.5968	15	160.05	53.294	60	0.775662	1
F8WGT1;Q68FL4;Q	Adenosylhomocysteinase;Putative	Ahcyl2	25.5271	25.634	23	66.771	130.57	57	0.775599	1
F8WGX5;Q6PNC0	DmX-like protein 1	Dmxl1	23.1721	23.1588	8	337.39	5.2415	8	0.992947	1
Q3UHH0;Q3UHI3;F	Calcium-transporting ATPase;Plas	Atp2b2	30.7802	30.8018	61	132.1	323.31	1613	0.961505	1
F8WHM5;Q53WR6	Golgi apparatus protein 1	Glg1	23.9914	24.039	16	132.35	30.329	41	0.943801	1
F8WHQ1;E9PUA7;C	Tumor protein D52	Tpd52	23.7503	24.311	12	26.927	22.458	88	0.655712	1
F8WHW6;O70161	Phosphatidylinositol 4-phosphate	Pip5k1c	27.2719	27.2583	25	75.515	294.34	342	0.95627	1
F8WI90;P05480;Q3	Neuronal proto-oncogene tyrosine	Src	24.4447	24.0632	15	59.89	54.406	74	0.001882	1
F8WID5;Q564G1;E	Tropomyosin 1, alpha	Tpm1	24.0845	24.4529	23	37.412	56.336	118	0.662922	1
F8WIE5;Q69ZR2;Q	E3 ubiquitin-protein ligase HECTD1	Hectd1	22.1906	21.8662	8	289.23	10.278	20	0.789633	1
F8WIK0;Q8WTY4	Anamorsin	Ciapi1	22.4865	22.3581	5	33.429	11.391	17	0.670984	1
Q3U7I9;F8WIR1;Q	Cathepsin D	Ctsd	26.2221	26.5441	13	44.314	108.25	264	0.016734	1
F8WIT2;Q3UI56;P1	Annexin;Annexin A6	Anxa6	26.9169	27.1544	41	75.288	293.95	412	0.468555	1
F8WIU1;Q9D1K7;H	UPF0687 protein C20orf27 homolo	1700037H04Rik	25.0661	23.1894	7	19.811	28.107	49	0.265166	1
F8WJG3;P62996;Q	Transformer-2 protein homolog be	Tra2b	22.5958	21.973	5	21.935	7.2338	19	0.341923	1
F8WJI3;Q8R3Q6;E9	Coiled-coil domain-containing prot	Ccdc58	21.435	20.5576	2	15.601	5.0845	12	0.047193	1
F8WJK8;Q3U9V1;Q	Hsc70-interacting protein	St13	25.6932	25.6772	11	40.538	158.69	198	0.957139	1
G3UWV4;G3FEZ6;C	Serine/threonine-protein kinase B	Brsk2	22.7827	21.8922	12	77.777	21.929	26	0.364831	1
G3UX26;Q60930;D	Voltage-dependent anion-selective	Vdac2	27.7634	29.3034	15	30.446	323.31	1046	0.231204	1
Q5DTJ4;G3UX48;Q	Protein PRRC2A	Prrc2a	20.5394	21.5706	3	191.12	4.5706	8	0.209681	1
Q3TI27;G3UXL2;Q9	Ribose-phosphate pyrophosphokin	Prps1;Prps1l3	26.465	26.1785	17	34.865	158.67	275	0.26862	1
Q3MIA8;G3UXW9;C	COP9 signalosome complex subuni	Gps1	24.842	24.4622	17	55.163	88.243	95	0.171095	1
G3UXZ5;Q5HZK3;P	Proteasome activator complex sub	Psme1	22.641	24.6529	13	27.411	25.22	92	0.386673	1
G3UYD0;Q3UHU8;C	General transcription factor II-I	Gtf2i	21.3445	22.314	3	103.08	10.06	8	0.454365	1
Q8CFZ0;G3UYPO;P	SUMO-conjugating enzyme UBC9	Ube2i	23.9734	23.1955	5	11.225	15.421	53	0.566747	1
G3UYZ1;A0A0R4J1	Immunoglobulin superfamily mem	Igsf8	28.4311	28.6539	20	58.131	323.31	577	0.187049	1

G3UZD6;Q6NWW1 Ubiquitin conjugation factor E4 B	Ube4b;mKIAA01	21.9111	22.2172	7	113	8.5125	15	0.628045	1
G3UZM4;Q8BLQ9 Cell adhesion molecule 2	Cadm2	27.2557	27.3466	16	47.345	268.84	342	0.317749	1
Q9CQG4;Q921E4;C Receptor expression-enhancing pr	Reep5	27.222	26.4912	8	21.086	73.328	124	0.126948	1
Q9D2D1;Q544R6;G Carboxypeptidase;Lysosomal prote	Ctsa	23.3133	22.9718	8	53.829	12.329	45	0.636157	1
Q8BWV2;G3X8X7;C Vacuolar protein sorting-associate	Vps16	21.1009	22.1598	8	94.799	19.418	17	0.096163	1
G3X8Y3;Q80UM3;A N-alpha-acetyltransferase 15, NatA	Naa15	22.5434	22.4034	9	101.09	9.8828	18	0.367377	1
G3X915;Q9D7V2 LysM and putative peptidoglycan-b	Lysmd2	20.7005	20.8692	3	23.594	4.7284	8	0.614643	1
G3X920;Q9DBR3 Armadillo repeat-containing protei	Armc8	23.8485	23.7779	7	75.401	44.908	36	0.952376	1
Q3V222;G3X972;Q Sec24 related gene family, membe	Sec24c	24.8837	24.8425	17	89.316	37.864	106	0.953399	1
G3X9A7;Q8BLJ3;B2 PI-PLC X domain-containing protei	Plcx3	24.0172	23.6361	8	36.314	61.198	68	0.470381	1
G3X9H5;P42859 Huntingtin	Htt	26.5474	26.1075	48	344.78	176.21	193	0.310628	1
Q68FL0;G5E8Y0;G3 Sodium/calcium exchanger 1	Slc8a1	27.1117	27.1389	19	106.66	126.62	153	0.925387	1
G3X9K3 Brefeldin A-inhibited guanine nucle	Arfgef1	23.6345	23.5039	20	208.5	10.774	24	0.845388	1
G3X9K4;Q8R3Q2;Q Serine/threonine-protein phosphat	Ppp6r2	22.458	22.2771	8	100.46	13.098	26	0.572568	1
G3X9L6;Q9DCX2;B ATP synthase subunit d, mitochondr	Gm10250;Atp5l	28.9672	25.9308	12	18.621	169.56	503	0.361487	1
G3X9M0;Q9ER88;A 28S ribosomal protein S29, mitochr	Dap3	21.3734	21.7853	6	45.287	18.411	18	0.65801	1
G3X9V0;Q5SVP3;P Proteasome activator complex sub	Psme2;PSME2b	22.2678	23.9884	12	26.159	24.876	61	0.231948	1
G3X9V4;Q01097 Glutamate receptor ionotropic, NN	Grin2b	26.705	26.725	38	165.99	124.07	208	0.918479	1
G3XA10;Q3ULH5;Q Heterogeneous nuclear ribonucleo	Gm28062;Hnrm	27.9958	27.9835	25	86.805	323.31	416	0.980278	1
Q3UVV3;G3XA53;C Oligodendrocyte-myelin glycoprote	Omg	26.0645	26.4089	10	49.283	180.24	122	0.319103	1
G5DDB7;Q8R3B1;C Phosphoinositide phospholipase C;	Plcd1	22.2587	23.3237	12	88.845	34.297	25	0.154977	1
G5E814;Q9D8B4;Q NADH dehydrogenase [ubiquinone	Ndufa11	25.7348	25.9634	8	15.115	116.96	193	0.195107	1
G5E829;Q8K314 Plasma membrane calcium-transpor	Atp2b1	30.1268	30.1662	57	134.75	323.31	1245	0.907317	1
G5E850;Q544Z9;P5 Cytochrome b5	Cyb5a	25.3202	23.8212	5	11.142	15.83	108	0.394056	1
G5E863 Glutamate receptor 4	Gria4	21.2901	21.4792	11	100.82	5.6484	8	0.859435	1
G5E866;Q99NB9;Q Splicing factor 3B subunit 1	Sf3b1	25.3609	25.2605	20	145.83	95.898	70	0.843989	1
G5E881;Q3TUH1 Phosphatidate cytidylyltransferase	Tamm41	22.4769	22.0639	8	37.896	16.325	26	0.3054	1
G5E884;O88643 Non-specific serine/threonine prot	Pak1	27.3033	27.4016	26	60.607	323.31	403	0.469492	1
G5E895;D3Z494;Q Aldo-keto reductase family 1, mem	Akr1b10	24.687	24.4808	11	35.848	39.256	79	0.219586	1
Q8BKZ1;G5E8D5;Q Metabotropic glutamate receptor	Grm7	23.7751	23.9271	5	42.068	18.026	21	0.093924	1
G5E8H1 Glutamate receptor 2	Gria2	24.186	23.9778	46	98.76	8.5306	15	0.685581	1
G5E8J3;Q8K1X1;A0 WD repeat-containing protein 11	Wdr11	22.4598	22.1876	2	135.97	17.238	3	0.835461	1
G5E8R0;E9Q453;E5 Tropomyosin alpha-1 chain	Tpm1	23.101	24.7529	21	28.343	51.147	133	0.379628	1

G5E8R4;Q922D4	Serine/threonine-protein phosphatase 6	22.2729	22.0667	5	97.862	6.1786	20	0.75042	1
G5E8T9;Q99KB8;A	Hydroxyacylglutathione hydrolase, Hagh	23.8838	26.1811	12	34.103	88.288	158	0.330056	1
G5E924;Q3UMT7	Heterogeneous nuclear ribonucleoprotein A	27.3641	27.533	26	66.821	323.31	321	0.687375	1
Q3TQX8;Q3TDQ5;C	Autophagy-related protein 16-1	21.2133	20.5634	2	49.358	10.099	4	0.173858	1
H3BKW0;H3BJ30;H	Cleavage and polyadenylation specificity factor 6	21.6086	22.0524	2	21.248	12.729	11	0.730348	1
H3BJU7;H3BJX8;H3	Rho guanine nucleotide exchange factor 2	24.655	24.7196	24	108.59	70.783	76	0.710942	1
H3BJ97;Q99JR5;Q4	Tubulointerstitial nephritis antigen	22.4005	22.626	8	49.276	34.886	58	0.81464	1
Q3UUK5;H3BL28;Q	Neurabin I	25.8577	25.684	22	116.5	160.83	131	0.375293	1
H3BKH6;Q9R0P3;H	S-formylglutathione hydrolase	24.138	26.2055	12	32.829	119.6	282	0.283377	1
Q3TPT3;H6RXZ1;P4	Synaptotagmin-1	29.4286	29.5807	24	47.435	323.31	1403	0.513178	1
Z4YL87;H7BWY8;Q	Pre-rRNA-processing protein	21.063	21.2847	2	21.022	2.7744	8	0.675014	1
H7BX88;P47934	Carnitine O-acetyltransferase	21.7026	22.1063	9	68.644	20.556	23	0.289464	1
H7BX95;Q6PDM2	Serine/arginine-rich splicing factor	22.246	23.6679	10	28.329	32.787	83	0.305234	1
H9KV10;Q3U0D9;H	E3 ubiquitin-protein ligase HACE1	21.3833	21.2369	3	33.471	8.332	12	0.765299	1
I1E4X7;Q9JI46;H3B	Diphosphoinositol polyphosphate 3-kinase	26.6866	24.6206	7	17.828	89.122	168	0.388095	1
I3ITR1;Q9D924	Iron-sulfur cluster assembly 1 homolog	22.9724	21.6292	3	14.218	8.3341	15	0.273492	1
I7HFI3;Q811P8	Rho GTPase-activating protein 32	24.2232	24.1192	23	190.34	27.105	46	0.56132	1
J3QMM7;K3W4M4	ATP-dependent (S)-NAD(P)H-hydratase	25.2626	25.0978	13	35.169	72.655	153	0.375386	1
Q3UBP0;J3QN31;P	Adenylosuccinate synthetase isoform 1	21.7008	22.5545	8	50.254	12.877	22	0.191977	1
Q0VG47;J3QNY1;Q	Heterogeneous nuclear ribonucleoprotein A3	21.6388	23.1062	21	37.086	6.7579	11	0.383532	1
J3QP56;P97823;D3	Acyl-protein thioesterase 1	22.7048	22.1898	6	23.726	12.182	58	0.650438	1
J3QPZ8;Q4V9T8;Q	Eukaryotic translation initiation factor 1	21.3228	20.7754	3	12.1	5.2724	10	0.443033	1
K3W4Q8;O55108;C	Basigin	25.8114	25.8908	8	24.116	105.36	155	0.819957	1
K3W4R2;Q6URW6;	Myosin-14	22.5218	22.0967	21	228.56	13.556	16	0.677733	1
Q6NXX6;K3W4T3;C	V-type proton ATPase subunit a;V-ATPase	30.7394	30.7415	39	95.64	323.31	1432	0.993258	1
K4DI58;Q99N28	Cell adhesion molecule 3	27.2207	27.2553	14	46.692	268.73	256	0.816064	1
K4DI65;P60824;D3	Cold-inducible RNA-binding protein	22.1732	21.2062	3	18.111	3.2533	12	0.266215	1
K7Q751;P34152	Focal adhesion kinase 1	23.4012	23.3839	12	121.06	17.509	31	0.981236	1
Q9D859;K7Q7T7;P	Ras-related C3 botulinum toxin substrate 1	29.2649	28.3556	11	21.464	118.6	545	0.318685	1
Q3UDE9;K7QD41;C	Protein-tyrosine kinase 2-beta	25.879	25.8436	33	115.41	83.946	136	0.900773	1
Q3UUK3;K7XUH1;C	Sphingosine 1-phosphate receptor	22.0885	23.403	5	42.655	9.9125	20	0.385817	1
M0QWP1;Z4YK85;A	Agrin;Agrin N-terminal 110 kDa subunit	23.2615	23.0519	12	216.65	24.044	29	0.293726	1
Q9MD59;Q6QN84;	NADH-ubiquinone oxidoreductase	24.275	23.7196	3	38.752	11.743	11	0.548698	1

Q9MD82;Q7GIP3;C NADH-ubiquinone oxidoreductase	mt-Nd5;ND5;M	26.6042	26.646	9	68.474	241.57	99	0.90704	1
N0E4C0;P67871;N Casein kinase II subunit beta	Csnk2b;Csnk2b-	23.5311	25.0581	10	24.912	88.545	95	0.373076	1
Q3U3A8;O08529;Q Calpain-2 catalytic subunit	Capn2	24.2285	24.8181	26	79.799	75.28	114	0.444968	1
O08539;Q6P1B9 Myc box-dependent-interacting pr	Bin1	28.2006	28.1542	27	64.469	323.31	489	0.683721	1
O08547;E9Q6R3;Q Vesicle-trafficking protein SEC22b	Sec22b	24.0725	24.0522	9	24.74	28.331	64	0.945628	1
O08553 Dihydropyrimidinase-related prote	Dpysl2	32.8802	32.9559	38	62.277	323.31	5071	0.383845	1
O08576 RUN domain-containing protein 3A	Rundc3a	21.9681	22.9449	8	50.018	44.841	32	0.061997	1
O08582 GTP-binding protein 1	Gtpbp1	21.5162	21.3706	6	72.3	6.8373	15	0.139395	1
O08583;Q4KL64;G THO complex subunit 4;Aly/REF ex	Alyref;Alyref2;R	22.2159	23.9099	7	26.94	13.989	38	0.346611	1
O08599 Syntaxin-binding protein 1	Stxbp1	31.9578	31.9633	57	67.568	323.31	4293	0.983258	1
O08641 SH3 domain-containing YSC84-like	Sh3yl1	24.4376	25.1264	1	37.028	1.9653	13	0.830826	1
Q3U2P3;Q3TPL4;Q Calpain-5	Capn5	22.8786	23.1787	9	72.953	19.984	44	0.168641	1
O08749;Q3TIE8 Dihydrolipoyl dehydrogenase, mitc	Dld	29.2302	29.3395	24	54.272	323.31	1557	0.559482	1
Q5DTH1;O08759 Ubiquitin-protein ligase E3A	Ube3a	22.5845	22.9469	17	103.34	28.382	33	0.596933	1
Q3U518;Q3TWG2;G Glucosidase 2 subunit beta	Prkcsh	23.7628	23.9961	11	58.792	31.155	35	0.5043	1
O08807;B1AZS9 Peroxiredoxin-4	Prdx4	23.9645	24.8249	7	31.052	22.926	84	0.642965	1
Q80W12;Q3TJ75;O 60 kDa SS-A/Ro ribonucleoprotein	Trove2	23.0041	23.1222	8	60.171	24.273	36	0.883189	1
Q3UUF0;Q8C541;O Fatty-acid amide hydrolase 1	Faah	24.3223	24.2927	10	58.491	64.757	56	0.899442	1
O08915;D3YW40 AH receptor-interacting protein	Aip	22.2016	22.1769	10	37.605	26.001	22	0.967998	1
Q540I4;O08917;Q3 Flotillin-1	Flot1	26.1716	26.0458	23	47.513	307.17	297	0.815642	1
Q3UH86;O08919 Numb-like protein	Numb1	23.8467	24.0622	15	60.079	37.215	50	0.615556	1
Q3TPX5;O08989;D Ras-related protein M-Ras	Mras	23.1035	24.2108	9	23.901	79.928	44	0.369213	1
Q3TXC7;Q3TWV1;C Syntenin-1	Sdcbp	20.9905	22.1709	5	32.239	17.081	13	0.066596	1
Q6RI64;O09061 Proteasome subunit beta type;Pro	Psmb1	26.0289	24.5752	12	26.372	89.284	196	0.511642	1
Q4VBC9;O09111 NADH dehydrogenase [ubiquinone	Ndufb11	25.6315	25.9344	6	17.485	123.24	76	0.700849	1
O09114 Prostaglandin-H2 D-isomerase	Ptgds	23.3382	25.1132	8	21.066	40.681	86	0.341116	1
O09131 Glutathione S-transferase omega-1	Gsto1	23.4544	25.1188	14	27.497	53.373	103	0.360878	1
Q9CQM8;O09167;G 60S ribosomal protein L21	Rpl21	25.1711	24.0101	7	18.579	18.153	60	0.465154	1
Q4FJZ6;Q3T9P2;O0 Glutamate--cysteine ligase regulat	Gclm	22.3316	22.9837	7	30.534	10.89	31	0.338991	1
Q91YQ8;Q3TUS8;O Alpha-methylacyl-CoA racemase	Amacr	20.4841	20.7176	2	39.58	3.2399	5	0.7572	1
Q3V235;O35129;F Prohibitin-2	Phb2	26.8536	27.4969	16	33.296	256.41	491	0.355621	1
O35136 Neural cell adhesion molecule 2	Ncam2	28.1808	28.0164	26	93.203	191.82	364	0.465426	1
Q3UNI8;O35215;G D-dopachrome decarboxylase	Ddt;Gm20441	26.3747	24.493	8	13.077	138	173	0.468923	1

O35226;Q9CY29;Q 26S proteasome non-ATPase regul; Psmd4	22.8845	23.672	10	40.703	33.969	54	0.440469	1
Q2M4G8;O35239 Protein-tyrosine-phosphatase;Tyro Ptpn9	21.7954	21.7845	7	67.969	17.577	14	0.97434	1
Q69ZS4;Q3USE0;O Exocyst complex component 7 mKIAA1067;Exc	23.0223	23.4532	16	78.232	49.616	59	0.431059	1
Q3UKJ6;Q3TFE5;O Pre-mRNA-splicing factor ATP-depe Dhx15	22.4316	22.8272	11	91.006	24.646	44	0.668096	1
O35295 Transcriptional activator protein P Purb	25.4652	25.4444	13	33.901	153.97	140	0.87806	1
Q543M7;O35344;C Importin subunit alpha;Importin su Kpna3	23.6964	24.2052	14	57.772	143.15	75	0.419996	1
Q4FJZ2;Q8BH30;O Importin subunit alpha;Importin su Kpna6	22.6328	22.5122	11	59.602	29.537	22	0.92765	1
Q69ZD1;O35382;Q Exocyst complex component 4 Exoc4	24.2939	24.0355	19	110.77	40.074	70	0.665508	1
O35405 Phospholipase D3 Pld3	25.0651	25.082	12	54.388	66.537	100	0.97199	1
O35459;F7B227 Delta(3,5)-Delta(2,4)-dienoyl-CoA i Ech1	21.8889	23.0037	7	36.118	15.396	25	0.348985	1
Q5D0A4;Q497P1;O Syntaxin-1A Stx1a	28.3719	28.5472	19	32.923	323.31	884	0.68683	1
O35551;J3QJV7 Rab GTPase-binding effector protei Rabep1	24.7969	23.6165	8	99.523	5.5922	16	0.515546	1
O35593;Q9CSU2;Q 26S proteasome non-ATPase regul; Psmd14	24.9215	25.0403	11	34.577	68.609	93	0.649082	1
Q545Q8;O35621;Q Phosphomannomutase;Phosphom. Pmm1	22.8114	23.9884	10	29.774	34.782	60	0.421842	1
Q49S98;O35633 Vesicular inhibitory amino acid trar Slc32a1	26.8519	26.9392	18	57.38	102.23	178	0.745092	1
Q8C1X9;Q3U737;Q Annexin;Annexin A3 Anxa3	23.3515	23.4457	15	36.356	31.726	74	0.758054	1
Q0VE46;O35682 Myeloid-associated differentiation Myadm	23.0871	24.066	5	35.284	36.414	38	0.456001	1
O35685 Nuclear migration protein nudC Nudc	25.1306	25.361	18	38.358	51.276	89	0.626023	1
Q811L7;Q8C2Q7;O Heterogeneous nuclear ribonucleo Hnrnph1	26.6841	26.7406	12	49.199	322.61	322	0.899776	1
Q3UYQ4;O35841 Apoptosis inhibitor 5 Api5	22.8514	21.6123	7	59.046	34.824	12	0.241732	1
Q3ULU3;O35855;O Branched-chain-amino-acid aminot Bcat2	22.0993	22.3246	7	44.127	21.184	45	0.632777	1
Q8R3X4;O35857 Mitochondrial import inner membe Timm44	24.3744	26.1544	11	50.888	21.905	44	0.485747	1
O35864 COP9 signalosome complex subuni Cops5	24.5298	24.3887	16	37.548	54.999	163	0.431067	1
Q9ESU8;Q8BXT5;Q Amino acid transporter;Neutral am Slc1a4	26.1791	26.3365	8	56.031	169.54	174	0.638209	1
Q3TUF3;O35887;Q Calumenin Calu	22.3382	22.5727	9	37.063	20.725	31	0.748353	1
O35954 Membrane-associated phosphatidy Pitpnm1	25.9195	25.9542	26	134.94	87.518	158	0.771399	1
O54724 Polymerase I and transcript release Ptrf	21.5404	21.9673	9	43.953	41.784	49	0.561983	1
Q3UG68;Q3UC51;C Dolichyl-diphosphooligosaccharide Ddost	24.4298	24.5986	10	48.985	18.809	87	0.518487	1
O54774;Q3U237;Q AP-3 complex subunit delta-1 Ap3d1	27.6071	27.5287	42	135.08	210.21	392	0.507477	1
Q8BPF9;Q545V8;O Casein kinase II subunit alpha Csnk2a2	24.2895	24.3063	15	41.171	49.827	132	0.876559	1
Q3UTI4;O54865;Q Guanylate cyclase soluble subunit I Gucy1b3	24.7941	24.8781	21	69.005	49.326	140	0.468801	1
O54946;A0A0G2JEI DnaJ homolog subfamily B membe Dnajb6	22.7617	24.3842	8	39.807	29.774	71	0.270011	1
Q3TWR3;O54950;C 5-AMP-activated protein kinase sul Prkag1	21.7242	21.2406	6	37.52	6.8823	17	0.415199	1

Q3UPX0;O54983	Ketimine reductase mu-crystallin	Crym	27.8235	27.8573	16	33.523	323.31	436	0.866547	1
O54984;Q8VEI6;Q8	ATPase Asna1	Asna1	25.4832	25.4612	13	38.822	119.91	159	0.835651	1
O54991;Q3U428	Contactin-associated protein 1	Cntnap1	27.1492	27.0733	34	156.31	179.71	352	0.879482	1
Q3U9K9;O55013	Trafficking protein particle comple	Trappc3	24.7992	23.4822	7	20.302	15.806	63	0.375085	1
Q3TFP8;Q3TXU8;Q	Membrane-associated progesteror	Pgrmc1	24.0927	25.5326	10	19.746	46.992	115	0.348227	1
Q921R1;Q3T9U8;O	Ectonucleoside triphosphate dipho	Entpd2	23.8983	23.8157	10	54.319	33.251	43	0.81136	1
Q3UCB5;Q3UC13;C	[3-methyl-2-oxobutanoate dehydr	Bckdk	21.4994	20.6855	5	46.587	8.7646	17	0.408614	1
O55029	Coatomer subunit beta	Copb2	24.5381	24.2137	17	102.45	49.157	43	0.086295	1
Q8BQ28;O55033	Cytoplasmic protein NCK2	Nck2	21.727	21.5221	7	42.862	14.208	31	0.674283	1
O55042	Alpha-synuclein	Snca	30.3557	27.7624	15	14.485	323.31	541	0.333549	1
O55074;Q7TN79;Q	A-kinase anchor protein 7 isoform	Akap7	22.0436	20.8834	5	9.169	6.3221	11	0.311169	1
O55091	Protein IMPACT	Impact	24.4357	24.1894	16	36.276	83.193	100	0.67614	1
Q3U6D7;O55100	Synaptogyrin-1	Syngr1	26.9577	27.0875	3	21.294	71.246	208	0.801375	1
O55106;F8WH41;C	Striatin	Strn	23.8349	23.8058	15	85.965	36.43	56	0.965472	1
Q3UQS9;Q14BI5;O	Myomesin 2	Myom2	23.8938	22.8597	2	164.78	1.8715	18	0.712577	1
Q5SVF7;O55125;Q	Protein NipSnap homolog 1	Nipsnap1	24.9341	27.493	18	33.363	280.12	413	0.364434	1
Q8BQV7;Q6ZWX1;C	60S ribosomal protein L35a	Rpl35a	24.2333	22.0527	7	12.563	6.679	28	0.222193	1
Q5DTI2;O55143;O	Sarcoplasmic/endoplasmic reticulu	Atp2a2	29.9408	29.8725	54	116.6	323.31	1229	0.831439	1
O55222	Integrin-linked protein kinase	Ilk	21.0424	21.4868	7	51.373	11.883	17	0.212582	1
O55234;Q8BTY5	Proteasome subunit beta type-5	Psmb5	27.055	24.2779	16	28.532	76.022	249	0.211754	1
Q9CZS7;Q544E3;O	Phosphatidylinositol 5-phosphate	Pip4k2a	23.418	23.2486	17	46.09	38.925	65	0.61485	1
O70194	Eukaryotic translation initiation fac	Eif3d	22.3843	22.4059	8	63.988	26.812	16	0.982804	1
Q5NCI4;O70250	Phosphoglycerate mutase 2	Pgam2	21.1035	23.1454	10	28.827	7.2647	31	0.106718	1
O70251;A0A087W	Elongation factor 1-beta	Eef1b;Eef1b2	23.2565	25.0006	6	24.693	69.474	145	0.387255	1
Q544R7;Q3U6W4;C	Heme oxygenase 2	Hmox2	23.7724	24.109	13	35.738	102.16	87	0.534228	1
O70274;Q3UXF9	Protein tyrosine phosphatase type	Ptp4a2	23.7227	22.6324	4	19.127	10.013	28	0.309128	1
Q3UJC3;O70310	Glycylpeptide N-tetradecanoyltran	Nmt1	25.0792	25.0887	17	56.888	64.779	86	0.954968	1
Q8R3X0;O70349;Q	6NZR5;Q3TW36;G3UYT1;Q8CDP6	Skiv2l;SKI	21.0259	20.8835	2	88.133	4.1641	4	0.132365	1
Q3TPU5;O70378;V	ER membrane protein complex sub	Emc8	21.8721	21.0466	6	23.348	7.6124	11	0.240051	1
Q9DCD8;Q58EV4;C	Proteasome subunit alpha type	Prs	24.3132	25.9234	11	28.49	65.962	134	0.366252	1
Q8BH40;O70439;Q	Syntaxin-7	Stx7	23.8597	24.8719	10	29.736	159.69	68	0.195452	1
Q542R8;O70443;Q	Guanine nucleotide-binding protei	Gnaz	26.1083	26.2004	19	40.849	161.15	361	0.11499	1
O70456;Q9JJ20	14-3-3 protein sigma	Sfn	25.5819	24.8654	6	27.706	3.053	28	0.849262	1

Q8BSN6;O70480;A Vesicle-associated membrane prot	Vamp4	22.2152	21.6214	3	16.358	8.3235	12	0.136005	1
Q0VGQ1;O70503	Very-long-chain 3-oxoacyl-CoA red Hsd17b12	21.8492	23.4515	13	34.741	25.169	39	0.277034	1
O70569;P62264;D3	40S ribosomal protein S14 rps14;Rps14	25.5938	23.6956	9	16.301	67.206	119	0.426532	1
O70591;F8WJ30	Prefoldin subunit 2 Pfdn2	22.7865	20.8377	5	16.534	9.2551	20	0.119647	1
O88307;Q3U2X9	Sortilin-related receptor Sorl1	23.0733	22.7528	10	247.08	10.912	12	0.503717	1
Q8R5G0;Q8CFA3;Q	Nidogen-2 Nid2;NID-2	23.81	23.049	11	153.94	25.776	39	0.140042	1
Q3TJY2;O88342;Q3	WD repeat-containing protein 1 Wdr1	29.0516	29.135	34	66.406	323.31	911	0.606344	1
Q3TI40;O88441;Q8	Metaxin-2 Mtx2	23.8269	25.4972	11	29.786	152.55	164	0.459032	1
O88444;Q5DTQ1	Adenylate cyclase type 1 Adcy1	21.9622	21.889	6	123.37	8.906	12	0.937231	1
O88485;D3Z0M6;D	Cytoplasmic dynein 1 intermediate Dync1i1	25.6997	25.7916	20	70.724	170.78	180	0.582987	1
Q3TEL0;Q3UB92;Q	Palmitoyl-protein thioesterase 1 Ppt1	24.5854	24.7131	10	34.154	116.16	175	0.805449	1
Q3UQL2;O88543;Q	COP9 signalosome complex subuni Cops3	24.3529	24.218	11	47.832	82.776	144	0.821989	1
Q14AI7;O88544;Q3	COP9 signalosome complex subuni Cops4	26.2366	26.2161	25	46.284	248.47	250	0.85904	1
O88569;B7ZP22	Heterogeneous nuclear ribonucleo Hnrnpa2b1	28.8298	28.8184	24	37.402	323.31	665	0.971749	1
O88587	Catechol O-methyltransferase Comt	22.0378	22.6685	5	29.486	9.2473	27	0.501318	1
Q3U8Y7;Q3TKG4;C	26S protease regulatory subunit 6A Psmc3	24.7606	24.905	21	47.338	105.26	176	0.388392	1
Q8CF81;Q3UGW4;C	ATP-dependent Clp protease prote Clpp	21.9428	23.5808	5	20.503	18.849	38	0.237567	1
O88704	Potassium/sodium hyperpolarizati Hcn1	23.0679	23.079	10	102.43	10.61	19	0.993778	1
O88712;A0A0J9YU	C-terminal-binding protein 1 Ctbp1	27.1102	27.1293	17	47.744	323.31	400	0.932602	1
O88737	Protein bassoon Bsn	30.048	29.9435	121	418.84	323.31	1405	0.706827	1
S4R1L5;S4R2P8;O8	Baculoviral IAP repeat-containing p Birc6	21.5532	22.1616	6	529.32	8.0158	9	0.390436	1
Q3UEX4;O88741;Q	Ganglioside-induced differentiator Gdap1	24.9755	25.1609	13	41.284	153.39	140	0.771852	1
Q561M4;Q3UDC3;C	Target of Myb protein 1 Tom1	23.8711	23.7711	14	54.325	134.25	87	0.837213	1
O88783	Coagulation factor V;Coagulation fa F5	23.8208	23.4336	1	247.23	2.3527	26	0.867739	1
Q5HZJ8;Q8C338;O8	Isocitrate dehydrogenase [NADP];I Idh1	26.6925	26.7354	26	46.674	323.31	407	0.724921	1
O88845	A-kinase anchor protein 10, mitoch Akap10	21.1274	21.19	6	73.631	11.186	11	0.895368	1
Q8VCV3;Q3TUM2;C	ADP-ribosylation factor-like proteir Arl6	21.3368	20.672	4	21.001	4.9567	8	0.00763	1
O88935	Synapsin-1 Syn1	31.547	31.5604	35	74.096	323.31	3685	0.868008	1
O88951	Protein lin-7 homolog B Lin7b	22.5462	22.3787	8	22.914	11.622	28	0.829607	1
Q3TTY6;O88952;Q3	Protein lin-7 homolog C Lin7c	21.1871	20.8053	7	21.447	4.5825	12	0.71762	1
O88958;Q6A0D9;Q	Glucosamine-6-phosphate isomera Gnpda1	22.9156	23.9004	12	32.549	32.853	87	0.328119	1
Q9CZ08;O88986;E9	2-amino-3-ketobutyrate coenzyme Gcat	22.2625	22.4842	4	44.904	47.361	23	0.793331	1
Q8R357;O88998;A3	Noelin Olfm1	23.7812	23.5853	7	55.427	31.125	41	0.734129	1

O89001	Carboxypeptidase D	Cpd	23.435	23.0141	8	152.4	14.365	12	0.670835	1
Q8BNF3;Q3U2Z6;Q	Tripeptidyl-peptidase 1	Tpp1	24.9381	25.163	4	34.522	185.34	64	0.645064	1
Q9JME4;Q9D1Q3;C	Integral membrane protein 2B;BRI	Itm2b	21.3501	21.5459	4	24.164	6.8024	13	0.843135	1
Q3U232;Q3U1N0;C	Coronin;Coronin-1A	Coro1a	28.9557	28.8807	23	50.959	323.31	629	0.764314	1
O89079;D3Z315;Q	Coatomer subunit epsilon	Cope	20.8029	21.7526	6	34.567	8.037	15	0.102688	1
Q545K5;O89086;Q	RNA-binding protein 3	Rbm3	21.4513	21.7124	3	16.604	10.36	16	0.820947	1
O89112;B2KGR2	LanC-like protein 1	Lancl1	25.3655	25.5168	13	45.341	119.96	186	0.4784	1
Q5FWJ7;O89116	Vesicle transport through interacti	Vti1a	20.9123	22.7401	3	25.868	10.022	17	0.132111	1
Q9MD68;Q70YN3;I	Cytochrome c oxidase subunit 1	mt-Co1;COI;Mtr	26.4144	26.4065	5	56.909	120.85	124	0.984863	1
Q99KF5;P00493	Hypoxanthine-guanine phosphorib	Hprt;Hprt1	25.0015	26.9853	14	24.544	71.985	342	0.413846	1
Q7JCY9;Q3V2U3;Q	ATP synthase subunit a	mt-Atp6;Mtatp	22.5402	22.4234	2	25.095	3.0838	8	0.939975	1
P00920	Carbonic anhydrase 2	Ca2	25.688	28.1619	13	29.032	156.07	429	0.317775	1
Q53YX2;P01831	Thy-1 membrane glycoprotein	Thy1	29.5762	29.8899	7	18.108	223.84	788	0.718674	1
P02463;A0A1B0GR	Collagen alpha-1(IV) chain;Arrester	Col4a1	23.5641	23.2284	5	160.68	42.037	24	0.833772	1
P03995	Glial fibrillary acidic protein	Gfap	28.7631	28.9077	35	49.899	323.31	817	0.780919	1
P04627;B1AUN8;Q	Serine/threonine-protein kinase A-	Araf	21.7072	21.2508	7	67.581	5.2072	18	0.114884	1
Q53ZN9;Q3U065;Q	Anion exchange protein;Band 3 ani	Slc4a1	23.2201	23.8034	10	103.13	23.395	49	0.283599	1
Q9QYT9;Q4FJQ7;Q	Major prion protein	Prnpb;Prnp	22.6745	24.3482	7	28.009	15.131	59	0.290715	1
P05063	Fructose-bisphosphate aldolase C	Aldoc	29.7841	29.8189	34	39.394	323.31	1609	0.723706	1
Q5FWB7;P05064;A	Fructose-bisphosphate aldolase;Fri	Aldoa;Aldoart1	32.0904	32.0181	36	39.355	323.31	3404	0.607788	1
P05132	cAMP-dependent protein kinase ca	Prkaca	24.7971	24.7775	22	40.57	147.68	162	0.912106	1
P05201	Aspartate aminotransferase, cytop	Got1	30.2709	30.2954	32	46.247	323.31	1450	0.74964	1
P05202	Aspartate aminotransferase, mitoc	Got2	31.1999	31.2549	34	47.411	323.31	2166	0.042561	1
P05213;Q99KA2	Tubulin alpha-1B chain	Tuba1b	29.9602	29.8356	36	50.151	290.8	2609	0.782395	1
P05532	Mast/stem cell growth factor receç	Kit	21.6606	21.2698	3	109.34	2.5532	5	0.426609	1
Q564E2;P06151;Q	L-lactate dehydrogenase;L-lactate	Ldha	30.3298	30.606	26	36.498	323.31	1444	0.475827	1
Q9DBN0;P06728;Q	Apolipoprotein A-IV	Apoa4	21.5071	20.7949	5	45.043	7.3726	9	0.095779	1
P06745;B7ZWL9;B	Glucose-6-phosphate isomerase	Gpi;Gpi1	30.941	30.7557	33	62.766	323.31	2028	0.612048	1
P06801;Q3TQP6;Q	NADP-dependent malic enzyme;Mi	Me1	25.6418	25.5787	23	63.953	285.21	172	0.684408	1
P06837	Neuromodulin	Gap43	27.2955	27.7971	14	23.632	323.31	258	0.16424	1
Q542G9;P07356;Q	Annexin;Annexin A2	Anxa2	24.1127	23.8124	19	38.676	166.13	137	0.587116	1
Q546G4;P07724	Serum albumin	Alb	30.1974	30.2712	48	68.692	323.31	1653	0.772338	1
Q80Y52;P07901;Q	Heat shock protein HSP 90-alpha	Hsp90aa1	31.1211	31.2003	59	84.787	323.31	2936	0.77821	1

P08030	Adenine phosphoribosyltransferase	Aprt	22.7649	22.3721	6	19.724	50.299	35	0.85813	1
Q91V38;Q3UAD6;P	Endoplasmic reticulum chaperone	Hsp90b1	27.9013	27.9839	40	92.489	323.31	507	0.836267	1
Q6GTX3;Q4FK40;Q	Apolipoprotein E	ApoE	27.0355	27.7309	20	35.852	323.31	409	0.277205	1
P08228	Superoxide dismutase [Cu-Zn]	Sod1	28.406	25.6177	10	15.942	92.871	232	0.396197	1
P08249	Malate dehydrogenase, mitochondrial	Mdh2	31.6046	31.4359	21	35.611	323.31	2293	0.420585	1
Q8BGR3;P08414	Calcium/calmodulin-dependent protein kinase	Camk4	24.3665	24.4494	15	52.542	84.266	74	0.587348	1
Q05DD2;P08551	Neurofilament light polypeptide	Nefl	27.2135	27.1877	38	57.825	323.31	492	0.96265	1
P08752;A0A0A6YW	Guanine nucleotide-binding protein	Gnai2	26.2561	26.2647	23	40.489	192.69	278	0.975563	1
P09055	Integrin beta-1	Itgb1	23.1085	22.7265	6	88.231	14.76	22	0.558286	1
Q3UDR2;Q3TWE3;P	Protein disulfide-isomerase	P4hb	26.9861	27.0995	27	56.6	319.76	360	0.240168	1
Q8CD23;Q3TL52;P	Nucleolin	Ncl	25.851	25.9814	23	76.864	159.37	204	0.507665	1
P09411;S4R2M7	Phosphoglycerate kinase 1;Phosphoglycerate kinase	Pgk1	30.3926	30.4755	35	44.55	323.31	1675	0.629577	1
P09528	Ferritin heavy chain;Ferritin heavy chain	Fth1	27.5459	27.1831	13	21.066	61.972	260	0.279457	1
Q4FJX9;P09671;Q3	Superoxide dismutase;Superoxide dismutase	Sod2	28.8813	26.0228	13	24.603	323.31	407	0.33944	1
P0C028;P0C027	Diphosphoinositol polyphosphate 3-kinase	Nudt11;Nudt10	23.7273	22.5669	7	18.593	13.137	32	0.499969	1
P0C192;D3YZP3;D3	Leucine-rich repeat-containing protein	Lrrc4b	22.5937	22.1322	7	76.155	6.1121	11	0.162557	1
Q58E64;Q3UA81;P	Elongation factor 1-alpha;Elongation factor 1-alpha	Eef1a1	31.4552	31.3504	22	50.113	323.31	1952	0.718421	1
P10493	Nidogen-1	Nid1	23.2763	23.9133	8	136.54	15.001	30	0.565295	1
Q9DD05;P10518;Q	Delta-aminolevulinic acid dehydratase	Alad	24.8657	24.8342	16	36.039	88.409	110	0.602071	1
Q3TVS6;P10605;Q3	Cathepsin B;Cathepsin B light chain	Ctsb	25.5143	27.1215	12	37.319	115.99	223	0.298005	1
Q52KC1;P10630;Q3	Eukaryotic initiation factor 4A-II;Eukaryotic initiation factor 4A-II	Eif4a2	27.5065	27.4616	23	46.402	323.31	459	0.90746	1
P10639	Thioredoxin	Txn	24.4124	23.5989	5	11.675	10.963	59	0.498615	1
P10649;A2AE89;F6	Glutathione S-transferase Mu 1	Gstm1	27.3207	30.1648	22	25.97	302.15	826	0.369439	1
Q3UWX7;P10711;C	Transcription elongation factor A p	Tcea1	21.0296	21.2485	8	33.88	21.109	13	0.647446	1
P10852;Q3TN39;Q3	4F2 cell-surface antigen heavy chain	Slc3a2	28.4181	28.5304	23	58.336	323.31	665	0.09221	1
Q8C1Y3;Q3U4Y0;P	Histone H1.0;Histone H1.0, N-term	H1f0	23.0799	24.7031	6	19.253	17.771	41	0.270335	1
P11031	Activated RNA polymerase II transcription factor	Sub1	26.1005	23.3116	7	14.427	32.722	125	0.310041	1
P11352;A0A0A6YY	Glutathione peroxidase 1;Glutathione peroxidase 1	Gpx1	22.8528	22.4555	7	22.329	14.124	77	0.823005	1
Q5EBJ0;P11404;A0	Fatty acid-binding protein, heart	Fabp3	26.4242	25.0811	9	14.819	41.558	169	0.53457	1
Q8VH34;Q3TX84;Q	Lysosome-associated membrane glycoprotein	Lamp1	20.6287	22.5774	4	43.879	8.3332	6	0.11561	1
Q71LX8;P11499	Heat shock protein HSP 90-beta	Hsp90ab1	30.4014	30.4624	57	83.28	323.31	1859	0.80694	1
P11798;Q80TN1;F8	Calcium/calmodulin-dependent protein kinase	Camk2a	31.795	31.8302	33	54.114	323.31	3379	0.902559	1
P11881	Inositol 1,4,5-trisphosphate receptor	Itpr1	27.7965	27.822	82	313.16	323.31	507	0.870977	1

P11983	T-complex protein 1 subunit alpha	Tcp1	28.1586	28.1623	30	60.448	323.31	418	0.975943	1
P12382;Q8CD98	ATP-dependent 6-phosphofructoki	Pfkl	28.0137	28.1643	30	85.359	323.31	701	0.264137	1
P12657	Muscarinic acetylcholine receptor I	Chrm1	21.9343	22.2186	3	51.378	10.44	13	0.753585	1
P12658;Q8CEF3;Q8	Calbindin	Calb1	24.6418	26.2581	14	29.994	184.07	115	0.38567	1
P12787	Cytochrome c oxidase subunit 5A, i	Cox5a	25.5523	24.4427	7	16.101	134.48	123	0.57437	1
P12815;Q8C5M4;Q	Programmed cell death protein 6	Pdcd6	24.9127	23.3581	8	21.867	14.687	107	0.356033	1
P12849;Q3TY04;Q5	cAMP-dependent protein kinase ty	Prkar1b	24.6901	24.8545	13	43.224	79.421	119	0.49435	1
P12960	Contactin-1	Cntn1	30.5687	30.7026	50	113.39	323.31	1616	0.244567	1
Q6P1A9;Q5EBG5;Q	60S ribosomal protein L7a	Rpl7a	23.1514	26.0067	16	30.024	106.19	112	0.22191	1
P13595	Neural cell adhesion molecule 1	Ncam1	27.939	28.0834	37	119.43	10.278	79	0.535213	1
P13634	Carbonic anhydrase 1	Ca1	22.3375	23.4571	10	28.33	23.573	29	0.286811	1
Q545P0;P14094;Q5	Sodium/potassium-transporting AT	Atp1b1	31.5419	31.6518	18	35.194	323.31	1524	0.542424	1
Q3U6I5;P14106;Q3	Complement C1q subcomponent s	C1qb	21.2586	21.9396	3	26.751	5.2413	16	0.38282	1
P14115	60S ribosomal protein L27a	Rpl27a	25.8664	23.868	5	16.605	13.268	117	0.393183	1
Q5M9N8;Q3UBI6;F	60S ribosomal protein L7	Rpl7	24.9023	25.8625	14	31.419	59.208	95	0.050864	1
P14152	Malate dehydrogenase, cytoplasmic	Mdh1	30.0627	30.5676	21	36.511	323.31	1246	0.326555	1
Q3UR55;P14231	Sodium/potassium-transporting AT	Atp1b2	27.7268	27.7135	13	33.344	179.24	317	0.979007	1
Q545F4;P14602;D3	Heat shock protein beta-1	Hspb1	21.3555	23.1374	8	23.014	10.781	20	0.203235	1
Q3ULJ5;P14685;Q8	26S proteasome non-ATPase regul	Psmd3	25.1131	25.1701	22	60.714	104.99	151	0.735634	1
P14733	Lamin-B1	Lmnb1	25.7095	25.6058	27	66.785	119.87	110	0.800296	1
Q5M8R8;P14869;Q	60S acidic ribosomal protein P0	Rplp0	25.636	25.519	16	34.216	99.097	195	0.663407	1
P15105	Glutamine synthetase	Glul	30.3521	30.4305	23	42.119	323.31	1544	0.267592	1
P15209	BDNF/NT-3 growth factors recepto	Ntrk2	25.8461	25.9543	17	92.132	176.09	123	0.66327	1
Q3TAQ8;P15327	Bisphosphoglycerate mutase	Bpgm	20.8031	21.9612	3	30.077	15.183	14	0.114049	1
Q3UHB6;P15388;Q	Potassium voltage-gated channel s	Kcnc1	22.2643	22.4189	5	57.928	3.1683	6	0.871463	1
Q5NC81;P15532;Q	Nucleoside diphosphate kinase;Nu	Nme1	29.8746	26.9282	16	17.208	308.86	790	0.357847	1
P15626;D3YX76	Glutathione S-transferase Mu 2	Gstm2	20.3363	21.4176	11	25.716	3.0607	13	0.164928	1
Q5SZA3;P15864	Histone H1.2	Hist1h1c	25.0215	26.0291	8	21.266	23.099	93	0.250967	1
P16045	Galectin-1	Lgals1	23.3877	22.5759	7	14.866	29.919	38	0.534664	1
P16054	Protein kinase C epsilon type	Prkce	25.8813	26.1201	30	83.56	126.34	219	0.187111	1
P16125;D3Z7F0	L-lactate dehydrogenase B chain;L-	Ldhb	30.6376	30.5064	24	36.572	323.31	1653	0.527775	1
Q3TYV5;P16330;Q5	2,3-cyclic-nucleotide 3-phosphodie	Cnp	29.2791	29.4135	33	47.123	323.31	1066	0.866088	1
Q8VED0;P16332	Methylmalonyl-CoA mutase, mitoc	Mut	23.9967	24.0611	12	82.817	73.29	45	0.816298	1

Q3TZ64;Q2KHP0;P: Potassium voltage-gated channel s Kcna1	21.7381	22.5436	10	40.385	8.0584	20	0.548916	1
Q3UJ34;P16460;Q: Argininosuccinate synthase Ass1;Gm5424	25.5579	25.3892	24	46.584	123.23	196	0.765069	1
Q9CZU7;Q8C876;Q: Lysosome-associated membrane gl Lamp2	20.4993	20.8763	3	45.673	2.0933	14	0.627396	1
Q3TE85;Q566K0;P1 High mobility group protein HMG-I Hmga1	21.9951	20.9578	2	11.485	7.8131	5	0.330665	1
Q5FW97;P17182;Q Alpha-enolase EG433182;Eno1	32.1469	32.2035	32	47.14	323.31	6256	0.826639	1
Q545V3;Q3UJ20;P1 Gamma-enolase;Enolase Eno2	30.5198	30.5395	25	47.296	323.31	2714	0.868973	1
P17426 AP-2 complex subunit alpha-1 Ap2a1	30.8366	30.777	58	107.66	323.31	2073	0.90123	1
Q6PEE6;Q69ZW4;P AP-2 complex subunit alpha-2 Ap2a2	30.0706	30.0303	52	104	323.31	1383	0.872033	1
P17563;Q63836;AC Selenium-binding protein 1;Seleniu Selenbp1;Seleni	24.4892	24.5418	18	52.513	57.27	112	0.881723	1
Q5SVY2;Q3UAI1;Q: Peptidyl-prolyl cis-trans isomerase;Ppia	31.3419	27.7598	13	17.971	323.31	1363	0.370149	1
P17751;H7BXC3 Triosephosphate isomerase Tpi1	28.3492	30.8777	20	32.191	323.31	1264	0.398598	1
Q3TD17;P17809;Q: Solute carrier family 2, facilitated g Slc2a1	24.7037	24.7231	6	53.985	65.78	147	0.910227	1
P17879;A1E2B8 Heat shock 70 kDa protein 1B Hspa1b	25.3892	25.4294	29	70.175	182.22	149	0.681184	1
Q544Y7;P18760;F8 Cofilin-1 Cfl1	31.6084	27.914	21	18.559	323.31	1325	0.379925	1
Q543S2;P18872;D3 Guanine nucleotide-binding protein Gnao1	31.2427	31.1795	26	40.084	323.31	2564	0.792427	1
P19096;AOAOU1RN Fatty acid synthase;[Acyl-carrier-pr Fasn	29.8253	29.7412	109	272.43	323.31	1208	0.499646	1
P19157;K9JA74;P4: Glutathione S-transferase P 1;Gluta Gstp1;Gstp2	28.2121	25.5969	9	23.609	323.31	508	0.400283	1
Q80TQ3;P19246 Neurofilament heavy polypeptide Nefh	26.283	26.7095	25	112.54	156.26	143	0.539737	1
Q5M9M0;P19253;P: 60S ribosomal protein L13a Rpl13a	24.1558	23.8599	6	23.464	10.177	53	0.186976	1
Q8BVU9;Q8BV87;C Serpin H1 Serpinh1	21.2255	21.3723	5	46.51	40.206	13	0.758662	1
Q9D881;P19536 Cytochrome c oxidase subunit 5B, l Cox5b	26.4841	24.2697	7	13.847	38.865	134	0.479575	1
Q3U9G2;P20029;Q: 78 kDa glucose-regulated protein Hspa5	28.3212	28.3695	37	72.405	323.31	797	0.499418	1
Q3TXR9;P20060 Beta-hexosaminidase;Beta-hexosa Hexb	25.0182	25.1377	20	61.115	95.159	144	0.628596	1
P20108;Q8K4K8 Thioredoxin-dependent peroxide reductase Prdx3	26.2933	24.5656	9	28.127	154.81	327	0.542089	1
Q5FWJ3;Q3U6S1;P Vimentin Vim	27.1776	26.7477	37	53.687	323.31	478	0.143656	1
P20357;Q3URJ7 Microtubule-associated protein 2 Map2	31.8799	31.7554	108	199.13	323.31	3520	0.650617	1
Q91V47;Q3UK94;Q Ubiquitin-like protein 4A DXS254E;Ubl4;l	23.5946	21.9286	8	17.228	10.519	28	0.226798	1
Q3UPA1;P21278;Q Guanine nucleotide-binding protein Gna11	25.5948	25.6513	20	42.024	112.14	178	0.705013	1
Q3UHH5;P21279 Guanine nucleotide-binding protein Gnaq	27.3725	27.4297	24	42.158	323.31	517	0.445498	1
P21447 Multidrug resistance protein 1A Abcb1a	23.91	24.4703	12	140.64	121.13	28	0.536164	1
Q3U5K7;Q9EPX9;P: Cystatin-C Cst3	24.926	23.4909	7	15.217	44.432	75	0.478519	1
P21619;AOAOR4J0C Lamin-B2 Lmnb2	25.4601	25.4583	27	67.317	104.91	116	0.996205	1
P21981 Protein-glutamine gamma-glutamyl transferase Tgm2	22.258	22.3776	13	77.06	12.465	17	0.836298	1

Q8C3V7;Q544X6;Q Ferrochelatase;Ferrochelatase, mit Fe		24.2054	23.9477	14	46.746	87.478	69	0.641991	1	
P22599	Alpha-1-antitrypsin 1-2	Serpina1b	22.8175	22.6894	15	45.974	19.275	15	0.895852	1
Q8CBB7;Q3UKX8;P AP-1 complex subunit gamma-1	Ap1g1		26.2676	26.257	26	91.721	153.37	209	0.902423	1
Q3UPG1;Q3UBC6;C Porphobilinogen deaminase	Hmbs		21.1339	21.0633	3	37.78	8.3748	17	0.947913	1
P23116;Q3UL99;Q Eukaryotic translation initiation fac	Eif3a		26.5945	26.6341	40	161.93	139.28	203	0.865253	1
P23242;Q7TMQ1	Gap junction alpha-1 protein;Gap j	Gja1	27.2812	27.1242	13	43.004	141.96	134	0.854328	1
Q543K9;P23492	Purine nucleoside phosphorylase	Pnp	22.5578	24.0571	13	32.263	62.551	102	0.243703	1
Q5HZI6;P23591	GDP-L-fucose synthase	Tsta3	21.0227	21.2019	3	35.877	7.7189	10	0.510436	1
Q52L78;P23927	Alpha-crystallin B chain	Cryab	23.3292	22.2734	6	20.069	9.7972	17	0.262266	1
Q3TJN1;Q9CXX6;Q Branched-chain-amino-acid aminot	Bcat1		24.1332	24.3657	10	42.791	67.377	93	0.658243	1
Q9DCY1;P24369	Peptidyl-prolyl cis-trans isomerase;Ppib		26.6229	24.8134	15	23.713	57.13	177	0.387508	1
P24472	Glutathione S-transferase A4	Gsta4	25.4061	24.8213	10	25.564	73.589	161	0.738075	1
P24527	Leukotriene A-4 hydrolase	Lta4h	26.6051	26.5729	32	69.05	234.23	276	0.916607	1
Q3UAT9;Q3U9N8;F Inosine-5-monophosphate dehydr	Impdh2		22.2651	21.5132	10	55.814	27.738	26	0.463225	1
P24549;B2RTL5;O3 Retinal dehydrogenase 1;Aldehyde	Aldh1a1;Aldh1a		21.601	20.8092	8	54.467	26.563	18	0.294939	1
Q3UKQ5;Q3UF03;P Cation-dependent mannose-6-ph	M6pr		23.8714	23.8401	7	31.172	49.052	50	0.794614	1
Q58EU3;Q3TXS9;P 40S ribosomal protein S2	Rps2;Gm18025		24.3563	26.0889	14	31.231	32.339	179	0.235185	1
Q80TM2;P26039;Q Talin-1	Tln1		26.4389	26.2244	52	272.13	188.32	130	0.375295	1
Q4KML7;Q3UXR4;C Ezrin	Ezr		25.5738	25.5461	26	69.406	112.14	100	0.920115	1
P26041;Q3TZQ2;Q Moesin	Msn		26.1863	26.3165	27	67.766	97.05	216	0.233694	1
Q3TH46;Q3U111;P Radixin	Rdx		24.0696	24.0061	21	76.852	36.431	56	0.791655	1
Q545R0;P26231;Q Catenin alpha-1	Ctnna1		23.2611	22.8775	23	100.11	178.75	41	0.870449	1
Q3U6E4;Q0VGU2;F Prothymosin alpha;Prothymosin al	Ptma;Gm12504		23.3537	21.6336	3	12.325	12.907	10	0.259643	1
Q505Q1;Q80XR5;P Splicing factor U2AF 65 kDa subuni	U2af2		23.8219	23.8926	10	44.472	59.833	66	0.684476	1
P26443;Q3TSQ7	Glutamate dehydrogenase 1, mito	Glud1	30.0406	30.0438	32	61.336	323.31	1988	0.977925	1
Q3U6F6;P26638;Q Serine--tRNA ligase, cytoplasmic	Sars		27.2033	27.206	23	58.358	304.37	411	0.978755	1
P26883;Q3ULN5	Peptidyl-prolyl cis-trans isomerase	Fkbp1a	26.3722	24.3401	6	11.922	91.274	128	0.451016	1
Q3UN87;P27048;P Small nuclear ribonucleoprotein-as	Snrpn;Snrpb		22.0376	23.6674	7	24.614	15.443	63	0.239302	1
P27546;A0A140T81	Microtubule-associated protein 4	Map4	25.7713	25.6396	17	117.43	45.551	87	0.719065	1
P27601;Q3UE40;Q Guanine nucleotide-binding protei	Gna13		24.1369	24.4797	18	44.054	87.466	122	0.66575	1
P27612	Phospholipase A-2-activating prote	Plaa	23.4201	22.9977	11	87.22	19.69	35	0.081152	1
Q3UB90;Q3UB67;C 60S ribosomal protein L3	Rpl3		26.0501	26.163	14	46.079	82.366	191	0.893724	1
P27773	Protein disulfide-isomerase A3	Pdia3	28.5881	28.6018	33	56.678	323.31	651	0.860751	1

P28028;F6SZ47	Serine/threonine-protein kinase B- Braf	23.4211	23.1154	12	88.779	36.358	37	0.096658	1
Q8VDC3;P28271	Aconitate hydratase;Cytoplasmic a aco1;Aco1	24.9458	24.8834	18	99.102	62.5	87	0.83647	1
Q544Z7;P28352;F6	DNA-(apurinic or apyrimidinic site) Apex1	23.1726	23.0917	9	35.49	25.472	54	0.732105	1
Q6P5I3;P28474	S-(hydroxymethyl)glutathione dehyd Adh5	25.9238	25.7619	15	39.547	65.745	182	0.418509	1
P28571;E9Q517;E9	Sodium- and chloride-dependent g Slc6a9	22.958	22.3219	5	76.543	10.208	23	0.507841	1
Q5SVJ0;P28652;Q5	Calcium/calmodulin-dependent protein Camk2b	29.2841	29.2473	28	72.902	323.31	1010	0.765167	1
Q3TKP3;Q3TCF4;P2	Ataxin-10 Atxn10	23.3616	23.6114	15	53.71	50.911	76	0.765867	1
P28661;Q5ND09;Q	Septin-4 Sep-04	24.185	24.4624	18	54.935	68.348	95	0.645936	1
P28663	Beta-soluble NSF attachment protein Napb	25.7784	28.6687	28	33.557	323.31	922	0.276469	1
P28665	Murinoglobulin-1 Mug1	24.8929	25.1223	22	165.3	80.159	81	0.419307	1
P28667	MARCKS-related protein Marcksl1	21.0042	20.7373	3	20.165	7.0158	13	0.377177	1
Q3TY51;Q8CHF1;P1	Kinesin-like protein;Kinesin heavy chain mKIAA0531;Kif1	27.2979	27.132	38	109.3	252.41	307	0.593771	1
Q53YN4;Q3UNG2;C	Protein kinase C delta type;Protein Prkcd	21.2293	21.1394	6	77.546	11.312	13	0.937423	1
Q8BN32;Q3U8U8;F	Polyadenylate-binding protein;Poly Pabpc1	26.8441	26.735	26	70.669	197.51	270	0.82303	1
Q3U2F9;Q3THF3;P1	Guanine nucleotide-binding protein Gnb4	21.8187	22.8613	15	37.391	23.875	40	0.378902	1
Q8BNS6;Q3UCP6;C	Beta-hexosaminidase;Beta-hexosaminidase Hexa	22.7175	22.7017	11	60.552	43.454	35	0.978001	1
Q8K0X1;Q3UPN1;C	Vascular cell adhesion protein 1 Vcam1	21.2023	21.1021	4	81.329	3.1485	6	0.880414	1
Q3UEK9;Q3UEK5;C	Alpha-2-HS-glycoprotein Ahsg	23.1555	21.6818	5	37.325	62.024	30	0.324683	1
Q3TG75;P29758;Q1	Ornithine aminotransferase, mitochondrial Oat	25.8744	25.8551	20	48.354	172.15	200	0.899608	1
P29788	Vitronectin Vtn	21.955	22.0316	4	54.848	11.303	24	0.758062	1
Q545N7;P30275;A1	Creatine kinase U-type, mitochondrial Ckmt1	30.2691	30.3593	23	47.003	323.31	1369	0.021383	1
P30416;F6S2D5	Peptidyl-prolyl cis-trans isomerase Fkbp4	25.2827	25.1872	22	51.572	152.98	142	0.700629	1
Q8C2U7;Q3UZG4;P	Aminoacyl tRNA synthase complex Aimp1	23.5933	23.5923	7	35.196	22.372	54	0.996998	1
P31324;Q3V2X9;H1	cAMP-dependent protein kinase tyrosine Prkar2b	27.1668	27.081	21	46.167	323.31	624	0.54233	1
Q6PCX2;P31648;Q1	Transporter;Sodium- and chloride-dependent Slc6a1	28.081	27.9893	9	67.13	131.99	220	0.831566	1
P31650;Q8BKG0	Sodium- and chloride-dependent G Slc6a11	27.4747	27.1092	8	69.96	141.79	113	0.596335	1
Q548W7;P31786;Q	Acyl-CoA-binding protein Dbi	22.6862	21.4618	4	10	13.061	28	0.536498	1
Q3U3F4;Q3TMJ8;P	Dual specificity mitogen-activated protein kinase Map2k1	28.5176	28.2406	22	43.493	323.31	495	0.458438	1
P32020	Non-specific lipid-transfer protein Scp2	23.8803	21.8486	8	59.125	13.465	34	0.172898	1
Q8BLF7;Q4FJP8;Q3	Solute carrier family 2, facilitated glucose Slc2a3	26.912	26.8843	10	53.451	198.32	187	0.967411	1
Q8BTU4;Q564E6;P1	Lupus La protein homolog Ssb	24.1222	24.4431	15	47.657	55.542	111	0.206923	1
Q0VBU3;P32211	Muscarinic acetylcholine receptor;Chrm4	20.8984	22.1738	2	52.973	17.202	9	0.188188	1
Q8CHR8;Q8BNS0;C	Developmentally-regulated GTP-binding protein Drg1	21.3537	21.5462	6	40.54	10.661	12	0.169182	1

P34022;H7BX22;Q5	Ran-specific GTPase-activating prot	Ranbp1	23.7259	25.1895	8	23.596	45.13	135	0.397432	1
Q545F0;P34884	Macrophage migration inhibitory f	Mif	26.5145	24.9315	3	12.504	89.613	103	0.419176	1
Q3UQ71;P34914;A	Bifunctional epoxide hydrolase 2;	C Ephx2	23.7411	23.696	13	62.543	91.285	55	0.931895	1
Q6NXV6;Q3TEX8;P	Ubiquitin carboxyl-terminal hydro	Usp4	21.2187	21.2185	6	108.17	6.253	10	0.99971	1
P35235;Q9CT18;Q	Tyrosine-protein phosphatase non-	Ptpn11	25.0742	25.1119	25	68.46	77.666	166	0.887678	1
Q3TJ39;Q8C266;P3	Ras-related protein Rab-5C	Rab5c	23.5418	25.2288	9	23.412	49.94	132	0.37154	1
Q0PD54;P35279;Q	Ras-related protein Rab-6A	Rab6a	27.5103	27.8415	14	23.59	157.34	513	0.761912	1
Q0PD35;P35282;Q	Ras-related protein Rab-21	Rab21	22.685	24.2466	8	24.106	134.01	121	0.349287	1
P35283;A2CG35	Ras-related protein Rab-12	Rab12	21.3814	21.7768	9	27.328	14.435	34	0.506065	1
Q9D419;Q0PD32;P	Ras-related protein Rab-23	Rab23	21.7458	22.2454	6	26.777	10.362	28	0.592358	1
Q0PD38;P35293	Ras-related protein Rab-18	Rab18	25.2665	23.5112	14	23.035	70.019	151	0.344244	1
P35436	Glutamate receptor ionotropic, NM	Grin2a	24.2434	23.893	19	165.42	29.401	49	0.541595	1
Q3UFJ3;P35486	Pyruvate dehydrogenase E1 compo	Pdha1	29.0259	29.1105	29	43.231	323.31	884	0.716011	1
P35505	Fumarylacetoacetase	Fah	23.923	24.0068	14	46.175	60.835	74	0.646977	1
Q3UJS2;P35550	rRNA 2-O-methyltransferase fibrill	Fbl	22.709	22.8029	7	34.375	17.937	27	0.750848	1
Q5SUC3;P35564;Q	Calnexin	Canx	27.5338	27.4983	23	67.277	242.83	461	0.901027	1
Q3UG16;P35585	AP-1 complex subunit mu-1	Ap1m1	24.672	24.5749	20	48.542	93.413	153	0.873281	1
P35700;B1AXW5;B	Peroxiredoxin-1	Prdx1	28.9913	26.8826	17	22.176	189.88	617	0.247176	1
Q3UWG5;P35762;A	Tetraspanin;CD81 antigen	Cd81	27.2413	26.6737	4	25.828	221.35	327	0.378571	1
Q542P2;P35802;Q	Neuronal membrane glycoprotein	Gpm6a	30.3987	30.7385	12	31.149	323.31	851	0.095815	1
Q5BLK0;P35979;Q	60S ribosomal protein L12	Rpl12	27.2522	24.9701	8	17.804	143.08	207	0.390554	1
Q642K1;Q58EW0;P	60S ribosomal protein L18	Rpl18	27.7135	26.266	8	21.643	65.239	139	0.222642	1
P36916;A2VDH5;Q	Guanine nucleotide-binding protei	Gnl1	24.1724	24.2235	16	68.77	78.752	121	0.809033	1
Q546R1;Q5BKS2;Q	Protein phosphatase 1B	Ppm1b	21.5191	21.665	7	42.795	11.933	14	0.476007	1
P37040;Q05DV1	NADPH--cytochrome P450 reducta	Por	24.7371	24.8681	23	77.043	105.46	118	0.683648	1
P37804	Transgelin	Tagln	24.6017	23.8027	17	22.576	42.773	119	0.625084	1
P38647	Stress-70 protein, mitochondrial	Hspa9	28.289	28.4041	40	73.46	323.31	762	0.582212	1
P39053	Dynamin-1	Dnm1	23.9394	24.1909	71	97.802	20.417	83	0.004563	1
P39688;D3YZ57	Tyrosine-protein kinase Fyn;Non-s	Fyn	24.7453	24.5686	13	60.674	37.399	44	0.391188	1
P40142	Transketolase	Tkt	29.5781	29.5868	39	67.63	323.31	1113	0.963281	1
P40240	CD9 antigen	Cd9	23.195	22.3293	3	25.258	7.2454	14	0.385041	1
P40336;Q6PE78	Vacuolar protein sorting-associat	Vps26a	23.5909	23.6991	11	38.113	32.137	58	0.273406	1
Q5M9N5;Q5M9J8;I	60S ribosomal protein L28	Rpl28	25.9931	24.1792	10	15.709	15.301	59	0.370929	1

P42125;Q9DBN7	Enoyl-CoA delta isomerase 1, mitor	Eci1	23.1683	24.8514	12	32.25	57.908	125	0.308277	1
P42208;F6WYM0;E	Septin-2	Sept2	24.9937	24.9489	14	41.525	84.475	138	0.716446	1
Q6GU23;Q3ULI4;Q	Signal transducer and activator of t	Stat3	22.1214	21.0826	3	83.125	7.427	7	0.236302	1
P42669;Q8C6E9	Transcriptional activator protein P	Pura	27.6506	27.7142	13	34.883	323.31	387	0.663407	1
Q3UL22;Q6A0F1;P	T-complex protein 1 subunit theta	Cct8;Cctq	27.8805	27.9054	36	59.555	272.96	474	0.928827	1
Q3UYK6;P43006;A	Amino acid transporter;Excitatory i	Slc1a2	31.9464	32.0707	24	62.03	323.31	1762	0.265523	1
Q9DCW5;P43024	Cytochrome c oxidase subunit 6A, i	Cox6a1	24.4349	24.1125	3	12.483	45.259	94	0.919021	1
P43274	Histone H1.4	Hist1h1e	22.1495	22.4392	7	21.977	13.319	50	0.896595	1
Q5U415;Q3UDY1;P	Aldose reductase	Akr1b3;Akr1b1	27.1166	27.016	15	35.746	224.11	228	0.845626	1
Q3UHW9;P45591	Cofilin-2	Cfl2	26.6878	24.5522	12	18.709	40.503	194	0.400994	1
Q3TND1;P45878;Q	Peptidyl-prolyl cis-trans isomerase;	Fkbp2	24.3745	23.1574	8	15.344	15.338	65	0.438013	1
P45952;Q91WS8;Q	Medium-chain specific acyl-CoA de	Acadm	24.5688	24.5378	12	46.481	78.423	77	0.891883	1
Q91YS2;Q7TMW1;I	Ran GTPase-activating protein 1	Rangap1	22.9919	23.1224	11	63.516	20.7	41	0.2359	1
P46460	Vesicle-fusing ATPase	Nsf	31.0311	31.0497	71	82.613	323.31	2676	0.916126	1
P46471;Q3UIH5;Q	26S protease regulatory subunit 7	Psmc2	25.1663	24.9915	24	48.647	102.29	190	0.780029	1
P46660	Alpha-internexin	Ina	27.8508	27.9974	32	55.382	323.31	637	0.793095	1
Q8BMP9;Q5U412;C	Dolichyl-diphosphooligosaccharide	Stt3a	20.4445	22.0235	7	80.53	4.3137	9	0.124842	1
P47199;Q80XR3;Q	Quinone oxidoreductase	Cryz	24.0544	24.1789	13	35.268	61.127	94	0.576536	1
Q768S5;P47708	Rabphilin-3A	Rph3a	27.127	27.1785	29	75.492	323.31	302	0.901245	1
Q544B1;Q3UJW1;C	Aldehyde dehydrogenase, mitoch	Aldh2	27.3314	27.382	29	56.537	323.31	640	0.813024	1
P47746;Q99NU3	Cannabinoid receptor 1	Cnr1	24.6936	25.0266	6	52.83	15.892	45	0.509688	1
Q5RKN9;Q3UAS2;P	F-actin-capping protein subunit alp	Capza1	23.0469	23.8913	9	32.953	55.359	50	0.282289	1
Q5DQJ3;P47754;Q	F-actin-capping protein subunit alp	Capza2	27.4969	27.5712	18	32.967	323.31	509	0.500645	1
Q5SS02;P47759	Neuron-specific protein family mer	Nsg2	22.2462	20.8078	3	19	3.4258	17	0.265734	1
Q3TXK9;P47791;Q	Glutathione reductase, mitochondi	Gsr	25.4981	25.501	15	52.566	156.79	180	0.983753	1
Q543X6;P47809;Q	Dual specificity mitogen-activated	Map2k4	25.3304	25.1897	17	44.113	86.652	177	0.299938	1
P47857;Q99K08	ATP-dependent 6-phosphofructoki	Pfkm	29.6352	29.6653	39	85.268	323.31	1406	0.825861	1
Q3UCH0;P47911;E	60S ribosomal protein L6	Rpl6;Gm5428	25.0853	24.8705	14	33.509	53.605	165	0.410606	1
Q58E35;P47955;E	60S acidic ribosomal protein P1	Rplp1;Gm1007	25.171	23.8345	2	11.475	18.216	73	0.513372	1
Q58EU6;Q3U850;P	60S ribosomal protein L5	Rpl5	24.8405	24.9529	10	34.4	45.411	144	0.863763	1
Q5RKP3;P47963;A	60S ribosomal protein L13	Rpl13	23.4866	25.0431	6	24.597	123.8	91	0.317556	1
P48036	Annexin A5	Anxa5	24.136	27.066	24	35.752	198.46	519	0.28945	1
Q548L6;P48318	Glutamate decarboxylase 1	Gad1	25.8655	25.5228	15	66.648	105.2	96	0.558147	1

Q548L4;P48320	Glutamate decarboxylase 2	Gad2	26.8039	26.8005	22	65.223	293.74	269	0.986953	1
Q8C4T8;Q3UTV4;Q	G protein-activated inward rectifier	Kcnj6	21.3701	20.7647	2	47.48	4.6815	7	0.672578	1
P48678	Prelamin-A/C;Lamin-A/C	Lmna	27.3348	27.4164	40	74.237	242.81	352	0.740689	1
P48722;E0CY23	Heat shock 70 kDa protein 4L	Hspa4l	27.7039	27.7303	49	94.381	256.01	527	0.925393	1
P48771	Cytochrome c oxidase subunit 7A2	Cox7a2	24.1503	24.0923	2	9.2908	7.7732	71	0.92921	1
P48774;E9PVM7;E	Glutathione S-transferase Mu 5	Gstm5	25.8095	28.0637	21	26.635	257.05	471	0.417349	1
P48962;Q8BVI9	ADP/ATP translocase 1	Slc25a4	31.9646	31.9409	28	32.904	323.31	3556	0.955838	1
Q3U7F3;Q3TIK8;Q	Heterogeneous nuclear ribonucleo	Hnrnpa1	26.6415	26.7261	16	34.238	248.53	349	0.686736	1
P49442	Inositol polyphosphate 1-phosphat	Inpp1	24.4788	24.8166	11	43.346	61.481	92	0.147966	1
P49443;Q9EQE2;Q	Protein phosphatase 1A	Ppm1a	24.8294	24.9094	17	42.432	80.361	127	0.844702	1
Q543F6;P49615;A	Cyclin-dependent-like kinase 5	Cdk5	24.3201	25.7985	21	33.288	91.008	233	0.297223	1
Q3UWT6;P49722;C	Proteasome subunit alpha type	Psma2	24.221	26.0496	12	27.509	112.74	266	0.488961	1
P49813	Tropomodulin-1	Tmod1	22.6707	23.0913	9	40.466	28.339	44	0.453195	1
P50171;G3UX44;A	Estradiol 17-beta-dehydrogenase 8	Hsd17b8	22.0308	23.1954	8	26.588	28.362	45	0.291119	1
Q3TF14;P50247;Q	Adenosylhomocysteinase	Ahcy	25.9893	25.943	24	47.688	257.31	233	0.876259	1
P50396	Rab GDP dissociation inhibitor alph	Gdi1	29.8136	29.844	33	50.521	323.31	1716	0.717862	1
P50428	Arylsulfatase A	Arsa	21.7397	21.9195	5	53.748	14.724	11	0.884147	1
P50516	V-type proton ATPase catalytic sub	Atp6v1a	31.082	31.1587	48	68.325	323.31	3024	0.534203	1
P50518;A0A0N4SW	V-type proton ATPase subunit E 1	Atp6v1e1	26.4579	28.8342	19	26.157	323.31	725	0.374351	1
P50544;B1AR28;Q	Very long-chain specific acyl-CoA d	Acadvl	25.6025	25.6641	20	70.875	54.182	76	0.849248	1
Q53WT3;P50571;A	Gamma-aminobutyric acid recepto	Gabrb1	22.3532	21.6	9	54.1	8.0384	10	0.600361	1
Q05BN2;Q3UMW2	Proliferation-associated protein 2G	Pa2g4	24.4248	24.4487	17	41.508	70.814	115	0.982448	1
Q4FJQ0;P51150	Ras-related protein Rab-7a	Rab7;Rab7a	26.3209	25.8621	15	23.489	273.74	539	0.826661	1
Q3UKR3;Q3UG55;F	Uroporphyrinogen-III synthase	Uros	20.596	21.1967	3	28.49	2.2617	9	0.051132	1
P51174;A0A0R4J0	Long-chain specific acyl-CoA dehyd	Acadl	25.8883	25.862	19	47.907	161.37	197	0.937589	1
Q5EBQ6;P51410;A	60S ribosomal protein L9	Rpl9	25.7416	23.9232	10	21.881	80.832	129	0.384478	1
Q571K9;Q8CI86;Q	Phosphoinositide phospholipase C	Plcb3	22.722	21.8629	4	117.16	24.199	12	0.313725	1
Q3TT11;P51660;Q	Peroxisomal multifunctional enzymr	Hsd17b4	24.1309	23.8093	17	79.49	50.802	55	0.598967	1
P51830;E9Q706	Adenylate cyclase type 9	Adcy9	24.0652	24.4843	19	150.95	63.905	77	0.402014	1
Q8R436;Q541E2;Q	Glutathione synthetase	Gss	22.6296	21.9743	8	51.945	15.604	36	0.273806	1
P51859;E0CXA0;E	Hepatoma-derived growth factor	Hdgf	22.8888	22.6783	8	26.268	26.384	38	0.696663	1
P51863;Q921S5	V-type proton ATPase subunit d 1	Atp6v0d1	28.3031	28.3047	20	40.301	323.31	981	0.987987	1
Q545A2;P51881	ADP/ATP translocase 2;ADP/ATP tr	Slc25a5	29.6818	29.6462	27	32.931	323.31	939	0.948926	1

Q9D393;P51906;Q	Amino acid transporter;Excitatory	Slc1a1	21.225	21.2609	2	56.709	6.5211	16	0.952176	1
Q545S0;P52196	Sulfurtransferase;Thiosulfate sulfur	Tst	25.5516	25.6168	14	33.466	74.065	178	0.816275	1
P52479	Ubiquitin carboxyl-terminal hydrolase	Usp10	21.9632	21.0206	2	87.021	4.2308	17	0.246231	1
P52480	Pyruvate kinase PKM	Pkm	32.2259	32.146	41	57.844	323.31	4361	0.184968	1
P52503	NADH dehydrogenase [ubiquinone]	Ndufs6	24.4785	23.0697	8	13.02	23.093	32	0.420923	1
P52760	Ribonuclease UK114	Hrsp12	25.4286	24.5209	10	14.255	52.329	111	0.615335	1
Q544L9;P52795	Ephrin-B1	Efnb1	20.9734	20.873	2	37.859	6.0666	14	0.649296	1
Q3UN55;Q3UDA8;I	Carnitine O-palmitoyltransferase 2,	Cpt2	22.349	22.5028	7	73.964	16.126	22	0.794877	1
Q7TND9;P53395	Lipoamide acyltransferase component	Dbt	23.2427	23.054	9	53.26	19.644	43	0.722917	1
P53702;Q8BP79	Cytochrome c-type heme lyase	Hccs	21.152	22.1303	9	30.977	14.806	20	0.29543	1
Q5ND42;Q3UE53;C	Phosphatidylinositol transfer protein	Pitpna	24.1144	27.1339	25	31.893	148.01	408	0.298628	1
Q8JZZ5;P53811	Phosphatidylinositol transfer protein	Pitpnb	21.4638	22.4977	11	31.616	11.237	29	0.225089	1
Q8BPS5;Q8C2E6;Q	Monocarboxylate transporter 1	Slc16a1	24.2388	24.6204	5	38.157	52.993	38	0.028066	1
Q0PD65;P53994;Q	Ras-related protein Rab-2A	Rab2a	27.6545	26.4726	18	23.547	215.31	705	0.279424	1
P54071	Isocitrate dehydrogenase [NADP],	Idh2	26.6932	26.9367	26	50.906	211.39	430	0.033122	1
Q9DCP3;Q91XT3;Q	Stathmin	Stmn1	27.7596	25.0155	12	17.334	106.89	237	0.372466	1
Q3TJ52;Q3UQN3;Q	UV excision repair protein RAD23	Rad23b	25.171	24.6813	12	34.613	84.381	105	0.274924	1
Q8BKU2;P54775;Q	26S protease regulatory subunit 6E	Psmc4	26.34	26.4351	23	47.394	213.84	234	0.314216	1
Q8BTN3;P54797;D	Transport and Golgi organization 2	Tango2	21.2721	21.9939	4	30.874	2.9879	6	0.148284	1
Q3TMB8;P54822;E	Adenylosuccinate lyase	Adsl	24.1119	23.6002	16	54.865	36.209	83	0.225083	1
P54823	Probable ATP-dependent RNA helicase	Ddx6	23.8373	23.7469	18	54.191	65.944	54	0.662282	1
Q3U5N4;P54923	[Protein ADP-ribosylarginine] hydrolase	Adprh	22.8893	22.6592	9	40.068	41.365	45	0.729211	1
Q9DBZ6;Q91VT3;Q	ATP-binding cassette sub-family D	Abcd3	22.9835	23.0815	6	75.475	11.203	32	0.724406	1
Q0PD50;Q3UHW5;	Ras-related protein Rab-8A	Rab8a	20.8826	20.5133	7	23.668	5.8835	16	0.64294	1
P55264;Q8BMC5	Adenosine kinase	Adk	25.7241	25.6191	16	40.148	70.3	146	0.762666	1
Q6PB52;Q6PEM5;C	Alpha-2-macroglobulin receptor-associated	Lrpap1	23.7005	23.2716	9	35.491	26.36	47	0.270407	1
P56135;F8WHP8	ATP synthase subunit f, mitochondrial	Atp5j2	27.1616	27.0284	6	10.344	20.329	282	0.762446	1
Q3ULK1;P56371;B2	Ras-related protein Rab-4A	Rab4a	22.341	22.0567	10	24.336	10.848	27	0.867253	1
P56379	6.8 kDa mitochondrial proteolipid	Mp68	24.4622	21.509	2	6.6979	4.5847	27	0.281466	1
P56380;Q3V1C8	Bis(5-nucleosyl)-tetraphosphatase	Nudt2	24.9416	23.3945	7	16.989	17.103	68	0.246401	1
Q9D6M5;Q542J7;P	Dynein light chain Tctex-type 3	Dynlt3	21.7214	22.3939	3	12.945	9.7016	24	0.4668	1
P56391;A0A140LIU	Cytochrome c oxidase subunit 6B1	Cox6b1	26.3741	26.3709	9	10.071	43.416	157	0.99148	1
P56480	ATP synthase subunit beta, mitochondrial	Atp5b	32.3028	32.4931	32	56.3	323.31	5485	0.324997	1

Q8C7W8;Q8C3T7;C Amino acid transporter;Excitatory ;	Slc1a3	29.5911	29.6218	11	59.592	323.31	805	0.946088	1
Q80UI9;Q3TDI2;P5 Wolframin	Wfs1	25.6321	25.3076	24	100.55	112.08	122	0.396541	1
Q8CFQ9;Q564D0;C RNA-binding protein FUS	Fus	24.994	24.9899	10	52.601	81.644	69	0.996631	1
Q3TDE4;Q3TD54;Q Nicastrin	Ncstn	21.1376	23.9679	5	60.662	87.818	8	0.091403	1
P57722;E9Q7D8;Q Poly(rC)-binding protein 3	Pcbp3	21.8567	21.1506	9	39.294	9.2661	18	0.177754	1
Q3UJH5;Q3U861;P V-type proton ATPase subunit D	Atp6v1d	25.4465	27.843	18	28.355	311.05	408	0.291468	1
P57759 Endoplasmic reticulum resident protein	Erp29	23.8112	24.5234	10	28.823	32.568	133	0.525596	1
Q3ULT2;P57780;Q Alpha-actinin-4	Actn4	28.0287	28.1608	61	104.98	323.31	637	0.664626	1
P57784;G5E883 U2 small nuclear ribonucleoprotein	Snrpa1	21.7887	22.8003	7	28.357	22.162	33	0.303113	1
Q8C7F9;Q8C6H4;Q Transmembrane 9 superfamily member	Tm9sf2	21.6688	21.6061	4	75.357	14.367	7	0.95334	1
P58044;G3XA48 Isopentenyl-diphosphate Delta-isomerase	Idi1	22.029	23.2259	7	26.289	12.94	53	0.378864	1
Q3UMI7;Q3UDC8;F Elongation factor 2	Eef2	29.5878	29.6727	52	95.326	323.31	1242	0.717953	1
P58281;H7BX01;Q Dynamin-like 120 kDa protein, mitochondrial	Opa1;mKIAA051	27.9607	28.099	55	111.34	323.31	606	0.731436	1
Q543N6;P58389;Q Serine/threonine-protein phosphatase	Ppp2r4	26.1047	26.1315	12	36.71	187.81	243	0.890096	1
P58404;Q3U3S0 Striatin-4	Strn4	25.3088	25.5226	17	81.644	80.482	91	0.533843	1
Q8C076;P59016 Vacuolar protein sorting-associated protein	Vps33b	22.1565	22.0174	7	70.526	4.8208	9	0.753444	1
Q3UGC5;Q3TNR7;F Bcl-2-like protein 13	Bcl2l13	22.7046	22.4535	7	46.647	24.189	21	0.513277	1
Q3TEG7;Q0PD64;P Ras-related protein Rab-2B	Rab2b	22.8262	22.2455	12	21.465	6.0916	28	0.402047	1
Q3TQR3;P59325;Q Eukaryotic translation initiation factor	Eif5	23.1795	23.0951	12	48.968	34.439	98	0.88657	1
Q9D3C4;Q7TPD9;P Actin-related protein 2/3 complex	Arpc4	28.8727	26.8762	11	19.653	117.28	511	0.359638	1
Q3UJN2;Q3U1C2;P RuvB-like 1	Ruvbl1	23.5526	23.7541	12	50.213	31.748	97	0.55981	1
Q3UYM8;P60202;C Myelin proteolipid protein	Plp1	29.98	30.1885	9	30.077	93.256	811	0.841205	1
Q9CT23;Q3UIG0;P Eukaryotic translation initiation factor	Eif3e	22.8495	23.0031	13	49.567	53.359	69	0.785857	1
P60335 Poly(rC)-binding protein 1	Pcbp1	26.742	26.5991	15	37.497	165.56	384	0.232099	1
P60469;C7G3P1;A Liprin-alpha-3	Ppfia3	26.9392	26.8538	43	133.42	161.68	284	0.672729	1
P60487;Q6IS27 Pyridoxal phosphate phosphatase	Pdxp	24.0918	26.9259	20	31.512	142.8	419	0.403525	1
P60521 Gamma-aminobutyric acid receptor	Gabarapl2	23.8411	22.6245	8	13.667	12.484	45	0.495855	1
Q3UDU9;P60670;Q Nuclear protein localization protein	Nploc4	22.6521	22.4592	10	67.956	21.172	23	0.263493	1
P60761 Neurogranin;NEUG(55-78)	Nrgn	28.0687	26.7465	2	7.4963	30.905	36	0.054172	1
Q14A12;P60764;A Ras-related C3 botulinum toxin substrate	Rac3	22.3907	21.6731	9	21.379	6.6418	11	0.254106	1
P60766;Q3UL78 Cell division control protein 42 homolog	Cdc42	27.9395	26.6277	9	21.258	146.52	381	0.330353	1
P60840 Alpha-endosulfine	Ensa	21.7371	21.1081	4	13.335	9.095	10	0.508368	1
Q4FZL1;Q5F2A7;P6 Eukaryotic initiation factor 4A-I	Eif4a1	25.4003	25.4095	23	46.022	171.65	131	0.983754	1

Q5BLK2;P60867	40S ribosomal protein S20	Rps20	26.1339	23.9785	5	13.373	34.972	113	0.432673	1
P60879	Synaptosomal-associated protein 2	Snap25	28.4783	28.999	20	23.315	323.31	843	0.385897	1
P60904;G5E8T0;Q5	DnaJ homolog subfamily C member	Dnajc5	28.0443	28.5427	10	22.101	323.31	443	0.485114	1
Q4FJL0;P61027;Q3	Ras-related protein Rab-10	Rab10	27.399	27.267	13	22.541	63.628	400	0.324713	1
Q0PD49;P61028;Q3	Ras-related protein Rab-8B	Rab8b	23.5432	21.8705	6	23.603	13.119	37	0.056927	1
P61082;F7CDT0;F6	NEDD8-conjugating enzyme Ubc12	Ube2m	26.501	24.1993	8	20.9	22.351	128	0.332224	1
Q6ZWQ6;P61087;A	Ubiquitin-conjugating enzyme E2 K	Ube2k	24.6716	23.5404	10	22.406	68.812	67	0.566844	1
Q6ZWS1;P61148;D	Fibroblast growth factor	Fgf1	22.1241	21	4	17.417	4.9203	9	0.303691	1
Q5SW83;P61161;Q	Actin-related protein 2	Actr2	27.4188	27.4217	17	44.76	272.63	562	0.991041	1
P61164	Alpha-centractin	Actr1a	27.2211	27.1665	19	42.613	272.7	593	0.775554	1
P61202;Q3UK65;Q	COP9 signalosome complex subunit	Cops2	25.0729	25.1917	19	51.596	130.42	93	0.721391	1
Q3U344;P61205;P5	ADP-ribosylation factor 3	Arf3;Arf1	30.334	28.1876	16	20.601	323.31	1297	0.384945	1
Q3TIR2;Q14AC7;P6	ADP-ribosylation factor-like protein	Arl1	21.9509	21.7717	6	20.483	13.131	40	0.893853	1
Q6NXX7;Q3UHY8;C	ATP-binding cassette sub-family E	Abce1	22.8203	23.0285	14	64.505	36.572	34	0.646329	1
Q6ZWR0;P61226	Ras-related protein Rap-2b	Rap2b	27.1406	24.4612	13	20.504	142.58	255	0.367729	1
Q4FZH2;P61255;B1	60S ribosomal protein L26	Rpl26	26.6177	24.0572	9	17.258	20.93	122	0.336937	1
P61264	Syntaxin-1B	Stx1b	29.979	29.941	20	33.244	323.31	1232	0.913451	1
Q4FK54;P61290;A2	Proteasome activator complex subunit	Psme3	20.483	20.3003	4	29.506	5.7908	10	0.641592	1
Q0PD53;P61294	Ras-related protein Rab-6B	Rab6b	23.6395	22.6809	12	23.461	49.821	56	0.528972	1
P61329;O35340	Fibroblast growth factor 12	Fgf12	25.2445	23.5488	7	27.399	19.549	97	0.392533	1
Q5BLJ9;P61358;Q9	60S ribosomal protein L27	Rpl27	25.6003	23.7803	7	15.798	13.718	127	0.424282	1
Q5M9N6;Q4VAF2;I	60S ribosomal protein L37a	Rpl37a	24.97	22.4415	5	8.9946	8.4173	27	0.11072	1
Q14BR4;P61750;Q5	ADP-ribosylation factor 4	Arf4	24.4952	23.1124	11	20.396	17.36	36	0.349636	1
P61922;Q3V1S0	4-aminobutyrate aminotransferase	Abat	28.5597	28.4221	33	56.451	323.31	1087	0.742022	1
Q80ZU1;Q3U3H9;P	DDB1- and CUL4-associated factor	Dcaf7	22.1489	22.1459	7	38.813	21.629	18	0.998051	1
P61967;D3Z0D6;D5	AP-1 complex subunit sigma-1A	Ap1s1	23.403	21.8453	6	18.733	16.261	46	0.223275	1
Q3U8H8;P61971	Nuclear transport factor 2	Nutf2	23.0996	22.2775	4	14.379	16.529	38	0.644202	1
P62071;A0A1B0GR	Ras-related protein R-Ras2	Ras2;Rras	21.6068	21.7157	3	23.399	3.691	17	0.866903	1
Q4FZE6;P62082;F6	40S ribosomal protein S7	Rps7;Gm9493	25.7955	25.0476	11	22.127	38.45	181	0.642683	1
P62137;Q3U8W0;C	Serine/threonine-protein phosphatase	Ppp1ca	27.7179	27.6657	24	37.54	323.31	687	0.797716	1
P62141	Serine/threonine-protein phosphatase	Ppp1cb	26.3714	26.2694	22	37.186	119.22	259	0.546691	1
Q542I9;P62192	26S protease regulatory subunit 4	Psmc1	25.3543	25.167	20	49.184	110.92	180	0.676977	1
P62196;Q8K1K2;Q5	26S protease regulatory subunit 8	Psmc5	25.3583	25.4083	28	45.626	171.55	219	0.826832	1

P62204;Q3UKW2;C Calmodulin;Calmodulin-like protein	Calm1;CalmI3	27.8392	25.826	12	16.837	263.88	413	0.47221	1
Q497E9;P62242;Q540S ribosomal protein S8	Rps8	24.7394	25.8129	11	24.205	210.48	260	0.377438	1
Q5M9M4;P62245;P40S ribosomal protein S15a	Rps15a	25.5678	25.4543	9	14.839	32.526	137	0.838632	1
Q5SS40;P62259;Q814-3-3 protein epsilon	Ywhae	27.7478	30.2969	30	29.174	323.31	1389	0.318042	1
Q9CWI9;Q497E1;Q40S ribosomal protein S23	Rps23	26.1213	23.9089	7	15.835	16.754	68	0.314368	1
Q3UC02;Q9DB79;P40S ribosomal protein S11	Rps11	27.1403	24.7293	12	18.431	34.949	211	0.359351	1
Q921R2;Q5BLJ7;P640S ribosomal protein S13	Rps13	26.7368	24.662	11	16.142	32.208	214	0.435992	1
P62315 Small nuclear ribonucleoprotein Sn	SnRpd1	24.5036	23.1873	4	13.281	28.232	33	0.473936	1
Q14AF6;P62317;D544S Small nuclear ribonucleoprotein Sn	SnRpd2;Gm544S	24.505	23.3466	7	13.527	39.262	80	0.442337	1
Q91VM2;P62320 Small nuclear ribonucleoprotein Sn	SnRpd3	24.5146	22.9217	3	13.985	19.936	63	0.407673	1
Q3U0D7;P62331 ADP-ribosylation factor 6	Arf6	25.0841	23.9036	7	20.082	25.427	115	0.474797	1
Q14AQ1;P62334;Q26S protease regulatory subunit 1C	Psmc6	25.1803	25.1625	20	44.172	84.701	186	0.884043	1
P62482;Q3UPV6;E6 Voltage-gated potassium channel s	Kcna2	26.3019	26.396	21	41.021	268.81	265	0.72865	1
P62631 Elongation factor 1-alpha 2	Eef1a2	29.0369	28.9517	21	50.454	323.31	879	0.716741	1
Q545F8;Q545X8;Q40S ribosomal protein S4;40S ribos	Rps4x;Rps4l;Grr	24.0435	26.5984	16	27.504	64.173	304	0.359694	1
P62715;Q8VED4;Q1 Serine/threonine-protein phosphat	Ppp2cb	22.8473	22.2933	17	35.575	8.2895	25	0.010244	1
P62737;Q3U122;Q1 Actin, aortic smooth muscle;Actin,	Acta2;Actg2	23.5016	24.9357	27	42.009	15.813	33	0.373284	1
Q3UJ76;P62743;A0 AP-2 complex subunit sigma	Ap2s1	27.285	27.4224	7	17.018	33.022	403	0.740933	1
Q4FJM5;P62746;Q1 Rho-related GTP-binding protein Rl	Rhob	27.0437	25.0022	11	22.123	35.059	225	0.360437	1
P62748 Hippocalcin-like protein 1	Hpcal1	22.69	22.0779	12	22.338	5.6678	20	0.661804	1
Q5BLK1;P62754;Q840S ribosomal protein S6	Rps6	22.2585	24.1209	6	28.68	25.094	46	0.159381	1
Q4W4C9;P62761;C Visinin-like protein 1	Vsnl1	29.1172	27.0261	19	22.142	151.12	733	0.365153	1
P62774 Myotrophin	Mtpn	24.4957	24.1221	5	12.861	51.79	54	0.826152	1
Q544F7;P62812;Q3 Gamma-aminobutyric acid recepto	Gabra1	25.5905	26.2533	14	51.753	75.603	102	0.239646	1
P62814 V-type proton ATPase subunit B, br	Atp6v1b2	30.5115	30.5233	32	56.55	323.31	2899	0.960838	1
Q3UB66;Q0PD67;P Ras-related protein Rab-1A	Rab1;Rab1A	27.7107	26.5568	12	22.678	162.66	434	0.251068	1
Q3TU26;Q542T7;P1 Ras-related protein Rab-3C	Rab3c	26.193	26.24	7	25.623	40.597	271	0.859348	1
Q3ULW0;P62827;C GTP-binding nuclear protein Ran	Ran;1700009N1	27.3114	27.9695	13	24.351	88.707	544	0.357354	1
P62830 60S ribosomal protein L23	Rpl23	25.3134	23.757	7	14.865	48.118	128	0.53519	1
P62835;C5H0E8;A0 Ras-related protein Rap-1A	Rap1a;Gm9392	22.0003	21.6112	11	20.987	11.468	20	0.758844	1
Q3UT95;P62838;A0 Ubiquitin-conjugating enzyme E2 D	Ube2d2a;Ube2c	25.9105	24.2104	4	16.735	57.801	88	0.342364	1
Q9D7P1;Q9CY61;Q40S ribosomal protein S24	Rps24	23.2455	23.2668	4	15.325	18.382	58	0.985701	1
Q58EA6;P62852 40S ribosomal protein S25	Rps25	26.1849	24.2276	5	13.742	15.631	167	0.399279	1

Q497N1;P62855	40S ribosomal protein S26	Rps26	25.7576	23.8533	5	13.015	16.972	66	0.415383	1
P62869	Transcription elongation factor B p	Tceb2	24.8692	24.0432	11	13.17	22.843	93	0.717518	1
Q3TQ70;P62874;Q	Guanine nucleotide-binding protein	Gnb1	27.9201	29.3439	19	37.377	323.31	1063	0.429546	1
Q3U9V4;P62880;E	Guanine nucleotide-binding protein	Gnb2	28.9236	30.1415	20	37.331	323.31	1348	0.39919	1
Q497D7;Q58DZ3;P	60S ribosomal protein L30	Rpl30	25.1512	24.0669	7	12.656	80.272	108	0.521876	1
Q56A15;P62897	Cytochrome c, somatic	Cycs	28.6768	26.6241	14	11.605	150.46	416	0.480864	1
Q9CY93;Q5M9K9;P	60S ribosomal protein L31	Rpl31	25.4496	23.7178	8	14.411	17.224	80	0.402782	1
Q5YLW3;P62908;Q	40S ribosomal protein S3	Rps3	25.2513	26.4289	24	26.674	94.948	355	0.212337	1
P62911;Q5PR09	60S ribosomal protein L32	Rpl32	26.5864	24.6036	11	15.86	27.54	70	0.330772	1
Q3UJS0;P62918;Q	60S ribosomal protein L8	Rpl8	23.7747	25.2206	12	28.066	33.421	57	0.316117	1
Q642L7;P62983;A	Ubiquitin-40S ribosomal protein S2	Rps27a;Ubc;Gr	28.8967	28.6507	7	17.951	131.05	553	0.45516	1
Q5SW18;P63005;Q	Platelet-activating factor acetylhyd	Pafah1b1	27.0222	26.9112	23	46.67	323.31	347	0.821486	1
Q0PD63;P63011	Ras-related protein Rab-3A	Rab3a	29.1693	29.4479	9	24.97	152.93	1110	0.407902	1
Q3UBA6;Q3TH56;P	Heat shock cognate 71 kDa protein	Hspa8	31.8175	31.8524	46	70.898	323.31	3211	0.806301	1
P63024	Vesicle-associated membrane prot	Vamp3	22.3483	22.7135	6	11.48	3.9091	21	0.898074	1
P63028;D3YU75	Translationally-controlled tumor pr	Tpt1	26.4671	24.2731	7	19.462	50.056	140	0.432746	1
Q3UX28;Q3TCV4;P	Mitochondrial pyruvate carrier 1	Mpc1	24.9583	23.1766	5	12.454	241.62	32	0.368894	1
Q5NTY0;Q3TK61;P	DnaJ homolog subfamily A membe	Dnaja1	25.2716	25.6088	15	44.868	190.44	138	0.224758	1
P63038	60 kDa heat shock protein, mitoch	Hspd1	30.3744	30.3127	48	60.955	323.31	1902	0.407451	1
P63040;D3YZ72	Complexin-1	Cplx1	22.9371	21.6478	6	15.122	36.106	21	0.315283	1
P63046;Q8BQV8	Sulfotransferase 4A1;Sulfotransfer	Sult4a1	22.433	24.2628	13	33.053	36.5	145	0.275305	1
Q3TK95;P63073;A	Eukaryotic translation initiation fac	Eif4e	23.1662	23.8118	6	25.053	13.163	53	0.423252	1
P63085;Q3UF82;Q	Mitogen-activated protein kinase 1	Mapk1;Erk2	28.4998	28.5694	28	41.275	323.31	832	0.676598	1
Q6ZWM8;Q3U7K1;	Serine/threonine-protein phosphat	Ppp1cc	24.6352	24.6376	22	36.983	77.876	68	0.994155	1
Q9CSX6;P63089;B	Pleiotrophin	Ptn	25.6048	23.4929	4	18.252	13.296	24	0.258517	1
Z4YKV1;P63094;Q	Guanine nucleotide-binding protein	Gnas	25.7622	25.8599	14	44.178	169.01	193	0.551883	1
P63101	14-3-3 protein zeta/delta	Ywhaz	30.4493	32.1511	30	27.771	323.31	2248	0.379917	1
Q8C0A7;P63115	Asc-type amino acid transporter 1	Slc7a10	21.9087	22.0881	3	57.525	4.1007	14	0.84218	1
P63137	Gamma-aminobutyric acid recepto	Gabrb2	23.7365	24.0142	10	59.196	14.877	31	0.350364	1
P63141	Potassium voltage-gated channel s	Kcna2	25.4287	25.6891	11	56.7	61.834	179	0.346321	1
P63168;Q9D6F6;Q	Dynein light chain 1, cytoplasmic	Dynll1;BC0485C	24.6094	24.3544	7	10.366	51.204	38	0.746541	1
P63213	Guanine nucleotide-binding protein	Gng2	25.7143	25.5523	6	7.8501	60.758	81	0.877554	1
P63216	Guanine nucleotide-binding protein	Gng3	24.5537	23.4394	4	8.3047	63.222	34	0.099433	1

Q5M9L7;Q8BT90;P 40S ribosomal protein S17	Rps17	25.8898	24.2163	7	15.524	72.797	154	0.48072	1
Q3UN66;P63318;Q Protein kinase C;Protein kinase C g	Prkcg	28.5007	28.5003	39	78.357	323.31	944	0.99772	1
P63321;Q9CXY0 Ras-related protein Ral-A	Rala	23.8279	26.2525	12	23.553	59.88	228	0.375384	1
Q5M9K7;Q3U9P0;F 40S ribosomal protein S10	Rps10	26.9926	24.0847	8	18.916	74.77	227	0.304511	1
P63330 Serine/threonine-protein phosphatase 2C alpha	Ppp2ca	27.1446	27.0453	17	35.608	323.31	434	0.584952	1
P67778;Q5SQG5;Q Prohibitin	Phb	25.2751	28.0403	18	29.82	185.92	619	0.362574	1
Q4VAG4;P67984 60S ribosomal protein L22	Rpl22	24.6989	23.4477	2	14.759	8.4868	54	0.506185	1
Q9CXK3;Q497E4;P Actin, alpha cardiac muscle 1;Actin	Actc1;Acta1	25.5271	26.1864	28	41.946	323.31	202	0.43099	1
Q561N4;P68037;Q Ubiquitin-conjugating enzyme E2 L	Ube2l3	25.288	23.8528	8	17.861	54.145	148	0.578268	1
P68040 Guanine nucleotide-binding protein G2L1	Gnb2l1	24.1979	26.3728	19	35.076	224.9	310	0.291978	1
P68181;H6TMF6;H cAMP-dependent protein kinase catalytic subunit	Prkacb	27.1962	27.2768	24	40.707	135.31	469	0.508909	1
P68368;A0A0A0M0C1 Tubulin alpha-4A chain	Tuba4a	29.9113	29.7827	33	49.924	323.31	1448	0.719823	1
P68369;Q5FW91;P1 Tubulin alpha-1A chain;Tubulin alpha-1	Tuba1a;Tuba3a	33.786	33.6006	36	50.135	323.31	16581	0.331846	1
P68372;Q9DCR1;Q Tubulin beta-4B chain	Tubb4b	33.5418	33.3771	37	49.83	323.31	10898	0.210338	1
Q52L87;P68373 Tubulin alpha-1C chain	Tuba1c	27.5746	27.3508	36	49.909	10.171	482	0.878971	1
P68404 Protein kinase C beta type	Prkcb	27.4553	27.6303	34	76.75	193.26	590	0.482463	1
P68510 14-3-3 protein eta	Ywhah	25.7586	28.5244	24	28.211	323.31	456	0.36568	1
P70122;F6TN03 Ribosome maturation protein SBD	Sbds	20.9916	21.9642	6	28.78	5.0937	10	0.346281	1
Q3TFE8;P70168;Q3 Importin subunit beta-1	Kpnb1	28.1268	28.1992	40	97.112	323.31	596	0.817244	1
P70188;Q3UZA5 Kinesin-associated protein 3	Kifap3	23.3595	22.6966	6	91.29	40.318	18	0.601461	1
Q5D098;P70195 Proteasome subunit beta type;Proteasome	Psmb7	23.8905	25.7264	13	29.76	34.029	103	0.348967	1
Q14BZ3;P70202 Latexin	Lxn	22.8811	24.2741	5	25.492	49.201	70	0.367797	1
P70206;Q3U3W7 Plexin-A1	Plxna1	25.9065	26.0857	39	211.1	173.06	175	0.422113	1
P70207 Plexin-A2	Plxna2	22.8395	23.1551	20	211.53	11.646	21	0.806301	1
P70227 Inositol 1,4,5-trisphosphate receptor	Itpr3	22.2103	22.0118	10	304.27	6.1121	22	0.887816	1
P70232 Neural cell adhesion molecule L1-like 1	Chl1	25.7778	25.9782	23	135.07	97.852	102	0.384023	1
Q5EBQ2;Q3TGC5;P Phosphatidylethanolamine-binding protein 1	Pebp1	29.6465	26.1094	14	20.83	323.31	716	0.342298	1
Q3UGN9;Q3TQ49;C Signal transducing adapter molecule 1	Stam	23.6989	23.7707	11	51.144	65.815	68	0.852393	1
Q921W2;Q545C1;F Nucleolysin TIAR	Tial1	22.2726	22.2122	7	41.53	10.396	20	0.841949	1
P70333;Q3UR26 Heterogeneous nuclear ribonucleoprotein A2	Hnrnph2	23.3785	23.7157	11	49.279	47.401	75	0.750651	1
P70336;F8VPK5;Q6 Rho-associated protein kinase 2;Rho	Rock2	27.2937	27.2347	51	160.58	203.45	298	0.723707	1
P70349 Histidine triad nucleotide-binding protein 1	Hint1	26.3098	24.5145	8	13.777	50.405	151	0.486511	1
Q9CWQ7;Q8C2D2; Ubiquitin fusion degradation protease	Ufd1l	21.7169	21.867	6	34.482	12.64	12	0.728895	1

Q8BW03;Q8BM84; ELAV-like protein;ELAV-like protein Elavl1	22.1054	24.1143	11	36.153	45.696	78	0.24306	1
P70392;D3Z6K8 Ras-specific guanine nucleotide-rel Rasgrf2	24.0322	23.9366	14	135.67	31.649	36	0.83577	1
Q4FE56;P70398 Ubiquitin carboxyl-terminal hydrolase Usp9x	27.9133	27.9072	87	290.21	323.31	495	0.956256	1
Q3TKM5;Q3TGZ3;F Isocitrate dehydrogenase [NAD] subunit beta Idh3g	28.2834	28.2834	16	42.314	323.31	631	0.999982	0.999982
Q3TG37;P70441 Na(+)/H(+) exchange regulatory cofactor Slc9a3r1	25.2314	25.204	15	38.6	234.93	127	0.963251	1
Q3TYD5;P70663;Q3 SPARC-like protein 1 Sparcl1	24.1716	24.3624	11	72.342	30.654	64	0.677922	1
Q60817;P70670;Q3 Nascent polypeptide-associated complex Naca	23.0094	23.6051	5	23.384	38.604	76	0.378561	1
Q8BNT4;P70677 Caspase-3;Caspase-3 subunit p17;C Casp3	20.6717	20.7892	4	21.603	2.3712	9	0.895848	1
P70697;A0A0A0M0C Uroporphyrinogen decarboxylase Urod	21.5329	21.5844	3	40.691	14.739	13	0.913394	1
P70699;F6R5R5 Lysosomal alpha-glucosidase Gaa	21.6115	22.8975	8	106.25	16.529	23	0.115624	1
Q5DTG0;P70704;A Phospholipid-transporting ATPase; Atp8a1	27.8342	27.9999	39	134.68	323.31	445	0.577977	1
Q3TIJ7;Q3TET0;P8 T-complex protein 1 subunit epsilon Cct7	27.8174	27.7995	29	59.652	323.31	410	0.843192	1
Q542X7;P80314;Q3 T-complex protein 1 subunit beta Cct2	27.8487	27.7232	37	57.477	323.31	744	0.551618	1
Q564F4;Q3UJZ8;Q3 T-complex protein 1 subunit delta Cct4	27.3733	27.2932	29	58.066	248.21	412	0.641472	1
P80316 T-complex protein 1 subunit epsilon Cct5	27.7362	27.7449	29	59.623	323.31	566	0.940767	1
Q52KG9;Q3TIX8;Q3 T-complex protein 1 subunit zeta Cct6a	28.0959	28.0851	28	58.076	300.42	449	0.950113	1
Q3U4U6;P80318;E T-complex protein 1 subunit gamma Cct3	27.7644	27.855	33	60.629	323.31	486	0.651583	1
Q5M9P1;P83882 60S ribosomal protein L36a Rpl36a	23.7313	21.9964	6	12.441	10.045	23	0.300931	1
Q6F4J1;Q6F4J0;Q8 Tubulin gamma chain;Tubulin gamma chain Tubg1;Tubg2	22.972	22.2667	7	51.1	94.252	34	0.49686	1
P84075;E9PV73;A2 Neuron-specific calcium-binding protein Hpca	28.2303	25.2495	14	22.427	79.639	373	0.271717	1
P84084 ADP-ribosylation factor 5 Arf5	26.3596	24.5335	15	20.529	37.709	117	0.207228	1
P84086 Complexin-2 Cplx2	25.8145	24.2036	9	15.394	35.471	108	0.31339	1
Q5FWI9;P84091;Q3 AP-2 complex subunit mu Ap2m1	29.4015	29.3943	31	49.654	323.31	1175	0.958451	1
Q3U781;Q9D6W4;I Serine/arginine-rich splicing factor Srsf3;Gm12355	25.5354	23.5517	6	14.203	10.412	71	0.316755	1
P84309 Adenylate cyclase type 5 Adcy5	23.2205	22.1752	7	139.12	7.4747	14	0.32731	1
P97300;H3BIX4;Z4 Neuroplastin Nptn	29.1908	29.2351	16	44.373	323.31	613	0.763438	1
Q4FJX4;P97315 Cysteine and glycine-rich protein 1 Csrp1	28.1996	25.3127	10	20.583	116.93	169	0.299671	1
Q3UQY7;P97333 Neuropilin-1 Nrp1	21.9427	23.2224	3	93.826	2.1948	9	0.683754	1
Q564F3;Q3UAC2;P40S ribosomal protein S3a Rps3a1;Rps3a	23.8166	26.4555	18	29.885	74.184	274	0.349531	1
P97355;E9PZ58 Spermine synthase Sms	22.4987	23.4388	8	41.313	97.481	62	0.341638	1
Q544Q7;P97370;Q Sodium/potassium-transporting ATPase Atp1b3	24.532	24.3883	10	31.775	17.51	100	0.420667	1
Q3U541;P97379;Q Ras GTPase-activating protein-binding protein G3bp2	25.9976	25.8003	18	54.087	218.37	145	0.439566	1
P97384;D3Z7U0 Annexin A11;Annexin Anxa11	22.1789	22.0025	12	54.079	20.468	55	0.707997	1

Q3THX4;P97390	Vacuolar protein sorting-associated Vps45	23.8594	23.9047	17	65.038	41.318	77	0.896798	1
P97427	Dihydropyrimidinase-related prote Crmp1	22.2018	24.2063	35	62.167	4.6056	8	0.302713	1
Q7TMN7;P97429;S	Annexin;Annexin A4 Anxa4	20.2205	20.5424	3	35.929	2.6453	4	0.607349	1
Q6NZC3;Q3TMQ7;I	Zinc transporter 3 Slc30a3	25.5982	25.8169	11	41.852	109.89	171	0.265111	1
Q3TB69;Q3UP74;P	Aminopeptidase N Anpep	22.9962	22.7632	10	80.398	12.486	21	0.890712	1
P97492	Regulator of G-protein signaling 14 Rgs14	22.7216	22.9031	13	59.846	27.967	21	0.547526	1
Q3UNA7;Q3TEF1;P	Glutamate--cysteine ligase catalytic Gclc	22.1531	22.6309	12	72.585	44.791	28	0.577039	1
Q544A1;P97765;A	WW domain-binding protein 2 Wbp2	22.9274	25.0608	10	28.032	50.601	89	0.281178	1
P97807	Fumarate hydratase, mitochondria Fh	28.606	28.7737	27	54.356	323.31	1010	0.418561	1
P97855;Q3UR88;Q	Ras GTPase-activating protein-binding G3bp1	21.9233	21.481	5	51.828	6.2569	12	0.234389	1
P97930;Q6GRA7;D	Thymidylate kinase Dtymk	21.2279	20.9669	6	23.914	8.8974	13	0.778329	1
P97952	Sodium channel subunit beta-1 Scn1b	22.325	22.5787	5	24.65	9.3302	20	0.78032	1
P99024	Tubulin beta-5 chain Tubb5	30.6691	30.5153	33	49.67	323.31	1767	0.262551	1
P99026	Proteasome subunit beta type-4 Psmb4	24.5866	23.9491	8	29.116	43.446	120	0.719207	1
P99027	60S acidic ribosomal protein P2 Rplp2	23.7845	22.816	4	11.651	19.821	47	0.621887	1
P99028	Cytochrome b-c1 complex subunit Uqcrc	23.3544	22.6351	4	10.435	46.273	35	0.651991	1
Q3UWS9;Q3U7H9;	Peroxiredoxin-5, mitochondrial Prdx5	29.9429	27.4798	13	20.713	323.31	1047	0.450956	1
Q543R4;Q00493	Carboxypeptidase E Cpe	25.4446	25.2836	20	53.255	138.33	169	0.413824	1
Q790Y8;Q00612;Q	Glucose-6-phosphate 1-dehydrogenase G6pdx	24.9297	24.6732	23	59.262	56.784	125	0.348573	1
Q3V2G1;Q00623;Q	Apolipoprotein A-I;Proapolipoprotein ApoA1	23.2299	25.0488	16	30.684	29.075	106	0.373756	1
Q00898	Alpha-1-antitrypsin 1-5 Serpina1e	23.5991	23.1248	13	45.891	59.996	56	0.379688	1
Q58EU7;Q00915	Retinol-binding protein 1 Rbp1	21.7658	21.6928	8	15.846	18.148	31	0.958279	1
Q00PI9	Heterogeneous nuclear ribonucleoprotein Hnrnpul2	25.7284	25.7713	20	84.939	84.993	135	0.922258	1
Q6PDS5;Q01065;Q	Calcium/calmodulin-dependent 3,5-phosphodiesterase Pde1b	24.6862	24.4922	18	52.536	90.316	76	0.724517	1
Q9D031;Q01730;A	Ras suppressor protein 1 Rsu1	22.8659	24.472	10	31.461	83.297	37	0.253312	1
Q01853;Q8BNF8	Transitional endoplasmic reticulum chaperone Vcp	29.7708	29.8044	50	89.321	323.31	1352	0.855649	1
Q3UZT7;Q02248;E	Catenin beta-1 Ctnnb1	27.9235	27.8288	33	85.496	323.31	510	0.600723	1
Q02257	Junction plakoglobin Jup	22.4983	22.132	13	81.8	11.084	16	0.614356	1
Q02788;D3Z7D5	Collagen alpha-2(VI) chain Col6a2	21.9641	20.9608	5	110.33	6.4345	17	0.36197	1
Q03137;Q99KA8	Ephrin type-A receptor 4;Receptor EphA4	25.4408	25.3511	18	109.81	77.931	134	0.831859	1
Q03141;Q9JKE5;Q	MAP/microtubule affinity-regulating factor Mark3	21.4625	21.2772	13	84.389	7.6183	12	0.135159	1
Q03265;D3Z6F5	ATP synthase subunit alpha, mitochondrial Atp5a1	31.9881	32.0622	39	59.752	323.31	4909	0.690325	1
Q80X33;Q03717;Q	Potassium voltage-gated channel subunit Kcnb1	22.672	23.2423	4	86.566	8.1323	13	0.434483	1

Q04447	Creatine kinase B-type	Ckb	32.4169	32.3512	28	42.713	323.31	6221	0.404637	1
Q04690	Neurofibromin	Nf1	25.649	25.5276	37	319.59	57.441	100	0.691861	1
Q8CBP1;Q8C762;Q	Non-specific protein-tyrosine kinas	Yes1	20.3591	21.1659	6	60.657	4.8868	7	0.199106	1
Q04857;Q8C6Y0	Collagen alpha-1(VI) chain	Col6a1	23.4764	23.103	10	108.49	18.615	30	0.606785	1
Q0VDL6;Q04899;Q	Cyclin-dependent kinase 18	Cdk18	22.2086	22.4492	8	51.847	17.863	32	0.794515	1
Q497I3;Q05816;Q3	Fatty acid-binding protein, epiderr	Fabp5	26.8479	24.4426	12	15.137	149.97	233	0.350081	1
Q05A62;D3YTL1	Dynein light chain 1, axonemal	Dnal1	23.6205	22.5757	3	21.465	6.1136	16	0.366127	1
Q05C56;Q9QYB5;Q	Gamma-adducin	Add3	26.0525	26.0424	22	76.616	161.92	175	0.956584	1
Q05D44;Q8BYY7	Eukaryotic translation initiation fac	Eif5b	22.1283	23.1624	5	137.61	9.5848	12	0.326634	1
Q06138;Q8K312	Calcium-binding protein 39	Cab39	25.4318	25.7067	18	39.842	124.96	220	0.349943	1
Q06185;Q5EBI8	ATP synthase subunit e, mitochondonc	Atp5i;Atp5k	27.515	25.0787	8	8.2355	41.198	206	0.343784	1
Q7TT34;Q64348;Ql	Amyloid-like protein 2	Aplp2	23.0244	23.2262	9	79.014	41.682	17	0.867351	1
Q549A5;Q06890;Q	Clusterin;Clusterin;Clusterin beta c	Clu	25.0613	25.1317	14	51.655	56.479	115	0.794467	1
Q922A2;Q3TJ49;Ql	Annexin;Annexin A7	Anxa7	25.7215	25.7875	19	49.909	144.38	282	0.846951	1
Q07417	Short-chain specific acyl-CoA dehyr	Acads	22.1151	22.0307	9	44.889	17.617	33	0.921634	1
Q08331;Q8CCS7	Calretinin	Calb2	24.0445	25.8075	17	31.372	33.484	158	0.435943	1
Q0KL02	Triple functional domain protein	Trio	26.2112	26.1921	39	347.86	129.87	223	0.773393	1
Q0P5W2;Q8C0L0;A	Thioredoxin-related transmembrar	Tmx4	23.1759	23.1774	5	37.131	11.178	56	0.995798	1
Q0PD15;Q8BHD0	Ras-related protein Rab-39A	Rab39;Rab39a	23.7152	24.3584	3	24.977	7.7808	45	0.593235	1
Q3TYH2;Q0PD40;Q	Ras-related protein Rab-15	Rab15	21.2758	20.7829	6	24.332	4.4549	11	0.534846	1
Q0PD62;Q9CZT8;A	Ras-related protein Rab-3B	Rab3b	24.7238	24.9439	6	24.757	19.813	163	0.431323	1
Q0PD66;Q9D1G1;C	Ras-related protein Rab-1B	Rab1b	25.7583	24.2287	10	22.187	61.486	140	0.252968	1
Q0QEZ4;Q9CQA3;C	Succinate dehydrogenase [ubiquinr	Sdhb	24.1482	27.2203	15	27.208	74.753	303	0.351766	1
Q0VB06;Q571F3;Q	Adaptin ear-binding coat-associate	Necap1	26.0529	25.9431	10	29.639	102.7	217	0.577202	1
Q0VBD0	Integrin beta	Itgb8	21.6276	20.9042	5	84.518	5.705	8	0.465666	1
Q0VF55	Calcium-transporting ATPase	Atp2b3	27.4488	27.6906	49	134.36	235.42	310	0.387361	1
Q0VGS8;Q9Z2W9	Glutamate receptor 3	Gria3	26.8341	26.9245	27	100.49	323.31	299	0.302061	1
Q3U281;Q0VGU0;C	GTP-binding protein SAR1b	Sar1b	23.6541	22.591	11	22.31	30.34	27	0.264851	1
Q0VGU4	Neurosecretory protein VGF	Vgf	21.416	21.206	1	68.231	29.057	20	0.854356	1
Q11011;E9Q039;Ff	Puromycin-sensitive aminopeptida	Npepps	28.5269	28.5036	46	103.32	323.31	849	0.876655	1
Q148P2;Q9D404	3-oxoacyl-[acyl-carrier-protein] syn	Oxsm	21.7346	21.938	7	48.643	16.524	26	0.796297	1
Q148T5;Q148T4;Ql	Tenascin	Tnc	21.0656	21.5956	3	172.25	5.8686	9	0.514598	1
Q149D1;Q8BH55;C	Threonine synthase-like 1	Thns11	22.8711	23.0425	13	83.099	22.855	31	0.450335	1

Q14AG7;Q920N7	Synaptotagmin-12	Syt12	22.027	22.3183	8	46.68	15.325	15	0.62132	1
Q14AZ9;Q8BGC4;Q	Zinc-binding alcohol dehydrogenas	Zadh2	22.4044	22.8207	8	40.528	18.339	37	0.586463	1
Q8CA04;Q14B21;Q	39S ribosomal protein L9, mitochoi	Mrpl9	20.3211	20.2402	2	30.274	4.3616	4	0.85492	1
Q14BB9	MAP6 domain-containing protein 1	Map6d1	25.505	23.6725	6	20.432	21.075	66	0.257045	1
Q14BF8;Q5NCF2;B	Trafficking protein particle comple	Trappc1	21.1037	19.5365	3	16.881	4.3259	15	0.166338	1
Q14BH8	Cacna2d1 protein	Cacna2d1	28.0721	27.9751	36	122.7	323.31	357	0.460166	1
Q14BI2;A0A0J9YVF	Metabotropic glutamate receptor 1	Grm2	26.7436	26.841	23	95.886	199.54	239	0.655314	1
Q14BV7;Q9D061	Acyl-CoA-binding domain-containir	Acbd6	21.4229	22.7931	7	30.887	11.664	22	0.278662	1
Q14C24;Q9D883;G	Splicing factor U2AF 35 kDa subuni	U2af1	20.8164	21.6576	6	27.815	11.711	18	0.403516	1
Q14C26;Q9EP72	ER membrane protein complex sub	Emc7	21.6383	21.0452	4	26.31	5.8188	7	0.577039	1
Q14C38;Q8CCT4	Transcription elongation factor A p	Tceal5	23.9176	24.066	7	22.038	68.608	61	0.758369	1
Q8BSI7;Q14C51;Q	Pentatricopeptide repeat domain-c	Ptcd3	20.5531	21.3151	3	51.963	5.9286	12	0.178599	1
Q19AB3;Q7TPD3;Q	Roundabout homolog 2	Robo2	22.4385	23.264	7	167.25	5.5845	9	0.566118	1
Q1A602	Non-muscle alpha-actinin 4	Actn4	24.3307	24.2925	59	104.91	5.0044	15	0.963456	1
Q3TWP9;Q3TM70;E	H domain-containing protein 4	Ehd4	20.8986	22.2169	11	61.466	9.0625	22	0.126024	1
Q1MXF8;Q56A07	Sodium channel subunit beta-2	Scn2b	24.2038	24.16	8	24.227	29.041	45	0.903544	1
Q9D6G1;Q544Z3;Q	Heterogeneous nuclear ribonucleo	Hnrnpab	24.8755	24.9132	9	29.922	43.976	160	0.847542	1
Q2KHK7;Q8BI08	Protein MAL2	Mal2	26.6677	26.7634	2	19.094	46.151	132	0.532445	1
Q2M3X8;B1B1B8	Phosphatase and actin regulator 1;	Phactr1	23.9341	23.824	11	66.285	24.805	37	0.581868	1
Q2UZW7;Q6PER3	Microtubule-associated protein RP	Mapre3	26.4982	27.4058	19	31.966	171.53	361	0.281169	1
Q2YDW1;Q3UGC7;	Eukaryotic translation initiation fac	Eif3j;Eif3j1;Eif3j	22.2161	21.5106	9	25.276	18.583	19	0.363543	1
Q9DCC5;Q32P00;I	Chromobox protein homolog 3	Cbx3	24.0762	22.1267	5	20.811	24.196	27	0.238399	1
Q32P16;Q91V09;S	WD repeat-containing protein 13	Wdr13	23.425	23.3344	10	53.663	47.997	59	0.893351	1
Q3B7Z2	Oxysterol-binding protein 1	Osbp	22.878	22.6613	10	88.796	15.29	35	0.597496	1
Q3KN99;Q8JZP2	Synapsin-3	Syn3	24.6355	24.6057	17	63.312	86.58	87	0.852198	1
Q3KNA5;Q8BHH2	Ras-related protein Rab-9B	Rab9b	21.6621	21.6537	4	22.704	5.8414	23	0.993633	1
Q3KQQ1;Q3UVN5;I	NSFL1 cofactor p47	Nsfl1c	26.0576	26.1946	18	40.594	181.24	223	0.521472	1
Q3KQQ4;Q91X22	Serpina1b protein	Serpina1b	25.2365	25.0609	16	45.896	138.9	151	0.598225	1
Q3ZB62;Q3T1F6;Q	Myelin-associated glycoprotein	Mag	24.6705	25.0682	11	64.296	37.057	109	0.520408	1
Q3TN93;Q3T992;Q	Ubiquilin-1	Ubqln1	23.2378	23.5596	11	58.678	20.875	59	0.445208	1
Q78KL9;Q3TAV0;Q	Oligoribonuclease, mitochondrial	Rexo2	22.5177	22.5044	3	23.613	18.784	17	0.994604	1
Q3TE80;Q3T9M2;A	0A087WSJ7;Q9CWW9	2410002F23Rik	20.3404	19.9968	3	32.373	3.5126	6	0.418261	1
Q3T9Z2;Q91Z53;D	Glyoxylate reductase/hydroxypyruv	Grhpr	25.2661	25.5556	17	35.328	282	170	0.63076	1

Q8K239;Q3TA37;Q Elongation factor Ts;Elongation fac Tsfm	23.04	24.8621	8	35.116	79.614	74	0.321751	1
Q3TA40;Q8R0A7;Q Uncharacterized protein KIAA0513 6430548M08Ril	25.0104	24.7968	19	45.218	83.362	140	0.634448	1
Q3TA75;Q6P5B5;Q Fragile X mental retardation syndrc Fxr2	22.3011	21.4794	5	70.528	8.1365	10	0.415841	1
Q3TBX9;Q3UGI8;Q Tuberin Tsc2	23.4728	23.1782	9	157.14	15.304	24	0.284291	1
Q3TCD4;Q9WUR2;Q Enoyl-CoA delta isomerase 2, mito Eci2	21.6835	21.6231	6	41.779	10.395	38	0.870855	1
Q3TCH7;Q3UD60;C Cullin-4A Cul4a	20.6637	20.9829	11	87.752	3.4224	5	0.193104	1
Q543B9;Q3TCS0;Q Prolyl endopeptidase Prep	25.1865	25.2458	23	80.751	78.849	130	0.870259	1
Q3TD51;Q570Z8 Phosphatidylinositol-binding clathr Picalm	23.3333	24.0606	15	64.647	128.82	46	0.507515	1
Q3TD71;Q8K021;Q Secretory carrier-associated memb Scamp1	26.1327	26.3	10	38.028	123.21	102	0.788	1
Q7TMG8;Q3TD78;C Protein NipSnap homolog 2 Gbas	25.6108	26.9949	13	32.898	202.97	233	0.337031	1
Q3TDA1;Q8BX94;Q Oxysterol-binding protein;Oxysterc Osbpl2	21.4643	21.4801	9	55.372	13.183	20	0.979785	1
Q3TDA7;Q9WVE8;C Protein kinase C and casein kinase Pacsin2	24.1569	23.7445	11	55.832	59.134	41	0.285565	1
Q3TDD8;Q3UGC0;C Eukaryotic translation initiation fac Eif4b	25.5603	25.4864	15	68.709	222.33	64	0.777569	1
Q3TDD9 Protein phosphatase 1 regulatory s Ppp1r21	22.525	22.751	14	88.337	28.807	27	0.821323	1
Q3U6V5;Q3TL10;Q Eukaryotic peptide chain release fa Etf1	21.5585	21.0352	8	43.571	17.657	23	0.55558	1
Q3TDK6 Protein rogdi homolog Rogdi	23.1043	24.585	13	32.1	74.473	104	0.267705	1
Q3TDL0;Q8BV13 COP9 signalosome complex subuni Cops7b	21.7893	21.5069	3	29.707	10.688	15	0.890412	1
Q3TDN2;D3Z2H4 FAS-associated factor 2 Faf2	22.0085	22.4017	7	52.471	17.017	41	0.203199	1
Q3TDN8;Q8R164 Valacyclovir hydrolase Bphl	24.1517	25.5388	15	33.705	77.86	152	0.443162	1
Q3TDX2;Q8VEJ9 Vacuolar protein sorting-associated Vps4a	21.4629	21.6125	7	48.834	15.59	23	0.891437	1
Q3TE95;Q8BP92 Reticulocalbin-2 Rcn2	22.4225	21.8131	9	41.039	30.362	37	0.615403	1
Z4YKB8;Q3TEA8;Z4 Heterochromatin protein 1-binding Hp1bp3	24.2859	23.6553	11	60.85	60.818	67	0.255274	1
Q3TEN9;Q64516;Q Glycerol kinase Gyk;Gk	24.7239	24.693	23	57.427	92.057	133	0.790901	1
Q3TES0;Q3UHH6 IQ motif and SEC7 domain-containing lqsec3	23.3401	23.2462	9	129.12	14.099	19	0.459508	1
Q5PPQ7;Q499X7;Q Coronin;Coronin-1C Coro1c	27.1338	27.0357	22	53.092	323.31	419	0.715038	1
Q3TEX7;Q80U63;Q Mitofusin-2 Mfn2	23.6595	24.174	22	86.186	44.864	60	0.29601	1
Q4FK11;Q3UM20;C Non-POU domain-containing octan Nono	26.3912	26.4285	20	54.54	146.46	173	0.900191	1
Q3TF84;Q922Q8 Leucine-rich repeat-containing pro Lrrc59	22.8577	23.6546	11	20.408	41.253	59	0.408829	1
Q3TMC5;Q3TF87;C Aspartate--tRNA ligase, cytoplasmic Dars	25.8188	25.9246	25	57.181	93.761	194	0.593212	1
Q3TFD0;Q9CZN7;Q Serine hydroxymethyltransferase Shmt2	22.0602	22.6934	9	55.42	14.549	24	0.344198	1
Q3TFF0 Uncharacterized protein Dnaja2	25.3562	25.6071	17	45.746	129.23	245	0.166574	1
Q8BWW3;Q8BZ65; Phosphoacetylglucosamine mutase Pgm3	22.1237	22.8921	10	54.989	17.907	27	0.433754	1
Q3TFK2;Q8C0C2;Q Ubiquitin carboxyl-terminal hydroly Usp11	19.9471	20.6958	5	62.958	3.2552	6	0.034656	1

Q6PDC2;Q9CZL0;Q Transmembrane emp24 domain-c	22.1275	22.893	4	27.127	6.3598	27	0.506716	1
Q3TG12;Q9WUA2; Phenylalanine--tRNA ligase beta su	24.997	25.1214	19	65.565	48.98	165	0.233684	1
Q3TGR2;Q8K0E8 Fibrinogen beta chain;Fibrinopepti	21.3003	21.1996	12	54.752	68.523	28	0.710085	1
Q6ZWQ5;Q3TGS7; Sorting nexin-12 Snx12	26.7708	24.4887	13	18.884	33.293	171	0.369428	1
Q3U4R0;Q3TGX0;C Secretory carrier-associated memb	22.4899	20.1851	2	25.368	5.5476	18	0.052987	1
Q3TH57;Q8CGF7 Transcription elongation regulator	22.5068	22.195	7	123.79	6.843	17	0.72532	1
Q544H0;Q3THA0;C Eukaryotic translation initiation fac	22.1102	22.651	6	35.638	23.454	50	0.183009	1
Q3THA6;Q8BL97 Serine/arginine-rich splicing factor	24.0083	24.2163	10	27.377	22.394	58	0.737757	1
Q3THC1;Q9CR00;Q 26S proteasome non-ATPase reguli	21.6133	23.068	8	24.692	16.435	25	0.103554	1
Q3THE2;Q6ZWQ9; Myosin regulatory light chain 12B	24.3944	22.5369	7	19.779	8.2257	71	0.25115	1
Q3TMT4;Q3THE7;C 4-trimethylaminobutyraldehyde de	24.8035	24.8145	16	53.529	135.08	97	0.977497	1
Q3THH1;Q922R8;Q Protein disulfide-isomerase A6	25.6524	25.8384	11	48.657	182.29	247	0.39792	1
Q3TIG8;Q3THL7;F2 Voltage-dependent anion-selective	28.7028	30.9774	22	30.795	323.31	2730	0.25205	1
Q8BU29;Q6NXZ0;C Dipeptidyl peptidase 3 Dpp3	26.4015	26.4757	31	82.882	178.72	184	0.460969	1
Q3THQ5;Q60864 Stress-induced-phosphoprotein 1	28.1777	28.2008	42	62.5	323.31	486	0.950079	1
Q99J57;Q3THS6; S-adenosylmethionine synthase;S-	24.1083	24.1261	14	43.688	39.248	94	0.973481	1
Q3THU8;Q8VEM8; Phosphate carrier protein, mitochc	29.9627	30.1162	23	39.613	271.17	862	0.814424	1
Q3UWN7;Q3UCY7; V-type proton ATPase subunit S1	24.9338	24.9247	6	41.856	36.02	134	0.963153	1
Q6NZD2;Q3U4S1;C Sorting nexin-1 Snx1	25.132	25.0883	17	58.878	95.377	96	0.754142	1
Q3TI65;Q9CRB8 Mitochondrial fission process prote	23.7121	22.3284	7	18.318	14.835	77	0.28289	1
Q3TIC8;Q9CZ13;Q3 Cytochrome b-c1 complex subunit	29.1967	29.363	23	52.752	323.31	1356	0.655245	1
Q3TX06;Q3TIK1;Q9 Golgi reassembly-stacking protein	22.1891	21.5019	6	47.068	17.678	18	0.582174	1
Q8BU21;Q8BML9; Glutamine--tRNA ligase Qars	24.8854	24.9748	18	87.729	43.894	33	0.83986	1
Q542F1;Q3TIP8;Q9 Chloride intracellular channel prote	21.3377	21.7023	6	27.013	4.0391	12	0.308531	1
Q3TIR3;A0A1B0GSI Synembryn-A Ric8a	21.2294	21.3956	6	59.846	10.272	8	0.800756	1
Q80ZZ0;Q3TIT3;Q8 EH domain-containing protein 1	24.0278	23.7392	27	60.602	41.74	52	0.766799	1
Q3TIU7;Q91VD9;Q NADH-ubiquinone oxidoreductase	29.6835	29.739	43	79.662	323.31	1076	0.86442	1
Q8C292;Q8C1V4;Q Lysine--tRNA ligase Kars	23.8587	24.0649	16	67.883	33.293	70	0.290588	1
Q3TJ01;Q99LF4 tRNA-splicing ligase RtcB homolog	25.3247	25.1373	24	55.253	108.74	166	0.6041	1
Q3TJA9;Q99M87 DnaJ homolog subfamily A membe	23.5786	22.5518	9	49.486	76.282	43	0.49383	1
Q3TJC2;Q61205;D3 Platelet-activating factor acetylhyd	22.4881	24.293	11	25.853	16.183	63	0.289567	1
Q6GQU1;Q3TJE3;Q Hexokinase;Hexokinase-1 Hk1	31.5431	31.4771	62	102.3	323.31	2758	0.796399	1
Q3TJG6;Q9R0Q7;D Prostaglandin E synthase 3	26.8885	24.4955	8	18.747	91.563	135	0.349817	1

Q8C5E7;Q3TJN6;Q Sorting nexin-5	Snx5	22.0509	22.102	9	46.798	25.392	40	0.974597	1
Q543Y2;Q3TJP6;Q Hematopoietic progenitor cell anti	Cd34	22.5417	21.6447	4	35.262	10.35	16	0.443879	1
Q3U6Z1;Q3TJX0;Q Plastrin-2	Lcp1	23.1707	23.304	14	70.172	19.423	21	0.714445	1
Q922Z3;Q3UPJ8;Q Heat shock protein 75 kDa, mitoch	Trap1	23.8864	23.9569	18	80.077	54.374	66	0.772469	1
Q3TKM9;Q9CPW4; Actin-related protein 2/3 complex	Arpc5	25.8029	23.7532	4	16.228	27.364	114	0.369513	1
Q3TKV1;Q8VDM4;C 26S proteasome non-ATPase regul	Psmc2;Gm5422	27.1349	26.9718	38	100.2	267.48	387	0.444271	1
Q3TL72;Q8C878;Q NEDD8-activating enzyme E1 catal	Uba3	22.6414	23.2485	14	49.957	52.532	44	0.56746	1
Q3TL79;Q8BK64 Activator of 90 kDa heat shock pro	Ahsa1	24.3642	24.1952	12	38.145	102.74	109	0.620422	1
Q3TLE2;Q8CIB5;Q Fermitin family homolog 2	Fermt2	23.388	23.4759	14	77.8	45.184	42	0.782907	1
Q9JJQ6;Q3TLS9;Q8 Factor VIII intron 22 protein	F8a;F8a1	22.219	21.9503	7	40.473	69.627	17	0.565942	1
Q3UDN2;Q3TX19;C Vacuolar protein sorting-associat	Vps53	23.9562	24.009	17	94.35	78.375	41	0.763718	1
Q3TM89;Q3UCC5;C PEST proteolytic signal-containing	Pcnp	20.8167	21.3288	3	15.561	8.4212	5	0.425075	1
Q3TMH2 Secernin-3	Scrn3	23.2086	23.3549	8	47.661	20.751	56	0.687363	1
Q3UIJ2;Q3TML6;Q Eukaryotic translation initiation fac	Eif2s3x;Eif2s3y	24.7567	24.4445	16	51.105	100.2	74	0.13751	1
Q8BM63;Q3TMN8; 5-AMP-activated protein kinase sul	Prkag2	21.1538	21.0782	5	30.466	6.5172	19	0.706	1
Q3TMZ1;Q922Q4;C Pyrroline-5-carboxylate reductase;	Pycr2	21.3467	22.6535	10	33.659	16.068	27	0.284051	1
Q3TN26;Q3TP13;Q Long-chain fatty acid transport pro	Slc27a1	22.6853	22.84	7	69.409	7.2207	14	0.901945	1
Q542H2;Q3TN31;Q Proteasome subunit alpha type;Prc	Psma7	25.1601	26.8711	13	27.855	157.74	305	0.383421	1
Q3TN35;Q8BJU0 Small glutamine-rich tetratricopept	Sgta	24.2988	24.3125	10	34.194	41.766	135	0.967691	1
Q3TNH0;Q3UR33;C Lamina-associated polypeptide 2, i	Tmpo	23.2638	22.8815	11	46.049	48.674	45	0.288506	1
Q3TPD9;Q3U2X5;C Amine oxidase [flavin-containing]	A Maoa	26.0158	26.1619	16	58.786	76.365	181	0.497957	1
Q3TPX4;Q3U8A5;E Exocyst complex component 5	Exoc5	22.6131	23.2297	13	81.737	44.261	40	0.272616	1
Q3TPZ5;Q99KJ8 Dynactin subunit 2	Dctn2	26.7928	26.9255	19	44.116	323.31	340	0.72337	1
Q3TQK9;E9PXB7;Q E3 ubiquitin-protein ligase NEDD4-	Nedd4l	22.4923	22.2706	12	103.61	10.704	22	0.62359	1
Q3TQY2;Q8CBY8 Dynactin subunit 4	Dctn4	24.1582	24.1046	13	52.241	63.927	81	0.847395	1
Q3TR90;Q9JMG7 Hepatoma-derived growth factor-r	Hdgfrp3	22.366	24.0503	6	19.822	12.426	63	0.319463	1
Q3TRJ1;Q9EQH3;Q Vacuolar protein sorting-associat	Vps35	28.2497	28.4114	42	91.712	323.31	793	0.239827	1
Q3TRJ7;Q62419;Q Endophilin-A2	Sh3gl1	25.2679	25.2609	18	41.518	100.54	89	0.976086	1
Q3UZI3;Q3TW51;Q Staphylococcal nuclease domain-cc	Snd1	25.3669	25.3051	25	102.09	76.707	122	0.926425	1
Q3TS44;Q9R1P4;A Proteasome subunit alpha type;Prc	Psma1	24.3596	26.622	21	29.546	110.14	262	0.373097	1
Q3TT94;Q571J7;Q Serine/threonine-protein phosphat	Ppp2r2a	26.6314	26.5339	16	51.691	270.15	361	0.588733	1
Q3TU79;Q9QYJ3;Q DnaJ homolog subfamily B membe	Dnajb1	21.599	22.8918	10	38.167	21.078	34	0.253662	1
Q3UPK6;Q3TUX3;C Proteasome subunit alpha type;Prc	Psma5;Gm8394	23.7957	26.0279	10	26.411	119.38	157	0.368742	1

Q3TV20;Q61024;Q Asparagine synthetase [glutamine- Asns	22.6951	22.4692	8	64.286	14.699	45	0.575026	1
Q3TVJ8;Q9D8L3;Q Translocon-associated protein sub Ssr4	22.7877	22.2287	4	18.936	10.524	24	0.608063	1
Q8CAJ7;Q3U3I6;Q Aspartyl aminopeptidase Dnpep	24.4048	23.8046	16	52.206	87.279	100	0.536873	1
Q3UYP2;Q3TVT6;Q Prenylcysteine oxidase Pcyox1	24.8858	25.0485	14	56.466	73.944	102	0.592774	1
Q99JB5;Q9CPS5;Q 26S proteasome non-ATPase reguli Psmc8	21.9936	23.7122	7	29.938	25.701	52	0.307346	1
Q542K4;Q3TVZ1;Q Catalase Cat	23.9869	23.8102	18	59.765	49.032	55	0.548757	1
Q3TW28 Tripeptidyl-peptidase 2 Tpp2	27.2359	27.4705	43	138.46	263.6	312	0.494354	1
Q3TW74;Q922D8;C C-1-tetrahydrofolate synthase, cyto Mthfd1	24.676	24.5672	16	101.17	57.371	66	0.903031	1
Q8BVK3;Q3TW96 UDP-N-acetylhexosamine pyrophospho Uap1l1	22.7576	23.0115	8	56.872	22.763	34	0.677538	1
Q3TWG5;Q8R1Q8 Cytoplasmic dynein 1 light intermediate Dync1li1	26.8538	26.8271	29	56.614	256.95	339	0.880982	1
Q3ULF7;Q3TWJ4;Q Actin-related protein 3 Actr3	28.2597	28.2472	24	47.357	323.31	763	0.97557	1
Q3TWN8;Q9Z110;C Delta-1-pyrroline-5-carboxylate synth Aldh18a1	23.0298	23.3301	13	87.262	32.041	34	0.600283	1
Q3TWW8;Q8BKL0; Serine/arginine-rich splicing factor Srsf6;Srsf4	21.9066	21.4543	4	39.025	6.5092	17	0.798204	1
Q3UA21;Q3TX70;Q Syntaxin-6 Stx6	22.0254	23.399	6	28.997	21.356	40	0.283804	1
Q5RKP0;Q499X4;Q Synaptic vesicle membrane protein Vat1	25.755	25.7394	16	42.521	165.57	196	0.964239	1
Q99JZ4;Q3TXJ4;P3 GTP-binding protein SAR1a Sar1a	25.471	23.194	11	22.399	30.34	91	0.316992	1
Q3TXK6;Q9QZE7;A Translin-associated protein X Tsnax	21.8508	23.1391	7	32.912	16.811	34	0.164736	1
Q3TXN1;Q8VDQ1 Prostaglandin reductase 2 Ptgr2	23.341	23.524	6	34.268	47.973	46	0.813928	1
Q3TXS7;Q8BU34;Q 26S proteasome non-ATPase reguli Psmc1	26.6255	26.5758	26	105.73	111.71	211	0.812702	1
Q3UXP2;Q3TXT7;Q RuvB-like 2 Ruvbl2	22.7664	23.0666	13	51.143	35.549	41	0.703654	1
Q3TXU5 Deoxyhypusine synthase Dhps	21.9056	21.7332	7	40.642	19.211	17	0.605671	1
Q3TXV4;Q921E2 Ras-related protein Rab-31 Rab31	22.8469	21.6946	6	21.462	10.162	29	0.156632	1
Q7TPN5;Q3TXX8;Q Neural Wiskott-Aldrich syndrome protein Wasl	24.2788	23.7377	14	54.258	77.811	54	0.365723	1
Q3URF1;Q3TY32;Q Synaptopodin Synpo	27.4089	26.8814	25	74.016	323.31	428	0.00212	1
Q3TY78;Q66L47;Q Guanine nucleotide-binding protein Gnal	22.9352	21.869	8	44.281	59.172	19	0.394838	1
Q3TYA4;Q8R3T5;B Syntaxin-binding protein 6 Stxbp6	21.4874	20.1841	4	23.685	4.6599	7	0.13785	1
Q6DFY2;Q3TYL3 Opioid-binding protein/cell adhesion Opcml	26.4117	26.4043	11	37.156	77.675	333	0.979814	1
Q3TYX3 SET and MYND domain-containing Smyd5	21.8194	21.2095	6	47.095	12.149	19	0.377258	1
Q3UJ89;Q3TZ45;Q Acetyl-coenzyme A synthetase;Ace Acss1	22.1543	21.6327	5	74.622	7.9089	15	0.28099	1
Q3TZE2;Q7TQG7;Q Disintegrin and metalloproteinase Adam11	21.6986	21.8929	6	84.038	6.7182	8	0.829362	1
Q3U0F3;Q91VK4;A Integral membrane protein 2C;CT-1 Itm2c	21.2382	22.4452	5	30.51	13.801	28	0.16697	1
Q3U0M1;E9PZ41;E Trafficking protein particle complex Trappc9	22.7757	22.5198	10	128.23	18.66	16	0.137948	1
Q3U0T9;Q6PHN9 Ras-related protein Rab-35 Rab35	23.7662	24.5303	9	23.025	51.694	108	0.611327	1

Q3U0U5;Q3TC53;C Adenylyl cyclase-associated protein Cap1	28.9128	28.8991	28	51.574	323.31	790	0.95324	1
Q3U0V1 Far upstream element-binding protein Khsrp	25.3463	25.445	20	76.775	78.158	102	0.812814	1
Q3U125;Q9CYH2;D Redox-regulatory protein FAM213/ Fam213a	24.6317	24.4538	11	25.682	15.148	89	0.30397	1
Q5PPR2;Q3U1G4;C Exocyst complex component 1 Exoc1	23.4572	23.0015	11	100.19	42.455	35	0.5526	1
Q3U1J4;Q91YC8 DNA damage-binding protein 1 Ddb1	27.6284	27.555	38	126.85	201.87	390	0.848946	1
Q3U5I5;Q3U1Q4;Q Growth factor receptor-bound protein Grb2	23.9344	25.6562	15	25.238	45.312	132	0.379392	1
Q3U1S6;Q91W50;C Cold shock domain-containing protein Csde1	24.3992	24.7785	19	88.79	76.161	87	0.420008	1
Q3U1V3;Q99MK8;C Beta-adrenergic receptor kinase 1 Adrbk1	24.2722	23.9648	19	79.638	62.441	68	0.585533	1
Q3U297;Q80ZJ6 Protein zer-1 homolog Zer1	21.7597	21.7238	5	87.737	57.432	13	0.963425	1
Q3U2G2;Q571M2;C Heat shock 70 kDa protein 4 Hspa4	29.1878	29.0262	53	94.208	323.31	963	0.654632	1
Q3U2G9;Q9D997;C N-acetyl-D-glucosamine kinase Nagk	22.5356	22.2271	8	37.268	17.034	41	0.734584	1
Q3U3T6;Q3U335;C Serine/threonine-protein kinase 24 Stk24	23.3938	23.2319	12	47.954	42.451	49	0.803244	1
Q3U379;Q9QZF2 Glypican-1;Secreted glypican-1 Gpc1	24.8172	24.5036	9	61.359	39.785	47	0.253872	1
Q3U3H5;Q68FH4;C N-acetylgalactosamine kinase Galk2	20.4022	20.4375	6	50.503	7.08	7	0.967019	1
Q99L69;Q3U3J1;P5 2-oxoisovalerate dehydrogenase subunit Bckdha	22.1224	22.2376	9	50.358	40.462	25	0.842023	1
Q4FJQ6;Q3U3L3;QI Serpin B6 Serpinb6a;Serpin	24.0883	24.1706	11	42.598	49.56	74	0.820937	1
Q3U484;Q62095 ATP-dependent RNA helicase DDX3 Ddx3y	26.2439	26.1945	25	73.384	114.88	206	0.875287	1
Q3U489;Q9WUR9;C Adenylate kinase 4, mitochondrial Ak4	24.5213	26.2764	13	25.061	89.467	268	0.397437	1
Q3U4H0;Q61166 Microtubule-associated protein RP Mapre1	24.9151	25.5661	12	30.016	78.929	81	0.296218	1
Q3U4W8;P56399 Ubiquitin carboxyl-terminal hydrolase Usp5	28.5561	28.6508	37	93.354	323.31	785	0.585482	1
Q3V1M8;Q3U4Z7;C Vigilin Hdlbp	24.6341	25.0279	20	141.74	43.082	57	0.270674	1
Q5XJF6;Q3U561;P5 Ribosomal protein;60S ribosomal protein Rpl10a	23.0865	25.0911	9	24.831	22.502	115	0.317282	1
Q3U5L3;Q9CWX8;C Sorting nexin-2 Snx2	25.1159	25.0569	19	58.48	106.17	122	0.438277	1
Q3U5Q7 UMP-CMP kinase 2, mitochondrial Cmpk2	23.2615	23.3934	15	50.036	36.619	58	0.612934	1
Q9D066;Q924B0;Q Inositol monophosphatase 1 Impa1	24.7691	26.8526	18	30.395	104.16	264	0.32743	1
Q78P93;Q3U646;Q Acid ceramidase;Acid ceramidase subunit Asah1	23.5365	23.5268	15	44.669	52.573	130	0.990856	1
Q6NZM8;Q3U647;C Bifunctional 3-phosphoadenosine phosphatase Papss1	22.0335	21.7403	3	68.494	15.862	8	0.365276	1
Q3UCC6;Q3U6C7;C Succinyl-CoA ligase subunit beta;Subunit Sucla2	28.0352	28.0058	30	50.796	323.31	677	0.942223	1
Q3U6L3;Q9QUH0;C Glutaredoxin-1 Glrx	21.4993	20.958	4	11.871	8.1777	13	0.597194	1
Q3U6P5;Q9Z204 Heterogeneous nuclear ribonucleoprotein Hnrnpc	25.8463	25.9061	13	36.905	59.786	163	0.667357	1
Q3U6T2;Q9QWR8;C Alpha-N-acetylgalactosaminidase Naga	21.2095	21.5773	2	47.25	5.4	14	0.610792	1
Q3U6U7;Q3UDG2;C Tryptophan--tRNA ligase, cytoplasmic Wars	24.4926	24.6717	25	53.64	114.15	183	0.589445	1
Q3U741;Q501J6;Q Probable ATP-dependent RNA helicase Ddx17	24.4748	24.6383	24	72.584	44.454	73	0.149089	1

Q3U7Z6;Q9DBJ1;Q Phosphoglycerate mutase 1	Pgam1	28.6653	30.9781	22	28.832	323.31	1491	0.3643	1
Q3U878;Q3UGB5;C DAZ-associated protein 1	Dazap1	23.4059	23.5739	5	43.077	35.566	50	0.407678	1
Q3U893;Q8C166;B Copine-1	Cpne1	23.5381	23.645	9	58.928	34.688	39	0.716463	1
Q5SWN2;Q3U8B3;I Replication protein A 70 kDa DNA-I Rpa1		21.3298	21.4501	3	71.413	2.6499	6	0.941316	1
Q3U8R9;Q8CDN6;C Thioredoxin-like protein 1	Txnl1	24.5928	24.46	12	32.179	92.702	101	0.680975	1
Q3U8S0;Q9DCR2 AP-3 complex subunit sigma-1	Ap3s1	22.4418	21.4953	7	21.732	20.482	24	0.454532	1
Q8VHM5;Q3UMT8;Q3U8W9;Q99KG1;Q3UZI0;Q3UKV5 Hnrnpr		25.533	25.6988	22	70.887	55.188	172	0.414807	1
Q6IRT4;Q8BTW2;Q Eukaryotic translation initiation fac Eif3f		23.7911	24.0824	10	37.881	56.339	53	0.530892	1
Q3U926;Q66GT5 Phosphatidylglycerophosphatase a Ptpmt1		22.0408	22.0315	6	28.692	9.5028	18	0.983567	1
Q3U9A8;Q9JJU8 SH3 domain-binding glutamic acid- Sh3bgrl		22.3028	21.149	7	12.739	9.969	23	0.495463	1
Q3U9U5;Q61335 B-cell receptor-associated protein : Bcap31		22.8616	23.0172	6	27.986	8.2503	23	0.872289	1
Q3UA17;Q791V5;A Mitochondrial carrier homolog 2 Mtch2		27.147	27.2033	13	33.489	152.5	326	0.856923	1
Q80W39;Q3UJB0;C Splicing factor 3b, subunit 2 Sf3b2		24.2898	23.9851	10	98.183	15.922	34	0.508034	1
Q3UBP6;Q3UBQ4 Actin, cytoplasmic 1 Actb		29.8559	29.9397	30	41.768	125.6	434	0.800461	1
Q3UBU9;Q62446 Peptidyl-prolyl cis-trans isomerase; Fkbp3		23.0643	23.8947	10	25.147	31.949	50	0.452312	1
Q3UC72;Q3UPA3;C Rab GDP dissociation inhibitor beta Gdi2		29.2492	29.2321	40	57.439	323.31	1552	0.911651	1
Q3UCW0;Q61187;I Tumor susceptibility gene 101 prot Tsg101		21.9271	22.0873	7	44.123	13.813	35	0.846265	1
Q8C2Q8;Q9D9D7;C ATP synthase subunit gamma;ATP : Atp5c1		27.3256	28.9177	16	30.255	251.66	625	0.263849	1
Q3UD67;Q8BGQ7;C Alanine--tRNA ligase, cytoplasmic Aars		27.4	27.1696	34	106.88	323.31	283	0.547448	1
Q80X31;Q3UDC9;C Sodium/hydrogen exchanger;Sodiu Slc9a1		23.8556	23.8747	6	91.499	19.551	21	0.971867	1
Q3UDE2 Tubulin--tyrosine ligase-like proteir Ttl12		22.4874	22.7103	10	74.042	14.575	33	0.713325	1
Q3UDH4;Q80ZX0 Sec24-related gene family, membe Sec24b		22.9884	22.9859	6	112.07	15.499	22	0.998269	1
Q3UDQ7;Q8JZQ2;C AFG3-like protein 2 Afg3l2		25.2851	25.4991	23	88.748	112.22	112	0.512976	1
Q3UE37 Ubiquitin-conjugating enzyme E2 Z Ube2z		21.9172	22.5748	7	38.368	13.545	21	0.209265	1
Q3UKF5;Q3UE92;Q Xaa-Pro aminopeptidase 1 Xpnpep1		24.3579	24.7503	19	69.59	51.949	96	0.392831	1
Q3UEB3;Q0VDY2 Poly(U)-binding-splicing factor PUF Puf60		23.3367	23.2345	13	60.248	51.999	29	0.638964	1
Q3UEM7;Q3UER8;I Fibrinogen gamma chain Fgg		21.1447	21.957	6	49.391	11.469	34	0.224254	1
Q3UF95;Q9Z1R2;G Large proline-rich protein BAG6 Bag6		25.428	25.4441	17	119.14	90.245	88	0.958678	1
Q3UFY7;A0A0R4J1 7-methylguanosine phosphate-spe Nt5c3b		20.6157	21.6759	6	34.425	6.5487	12	0.224381	1
Q3UFZ6;Q60865 Caprin-1 Caprin1		22.6322	23.4199	6	37.582	16.908	22	0.488204	1
Q8BNH4;Q3UHC4;C Kinesin-like protein;Kinesin-like prc Kif3b		23.2224	23.386	13	85.259	46.594	38	0.497602	1
Q3V331;Q3UG14;P Guanine nucleotide-binding proteir Gnb5		26.5643	26.6584	12	38.765	297.4	223	0.761439	1
Q3UGC1;Q8C079;B Striatin-interacting protein 1;Striat Strip1;Strip2		22.0439	21.8679	3	95.657	3.488	14	0.881205	1

Q3UGC8;Q91ZA3	Propionyl-CoA carboxylase alpha cl Pcca	26.3183	26.2027	28	79.921	127.76	188	0.608622	1
Q3UGK2;Q3UZ17;C	Putative RNA-binding protein Luc7- Luc7l2	21.9151	21.5521	7	45.441	8.1177	25	0.447312	1
Q5SUH7;Q3UPG6;C	Clathrin interactor 1 Clint1	21.5696	21.0823	4	67.73	13.11	13	0.592524	1
Q3UGM5;Q6PEB6;I	MOB-like protein phocein Mob4	22.6147	24.6088	9	26.002	55.705	62	0.339549	1
Q3UGR5	Haloacid dehalogenase-like hydrolase Hdhhd2	24.2205	26.1935	10	28.73	69.925	225	0.375677	1
Q3UGY7;Q6NS60	F-box only protein 41 Fbxo41	23.7687	22.6801	12	94.33	23.334	32	0.360904	1
Q3UGY8	Brefeldin A-inhibited guanine nucleotide Arfgef3	24.772	24.9297	25	240.09	42.648	70	0.559342	1
Q3UH19	Microtubule-associated protein Mapt	28.835	28.8574	20	44.951	323.31	767	0.95954	1
Q3UH39;Q61330;C	Contactin-2 Cntn2	24.1907	24.2219	11	113.24	27.527	44	0.906694	1
Q3UH59;Q61879;C	Myosin-10 Myh10	30.0994	30.0246	121	233.45	323.31	1613	0.804721	1
Q3UH60	Disco-interacting protein 2 homolog Dip2b	25.9764	26.0084	35	171.12	85.828	123	0.827891	1
Q3UHB1;Q692V2	5-nucleotidase domain-containing Nt5dc3	24.627	24.8148	21	63.17	133.77	115	0.584409	1
Q6NV54;Q3UHB5;C	C-Jun-amino-terminal kinase-interacting Mapk8ip3	24.4539	24.3896	14	147.6	28.993	54	0.841181	1
Q3UHB8	Coiled-coil domain-containing protein Ccdc177	22.5447	22.5678	11	79.856	19.946	20	0.936523	1
Q3UHD6;A0A0G2JF	Sorting nexin-27 Snx27	24.2642	24.3137	17	60.988	47.305	83	0.600873	1
Q3UHD7;Q61137;A	Astrotactin-1 Astn1	24.9307	24.5139	16	143.95	69.432	73	0.457797	1
Q3UHD9	Arf-GAP with GTPase, ANK repeat domain Agap2	25.1902	25.1344	22	124.51	127.01	98	0.757375	1
Q3UHG5;Q6PDN6;I	Tetraspanin;Tetraspanin-7 Tspan7	26.0458	25.8947	3	25.412	44.543	53	0.82733	1
Q3UHH0	AP2-associated protein kinase 1 Aak1	28.3406	28.3078	39	103.35	323.31	652	0.94787	1
Q8CFR5;Q3UHP1;C	Dystrobrevin;Dystrobrevin alpha Dtna	21.4891	21.7757	8	76.947	38.998	17	0.839582	1
Q3UHK1;Q0VDP2;C	Proton myo-inositol cotransporter Slc2a13	24.348	24.3816	8	69.062	51.823	56	0.876634	1
Q3UHK5;Q6ZQ49;C	Sodium/potassium-transporting ATPase Atp1a2	31.119	31.2544	64	112.22	323.31	1298	0.75933	1
Q3UHK6	Teneurin-4 Tenm4	22.6311	22.5027	11	308.42	11.694	19	0.931104	1
Q3UHL1;A0A0A6YV	CaM kinase-like vesicle-associated Camkv	28.6596	28.614	29	54.819	323.31	1034	0.700835	1
Q3UHQ6;Q6PGE1	Protein dopey-2 Dopey2	22.3099	20.8907	3	257.48	2.8945	5	0.299548	1
Q9CRS5;Q5SUT0;Q	RNA-binding protein EWS Ewsr1	23.2994	23.1093	3	34.616	4.4245	15	0.616096	1
Q3UIA5;Q9WTX6;C	Cullin-1 Cul1	22.7528	23.9051	22	89.676	88.619	50	0.423677	1
Q3UIB5;Q99LB2;Q	Dehydrogenase/reductase SDR family Dhhrs4	21.732	22.3552	6	27.726	6.979	21	0.520374	1
Q3UID0;Q6PDG5;C	SWI/SNF complex subunit SMARCC2 Smarcc2;Smarcc	22.6218	22.2044	9	124.68	10.88	20	0.661455	1
Q8C2D7;Q80WB1;C	Protein arginine N-methyltransferase Prmt1	24.3194	24.1182	15	39.562	44.754	74	0.527176	1
Q3UJ95;Q80XI4	Phosphatidylinositol 5-phosphate 4-kinase Pip4k2b	25.2696	24.9375	19	47.318	288.13	211	0.630942	1
Q3UJU9	Regulator of microtubule dynamics Rmdn3	22.8326	22.8434	9	52.028	66.028	33	0.991953	1
Q3UK85;Q9QZB9;H	Dynactin subunit 5 Dctn5	21.8957	21.0354	2	20.216	4.5467	10	0.307449	1

Q3UKJ7	WD40 repeat-containing protein Sl Smu1	20.9182	20.467	4	57.543	8.8836	16	0.074177	1
Q3UL32;Q9QYI3;F7	DnaJ homolog subfamily C member Dnajc7	20.7839	20.9187	7	56.447	11.584	13	0.843361	1
Q3ULL5;Q99L45	Eukaryotic translation initiation factor Eif2s2	22.4167	22.5014	8	38.092	15.307	27	0.897755	1
Q3UM45	Protein phosphatase 1 regulatory subunit Ppp1r7	27.1105	27.0766	30	41.291	323.31	402	0.829059	1
Q3UMG4	Alpha-internexin Ina	23.2337	22.1656	20	37.277	22.002	52	0.472323	1
Q3UMR5	Calcium uniporter protein, mitochondrial Mcu	25.2465	25.5406	7	39.681	34.275	121	0.322894	1
Q3UNH4	G protein-regulated inducer of neuronal Gprn1	27.0394	27.5951	30	95.495	234.31	281	0.116486	1
Q3URS8;Q3UNV7;C	Myeloid leukemia factor 2 Mlf2	22.919	24.7531	6	28.154	71.734	67	0.306015	1
Q3UNZ8;Q3UZ08;A	Quinone oxidoreductase-like protein BC026585	22.2517	21.7747	5	37.808	21.728	28	0.347208	1
Q3UPL0;S4R2A9	Protein transport protein Sec31A Sec31a	26.3765	26.1019	21	133.57	123.98	93	0.136637	1
Q3UQM7;Q9Z127;C	Large neutral amino acid transporter Slc7a5	23.7173	24.1215	4	55.872	29.555	23	0.664821	1
Q3UQM8;Q8BMS4	Ubiquinone biosynthesis O-methyl Coq3	20.1341	20.8353	5	34.462	6.3994	10	0.543109	1
Q3URG1;Q7TQD2	Tubulin polymerization-promoting Tppp	27.9193	29.2619	13	23.574	323.31	424	0.407253	1
Q3URM4;Q9D1Q6	Endoplasmic reticulum resident protein Erp44	23.6953	23.8145	11	46.746	42.51	97	0.595396	1
Q3URS9	Coiled-coil domain-containing protein Ccdc51	20.572	20.8498	4	45.132	4.2135	12	0.102514	1
Q4FJN9;Q3US29;Q	Farnesyl pyrophosphate synthase Fdps	24.874	24.8316	13	40.581	129.26	102	0.868575	1
Q3US73;Q9WVK8	Cholesterol 24-hydroxylase Cyp46a1	23.2954	23.3835	19	56.813	33.942	67	0.480566	1
Q3USC7;Q8VE33;A	Ganglioside-induced differentiation Gdap1l1	25.6191	25.6931	15	41.92	176.65	209	0.846158	1
Q3USR5;Q80UW2	F-box only protein 2 Fbxo2	24.2536	24.2608	10	33.676	82.329	98	0.969462	1
Q6ZPM1;Q3UT32;C	Zinc finger FYVE domain-containing mKIAA1589;Zfy	21.3466	21.7516	7	86.625	9.9616	9	0.332466	1
Q3UTI7;Q9QUR7	Peptidyl-prolyl cis-trans isomerase Pin1	24.5091	23.2216	8	18.374	31.043	69	0.325111	1
Q3UTJ2;A0A0R4J1\	Sorbin and SH3 domain-containing Sorbs2	25.1702	25.1701	30	132.35	89.994	120	0.999415	1
Q8C7D7;Q3UU20;C	Protein HID1 Hid1	21.4356	20.7064	2	27.851	2.4563	4	0.391182	1
Q3UUG6;A0A0J9YL	TBC1 domain family member 24 Tbc1d24	24.9514	25.1723	18	63.235	129.56	169	0.27357	1
Q3UUH0;Q91YI0;E	Argininosuccinate lyase Asl	23.2581	22.8396	16	51.769	70.955	50	0.11436	1
Q3UUI3	Acyl-coenzyme A thioesterase THE1 Them4	22.8156	22.8773	6	26.031	30.535	83	0.970618	1
Q3UUQ7	GPI inositol-deacylase Pgap1	22.0304	22.4305	4	104.58	4.2621	10	0.787769	1
Q3UVL4	Vacuolar protein sorting-associated Vps51	24.3333	24.2902	15	86.186	62.492	72	0.931713	1
Q3UVW2	Gamma-aminobutyric acid receptor Gabrg2	25.4983	25.1511	9	51.803	78.394	65	0.41972	1
Q3UW32;Q9EST5	Acidic leucine-rich nuclear phosphoprotein Anp32b	20.3294	21.6026	5	28.285	7.8621	16	0.183	1
Q3UW40;Q8BP67;C	60S ribosomal protein L24 Rpl24	25.198	23.251	7	18.252	15.754	106	0.228326	1
Q505N7;Q3UW66;C	Sulfurtransferase;3-mercaptopyruvate Mpst	22.9012	24.5997	12	33.039	69.376	109	0.242024	1
Q8K0I5;Q3UWQ9;C	Hydroxymethylglutaryl-CoA synthase Hmgcs1	23.3816	23.0672	12	57.552	26.596	40	0.515382	1

Q3UWU7;Q5PR73	GTP-binding protein Di-Ras2	Diras2	24.2726	26.0119	12	22.498	53.035	202	0.42227	1
Q3UXI9;Q9CXY6	Interleukin enhancer-binding facto	Ilf2	24.2885	24.6001	13	43.01	39.131	115	0.099436	1
Q3UXZ6	Protein FAM81A	Fam81a	23.5879	23.3807	14	41.709	27.082	47	0.4931	1
Q8VC72;Q5M9P5;C	NADH dehydrogenase [ubiquinone	Ndufs8	26.2489	24.341	9	24.011	54.356	162	0.222776	1
Q3UY21;Q80YU5;Q	Myelin-oligodendrocyte glycoprote	Mog	25.3808	25.5904	10	28.374	33.254	122	0.81206	1
Q3UY68;Q91YS8;Q	Calcium/calmodulin-dependent pr	Camk1	23.2202	22.9858	12	41.624	24.179	64	0.471164	1
Q3UYC0	Protein phosphatase 1H	Ppm1h	25.4853	25.5877	22	56.379	129.69	225	0.678418	1
Q3UYG8;A2AS33	O-acetyl-ADP-ribose deacetylase	MacroD2	23.7137	23.5843	5	52.144	47.734	19	0.894974	1
Q3UYV9	Nuclear cap-binding protein subuni	Ncbp1	20.8024	20.3287	4	91.926	3.3518	10	0.439849	1
Q3UZ58;Q61578;Q	NADPH:adrenodoxin oxidoreducta	Fdxr	23.4829	23.7654	13	57.309	26.212	45	0.621851	1
Q3UZJ4;Q61151	Serine/threonine-protein phosphat	Ppp2r5e	25.2688	25.282	19	50.83	158.5	130	0.974819	1
Q3V028;Z4YJJ5;Q8I	Ubiquitin carboxyl-terminal hydro	Cyld	24.2205	23.9238	7	106.62	13.741	21	0.709554	1
Q6P572;Q3V030;Q	Myotubularin-related protein 2	Mtmr2;mKIAA1	21.5455	21.3255	4	65.767	3.6086	8	0.752256	1
Q3V038	Tetratricopeptide repeat protein	Ttc9	21.239	22.1162	6	24.35	5.1945	23	0.261511	1
Q3V0K9;Q3V3X1	Plastin-1	Pls1	21.3767	20.7963	4	70.407	3.8843	3	0.065943	1
Q6P6P5;Q3V0N8;Q	Solute carrier family 12 member 6	Slc12a6	22.3678	21.8324	11	122.66	4.6053	19	0.137062	1
Q3V0T8;Q9WTN0;C	Geranylgeranyl pyrophosphate syn	Ggps1	20.933	21.3404	5	34.706	5.7185	8	0.352967	1
Q8BTS0;Q5U222;Q	Probable ATP-dependent RNA helic	Ddx5	26.5771	26.8046	28	69.265	98.608	289	0.347542	1
Q3V100;Q924M7;C	Mannose-6-phosphate isomerase	Mpi	23.6371	23.6084	11	46.575	35.317	85	0.834924	1
Q3V117;Q91V92;Q	ATP-citrate synthase	Acly	28.2845	28.4	50	120.79	323.31	638	0.864592	1
Q3V156;Q91XL9;QI	Oxysterol-binding protein;Oxyster	Osbpl1a	25.2054	25.4609	19	63.433	106.48	205	0.555517	1
Q3V1Q3;Q80TL1	Adenylate cyclase type 2	Adcy2	24.2317	24.2817	12	123.91	53.188	63	0.758025	1
Q564E5;Q3V244;Q	Eukaryotic translation initiation fac	Eif4h;mKIAA003	24.0209	26.3811	10	27.341	105.46	112	0.394722	1
Q3V386;Q8VHI6	Wiskott-Aldrich syndrome protein	Wasf3	24.6926	24.5813	10	55.217	90.213	80	0.527923	1
Q3V3E0;Q8BUN5;E	Mothers against decapentaplegic h	Smad3;Smad2	21.323	21.6931	4	41.931	4.6998	12	0.768538	1
Q3V3R1	Monofunctional C1-tetrahydrofolat	Mthfd1l	25.8653	25.6168	27	105.73	82.764	102	0.777833	1
Q3V3U0;Q8CI94;QI	Alpha-1,4 glucan phosphorylase;Gl	Pygb	29.7056	29.8678	59	96.715	323.31	1923	0.310096	1
Q45VK7	Cytoplasmic dynein 2 heavy chain	Dync2h1	23.368	20.8458	2	492.33	2.9364	14	0.101664	1
Q497T6;Q8BXC6	COMM domain-containing protein	Commd2	20.4821	20.5689	3	22.848	3.3463	7	0.921038	1
Q499E3;Q80ZF8;QI	Brain-specific angiogenesis inhibito	Adgrb3;Bai3	22.4615	22.2064	10	171.25	24.92	19	0.875871	1
Q4FJK0;Q9CQ62	2,4-dienoyl-CoA reductase, mitoch	Decr1	22.2474	23.8323	9	36.213	56.95	75	0.281609	1
Q4FJL2;Q8K0T0	Reticulon;Reticulon-1	Rtn1	29.4509	29.3504	22	83.571	323.31	849	0.490873	1
Q4FJR4;Q922H2;QI	Pyruvate dehydrogenase (acetyl-t	Pdk3	24.5741	24.8144	12	47.922	100	102	0.589267	1

Q4FJT0	Matr3 protein	Matr3	28.4856	28.6134	36	94.643	323.31	588	0.762304	1
Q4FJU3;Q9DCT8	Cysteine-rich protein 2	Crip2	25.1314	24.3304	6	22.727	32.2	96	0.409672	1
Q4FK57;Q4FJZ3;Q8ERO1-like protein alpha	Ero1l		22.0929	21.9418	5	54.084	7.5902	19	0.739119	1
Q4FK22;Q69ZP5;Q4Endoplasmic reticulum-Golgi interr	Ergic1		22.0255	22.7455	9	32.562	16.153	33	0.319571	1
Q4FK36;Q9R0P5	Destrin	Dstn	28.7656	25.8622	18	18.521	246.26	443	0.339052	1
Q4FK49;Q9D819;QInorganic pyrophosphatase	Ppa1		24.7635	26.0088	19	32.667	141.62	252	0.423988	1
Q9DCZ0;Q9D0J2;QATP synthase subunit delta, mitoch	Atp5d		26.0716	24.1155	2	17.558	48.351	40	0.436195	1
Q4FZK2;Q9D8N0;QElongation factor 1-gamma	Eef1g		27.562	27.6544	25	50.06	189.24	453	0.828588	1
Q4KL41;Q9DCC8;AMitochondrial import receptor sub	Tomm20		21.8938	22.3193	4	16.284	4.3876	15	0.795182	1
Q4KL76;Q64433;Q10 kDa heat shock protein, mitoch	Hspe1;Cpn10-rs		26.1703	23.9608	11	10.963	28.919	157	0.340264	1
Q4KMM3;E9Q0A7	Oxidation resistance protein 1	Oxr1	28.4873	28.2475	43	95.911	323.31	613	0.522967	1
Q4KUS2;H3BJZ7	Protein unc-13 homolog A	Unc13a	25.8632	25.7568	38	193.78	115.64	135	0.55184	1
Q4V9W8;Q91ZR1;CRas-related protein Rab-4B	Rab4b		23.8872	23.6512	11	23.629	97.911	119	0.812347	1
Q4V9Z5	Seizure 6-like protein 2	Sez6l2	24.1526	23.7171	10	97.503	21.716	37	0.66941	1
Q4VA29;Q9CQE8	UPF0568 protein C14orf166 homolog 2	Rik	23.8135	25.0255	10	28.152	48.082	151	0.323747	1
Q4VA32;Q9CQR4	Acyl-coenzyme A thioesterase 13	Acot13	26.308	24.2544	6	15.183	90.903	107	0.424597	1
Q4VA93;P20444	Protein kinase C;Protein kinase C alpha	Prkca	24.3363	24.4136	25	76.823	65.412	84	0.924822	1
Q4VAE3	Transmembrane protein 65	Tmem65	25.1782	24.3738	5	24.918	20.32	136	0.25875	1
Q4VAE6;Q9QUI0;ATransforming protein RhoA	Rhoa		28.7743	26.9265	13	21.782	267.65	579	0.297647	1
Q4VAE8;Q9CQC7;CNADH dehydrogenase [ubiquinone	Ndufb4		27.4967	24.5047	8	15.315	84.879	294	0.402565	1
Q4VAI2;Q9D358	Low molecular weight phosphotyrosine phosphatase	Acp1	24.9957	24.2095	6	18.192	19.406	97	0.536353	1
Q4VBD2	Transmembrane anterior posterior	Tapt1	21.8774	20.5008	3	63.893	5.2686	7	0.30581	1
Q4VBX4;Q9D2M8;UUbiquitin-conjugating enzyme E2 v	Ube2v2		27.1607	24.7143	10	16.367	51.163	187	0.348507	1
Q6ZWZ7;Q6PHZ1;C60S ribosomal protein L17	Rpl17		25.7984	23.6168	9	21.397	35.57	99	0.409804	1
Q505D7	Optic atrophy 3 protein homolog	Opa3	23.8175	23.0784	5	20.11	8.7001	59	0.31814	1
Q50HX4;Q50HX2;CRas-related protein Rab-14	Rab14		27.1746	27.0146	18	23.897	196.07	481	0.859246	1
Q52KP0;Q9JJI8	60S ribosomal protein L38	Rpl38	22.7803	22.6769	4	8.2038	15.091	51	0.958576	1
Q52KR3;F8QPD5	Protein prune homolog 2	Prune2	22.6605	23.1042	5	339.51	5.8651	23	0.120029	1
Q52L50;Q99JI6	Ras-related protein Rap-1b	Rap1b	27.0027	24.4146	11	20.825	83.011	327	0.383816	1
Q8R2S3;Q8C550;QNucleolar protein 3	Nol3		22.1989	23.0766	8	24.627	30.491	37	0.380489	1
Q540D7;Q9JII6;Q8Alcohol dehydrogenase [NADP(+)]	Akr1a1		27.2234	27.2707	21	36.586	315.36	359	0.693687	1
Q9ESR1;Q540E6;QGTP-binding protein Rheb	Rheb		24.7896	24.3368	9	20.393	17.822	80	0.417875	1
Q541Z2;Q61239	Protein farnesyltransferase/geranyltransferase	Fnta	22.4861	21.9695	7	44.013	28.337	35	0.70528	1

Q542D9;Q62351	Transferrin receptor protein 1	Tfrc	21.3565	21.5891	7	85.73	8.4086	19	0.369384	1
Q8BSZ8;Q543H0;Q	Spermidine synthase	Srm	22.485	24.178	14	34.019	32.438	118	0.285039	1
Q8BTJ1;Q543K5;Q	Phosphoserine aminotransferase	Psat1	26.5913	26.5364	18	40.473	94.603	353	0.636114	1
Q543N3;Q61792;A	LIM and SH3 domain protein 1	Lasp1	25.6428	25.5479	16	29.994	136.56	145	0.863455	1
Q543N5;Q9QYB1	Chloride intracellular channel prote	Clic4	22.2225	23.6229	9	28.729	23.004	32	0.334238	1
Q543P6;Q8VHQ9;C	Acyl-coenzyme A thioesterase 11	Acot11	22.8809	22.7498	6	67.354	9.4736	23	0.693649	1
Q543P7;Q9WUL7	ADP-ribosylation factor-like protei	Arl3	24.8184	23.4605	9	20.486	42.31	88	0.374473	1
Q543Y7;Q61644;Q	Protein kinase C and casein kinase	Pacsin1	29.0724	29.0899	31	50.575	323.31	869	0.958933	1
Q544F6;Q9CQI6	Coactosin-like protein	Cot11	26.6133	24.5031	12	15.944	92.458	269	0.405978	1
Q8CBE6;Q8BPJ7;Q	Dystroglycan;Alpha-dystroglycan;B	Dag1	21.4741	22.4088	6	96.886	10.606	17	0.459727	1
Q544I1;Q9QYF9;Q	Protein NDRG3	Ndr3	25.61	25.6161	13	41.555	150.22	194	0.947067	1
Q544M1;Q8K356;C	Lymphocyte antigen 6H	Ly6h	26.3841	24.0057	5	14.669	38.851	50	0.21535	1
Q8BUM1;Q544R5;C	TAR DNA-binding protein 43	Tardbp	25.2916	25.5478	14	33.634	173.43	175	0.426216	1
Q545E6;Q62348	Translin	Tsn	23.0702	24.3754	11	26.201	20.226	74	0.450345	1
Q545G0;Q9R1P1	Proteasome subunit beta type;Pro	Psm3	24.3726	23.7394	11	22.965	53.565	151	0.802275	1
Q545Q2;Q64310;E	Surfeit locus protein 4	Surf4	21.6122	20.7863	4	30.381	7.8747	13	0.510183	1
Q548F2;Q69ZN0;Q	Guanine deaminase	Gda	28.7776	29.0499	33	51.012	323.31	1042	0.331954	1
Q549X4;Q99P58;Q	Ras-related protein Rab-27B	Rab27b	21.492	22.4177	7	24.56	12.743	24	0.455786	1
Q54A87;Q9WTT4;E	V-type proton ATPase subunit G 2	Atp6v1g2	26.9909	24.4798	11	13.651	323.31	227	0.348504	1
Q8BMQ1;Q54AE3;C	Guanine nucleotide-binding protei	Gnb3	22.5368	23.568	4	32.401	7.5604	27	0.368012	1
Q564E8;Q9D8E6;Q	60S ribosomal protein L4	Rpl4	26.2015	26.1941	20	47.153	126.55	273	0.983242	1
Q564F2;Q64520;E	Guanylate kinase	Guk1	23.0133	22.4664	11	21.918	25.504	66	0.780629	1
Q8BZN7;Q569Z6;Q	Thyroid hormone receptor-associ	Thrap3	23.4126	21.9213	8	80.11	13.004	17	0.252509	1
Q571A2;Q9D4H8;E	Cullin-2	Cul2	23.5838	23.8904	24	87.181	45.894	54	0.313805	1
Q58E70;D3Z2H9;Q	3TJ53;Q8K0Z5;E9Q5J9	Tpm3;Tpm3-rs7	26.1594	28.2279	29	29.02	292.43	469	0.361044	1
Q59J78;Q3TLI6	Mimitin, mitochondrial	Nduaf2	24.793	23.2904	7	19.628	14.836	36	0.322894	1
Q5BKQ9;Q8BG32;C	26S proteasome non-ATPase regul	Psm11	25.2847	25.5632	25	47.436	74.977	183	0.377274	1
Q5DQR4	Syntaxin-binding protein 5-like	Stxbp5l	25.9909	26.0255	21	131.84	50.38	89	0.947393	1
Q5DTY9	BTB/POZ domain-containing protei	Kctd16	24.9585	24.5226	17	48.972	48.782	141	0.195255	1
Q5EBJ4	Ermin	Ermn	21.7225	21.2885	3	32.148	5.1647	12	0.566315	1
Q5EBP9;Q62318;Q	Transcription intermediary factor 1	Trim28	24.7259	24.7478	18	88.846	64.764	92	0.872595	1
Q5EBQ0;Q3TX38;Q	Voltage-dependent anion-selective	Vdac3	27.2295	28.0569	14	30.884	234.91	529	0.120358	1
Q5F258;Q68FF6	ARF GTPase-activating protein GIT1	Git1	26.1312	26.201	30	84.194	115.33	176	0.831985	1

Q5F285;F6YWB5	Transmembrane protein 256	Tmem256	22.0479	22.2986	2	11.655	18.004	10	0.863865	1
Q5FWJ5;Q3TUA1;P	Heterogeneous nuclear ribonucleo	Hnrnpk	28.5167	28.6138	26	51.028	323.31	789	0.263697	1
Q5FWK3;Q8BQW4;Rho	GTPase-activating protein 1	Arhgap1	26.7475	26.6952	23	50.41	323.31	370	0.796153	1
Q5GH67;Q5DTU2	XK-related protein 4	Xkr4	23.4582	22.6002	5	71.502	18.708	17	0.396659	1
Q5H8C4	Vacuolar protein sorting-associated	Vps13a	25.7432	25.6065	29	359.4	79.892	98	0.284321	1
Q5HZI2	C2 calcium-dependent domain-con	C2cd4cC2CD4 f	22.0005	22.0867	6	44.614	12.422	13	0.910724	1
Q5HZY7;Q9CR51;Q	V-type proton ATPase subunit G 1	Atp6v1g1	22.363	20.883	5	13.724	25.056	21	0.305915	1
Q5I0W0;Q9CQQ7;(ATP	synthase F(0) complex subunit	Atp5f1	28.8674	29.2759	17	28.948	137.74	489	0.731421	1
Q5ICG5;Q8R1X1;Q8BYJ0;E9Q7Y2		Acs16	26.8911	26.8928	33	77.969	167.87	325	0.994511	1
Q5J7N1;Q3U2W7;(GTPase	KRas;GTPase KRas, N-termi	Kras;Hras	25.3298	23.7529	9	21.482	15.4	85	0.298324	1
Q5J8K6;Q5J8K8;Q6	ERC protein 2	Erc2	25.7636	25.7941	28	110.64	65.897	109	0.926756	1
Q5M8N0;Q9CW19;CB1	cannabinoid receptor-interacti	Cnrip1	28	25.3597	8	18.612	111.29	238	0.34016	1
Q5M8N4	Epimerase family protein SDR39U1	Sdr39u1	21.2043	22.2748	5	32.994	9.2081	31	0.272448	1
Q5M9J2;Q9D0S9	Histidine triad nucleotide-binding	Hint2	23.1504	23.2594	5	17.32	20.414	59	0.920568	1
Q8BTX5;Q5M9L0;C	Eukaryotic translation initiation fac	Eif3h	24.0883	24.1056	11	39.846	27.371	44	0.927009	1
Q5M9P3;Q9CZX8;C	40S ribosomal protein S19	Rps19	26.4856	24.9021	12	16.661	66.463	235	0.488065	1
Q5NCJ9;Q8R1I1	Cytochrome b-c1 complex subunit	Uqcrl0	24.5074	23.5833	3	7.4454	12.352	64	0.52945	1
Q5ND51;Q64010;C	Adapter molecule crk	Crk	24.3314	24.2568	10	33.814	48.21	88	0.371617	1
Q5RJI5;D3Z5P0	Serine/threonine-protein kinase BF	Brsk1	23.4267	23.5886	13	85.154	22.777	38	0.506696	1
Q5RJV4;Q7TNU0;Q	Phosphoglucosyltransferase-1	Pgm2;Pgm1	27.7567	27.7503	35	61.383	323.31	373	0.985774	1
Q5RKP4;Q8BMR3;(Dolichyl-	diphosphooligosaccharide	Rpn1	25.9588	25.9972	18	68.396	80.002	199	0.781032	1
Q5U438;Q5SQB7;C	Nucleophosmin	Npm1;Gm5611	25.3636	24.4749	11	32.588	63.645	130	0.263939	1
Q5SQX6;F6QD74	Cytoplasmic FMR1-interacting prot	Cyfp2	29.3797	29.3831	64	145.66	323.31	1112	0.960317	1
Q5SRA0;Q9R1V7	Disintegrin and metalloproteinase	Adam23	24.5082	24.6303	12	93.042	63.361	77	0.789657	1
Q5SRX1;Q5SXA5;Q	TOM1-like protein 2	Tom1l2	26.3288	26.3024	21	55.662	268.58	292	0.88094	1
Q5SSM3;F6T1Y2	Rho GTPase-activating protein 44	Arhgap44	24.4217	24.3394	14	88.993	46.46	47	0.809515	1
Q5SUR0;Q3UTT7	Phosphoribosylformylglycinamidi	Pfas	25.6411	25.5583	22	144.63	55.389	111	0.617962	1
Q5SUR3;Q9WTX5;(S-phase	kinase-associated protein	Skp1a;Skp1	25.8305	23.7442	9	18.672	22.142	122	0.306377	1
Q5SWR1;Q9DBG3;IAP	complex subunit beta;AP-2 com	Ap2b1	31.1559	31.0271	70	105.72	323.31	2568	0.447024	1
Q5SWU9	Acetyl-CoA carboxylase 1;Biotin car	Acaca	24.6864	24.6357	22	265.25	23.137	59	0.923883	1
Q8BK37;Q5SWZ0;C	Phosphoribosyl pyrophosphate syn	Prpsap2	24.1021	24.2042	12	40.92	61.895	110	0.721162	1
Q5SX53;Q9CR62;Q	Mitochondrial 2-oxoglutarate/mal	Slc25a11	27.7131	27.9198	18	34.155	224.61	707	0.540615	1
Q5SXR6;Q68FD5;Q	Clathrin heavy chain;Clathrin heavy	Cltc;mKIAA0034	33.7913	33.7383	122	191.98	323.31	8381	0.288429	1

Q5U3K5	Rab-like protein 6	Rabl6	21.6362	20.5736	8	79.83	12.057	16	0.142641	1
Q5U458;E9Q8B3	DnaJ homolog subfamily C member 11	Dnajc11	24.2211	24.2461	10	63.232	34.725	48	0.900544	1
Q5XG69	Soluble lamin-associated protein of 169 kDa	Fam169a	22.7101	23.3278	6	73.239	21.716	17	0.545507	1
Q5XJY5;Q3U4S9;Q8CZB0	Coatomer subunit delta	Arcn1	23.9946	23.655	17	57.229	41.402	60	0.390763	1
Q5XK33;Q9CZB0;F6ZV59	Succinate dehydrogenase cytochrome b560 subunit	Sdhc	26.0698	25.8109	6	18.381	22.872	125	0.782971	1
Q60597;Z4YJV4	2-oxoglutarate dehydrogenase, mitochondrial	Ogdh	29.3416	29.3972	55	116.45	323.31	1107	0.843813	1
Q921L6;Q8BNA5;Q60605	Src substrate cortactin	Cttn	26.901	26.7145	21	57.086	113.17	184	0.52919	1
Q642K0;Q60605;Q9DC36	Myosin light polypeptide 6	Myl6	25.8588	24.9157	8	16.961	50.306	157	0.662072	1
Q60625	Intercellular adhesion molecule 5	Icam5	27.7115	27.3709	20	96.944	162.93	382	0.230859	1
Q9DC36;Q8CDE0;Q60668	Flotillin-2	Flot2	26.0474	25.9746	20	47.008	94.498	276	0.782402	1
Q60668;F6ZV59;G5F7BX26	Heterogeneous nuclear ribonucleoprotein A1	Hnrnpd	26.485	26.6579	16	38.354	96.936	313	0.487903	1
Q60676;F7BX26	Serine/threonine-protein phosphatase 5C	Ppp5c	25.4485	25.5225	23	56.876	100.6	191	0.769974	1
Q60692	Proteasome subunit beta type-6	Psm6	26.685	23.9456	10	25.378	110.63	111	0.234108	1
Q61177;Q60737;Q60749	Casein kinase II subunit alpha	Csnk2a1	26.0839	26.1411	19	45.179	174.51	221	0.768657	1
Q60749	KH domain-containing, RNA-binding protein 1	Khdrbs1	23.7829	23.8078	6	48.37	27.822	45	0.935953	1
Q60770;A2AEC9;A60771	Syntaxin-binding protein 3	Stxbp3;Stxbp3a	20.9202	20.7198	2	67.942	2.6194	6	0.232713	1
Q60771	Claudin-11	Cldn11	26.3264	26.7744	3	22.114	13.875	64	0.770273	1
Q60902;A0A1D5RL	Epidermal growth factor receptor subunit 15	Eps15l1	24.8604	25.0367	24	99.307	68.759	136	0.472927	1
Q60932	Voltage-dependent anion-selective channel 1	Vdac1	22.6337	25.2219	22	32.351	4.0241	96	0.311806	1
Q60960	Importin subunit alpha-5;Importin beta 1	Kpna1	23.9857	24.3434	13	60.182	77.629	69	0.323671	1
Q60972	Histone-binding protein RBBP4	Rbbp4	23.2321	23.69	12	47.655	51.904	74	0.331777	1
Q60130;Q9D892;Q61001	Inosine triphosphate pyrophosphatase 1	Itpa	24.8979	23.5752	10	21.897	39.316	138	0.449127	1
Q61001;Q6ZQA1	Laminin subunit alpha-5	Lama5;mKIAA0101	24.0901	23.8277	20	404.05	137.24	43	0.59259	1
Q61081	Hsp90 co-chaperone Cdc37;Hsp90	Cdc37	24.3343	24.6562	15	44.593	81.512	104	0.366581	1
Q61102	ATP-binding cassette sub-family B member 7	Abcb7	24.2361	23.9028	8	82.58	34.083	29	0.589664	1
Q61120	SHC-transforming protein 3	Shc3	21.238	20.5764	3	52.12	6.5183	8	0.573836	1
Q61171;Q5M9N9;L61206	Peroxiredoxin-2	Prdx2	29.5653	27.046	14	21.778	170.94	924	0.347136	1
Q61206;Q8BTA2	Platelet-activating factor acetylhydrolase 1b2	Pafah1b2	23.6671	25.8167	10	25.581	125.27	203	0.32336	1
Q61292;Q3USI2	Laminin subunit beta-2	Lamb2	25.8781	25.9519	38	196.58	201.31	155	0.925876	1
Q61361	Brevican core protein	Bcan	22.4579	23.4073	9	95.814	5.4779	13	0.314535	1
Q61411;Q9R0B8;P61423	GTPase HRas;GTPase HRas, N-term	Hras	27.2274	24.7674	12	21.298	81.801	302	0.343044	1
Q61423	Potassium voltage-gated channel subunit 4	Kcna4	22.2385	22.0905	5	73.469	5.3924	11	0.637863	1
Q61425	Hydroxyacyl-coenzyme A dehydrogenase	Hadh	24.4077	25.6336	14	34.463	323.31	166	0.400686	1

Q8BRR9;Q61481;Ff Calcium/calmodulin-dependent 3,5 Pde1a	25.6839	25.5397	25	62.346	148.65	220	0.531979	1
Q61548;Q3UI39;E9 Clathrin coat assembly protein AP1 Snap91	30.7392	30.5378	27	91.85	323.31	1495	0.323253	1
Q61553;A0A0G2JD Fascin Fscn1	28.8544	28.9082	30	54.507	323.31	835	0.767843	1
Q61599 Rho GDP-dissociation inhibitor 2 Arhgdib	20.5326	22.0764	3	22.851	3.8841	3	0.23231	1
Q61627 Glutamate receptor ionotropic, del Grid1	21.5451	21.7216	4	112.21	9.5904	9	0.861146	1
Q61649 Alpha-globin mRNA	24.8759	24.7998	5	6.2159	4.6059	62	0.981545	1
Q61655;Q8R3C7;Q ATP-dependent RNA helicase DDX1 Ddx19a;Ddx19b	21.0102	21.4709	7	53.932	10.684	18	0.360426	1
Q61699;E9Q0U7 Heat shock protein 105 kDa Hsph1	28.2124	28.2125	41	96.406	323.31	665	0.999756	1
Q61753 D-3-phosphoglycerate dehydrogen Phgdh	26.5247	26.4242	19	56.585	131.01	287	0.824052	1
Q61768;E9QAK5 Kinesin-1 heavy chain;Kinesin-like γ Kif5b	25.02	24.8173	29	109.55	116.52	62	0.59553	1
Q61838 Alpha-2-macroglobulin;Alpha-2-mac A2m	25.9958	26.6504	43	165.85	144.85	164	0.303328	1
Q922E1;Q8C1W8;C NAD(P) transhydrogenase, mitochondr Nnt	26.6239	26.6642	26	113.88	77.935	164	0.941381	1
Q61990 Poly(rC)-binding protein 2 Pcbp2	26.0066	25.937	14	38.221	93.45	257	0.783539	1
Q62048;D3Z375 Astrocytic phosphoprotein PEA-15 Pea15;Pea15a	26.0426	24.7741	8	15.054	101.57	257	0.646436	1
Q8C671;Q62093 Serine/arginine-rich splicing factor Srsf2	23.1571	25.0863	6	29	101.69	75	0.340594	1
Q62108 Disks large homolog 4 Dlg4	29.0472	29.0289	36	80.471	323.31	820	0.940238	1
Q62189;D3Z0S6;Q U1 small nuclear ribonucleoprotein Snrpa	22.1127	23.5186	9	31.835	32.005	42	0.248032	1
Q62261;A0A0A0M0 Spectrin beta chain, non-erythrocy Sptbn1	32.459	32.423	180	274.22	323.31	5793	0.905075	1
Q62277;A4FUR8;Ff Synaptophysin Syp	29.7407	29.6581	7	34.024	138.6	516	0.770128	1
Q7TS70;Q62415;Q Apoptosis-stimulating of p53 protein Ppp1r13b;Trp53	21.6825	20.7724	2	104.45	1.9079	7	0.059443	1
Q62417;E9QNA7;E Sorbin and SH3 domain-containing Sorbs1	22.322	22.05	6	143.07	10.941	12	0.46178	1
Q62418 Drebrin-like protein Dbnl	25.4884	25.1591	19	48.699	189.56	177	0.152167	1
Q62420;A2ALV3;Q Endophilin-A1 Sh3gl2	29.2547	29.1526	23	39.955	323.31	985	0.339989	1
Q62425;A0A0N4SV Cytochrome c oxidase subunit ND1 Ndufa4	28.1389	27.7479	7	9.3267	51.488	247	0.658305	1
Q62426 Cystatin-B Cstb	23.1426	22.8693	3	11.045	6.5871	23	0.842488	1
Q63810 Calcineurin subunit B type 1 Ppp3r1	25.8686	24.9071	11	19.3	65.387	127	0.585032	1
Q63844;A0A0U1RP Mitogen-activated protein kinase 3 Mapk3	25.8034	25.7696	22	43.066	211.08	166	0.931656	1
Q91YS7;Q63932;Q Dual specificity mitogen-activated protein kinase Map2k2	22.9085	23.2429	13	44.302	29.803	35	0.774115	1
Q641P0 Actin-related protein 3B Actr3b	25.5924	25.6867	22	47.579	153.15	236	0.795235	1
Q64332;Q8CE19 Synapsin-2 Syn2	30.2668	30.5567	28	63.372	323.31	2342	0.436735	1
Q64337;D3YZJ1 Sequestosome-1 Sqstm1	22.7077	22.7975	7	48.162	40.57	63	0.884845	1
Q64442 Sorbitol dehydrogenase Sord	22.863	24.0478	8	38.249	25.505	41	0.418942	1
Q64521;A2AQR0 Glycerol-3-phosphate dehydrogenase Gpd2	28.6098	28.7289	48	80.953	323.31	932	0.597463	1

Q9D2U9;Q8CGP0;C	Histone H2B type 3-A;Histone H2B	Hist3h2ba;Hist3	23.8575	22.4507	7	13.994	3.5258	40	0.435416	1
Q64727	Vinculin	Vcl	26.541	26.4254	33	116.72	159.26	175	0.763887	1
Q64737;Q3UJP8;Q	Trifunctional purine biosynthetic pi	Gart	23.7746	23.5902	13	107.5	49.257	51	0.754365	1
Q66JR8	Ptms protein	Ptms	25.5324	22.7698	6	23.158	5.5459	18	0.160059	1
Q68FG2;Q3UGZ4	Spectrin beta chain	Sptbn2	31.0688	30.9857	146	270.92	323.31	3081	0.677374	1
Q68FM6	Protein phosphatase 1 regulatory s	Elfn2	24.6341	24.7952	11	90.028	29.395	45	0.250732	1
Q69ZI9;Q8R307;Q	Vacuolar protein sorting-associater	Vps18	22.7176	22.0372	6	90.125	11.519	12	0.50543	1
Q69ZK9	Neuroigin-2	Nlgn2	24.5939	24.3547	12	90.988	32.877	43	0.369248	1
Q69ZW3	EH domain-binding protein 1	Ehbp1	21.3345	20.5894	4	139.1	4.122	7	0.430473	1
Q69ZX3;E9QPE7;O	Myosin-11	Myh11	26.8909	27.089	91	228.27	323.31	360	0.538413	1
Q69ZY2;Q8C522;Q	Endonuclease domain-containing 1	Endod1	25.5269	25.8959	13	64.639	70.415	103	0.374751	1
Q6A087	MKIAA0302 protein	Sptbn2	26.1718	26.0239	126	222.92	45.424	53	0.688136	1
Q6A0A9	Constitutive coactivator of PPAR-g	FAM120A	23.1775	23.3453	12	121.64	17.108	21	0.726101	1
Q6A0D1;Q9CRD2	ER membrane protein complex sub	Emc2	20.9593	21.2519	4	34.934	9.1586	7	0.61896	1
Q6DFY8	BMP/retinoic acid-inducible neural	Brinp2	21.012	21.8771	4	89.227	8.9031	14	0.35044	1
Q6DI95;Q6P2B1;Q	Transportin-3	Tnpo3	24.0671	24.1747	12	104.2	43.927	53	0.865708	1
Q6GQS1;F6X0P2	Calcium-binding mitochondrial carri	Slc25a23	22.819	22.57	11	52.496	23.31	37	0.79557	1
Q6GQT9	Nodal modulator 1	Nomo1	24.8473	24.8339	15	133.42	82.985	49	0.959024	1
Q6GR78;Q53ZT3;P	Amyloid beta A4 protein;N-APP;Sol	App	27.1851	27.2766	21	78.442	151.01	214	0.822089	1
Q6GT24;Q6A0D0;D	Peroxiredoxin-6	Prdx6	26.3747	29.1829	21	24.826	323.31	835	0.368922	1
Q6I6G8	E3 ubiquitin-protein ligase HECW2	Hecw2	21.8467	21.0812	7	176.23	6.7325	10	0.369998	1
Q6IRU2	Tropomyosin alpha-4 chain	Tpm4	21.5649	21.7565	8	28.467	24.796	20	0.509069	1
Q6IRU5;F7BHJ0	Clathrin light chain B	Cltb	23.9488	26.4525	11	25.171	89.528	163	0.265568	1
Q8K0E2;Q8BIT7;Q	Exocyst complex component 3	Exoc3	22.7398	22.3404	12	86.454	32.113	38	0.715639	1
Q6NS52	Diacylglycerol kinase beta	Dgkb	23.4222	23.1597	9	90.271	29.921	38	0.303517	1
Q6NS82;A0A087W	Protein FAM134A	Fam134a	21.8193	21.6461	3	57.541	4.0093	19	0.717844	1
Q6NVE8	WD repeat-containing protein 44	Wdr44	24.0567	23.7732	10	101.55	34.373	33	0.450982	1
Q6NVF0;Q8BXT3	Inositol polyphosphate 5-phosphat	Ocrl	21.8402	22.0033	11	104.28	11.067	12	0.894024	1
Q6NXW0;Q9WUA6	RAC-gamma serine/threonine-prot	Akt3	22.9626	22.9636	6	55.657	14.687	25	0.996461	1
Q6NZL0	Protein SOGA3	Soga3	24.058	24.3548	21	103.48	39.396	64	0.742338	1
Q6P069	Sorcin	Sri	25.1894	23.2638	9	21.627	18.848	81	0.320451	1
Q9D689;Q6P1F5;Q	Huntingtin-interacting protein 1-re	Hip1r	24.6226	24.6237	19	119.37	43.719	44	0.998361	1
Q6P1J1;Q3TXY0;Q	Crmp1 protein	Crmp1	29.5614	29.534	36	74.22	323.31	1183	0.838852	1

Q6P4T2	U5 small nuclear ribonucleoprotein	Snnp200	25.3548	25.4506	31	244.54	137.91	99	0.379839	1
Q6P5E4	UDP-glucose:glycoprotein glucosyl	Uggt1	25.7773	25.7751	25	176.43	88.225	113	0.990233	1
Q6P5F7	Protein tweety homolog 3	Ttyh3	23.329	23.745	7	57.713	71.294	25	0.722124	1
Q6P5F9	Exportin-1	Xpo1	25.4872	25.7899	27	123.09	126.66	124	0.641987	1
Q6P5U7	NACHT and WD repeat domain-cor	Nwd2	24.3998	24.2866	18	197.41	37.112	43	0.389668	1
Q6P6I8;Q2M4I8;AC	Signal-regulatory protein alpha	Sirpa;Ptpns1	28.0193	28.1816	14	55.986	323.31	547	0.479809	1
Q6P8X1;Q8R0Z4	Sorting nexin-6;Sorting nexin-6, N-l	Snx6	22.2575	22.1377	10	46.648	19.112	51	0.896222	1
Q6P9K9;Q6ZQ56;E!	Neurexin-3	Nrxn3;mKIAA07	26.7311	26.6755	33	173.43	118.62	196	0.823419	1
Q6ZPX7;Q6P9R2	Serine/threonine-protein kinase O!	mKIAA1101;Ox:	22.1236	21.8039	5	49.953	16.538	11	0.719236	1
Q6PAC1;Q3UCW8;!	Gelsolin	Gsn	25.6797	25.7558	20	80.762	79.782	125	0.729348	1
Q6PAK3	Protein arginine N-methyltransfera	Prmt8	20.9975	21.0108	7	45.276	7.0202	20	0.970684	1
Q6PAL3;Q8BNE3;Q	AP-3 complex subunit sigma-2	Ap3s2	23.3377	21.9678	5	22.031	10.577	26	0.232556	1
Q6PAM0;D6RG50	5-AMP-activated protein kinase sul	Prkab2	20.2495	20.2109	4	30.209	2.5931	4	0.965317	1
Q6PAR5	GTPase-activating protein and VPS!	Gapvd1	22.8184	21.1955	7	162.4	7.1146	15	0.111118	1
Q6PB44	Tyrosine-protein phosphatase non-	Ptpn23	25.0357	24.963	24	185.21	58.932	63	0.71228	1
Q6PB66	Leucine-rich PPR motif-containing	Lrpprc	27.0516	27.0841	52	156.61	171.91	304	0.835177	1
Q6PCP5;E0CYB9;F7	Mitochondrial fission factor	Mff	23.6112	24.0325	12	32.931	23.634	50	0.491813	1
Q6PDI5;A2ALV7;A2	Proteasome-associated protein ECI	Ecm29;AI31418	24.4775	24.143	14	203.7	46.375	35	0.561047	1
Q6PDL0;A0A1D5R!	Cytoplasmic dynein 1 light interme	Dync1li2	24.2646	24.2456	17	54.218	73.025	121	0.975852	1
Q6PDY2	2-aminoethanethiol dioxygenase	Ado	20.7522	21.4715	5	28.372	15.17	21	0.400621	1
Q6PE01	U5 small nuclear ribonucleoprotein	Snnp40	22.5616	22.3165	5	39.275	20.497	12	0.696669	1
Q6PE15;F6X5P5	Mycophenolic acid acyl-glucuronid	Abhd10	22.0073	22.766	5	33.04	7.3292	22	0.289784	1
Q6PGB6	N-alpha-acetyltransferase 50	Naa50	22.1309	21.156	4	19.414	4.6956	11	0.149271	1
Q6PGE7	Sodium-dependent proline transpo	Slc6a7	23.7121	23.6791	8	71.065	36.505	42	0.906985	1
Q6PGF7	Exocyst complex component 8	Exoc8	23.8789	23.4501	16	81.034	33.579	57	0.395387	1
Q6PGL7;A0A0N4SV	WASH complex subunit FAM21	Fam21	21.15	21.6814	3	145.31	8.8528	10	0.70725	1
Q6PGN3;A0A0A6Y!	Serine/threonine-protein kinase D!	Dclk2	22.9026	22.6076	11	82.978	22.545	49	0.775303	1
Q6PHU5	Sortilin	Sort1	22.7494	22.6824	7	91.199	9.3411	14	0.956691	1
Q6PJ91	Gstm7 protein	Gstm7	22.4316	24.2307	14	25.68	12.389	47	0.283449	1
Q6R891	Neurabin-2	Ppp1r9b	27.019	26.8454	26	89.519	228.49	221	0.750945	1
Q6VNS1;A0A0A6YV	NT-3 growth factor receptor;Tyrosi	Ntrk3	22.6259	22.4726	10	92.759	4.9537	12	0.68612	1
Q6XE40;O88910	MAGUK p55 subfamily member 3	Mpp3	25.0239	25.0097	21	66.486	97.307	113	0.959282	1
Q6ZPE2	Myotubularin-related protein 5	Sbf1	27.0061	26.5393	50	208.69	166.58	267	0.028429	1

Q6ZPF3	T-lymphoma invasion and metastasis	Tiam2	21.094	21.283	2	192.56	5.1089	8	0.69437	1
Q6ZPJ3	E2/E3 hybrid ubiquitin-protein ligase	Ube2o	26.5238	26.332	28	140.83	134.42	211	0.269821	1
Q6ZPU9;H3BIY2	KIF1-binding protein	Kbp;2510003E0	22.5788	22.6729	8	71.051	13.706	26	0.634855	1
Q6ZPY3;Q8K596	Sodium/calcium exchanger 2	Slc8a2	28.5878	28.823	28	79.755	323.31	484	0.55903	1
Q6ZQ18	Protein EFR3 homolog B	Efr3b	24.4477	24.8796	17	92.405	34.329	60	0.330787	1
Q6ZQ38;Q3UMI9	Cullin-associated NEDD8-dissociation	Cand1	29.7684	29.393	64	136.33	323.31	1058	0.46258	1
Z4YJT3;Q6ZQ58;Q3	La-related protein 1	Larp1	23	23.0593	7	121.15	11.883	13	0.898518	1
Q6ZQ84;Q9JLV5;E9	Cullin-3	mKIAA0617;Cul	24.9296	24.9105	27	91.276	62.868	89	0.958237	1
Q6ZQK4	MKIAA0044 protein	Ppp2r5c	22.096	21.866	15	53.017	17.457	46	0.593763	1
Q6ZWN5;F7CJS8;D	40S ribosomal protein S9	Rps9	25.8859	24.6414	15	22.591	40.012	143	0.433611	1
Q6ZWR6	Nesprin-1	Syne1	23.0413	22.9397	22	1009.9	33.324	26	0.763097	1
Q6ZWV7;G3UWD7	60S ribosomal protein L35	Rpl35;Gm10265	25.4214	23.4403	4	14.552	18.087	47	0.379512	1
Q6ZWX6	Eukaryotic translation initiation factor	Eif2s1	23.9339	23.9341	11	36.108	52.296	76	0.998976	1
Q6ZWY7;Q9WU28	Prefoldin subunit 5	Pfdn5	22.4044	20.7513	5	17.964	10.281	11	0.263973	1
Q6ZWZ6;P63323	40S ribosomal protein S12	Rps12	25.4998	24.2105	7	14.515	53.23	96	0.485435	1
Q71M36	Chondroitin sulfate proteoglycan 5	Cspg5	25.943	25.9813	8	60.405	48.446	109	0.92466	1
Q76MZ3;Q8C2E1;C	Serine/threonine-protein phosphatase	Ppp2r1a	29.9118	29.9305	38	65.322	323.31	1232	0.874365	1
Q78IK2	Up-regulated during skeletal muscle	Usmg5	24.6096	24.6946	4	6.3814	22.506	90	0.742308	1
Q78IK4;Q9CZB4;B1	MICOS complex subunit	Mic27	20.6164	21.5253	5	29.26	7.8773	9	0.242866	1
Q78JE5;D6REV6	F-box only protein 22	Fbxo22	21.7623	21.4915	7	44.202	28.686	18	0.780127	1
Q78ZM0;Q9CU14;C	Sorting nexin-3	Snx3	25.9365	24.176	11	18.762	19.021	94	0.358318	1
Q7TPT7;Q790I0;Q9	Valine--tRNA ligase	Vars	26.9647	27.1054	35	140.23	323.31	223	0.380687	1
Q791T5;Q8CEY5	Mitochondrial carrier homolog 1	Mtch1	25.113	25.4462	13	41.565	50.225	98	0.584408	1
Q7M6W1;A3QM89	Reticulon	Rtn1	26.6758	26.6624	10	23.557	19.807	337	0.964319	1
Q7TMB8;A0A0U1R	Cytoplasmic FMR1-interacting protein	Cyfp1	25.0369	25.4602	43	145.24	60.205	108	0.233175	1
Q7TMH5;Q9D1P0;I	39S ribosomal protein L13, mitochondrial	Mrpl13	22.4865	22.286	6	20.371	3.1798	18	0.649878	1
Q7TMM9;Q99J49	Tubulin beta-2A chain	Tubb2a	30.7346	30.6689	32	49.906	323.31	2738	0.743881	1
Q7TN29;Q3UM96	Stromal membrane-associated protein	Smap2	20.804	21.5986	6	46.577	7.4918	11	0.126529	1
Q7TNC9;Q3TZT4;E9	QAS7;Q8BNK3	Inpp5a	22.5839	22.2961	8	47.622	19.972	25	0.668998	1
Q7TNF0;O35527;H	Double C2-like domain-containing protein	Doc2a	21.2298	21.6203	9	44.608	17.022	22	0.699653	1
Q8K5D8;Q91V89;Q	Protein phosphatase 2a regulatory subunit	ppp2r5d;Ppp2r1	25.3648	25.4586	22	65.312	144.41	137	0.682081	1
Q7TNR6	Immunoglobulin superfamily member	Igsf21	21.267	21.8662	6	51.937	10.815	17	0.535978	1
Q7TNY3;Q9JHG6;Q	Calciopressin-1	Rcan1	21.6575	22.0723	4	28.136	8.9307	19	0.492203	1

Q7TPM6	Fibronectin type III and SPRY domain Fsd1	23.1772	23.496	14	55.524	31.498	64	0.559135	1
Q7TPR4	Alpha-actinin-1 Actn1	22.6363	21.4181	65	103.07	5.8773	10	0.357562	1
Q7TQ95;A2ASL8;A2	Protein lunapark Lnp	22.0844	22.4295	7	47.499	11.585	23	0.633917	1
Q7TQI3;D3YWF6	Ubiquitin thioesterase OTUB1 Otub1	25.9996	27.4916	15	31.27	323.31	595	0.37797	1
Q7TSH2	Phosphorylase b kinase regulatory Phkb	21.3822	21.9736	3	123.89	3.9519	3	0.306319	1
Q7TSJ2;A0A140LIT1	Microtubule-associated protein 6 Map6	29.9063	29.6792	61	96.449	323.31	1528	0.376644	1
Q7TSV4	Phosphoglucomutase-2 Pgm2	21.6613	21.786	4	68.747	5.1683	9	0.867309	1
Q7TSZ3;Q8BMJ2;Q	Leucine--tRNA ligase, cytoplasmic Lars	25.2464	25.1592	19	134.19	44.684	88	0.756689	1
Q7TT37	Elongator complex protein 1 Ikbkap	23.636	23.2874	8	149.58	10.624	18	0.169238	1
Q80SW1	Putative adenosylhomocysteinase Ahcyl1	28.3458	28.3947	29	58.951	323.31	510	0.832383	1
Q80T41	Gamma-aminobutyric acid type B receptor Gabbr2	25.4667	25.8163	18	105.67	74.886	105	0.449238	1
Q80TB8;Q8BL94	Synaptic vesicle membrane protein Vat1l	25.2861	25.4815	18	45.817	97.189	225	0.621298	1
Q80TH1;Q52KF7;A1	Disks large homolog 3 Dlg3	26.1989	26.6058	36	103.83	162.66	165	0.427921	1
Q80TJ1;K4DI76;J3C	Calcium-dependent secretion activator Cadps	29.7786	29.7864	60	153.11	323.31	1398	0.954392	1
Q80TL4;F6SBE4	Protein KIAA1045 Kiaa1045;N281	27.7156	27.8287	24	45.222	323.31	538	0.659584	1
Q80TL7;B9EKJ3	Protein MON2 homolog Mon2	23.5151	23.4699	13	189.08	21.756	25	0.867991	1
Q80TM9;B7ZN33;F	Nischarin Nisch	22.7361	23.1767	13	175.01	34.371	53	0.359138	1
Q80TT4;Q9CZW5;C	Mitochondrial import receptor subunit Tomm70a	27.3814	27.3934	26	69.531	323.31	444	0.972388	1
Q80TZ3	Putative tyrosine-protein phosphatase Dnajc6	28.1318	28.1958	33	102.3	268.29	602	0.874808	1
Q80U23	Syntaxin Snph	23.6826	23.3796	10	53.752	30.457	20	0.417592	1
Q80U56	Late secretory pathway protein AV Avl9	22.5785	22.6081	9	72.185	19.232	21	0.975028	1
Q80UE5;Q80UE3;Q	Band 4.1-like protein 2 Epb4.1l2;Epb41	26.1981	26.3004	31	101.81	110.85	211	0.669862	1
Q80UK0	SEC14 domain and spectrin repeat Sestd1	22.3548	21.4836	5	79.375	24.742	10	0.119143	1
Q80UL3;Q9R0N0;Q	Galactokinase Galk1	23.5741	23.5373	14	42.309	95.755	52	0.95469	1
Q80UU9	Membrane-associated progesterone receptor Pgrmc2	20.2922	21.6851	3	23.334	4.5507	23	0.307124	1
Q80VD1	Protein FAM98B Fam98b	22.5635	22.4653	8	45.349	24.506	36	0.868165	1
Q80VM5	Dipeptidyl aminopeptidase-like precursor Dpp6	27.0695	27.1006	24	91.213	105.38	266	0.926433	1
Q80VP0	Tectonin beta-propeller repeat-containing Tecpr1	24.7468	25.0685	21	130.26	76.059	89	0.235133	1
Q80VP1	Epsin-1 Epn1	26.6676	26.8439	14	60.211	223.67	287	0.411938	1
Q80WG5	Volume-regulated anion channel subunit Lrrc8a	23.0473	23.0755	7	94.118	9.0662	14	0.849206	1
Q80WJ7;E9PUX0;F1	Protein LYRIC Mtdh	22.3253	21.66	8	63.845	13.685	25	0.272841	1
Q80WM4	Hyaluronan and proteoglycan link protein Hapln4	22.9194	23.1317	7	42.808	17.955	45	0.563973	1
Q8CCX6;Q80WQ2;I	Protein VAC14 homolog Vac14	22.724	22.8218	7	76.152	25.108	16	0.844528	1

Q80X50;Q8BJ53;Q8U0U8	Ubiquitin-associated protein 2-like 1	Uba2l1	21.6916	21.6418	7	116.8	13.017	25	0.957256	1
Q80X54;Q91YJ2	Sorting nexin-4	Snx4	22.7416	22.5546	13	47.04	39.1	67	0.673982	1
Q80X80;Q8CAA2;Q8C2D2L1	C2 domain-containing protein 2-like 1	C2cd2l1	24.0297	24.198	14	76.328	38.851	80	0.741408	1
Q80X85	28S ribosomal protein S7, mitochondrial	Mrps7	20.7626	20.9564	4	28.062	5.4557	6	0.881845	1
Q80X90	Filamin-B	Flnb	22.3545	23.0036	11	277.82	12.373	17	0.448728	1
Q80X95	Ras-related GTP-binding protein A	Rraga	20.9072	22.6721	8	36.566	55.117	18	0.144127	1
Q80XD3	Regulator of G-protein-signaling 7	Rgs7	26.9092	26.888	22	55.014	184.1	338	0.955124	1
Q80XN0;D3Z2Y8	D-beta-hydroxybutyrate dehydrogenase	Bdh1	24.6915	26.3151	16	38.299	89.578	416	0.205716	1
Q80Y09;Q9WU78;Q8PDCD6IP	Programmed cell death 6-interacting protein 1	Pdcd6ip	26.2481	26.1488	31	96.31	178.66	178	0.80127	1
Q80Z38;D3Z5K8;ACSH3	SH3 and multiple ankyrin repeat domain-containing protein 2	Shank2	27.6876	27.5886	46	158.97	277.13	438	0.622103	1
Q80ZJ1	Ras-related protein Rap-2a	Rap2a	25.4677	23.7437	13	20.642	21.886	97	0.319154	1
Q80ZJ8;Q8K046;E9EFH1	EF-hand calcium-binding domain-containing protein 2b	Cracr2b	22.9711	23.4009	2	44.437	2.6027	9	0.820974	1
Q80ZW2	Protein THEM6	Them6	23.2188	21.6087	8	23.802	19.717	40	0.116465	1
Q810A3;Q6P3Y6	Tetratricopeptide repeat protein 9c	Ttc9c	21.296	21.637	2	19.997	2.5477	12	0.755029	1
Q810B6;B7ZP20	Rabankyrin-5	Ankfy1	24.3706	24.1068	13	128.65	27.329	44	0.572771	1
Q810U3	Neurofascin	Nfasc	29.1243	29.2758	39	137.97	323.31	878	0.256723	1
Q810U4	Neuronal cell adhesion molecule 1	Nrcam	28.5132	28.4417	29	138.52	323.31	455	0.675674	1
Q8R2U8;Q8BFP9	[Pyruvate dehydrogenase (acetyl-transferring) subunit E1]	Pdk1	23.5313	23.5387	11	48.836	84.089	62	0.971363	1
Q8BFQ8	Parkinson disease 7 domain-containing protein 1	Pddc1	23.8487	22.7433	7	23.277	26.63	80	0.306959	1
Q8BFR5	Elongation factor Tu, mitochondrial	Tufm	28.4017	28.4178	30	49.508	323.31	736	0.974539	1
Q8BFS6;D3Z7F7	Serine/threonine-protein phosphatase 1	Cpped1	20.9215	21.9612	6	35.247	7.1902	11	0.063371	1
Q8BFT9;D3Z379	Synaptic vesicle 2-related protein	Svop	22.5045	22.547	6	60.768	14.948	17	0.979566	1
Q8BFU3	RING finger protein 214	Rnf214	23.3568	23.5225	10	73.624	35.371	35	0.566402	1
Q8BFY6	Peflin	Pef1	22.692	23.9219	8	29.227	19.177	88	0.404465	1
Q8BFZ9;A0A1B0GS	Erlin-2	Erlin2	23.6988	23.7451	10	37.872	29.011	68	0.923595	1
Q8BG18	N-terminal EF-hand calcium-binding domain-containing protein 1	Necab1	23.5692	23.174	11	40.933	52.47	81	0.409813	1
Q8BG39	Synaptic vesicle glycoprotein 2B	Sv2b	28.2772	28.3189	20	77.456	248.32	506	0.945716	1
Q8BG40	Katanin p80 WD40 repeat-containing protein 1	Katnb1	22.8384	22.1495	5	72.638	10.123	11	0.104884	1
Q8BG51	Mitochondrial Rho GTPase 1	Rhot1	24.3139	23.9038	12	72.241	21.1	62	0.032439	1
Q8BGB7	Enolase-phosphatase E1	Enoph1	22.7466	24.2325	6	28.6	38.83	90	0.184011	1
Q8BGH2	Sorting and assembly machinery component 50	Samm50	26.0196	25.9883	21	51.863	104.91	298	0.816265	1
Q8BGK5	Solute carrier family 35 member F1	Slc35f1	21.4271	21.6786	1	45.304	2.0478	11	0.7042	1
Q8BGN8	Synaptoporin	Synpr	24.3906	24.4354	5	29.228	14.667	78	0.940363	1

Q8BGR6;B7ZN40	ADP-ribosylation factor-like protein Arl15	21.6656	20.252	5	22.905	7.266	10	0.100807	1
Q8BGR9	Ubiquitin-like domain-containing C Ublcp1	20.5061	21.0144	3	36.836	3.7507	18	0.369357	1
Q8BGT8;F7D3N3;F1	Phytanoyl-CoA hydroxylase-interact Phyhipl	27.3453	27.1506	19	42.34	152.28	263	0.662949	1
Q8BGU5	Cyclin-Y Ccny	22.023	22.8673	7	39.394	13.962	47	0.256099	1
Q8BGX2	Uncharacterized protein C19orf52 homolog	22.0516	23.8315	10	29.415	41.135	55	0.283203	1
Q8BH44	Coronin-2B Coro2b	25.4515	25.1999	21	54.936	54.71	164	0.363862	1
Q8BH57	WD repeat-containing protein 48 Wdr48	22.804	22.877	14	76.006	27.18	32	0.95979	1
Q8BH58	TIP41-like protein Tiprl	21.6294	21.8925	7	31.253	13.764	23	0.70762	1
Q8BH59	Calcium-binding mitochondrial carrier Slc25a12	29.8697	29.9426	42	74.569	323.31	1988	0.751398	1
Q8BH66;Q6PGE9	Atlastin-1 Atl1	27.3192	27.3931	25	63.377	223.45	381	0.740829	1
Q8BH80;Q9QY76;C	Vesicle-associated membrane protein Vapb	24.2152	25.4652	10	26.918	52.38	112	0.546979	1
Q8BH95	Enoyl-CoA hydratase, mitochondrial Echs1	24.5025	26.4742	11	31.474	85.712	253	0.34467	1
Q8BHC2;Q9CX00	IST1 homolog Ist1	22.2694	22.1977	9	31.201	13.429	27	0.926426	1
Q8BHC4;B0QZX9	Dephospho-CoA kinase domain-containing Dcakd	22.4235	21.0671	4	26.476	6.5847	9	0.168127	1
Q8BHE3	Caytaxin Atcay	26.4563	26.4518	10	42.178	63.571	165	0.986403	1
Q8BHL3	TBC1 domain family member 10B Tbc1d10b	24.1173	24.0534	8	87.274	18.577	30	0.906862	1
Q8BHL5	Engulfment and cell motility protein Elmo2	22.9729	22.719	11	83.886	16.444	26	0.622101	1
Q8BHZ0;Q9CWE1	Protein FAM49A Fam49a	23.1342	22.4155	14	37.342	37.522	86	0.050003	1
Q8BIG7;H3BJ37	Catechol O-methyltransferase domain Comtd1	23.2872	24.3481	8	28.96	51.527	55	0.585008	1
Q8BIJ6;E9PWN2;Q8	Isoleucine--tRNA ligase, mitochondrial lars2	27.1555	27.0518	30	112.8	211.35	263	0.738232	1
Q8BIW1	Protein prune homolog Prune	24.1818	24.0277	13	50.239	80.457	71	0.741763	1
Q8BJH1	Zinc finger C2HC domain-containing Zc2hc1a	24.3453	23.7895	12	35.152	22	63	0.258473	1
Q8BJY1	26S proteasome non-ATPase regulator Psmd5	24.9682	24.8774	20	55.971	97.866	113	0.771547	1
Q8BK72	28S ribosomal protein S27, mitochondrial Mrps27	21.3306	21.0306	6	47.778	9.2261	25	0.690219	1
Q8BKC5;Q3TT04;Q	Importin-5 lpo5	26.7148	26.8866	38	123.59	192.98	296	0.729187	1
Q8BKS6;Q8C167	Prolyl endopeptidase-like Prepl	24.5722	24.6816	19	75.909	41.445	94	0.43381	1
Q8BKZ9	Pyruvate dehydrogenase protein X Pdhx	25.3861	25.753	12	53.998	289.24	186	0.391232	1
Q8BL66;Q05CS7	Early endosome antigen 1 Eea1	26.4991	26.1782	40	160.91	158.47	124	0.515785	1
Q8BL86	Metallo-beta-lactamase domain-containing Mblac2	22.2468	23.2443	11	31.205	14.889	39	0.311367	1
Q8BLE7;A0A0R4J0A	Vesicular glutamate transporter 2 Slc17a6	28.045	28.0962	17	64.56	148.32	287	0.848243	1
Q8BLF1	Neutral cholesterol ester hydrolase Nceh1	24.9325	25.028	12	45.739	60.107	124	0.747386	1
Q9D6C8;Q8BLR2	Copine-4 Cpne4	23.1331	22.7149	9	52.783	11.768	28	0.400849	1
Q8BLY2	Probable threonine--tRNA ligase 2, Tarsl2	21.1944	21.9117	8	91.317	13.112	28	0.436295	1

Q8BMF3;Q3UZW5	NADP-dependent malic enzyme, m Me3	25.2753	25.538	25	67.098	224.27	151	0.629122	1
Q8BMF4	Dihydrolipoyllysine-residue acetyl CoA	29.0052	29.0664	25	67.941	323.31	913	0.544125	1
Q8BMI3;A2A9W7;S	ADP-ribosylation factor-binding protein Gga3	23.1139	24.0777	9	77.972	56.581	26	0.430102	1
Q8BMJ3;Q4FJR7;Q	Eukaryotic translation initiation factor Eif1a;Eif1a	24.5273	22.3476	4	16.46	5.5505	22	0.274987	1
Q8BMK4	Cytoskeleton-associated protein 4 Ckap4	23.9284	23.2395	12	63.691	24.65	33	0.590084	1
Q8BMS1;Q3TB39	Trifunctional enzyme subunit alpha Hadha	27.3642	27.3705	33	82.669	323.31	359	0.97612	1
Q8BNU0	Armadillo repeat-containing protein Armc6	22.8283	23.4613	11	50.683	50.816	48	0.142701	1
Q8BNW9	Kelch repeat and BTB domain-containing Kbtbd11	24.1975	24.1789	20	67.945	50.928	73	0.971299	1
Q8BNY6	Neuronal calcium sensor 1 Ncs1	22.6963	21.3254	4	21.878	4.9849	19	0.379815	1
Q8BP40	Lysophosphatidic acid phosphatase Acp6	20.5784	21.5674	3	47.624	6.2341	8	0.191311	1
Q8BP47	Asparagine--tRNA ligase, cytoplasmic Nars	25.6875	25.7054	21	64.279	112.94	211	0.919595	1
Q9JJ43;Q8BP71	RNA binding protein fox-1 homolog Rbfox1;Rbfox2	23.3754	23.3261	5	42.678	12.294	22	0.944186	1
Q8BPN8;B0V2P5;F	DmX-like protein 2 Dmxl2	29.5169	29.5173	121	338.2	323.31	1191	0.997463	1
Q8BRF7	Sec1 family domain-containing protein Scfd1	21.5627	21.7219	5	72.322	5.3936	11	0.765076	1
Q8BRQ9;Q925N0	Sideroflexin;Sideroflexin-5 Sfxn5	26.1665	25.7502	11	32.783	91.294	182	0.440161	1
Q8BTF0;Q8CIE6;F8	Coatomer subunit alpha;Coatomer Copa	25.3927	25.4954	29	138.52	65.834	110	0.877374	1
Q8BTG3	T-complex protein 11-like protein 1 Tcpl1l1	20.9186	20.9399	6	56.331	5.2066	14	0.941392	1
Q8BTG7	Protein NDRG4 Ndr4	25.7263	25.7766	15	38.508	236.63	157	0.849597	1
Q8BTI8;A0A087WR	Serine/arginine repetitive matrix protein Srm2	22.2267	22.1925	5	294.84	7.0819	5	0.980598	1
Q8BTX9;A0A1D5RL	Inactive hydroxysteroid dehydrogenase Hsd1l	22.7994	22.4643	9	36.867	15.314	28	0.619377	1
Q8BTZ7	Mannose-1-phosphate guanylyltransferase Gmppb	22.9431	22.8526	11	39.916	47.464	46	0.854864	1
Q8BU20;Q9CQH3;I	NADH dehydrogenase [ubiquinone] Ndufb5	26.452	25.877	9	21.738	40.778	210	0.174942	1
Q8BU30	Isoleucine--tRNA ligase, cytoplasmic Iars	25.8482	25.9424	31	144.27	68.39	128	0.515941	1
Q8BU88	39S ribosomal protein L22, mitochondrial Mrpl22	22.7495	21.421	3	23.805	4.255	12	0.11686	1
Q8BUK6	Protein Hook homolog 3 Hook3	23.2873	23.3494	12	83.217	38.602	37	0.566034	1
Q8BUN9;B1AXF2	Solute carrier family 24 (sodium/potassium) Slc24a2	24.2338	25.2871	7	74.24	68.419	66	0.128384	1
Q8BVG4	Dipeptidyl peptidase 9 Dpp9	23.4422	23.2624	1	98	20.11	16	0.638912	1
Q8BVI4;D3YWR7;A	Dihydropteridine reductase Qdpr	23.9102	26.5683	15	25.57	145.93	265	0.340891	1
Q8BVI5;F7CJY7;F6X	Syntaxin-16 Stx16	23.1387	23.4271	9	37.08	67.199	52	0.709314	1
Q8BVQ5	Protein phosphatase methylesterase 1 Ppme1	26.1797	26.1243	18	42.256	192.73	269	0.764055	1
Q8BW75	Amine oxidase [flavin-containing] E Maob	26.2751	26.3349	20	58.557	195.56	176	0.878384	1
Q8BWG8;J3QNU6	Beta-arrestin-1 Arrb1	24.8722	24.9103	11	46.972	48.296	89	0.900942	1
Q8BWM0	Prostaglandin H synthase 2;Prostaglandin synthase 2	21.9877	23.4574	15	43.323	29.433	50	0.469125	1

Q8BWR2;B1AV57	PITH domain-containing protein 1	Pithd1	21.5861	23.1885	9	24.192	20.029	34	0.182496	1
Q8BWT1;Q3UKH3	3-ketoacyl-CoA thiolase, mitochondr	Acaa2	26.2975	26.1089	20	41.829	175.2	214	0.325157	1
Q8BX10;B7ZWNW0;A	Serine/threonine-protein phosphat	Pgam5	21.8793	22.9898	14	31.994	17.832	34	0.236534	1
Q8BXQ4;Q8K2V6	Importin-11	Ipo11	21.3786	21.3165	3	82.159	8.9721	9	0.959776	1
Q8BXR1;D3YY38	Probable cationic amino acid trans	Slc7a14	24.8111	25.1598	8	83.983	60.902	59	0.316257	1
Q8BXV2;A0A0G2JG	BRI3-binding protein	Bri3bp	22.5202	21.7999	2	28.263	6.7423	29	0.645586	1
Q8BXZ1	Protein disulfide-isomerase TMX3	Tmx3	23.4674	23.041	8	51.847	74.633	27	0.655476	1
Q8BY89	Choline transporter-like protein 2	Slc44a2	23.1097	23.7373	7	80.109	11.429	33	0.539244	1
Q8BYA0	Tubulin-specific chaperone D	Tbcd	21.8306	21.29	8	133.32	25.342	12	0.709143	1
Q8BYI9	Tenascin-R	Tnr	30.3752	30.3753	40	149.59	323.31	1517	0.999243	1
Q8BZ29;Q3UQA6;A	Progesterone receptor	Pgr	23.2962	23.7189	2	78.076	2.0345	10	0.833381	1
Q8C027;Q91W86	Vacuolar protein sorting-associate	Vps11	21.0936	20.677	3	93.215	3.8257	6	0.58886	1
Q8C031	Leucine-rich repeat-containing pro	Lrrc4c	22.38	22.1197	7	71.991	7.8989	9	0.70172	1
Q8C052;B2RWW1;	Microtubule-associated protein 1S	Map1s	23.4611	23.3618	10	102.94	24.487	30	0.826167	1
Q8C078;A0A0G2JE	Calcium/calmodulin-dependent pr	Camkk2	23.901	23.6679	13	64.617	30.328	53	0.434991	1
Q8C0C7;E9PWY9;C	Phenylalanine--tRNA ligase alpha s	Farsa	25.2058	25.0229	16	57.598	75.165	107	0.58503	1
Q8C0D5	Elongation factor Tu GTP-binding d	Eftud1	21.809	22.0936	5	125.78	8.5613	11	0.049219	1
Q8C0E2	Vacuolar protein sorting-associate	Vps26b	25.7684	25.8155	18	39.124	50.111	147	0.901306	1
Q8C0M9	Isoaspartyl peptidase/L-asparagina	Asrgl1	25.9549	25.8168	14	33.95	60.481	208	0.775194	1
Q8C0T5;Q4VBF8	Signal-induced proliferation-associ	Sipa1l1	25.4988	25.2745	32	197.03	78.684	85	0.198244	1
Q8C129;Q8BZ14;Q	Leucyl-cystinyl aminopeptidase	Lnpep	23.7828	23.4098	11	117.3	13.905	22	0.652281	1
Q8C163;E9PZS5	Nuclease EXOG, mitochondrial	Exog	23.4815	23.4786	8	41.383	37.626	69	0.988139	1
Q8C1L7;Q9CQR2	40S ribosomal protein S21	mCG_6739;Rps	20.2866	20.8449	5	8.88	11.717	16	0.395868	1
Q8C2D1;Q8VDX8;C	Histidine--tRNA ligase, cytoplasmic	Hars	23.8746	23.7725	18	57.402	75.899	92	0.802822	1
Q8C2Q3;E9QL13;Q	RNA-binding protein 14	Rbm14;p16	22.0675	21.4817	7	69.448	20.426	19	0.618688	1
Q8C419	Probable G-protein coupled recept	Gpr158	25.5301	25.4977	28	134.42	75.3	118	0.918049	1
Q8VC93;Q8C460;A	ERI1 exoribonuclease 3	Eri3	24.1989	23.037	6	29.682	10.938	38	0.363437	1
Q8C4Q6	Axin interactor, dorsalization-assoc	Aida	21.1051	21.7421	4	34.888	6.9563	7	0.449996	1
Q8C5H8;Q14BL1;Q	NAD kinase 2, mitochondrial	Nadk2	23.5843	23.9971	13	50.858	46.747	78	0.535298	1
Q8C5R8;Q32M04	Phosphoribosyl pyrophosphate syn	Prps1l1	23.9436	22.9755	7	34.82	50.025	16	0.207362	1
Q8C729	Protein FAM126B	Fam126b	23.6076	23.3823	12	58.586	23.228	44	0.531853	1
Q8C7K6	Prenylcysteine oxidase-like	Pcyox1l	23.4461	23.2002	9	54.874	51.568	38	0.364221	1
Q8C845;Q9D8Y0	EF-hand domain-containing proteir	Efhd2	25.3705	27.3889	18	26.8	129.04	400	0.401975	1

Q8C854;A2ATP5;A1	Myelin expression factor 2	Myef2	25.1388	25.1237	20	63.294	66.962	113	0.951759	1	
Q8C8N2	Protein SCAI	Scai	25.7726	25.7517	25	70.274	109.07	215	0.93086	1	
Q8C996	Transmembrane protein 163	Tmem163	22.5577	23.0292	4	31.193	22.267	18	0.584393	1	
Q8C9V6;Q8R0J2;Q8C9V6	Mannose-P-dolichol utilization defect 1	Mpdu1	21.8027	21.4071	2	25.668	3.4366	11	0.6865	1	
Q8CA71;Q8CEK6	Protein shisa-4	Shisa4	21.8601	22.8115	2	21.483	5.1859	45	0.481442	1	
Q8CAA7;I6L9A5	Glucose 1,6-bisphosphate synthase	Pgm2l1	27.5563	27.5551	33	70.279	236.53	515	0.994593	1	
Q8CAB8	GATS-like protein 2	Gatsl2	21.0472	21.2759	4	36.112	6.3644	19	0.706487	1	
Q8CAQ8	MICOS complex subunit	Mic60	Immt	28.9104	28.9889	51	83.899	323.31	854	0.851996	1
Q8CAY6;G3XA25;Q8CAY6	Acetyl-CoA acetyltransferase, cytosolic	Acat2;Acat3	25.5534	25.5291	15	41.297	117.17	188	0.863315	1	
Q8CBE3;Q3UK24	WD repeat-containing protein 37	Wdr37	25.5109	25.4215	20	55.045	105.94	182	0.552681	1	
Q8CC13	AP complex subunit beta	Ap1b1	29.0147	29.0818	63	105	323.31	536	0.898513	1	
Q8CC88	von Willebrand factor A domain-containing protein 8	Vwa8	22.7753	22.912	8	213.42	38.219	22	0.538434	1	
Q8CCK0;Q8BP16;A1	Core histone macro-H2A.2;Core histone H2afy2;H2afy3	H2afy2;H2afy3	21.7451	22.4445	7	40.092	14.088	12	0.451171	1	
Q8CFX3;Q8QZT6	Protocadherin 1	Pcdh1	25.9425	25.9454	17	112.41	194.19	89	0.974716	1	
Q8CG72	Poly(ADP-ribose) glycohydrolase A1	Adprhl2	22.4913	22.6693	6	39.414	15.038	38	0.409153	1	
Q8CG76	Aflatoxin B1 aldehyde reductase m	Akr7a2	24.8094	24.7797	10	40.612	78.01	99	0.869169	1	
Q8CGA0	Protein phosphatase 1F	Ppm1f	23.3819	23.9391	12	49.61	99.46	64	0.41359	1	
Q8CGF6	WD repeat-containing protein 47	Wdr47	24.418	24.4898	17	102.31	49.671	97	0.885657	1	
Q8CGK3;Q3V2D0	Lon protease homolog, mitochondrial	Lonp1	26.0935	26.1762	30	105.84	228.16	195	0.831604	1	
Q8CGY8	UDP-N-acetylglucosamine--peptide 4-epimerase	Ogt	26.7829	26.5668	41	116.95	107.1	223	0.195047	1	
Q8CHK3	Lysophospholipid acyltransferase 7	Mboat7	24.4395	24.6446	6	53.435	99.818	49	0.499044	1	
Q8CHP8;Q5XK18;Q8CHP8	Phosphoglycolate phosphatase	Pgp	24.5043	25.7814	18	34.54	210.2	201	0.360178	1	
Q8CHT0	Delta-1-pyrroline-5-carboxylate dehydrogenase	Aldh4a1	23.6926	23.7965	10	61.84	36.515	43	0.756751	1	
Q8CHU3;Q5NCM6;Q8CHU3	Epsin-2	Epn2	22.9325	22.3109	7	63.471	13.334	25	0.124918	1	
Q8CHW4	Translation initiation factor eIF-2B	Eif2b5	21.6367	21.6613	5	80.085	5.8464	8	0.980204	1	
Q8CHX7	Raftlin-2	Rftn2	21.429	21.7164	4	54.971	14.648	12	0.642835	1	
Q8CI32	BAG family molecular chaperone re	Bag5	22.0646	22.1601	7	50.942	11.79	15	0.875865	1	
Q8CI71	Coiled-coil domain-containing protein	Ccdc132	24.7218	24.6809	17	111.17	32.88	69	0.945379	1	
Q8CIJ3;Q8JZQ9	Eukaryotic translation initiation factor	Eif3b	24.2954	24.5141	16	108.98	45.303	49	0.434248	1	
Q8CIN4	Serine/threonine-protein kinase PA	Pak2	23.5331	23.8506	17	57.93	41.535	61	0.323751	1	
Q8CJ19;A0A1D5RM	Protein-methionine sulfoxide oxidase	Mical3	24.5221	24.2939	18	223.72	26.75	40	0.351286	1	
Q8CJ40	Rootletin	Crocc	21.1838	22.4549	8	226.94	30.601	18	0.092217	1	
Q8CJ61	CKLF-like MARVEL transmembrane protein	Cmtm4	22.3762	21.0481	3	22.921	2.7952	14	0.047693	1	

Q8CJG0;Q6PHA2;Q Protein argonaute-2;Piwi-like prote	Ago2	21.8455	22.5369	9	97.303	12.415	11	0.489597	1	
Q8HW98;A0A0U1R IgLON family member 5	Iglon5	20.5908	20.7594	2	36.766	5.8594	4	0.849446	1	
Q8JZN5	Acyl-CoA dehydrogenase family me	Acad9	25.1992	25.4996	25	68.721	112.5	152	0.373905	1
Q8JZR6	Electroneutral sodium bicarbonate	Slc4a8	23.6205	23.4674	18	122.42	16.835	36	0.784376	1
Q8JZS0;Q3TUM0	Protein lin-7 homolog A	Lin7a	25.6627	26.3872	10	25.992	39.073	153	0.506866	1
Q8JZU2;F6VVY4	Tricarboxylate transport protein, r	Slc25a1	22.4023	23.2974	7	33.931	10.375	35	0.084364	1
Q8JZW4	Copine-5	Cpne5	24.2296	24.4811	17	65.592	95.177	96	0.53083	1
Q8K010;E9Q484;Q 5-oxoprolinase	Oplah	24.2425	24.0775	12	137.61	17.299	42	0.628487	1	
Q8K0E9;Q9DBB8	Trans-1,2-dihydrobenzene-1,2-diol	Dhdh	22.5042	22.5083	6	36.641	44.388	35	0.992132	1
Q8K0G5	Protein TSSC1	Tssc1	23.4173	23.8721	10	43.126	76.328	71	0.496197	1
Q8K0U4	Heat shock 70 kDa protein 12A	Hspa12a	28.1462	28.2799	42	74.87	323.31	642	0.691073	1
Q8K0Z7	Translational activator of cytochro	Taco1	22.1502	21.5641	5	32.314	7.0708	23	0.358753	1
Q8K183;D3Z7R1	Pyridoxal kinase	Pdxk	27.6171	27.7719	19	35.015	323.31	539	0.008137	1
Q8K1M6;Q3U4P3	Dynamin-1-like protein	Dnm1l	28.7239	28.7711	46	82.657	323.31	877	0.761742	1
Q8K1Z0;F6SFF5	Ubiquinone biosynthesis protein C	Coq9	22.6012	24.3252	8	35.082	24.351	77	0.329487	1
Q8K212;Q3TAB8;Q Phosphofurin acidic cluster sorting	Pacs1	26.4382	26.1397	25	104.83	66.468	188	0.363849	1	
Q8K215	LYR motif-containing protein 4	Lym4	22.4852	22.5784	5	10.854	9.1216	29	0.91525	1
Q8K232;Q9QYC0;F Alpha-adducin	Add1	29.312	29.2439	33	80.623	323.31	939	0.811705	1	
Q8K273	Membrane magnesium transporter	Mmgt1	20.5956	20.8565	2	14.677	7.2937	4	0.626695	1
Q8K274	Ketosamine-3-kinase	Fn3krp	23.613	23.6849	11	34.468	30.273	49	0.692212	1
Q8K2B3	Succinate dehydrogenase [ubiquin	Sdha	28.9396	28.8936	36	72.585	323.31	810	0.900047	1
Q8K2C6;Q5M8R0	NAD-dependent protein deacylase	Sirt5	21.2662	22.2066	9	34.134	16.261	18	0.346296	1
Q8K2C9	Very-long-chain (3R)-3-hydroxyacyl	Hacd3	25.7946	26.1461	10	43.131	49.251	148	0.318647	1
Q8K2D8;Q9JI19	Acidic fibroblast growth factor intr	Fibp	21.2808	21.1437	5	41.871	8.9787	19	0.517837	1
Q8K2Q7	BRO1 domain-containing protein B	Brox	22.1301	21.8404	6	46.201	12.612	16	0.794249	1
Q8K341	Alpha-tubulin N-acetyltransferase	Atat1	22.8453	22.8925	13	47.163	20.863	30	0.885181	1
Q8K354	Carbonyl reductase [NADPH] 3	Cbr3	23.1003	24.2065	12	30.953	41.067	63	0.350448	1
Q8K394	Inactive phospholipase C-like prote	Plcl2	25.2341	25.4672	23	125.77	51.603	62	0.562991	1
Q8K3H0	DCC-interacting protein 13-alpha	Appl1	25.5417	25.5727	23	79.327	85.89	142	0.899457	1
Q8K411	Presequence protease, mitochondi	Pitrm1	22.1868	22.254	6	117.37	9.7753	12	0.933611	1
Q8K4F5;D3YYK0	Alpha/beta hydrolase domain-cont	Abhd11	21.3095	22.587	7	33.56	9.9016	24	0.07393	1
Q8K4R4;A0A0A0M	Cytoplasmic phosphatidylinositol t	Pitpnc1	21.6361	21.5178	4	38.383	10.832	13	0.910688	1
Q8K4Z3	NAD(P)H-hydrate epimerase	Apoa1bp	24.0158	25.751	11	30.972	59.57	126	0.374931	1

Q8K4Z5;Q3TVM1;C	Splicing factor 3A subunit 1	Sf3a1	22.2836	21.2249	6	88.544	6.5483	6	0.334169	1
Q8QZS1;E0CX19	3-hydroxyisobutyryl-CoA hydrolase	Hibch	25.5805	25.4928	18	43.037	112.33	165	0.412363	1
Q8QZT1;Q3TQP7	Acetyl-CoA acetyltransferase, mito	Acat1	28.7328	28.702	23	44.816	323.31	570	0.926275	1
Q8QZT2	Centriole, cilia and spindle-associat	Ccsap	22.4323	22.0072	6	28.378	20.397	36	0.529918	1
Q8QZV4;E9P XK4	Serine/threonine-protein kinase 32	Stk32c	24.1972	24.3971	11	55.262	97.045	58	0.569916	1
Q8QZY1	Eukaryotic translation initiation fac	Eif3l	23.7331	23.6607	17	66.612	33.404	62	0.694769	1
Q8R010;Q8R3V2	Aminoacyl tRNA synthase complex	Aimp2	22.0022	22.1429	8	35.377	15.237	43	0.671958	1
Q8R016	Bleomycin hydrolase	Blmh	25.3273	25.2654	25	52.511	131.31	143	0.950041	1
Q8R050;Q8CCV1;Q	Eukaryotic peptide chain release fa	Gspt1	24.0767	24.2668	14	68.625	50.988	45	0.429773	1
Q8R071	Inositol-trisphosphate 3-kinase A	Itpka	26.5661	26.376	24	50.934	287.81	315	0.663402	1
Q8R0F8	Acylpyruvase FAHD1, mitochondria	Fahd1	23.1681	24.7521	8	25.172	26.177	36	0.249205	1
Q8R0H9;Q3TB03	ADP-ribosylation factor-binding prc	Gga1	23.0953	22.5495	8	69.971	41.898	22	0.23318	1
Q8R0Y6;Q8CIF2	Cytosolic 10-formyltetrahydrofolat	Aldh1l1	27.6592	27.6643	50	98.708	316.17	477	0.987516	1
Q8R123	FAD synthase;Molybdenum cofactr	Flad1	21.6574	21.7121	13	54.766	19.836	26	0.950906	1
Q8R127;Q3ULN6	Saccharopine dehydrogenase-like c	Sccpdh	25.0214	24.9358	10	47.129	85.861	96	0.810531	1
Q8R191	Synaptogyrin-3	Syngr3	27.4323	27.6261	7	24.561	42.658	202	0.720573	1
Q8R1B4;Q66JU1	Eukaryotic translation initiation fac	Eif3c	24.8224	24.702	16	105.53	49.673	68	0.802001	1
Q8R1G2	Carboxymethylenebutenolidase ho	Cmb1	21.5293	22.507	4	27.902	23.258	9	0.268642	1
Q8R1S0;D3YW66	Ubiquinone biosynthesis monooxy	Coq6	21.3612	22.4592	7	51.392	16.531	27	0.295604	1
Q8R1T1	Charged multivesicular body protei	Chmp7	22.2111	21.8914	7	50.632	26.247	23	0.665999	1
Q8R2R9	AP-3 complex subunit mu-2	Ap3m2	24.4957	24.4122	14	46.916	41.4	106	0.675561	1
Q9D375;Q8R2Y0	Monoacylglycerol lipase ABHD6	Abhd6	22.2715	21.7292	11	32.788	28.776	28	0.441695	1
Q8R2Y8	Peptidyl-tRNA hydrolase 2, mitochr	Ptrh2	22.6167	22.4472	5	19.526	16.392	31	0.623523	1
Q8R2Z5	von Willebrand factor A domain-co	Vwa1	21.2653	21.2433	5	44.708	7.4099	9	0.974719	1
Q8R326	Paraspeckle component 1	Pspc1	24.7417	24.8542	14	58.758	45.954	84	0.468405	1
Q8R3F5	Malonyl-CoA-acyl carrier protein tr	Mcat	21.5644	21.6997	4	41.928	8.1082	27	0.778215	1
Q8R404	Protein QIL1	Qil1	23.007	22.1251	8	13.373	15.829	30	0.542945	1
Q8R464	Cell adhesion molecule 4	Cadm4	25.0261	25.1056	11	42.723	104.32	125	0.731373	1
Q8R480	Nuclear pore complex protein Nup	Nup85	22.2241	21.4383	2	74.775	7.6653	10	0.353977	1
Q8R4E6	Purine-rich element-binding protei	Purg	21.2518	20.8811	7	39.937	6.2184	22	0.59072	1
Q8R4N0;Q9DCJ6	Citrate lyase subunit beta-like prot	Clybl	21.1122	21.927	8	37.548	65.813	22	0.427809	1
Q8R550;Q3TA88;B	SH3 domain-containing kinase-binc	Sh3kbp1	21.2853	21.5201	4	78.169	6.9155	8	0.55033	1
Q8R570;B2FDF6	Synaptosomal-associated protein 4	Snap47	24.3142	24.7848	20	46.524	90.323	169	0.119126	1

Q8R5C5;Q8R1B2	Beta-centractin	Actr1b	25.961	25.8645	18	42.281	164.37	220	0.677728	1
Q8R5H1	Ubiquitin carboxyl-terminal hydrolase	Usp15	23.3465	23.3028	13	112.32	29.767	21	0.92728	1
Q8R5H6	Wiskott-Aldrich syndrome protein	Wasf1	26.9014	26.8731	17	61.508	323.31	261	0.903679	1
Q8R5J9	PRA1 family protein 3	Arl6ip5	24.9724	25	7	21.557	44.123	117	0.952624	1
Q8R5L1;O35658	Complement component 1 Q subcomponent	C1qbp	23.6729	25.3948	6	31.025	29.324	164	0.336461	1
Q8VBT9	Tether containing UBX domain for	Aspscr1	21.7627	21.69	9	59.795	6.6183	12	0.86213	1
Q8VBV7	COP9 signalosome complex subunit	Cops8	25.7336	23.8076	6	23.255	44.186	99	0.360365	1
Q8VBY2;B1AUD3	Calcium/calmodulin-dependent protein kinase	Camkk1	23.8978	23.7188	17	55.837	29.182	55	0.553769	1
Q8VBZ3	Cleft lip and palate transmembrane protein	Clptm1	22.6144	22.6314	7	75.29	34.098	29	0.989957	1
Q8VCE6	5(3)-deoxyribonucleotidase, mitochondrial	Nt5m	21.0091	21.5435	5	25.602	10.429	23	0.658612	1
Q8VCT3;E9PYF1;Q8VCE6	Aminopeptidase B	Rnpep	25.3308	25.4162	22	72.415	173.74	113	0.495351	1
Q8VCW8	Acyl-CoA synthetase family member	Acsf2	26.3964	26.3846	27	67.95	260.61	179	0.974234	1
Q8VD33;E0CZ99;E0CZ99	Small glutamine-rich tetratricopeptide repeat	Sgtb	23.657	23.4998	8	33.429	44.001	38	0.550026	1
Q8VD37;F7CPX0	SH3-containing GRB2-like protein 3	Sgip1	27.3274	27.1596	28	86.062	317.14	362	0.714829	1
Q8VDD5;Q3UFT0	Myosin-9	Myh9	27.6063	27.5861	84	226.37	323.31	411	0.952095	1
Q8VDK1;D3YY53	Nitrilase homolog 1	Nit1	23.0443	24.9536	15	35.705	41.755	85	0.242468	1
Q8VDK4;Q9WTR5;Q9WTR5	Cadherin-13	Cdh13	24.2969	24.4478	7	78.116	68.752	47	0.592973	1
Q8VDM6	Heterogeneous nuclear ribonucleoprotein	Hnrnpul1	22.8792	22.9221	8	96.001	8.3096	18	0.966425	1
Q8VDN2;Q3TXF9;Q3TXF9	Sodium/potassium-transporting ATPase	Atp1a1	31.7272	31.6817	61	112.98	323.31	1692	0.888676	1
Q8VDP4	Cell cycle and apoptosis regulator	Ccar2	24.14	23.7856	10	103	13.88	35	0.518643	1
Q8VE22;F7ARZ1;Q8VE22	28S ribosomal protein S23, mitochondrial	Mrps23	22.3054	21.908	6	20.348	5.4863	19	0.388593	1
Q8VE47	Ubiquitin-like modifier-activating enzyme	Uba5	22.9629	23.1589	9	44.789	64.451	51	0.250468	1
Q8VE70;F8WI55;Q8VE70	Programmed cell death protein 10	Pdcd10	22.3235	22.6613	5	24.715	12.406	32	0.687884	1
Q8VE88	Protein FAM114A2	Fam114a2	21.2974	21.9865	5	54.044	10.918	17	0.370306	1
Q8VED9	Galectin-related protein	Lgalsl	26.3861	24.3372	8	18.955	21.345	134	0.344611	1
Q8VEH3;F6QKK2	ADP-ribosylation factor-like protein	Arl8a	26.1451	23.6344	10	21.39	63.38	274	0.330031	1
Q8VEH5	EPM2A-interacting protein 1	Epm2aip1	24.6868	24.9207	14	70.095	147.72	98	0.587296	1
Q8VEK0;D3YVV1	Cell cycle control protein 50A	Tmem30a	23.9041	23.5348	6	41.06	20.306	31	0.501123	1
Q8VHL1	Histone-lysine N-methyltransferase	Setd7	23.6653	23.8887	8	40.506	28.913	40	0.520305	1
Q8VI75;Q5U4C5	Importin-4	Ipo4	22.6101	23.021	7	119.27	26.963	23	0.806084	1
Q8VIJ6;Q3TZL2	Splicing factor, proline- and glutamyl	Sfpq	27.349	27.345	24	75.441	241.1	233	0.993261	1
Q8VIM9	Immunity-related GTPase family Q	Irgq	23.0981	23.1768	8	59.323	39.598	29	0.812977	1
Q91V28;Q9DCD0;C6	6-phosphogluconate dehydrogenase	Pgd	24.6114	24.4705	17	53.261	106.67	140	0.774114	1

Q91V35;P18052	Receptor-type tyrosine-protein phr	Ptptra	24.4039	24.4653	15	89.841	48.857	64	0.842134	1
Q91V36;A0A0R4J0I	Nuclear receptor-binding protein 2	Nrbp2	21.5505	22.0215	6	57.348	6.4366	12	0.418899	1
Q91V55;D3YYM6;E	40S ribosomal protein S5;40S ribos	Rps5	26.0391	24.0351	14	22.876	56.435	212	0.388703	1
Q91V61;Q3U4F0	Sideroflexin-3	Sfxn3	28.5046	28.5903	17	35.406	323.31	706	0.797339	1
Q9D096;Q91V64	Isochorismatase domain-containing	Isoc1	21.0748	21.3082	4	19.318	9.0951	11	0.626587	1
Q91V76	Ester hydrolase C11orf54 homolog		22.0729	22.5903	6	34.995	9.4951	31	0.290551	1
Q91VA7	Isocitrate dehydrogenase [NAD] su	Idh3b	29.0248	29.0076	25	42.194	323.31	841	0.953489	1
Q91VB8;Q9CY10;Q	Hemoglobin subunit alpha	haemaglobin al	31.5115	29.5221	11	15.112	309.32	1135	0.479967	1
Q91VC3;A0A0N4SV	Eukaryotic initiation factor 4A-III;Ei	Eif4a3;Gm8994	23.5224	23.6191	17	46.839	48.636	64	0.929672	1
Q91VE0;Q9CV67	Long-chain fatty acid transport pro	Slc27a4	22.4071	23.3528	13	72.318	19.106	47	0.264973	1
Q91VH6;Q3TWT2	Protein MEMO1	Memo1	20.5509	20.8624	3	33.692	2.1455	11	0.717739	1
Q91VM5	RNA binding motif protein, X-linker	Rbmxl1	25.6199	25.532	16	42.161	122.77	125	0.764077	1
Q91VM9;D3Z636	Inorganic pyrophosphatase 2, mito	Ppa2	25.1932	24.9836	18	38.114	76.818	182	0.645649	1
Q91VR5;Q922B8;Q	ATP-dependent RNA helicase DDX1	Ddx1	26.1686	26.502	30	82.499	215.68	177	0.242826	1
Q91VR7	Microtubule-associated proteins 1/	Map1lc3a	27.0604	24.8051	5	14.272	22.036	125	0.387929	1
Q91VT4	Carbonyl reductase family member	Cbr4	21.6838	21.7879	5	25.414	12.613	22	0.906716	1
Q91VW3	SH3 domain-binding glutamic acid-	Sh3bgrl3	22.4729	21.5377	4	10.477	31.62	29	0.587359	1
Q91VZ6;D3YVX4	Stromal membrane-associated pro	Smap1	25.3795	25.3238	6	47.66	29.15	89	0.798365	1
Q91W61	F-box/LRR-repeat protein 15	Fbxl15	20.5603	19.8559	4	33.125	11.149	8	0.233566	1
Q9JKY7;Q91W87	Cytochrome P450 CYP2D22	Cyp2d22	21.2476	21.0256	2	56.467	3.1424	16	0.481385	1
Q91WC0	Histone-lysine N-methyltransferase	Setd3	22.0266	22.1406	5	67.175	15.384	8	0.832989	1
Q91WD5;D3YXT0	NADH dehydrogenase [ubiquinone	Ndufs2	27.7288	27.8735	23	52.625	323.31	734	0.680591	1
Q91WS0	CDGSH iron-sulfur domain-containi	Cisd1	27.6604	27.0303	9	12.097	251.54	340	0.519458	1
Q91X52;A2AC16	L-xylulose reductase	Dcxr	21.9324	22.8209	3	25.746	2.2332	11	0.726256	1
Q91X72	Hemopexin	Hpx	22.2905	22.7417	12	51.317	26.334	38	0.575089	1
Q91X97;D3YVA2;D	Neurocalcin-delta	Ncald	26.4092	24.0008	13	22.245	22.56	161	0.264835	1
Q91XF0	Pyridoxine-5-phosphate oxidase	Pnpo	21.9955	22.1479	5	30.114	8.9636	21	0.822151	1
Q91XH5;G3UXX3;Q	Sepiapterin reductase	Spr	23.9839	26.1153	16	27.928	99.28	268	0.395394	1
Q9Z2P7;Q91XH6;O	Vesicle transport through interacti	Vti1b	21.2822	22.6211	9	26.481	20.691	18	0.142677	1
Q91XM9;E9Q2L2;D	Disks large homolog 2	Dlg2	28.049	28.0751	43	94.879	323.31	648	0.908989	1
Q91XU3	Phosphatidylinositol 5-phosphate 4	Pip4k2c	24.1624	24.3505	13	47.335	76.616	121	0.837399	1
Q91XV3	Brain acid soluble protein 1	Basp1	29.4681	29.4062	20	22.086	323.31	754	0.907185	1
Q91XW9;Q8K4A2	MCG133388, isoform CRA_f	Pcdhgc5	21.6961	21.4748	5	101.89	4.3632	10	0.767397	1

Q91YP0	L-2-hydroxyglutarate dehydrogenase	L2hgdh	22.6676	22.2432	10	50.898	26.885	55	0.561885	1
Q91YP2;Q3TB65;Q	Neurolysin, mitochondrial	Nln	23.981	24.0165	15	80.428	38.169	62	0.94106	1
Q91YR1	Twinfilin-1	Twf1	24.009	23.4963	13	40.079	127.81	63	0.004049	1
Q91Z31;A0A0G2JG	Polypyrimidine tract-binding protein	Ptbp2	25.0892	25.1641	16	57.488	178.72	136	0.913919	1
Q91Z61	GTP-binding protein	Diras1	22.8193	22.1098	6	22.264	11.575	37	0.103622	1
Q91ZJ5;Q8R0M2;Q	UTP--glucose-1-phosphate uridylyltransferase	Ugp2	25.6626	25.5817	20	56.979	208.23	198	0.812226	1
Q91ZP9;Q3B7X9;Q	N-terminal EF-hand calcium-binding domain	Necab2	22.1139	21.972	6	43.44	32.986	19	0.721335	1
Q91ZZ3	Beta-synuclein	Sncb	27.7927	25.2852	8	14.051	151.66	210	0.383799	1
Q920I9	WD repeat-containing protein 7	Wdr7	28.8024	28.7444	60	163.45	323.31	728	0.70416	1
Q920P5	Adenylate kinase isoenzyme 5	Ak5	24.6533	24.6183	15	63.322	91.704	85	0.906951	1
Q9CSH0;Q921F4	Heterogeneous nuclear ribonucleoprotein	Hnrnp1l	24.32	23.8955	15	63.39	58.048	54	0.460806	1
Q921G7;Q6PF96	Electron transfer flavoprotein-ubiquinol oxidoreductase	Etfdh	24.5796	24.8297	23	68.09	51.801	68	0.637688	1
Q921H8;H3BJZ9;H3	3-ketoacyl-CoA thiolase A, peroxisomal	Acaa1a;Acaa1b	23.587	23.7309	10	43.953	30.655	47	0.710483	1
Q921I1	Serotransferrin	Tf	27.1334	27.2397	38	76.723	277.06	330	0.858037	1
Q921M7	Protein FAM49B	Fam49b	26.1895	26.4326	17	36.776	231.06	453	0.460416	1
Q921Q7	Ras and Rab interactor 1	Rin1	22.4471	22.2595	7	83.013	23.205	22	0.443187	1
Q921V3;Q9Z1J3	Cysteine desulfurase, mitochondrial	Nfs1	23.6986	23.9658	14	50.584	43.906	67	0.483187	1
Q922B1	O-acetyl-ADP-ribose deacetylase	MacroD1	21.537	22.9397	4	35.294	16.696	36	0.360975	1
Q922Q1	Mitochondrial amidoxime reductase	Mar-02	23.9921	23.9674	19	38.194	66.795	128	0.987668	1
Q922R1;Q3TKL5	UPF0183 protein C16orf70 homolog	D230025D16Rik	22.2013	22.1451	6	47.416	37.198	35	0.920646	1
Q923G3;A2AMW0;F	actin-capping protein subunit beta	Capzb	24.4623	27.5281	22	30.628	293.95	516	0.31474	1
Q923L3	CUB and sushi domain-containing protein	Csmd1	22.7571	22.0463	3	387.86	3.4029	5	0.229957	1
Q923T9;Q6ZWS7	Calcium/calmodulin-dependent protein kinase	Camk2g	25.7493	25.8056	23	59.606	52.936	197	0.836713	1
Q9JMF0;Q923Z0;D	G-protein coupled receptor family 5	Gprc5b	23.9104	24.0175	4	29.305	8.9143	12	0.879588	1
Q924L1	LETM1 domain-containing protein	Letmd1	20.2272	21.5235	4	41.7	5.9597	6	0.346543	1
Q925E7;F6RV17	Serine/threonine-protein phosphatase	Ppp2r2d	21.859	20.6436	11	51.957	18.838	11	0.156616	1
Q925I1	ATPase family AAA domain-containing protein	Atad3	24.5262	24.8164	19	66.741	71.773	73	0.076804	1
Q99J08	SEC14-like protein 2	Sec14l2	23.2395	23.2548	13	46.3	26.164	66	0.965263	1
Q99J09;F7D5L2	Methylosome protein 50	Wdr77	21.6746	22.093	5	36.942	31.164	20	0.556462	1
Q99J36	THUMP domain-containing protein	Thumpd1	21.9422	22.5697	8	38.884	23.538	28	0.663958	1
Q99J77;Q9JJH0;Q3	Sialic acid synthase	Nans	22.5673	22.0499	9	40.024	40.68	30	0.53564	1
Q99J83	Autophagy protein 5	Atg5	21.4152	21.3808	4	32.402	11.499	10	0.973147	1
Q99JB2;A2AG39;F6	Stomatin-like protein 2, mitochondrial	Stoml2	23.0958	23.1294	9	38.384	60.74	78	0.943319	1

Q99JI4;Q8C1T2	26S proteasome non-ATPase regul: Psm	24.7236	24.6025	24	45.536	64.826	142	0.78875	1
Q99JP7	Gamma-glutamyltransferase 7;Gan Ggt7	25.6972	25.6403	14	70.251	301.51	143	0.891273	1
Q99JR1	Sideroflexin-1 Sfxn1	26.5346	26.5535	12	35.649	216.92	192	0.911536	1
Q99JX4;A2A702	Eukaryotic translation initiation fac Eif3m	22.9117	22.8681	7	42.516	20.319	57	0.891316	1
Q99JY0	Trifunctional enzyme subunit beta, Hadhb	26.2627	26.1826	22	51.386	169.48	304	0.835296	1
Q99JY8	Lipid phosphate phosphohydrolase Ppap2b	24.7862	25.0146	4	35.216	20.765	83	0.388056	1
Q99K10;Q4KMN5;F	Neurologin-1 Nlgn1	22.1385	20.8827	9	94.148	6.2557	9	0.214641	1
Q99K70;B1AWT2;B	Ras-related GTP-binding protein C; Rragc;Rragd	23.4143	22.8971	13	44.12	36.331	71	0.33229	1
Q99K86;Q9R069;Q	Basal cell adhesion molecule Bcam	22.7754	22.7979	11	70.857	29.988	29	0.956313	1
Q99KC8	von Willebrand factor A domain-co Vwa5a	21.8883	22.0345	7	87.142	6.8049	12	0.882298	1
Q99KE1;Q3TSD4	NAD-dependent malic enzyme, mit Me2	22.5446	22.3895	10	65.798	30.862	22	0.896561	1
Q99KI0	Aconitate hydratase, mitochondria Aco2	31.2193	31.295	48	85.462	323.31	2485	0.750454	1
Q99KP6	Pre-mRNA-processing factor 19 Prpf19	23.9691	24.0294	14	55.238	55.972	74	0.879886	1
Q99KQ4;Q3TLX1	Nicotinamide phosphoribosyltransl Nampt	22.4558	22.0378	13	55.446	31.512	34	0.687267	1
Q99KR7	Peptidyl-prolyl cis-trans isomerase Ppif	24.5507	23.3255	3	21.737	7.0269	50	0.229319	1
Q99KV1	DnaJ homolog subfamily B membe Dnajb11	22.2765	22.2209	4	40.555	17.944	21	0.949972	1
Q99KW9	T-cell immunomodulatory protein Itfg1	22.0253	22.2217	7	67.464	7.6655	18	0.660548	1
Q99L04;Q3TVU9	Dehydrogenase/reductase SDR fan Dhrr1	22.3021	23.037	11	34.005	33.444	33	0.333802	1
Q99L13;A0ZNI2	3-hydroxyisobutyrate dehydrogenase Hibadh	23.5556	25.4572	13	35.44	69.581	188	0.330514	1
Q99L43;A2AMQ5;C	Phosphatidate cytidylyltransferase Cds2	26.2558	26.7315	7	51.313	114.1	166	0.173588	1
Q99LB6	Methionine adenosyltransferase 2 Mat2b	24.4168	24.5419	12	37.392	87.178	90	0.649452	1
Q99LC3	NADH dehydrogenase [ubiquinone Ndufa10	27.4326	27.6142	24	40.603	323.31	710	0.215054	1
Q99LC5	Electron transfer flavoprotein subu Etfb	25.1851	27.8354	18	35.009	221.81	324	0.310056	1
Q99LD8;O08972	N(G),N(G)-dimethylarginine dimethyl Ddah2	21.6637	22.7154	7	29.645	8.9347	27	0.248572	1
Q99LP6;Q3UTB8	GrpE protein homolog 1, mitochondon Grpel1	22.4752	23.1015	5	24.307	7.6991	41	0.652151	1
Q99LR1;D6RFU2	Monoacylglycerol lipase ABHD12 Abhd12	25.3286	25.327	16	45.269	68.199	208	0.993405	1
Q99LS3;A0A0J9YV;F	Phosphoserine phosphatase Psph	22.555	23.4407	6	25.096	13.128	45	0.550276	1
Q99LX0;A2A813;A2	Protein deglycase DJ-1 Park7	27.8305	25.2033	15	20.021	185.99	314	0.35892	1
Q99LY9;B1ARW4	NADH dehydrogenase [ubiquinone Ndufs5	26.5437	24.7023	10	12.648	28.008	157	0.41168	1
Q99M71	Mammalian ependymin-related pr Epdr1	24.0772	25.4576	7	25.485	36.199	186	0.36943	1
Q99MN9;A0PJE6;Q	Propionyl-CoA carboxylase beta ch Pccb	25.3561	25.2852	25	58.408	149.4	251	0.755903	1
Q99MR0;F8WI57	Actin-like protein 6B Actl6b	22.4578	22.1513	5	46.891	12.138	32	0.596384	1
Q99MR8;Q3TVD9	Methylcrotonoyl-CoA carboxylase : Mccc1	24.7972	25.1623	21	79.343	52.956	49	0.299961	1

Q99N15;Q9CYT3;A 3-hydroxyacyl-CoA dehydrogenase Hsd17b10	23.4202	26.5097	14	27.273	130.37	264	0.300981	1
Q99N96 39S ribosomal protein L1, mitochond Mrpl1	20.1239	20.8557	5	37.596	12.221	10	0.004164	1
Q99NE5;F6TZK4;F6 Regulating synaptic membrane exc Rims1	24.3858	24.5935	19	163.16	36.179	53	0.52618	1
Q99P31;A0A0U1RF Hsp70-binding protein 1 Hspbp1	21.1222	21.5543	6	39.166	9.769	24	0.536959	1
Q99P72 Reticulon-4 Rtn4	29.1312	28.9849	43	126.61	323.31	719	0.57389	1
Q99PH4;Q8C5J1;Q Aldehyde dehydrogenase;Fatty ald Aldh3a2	21.6184	21.714	7	56.624	16.164	38	0.912978	1
Q99PL6;Q6KAM0 UBX domain-containing protein 6 Ubxn6	24.338	24.4517	16	49.795	128.3	151	0.868449	1
Q99PT1 Rho GDP-dissociation inhibitor 1 Arhgdia	25.0422	28.3489	14	23.407	323.31	454	0.356581	1
Q99PU5 Long-chain-fatty-acid--CoA ligase A Acsbg1	25.5163	25.452	23	80.425	102.93	174	0.907272	1
Q99PV0;Q3UNG1;E Pre-mRNA-processing-splicing factor Prpf8	25.4235	25.4196	30	273.61	62.225	107	0.98106	1
Q9CPP6;Q9CX78 NADH dehydrogenase [ubiquinone Ndufa5	26.5421	24.7155	9	13.36	162.72	149	0.475352	1
Q9CPQ1 Cytochrome c oxidase subunit 6C Cox6c	28.1494	27.8055	9	8.4689	44.715	275	0.60244	1
Q9CPQ3;Q3UBW3 Mitochondrial import receptor sub Tomm22	24.795	22.814	5	15.537	47.974	83	0.225444	1
Q9D037;Q9CQY3;C ATP synthase subunit g, mitochond Atp5l	27.5798	26.7039	5	11.364	80.706	297	0.472874	1
Q9CPS6;F8WH96 Histidine triad nucleotide-binding p Hint3	23.3331	22.3029	3	18.787	5.263	39	0.419296	1
Q9CPT3 N-acylneuraminate-9-phosphatase Nanp	21.8468	21.6811	5	27.808	12.29	11	0.490446	1
Q9CPT4 Myeloid-derived growth factor Mydgf	23.1416	22.5649	4	17.982	10.261	23	0.578227	1
Q9CPU4 Microsomal glutathione S-transferase Mgst3	26.0155	26.3443	6	16.958	98.39	186	0.259137	1
Q9CPV4;E9Q197;F Glyoxalase domain-containing protein Glod4	24.9007	27.0378	19	33.316	260.7	405	0.36094	1
Q9CPX4;A0A1B0GF Ferritin;Ferritin light chain 1;Ferritin Ftl1;Ftl2	25.1133	24.1027	8	20.772	30.435	99	0.183731	1
Q9CPX6 Ubiquitin-like-conjugating enzyme Atg3	21.3665	20.9777	5	35.796	10.897	15	0.628007	1
Q9CPY7 Cytosol aminopeptidase Lap3	25.4121	25.3211	26	56.141	106.57	261	0.609808	1
Q9CQ10 Charged multivesicular body protein Chmp3	21.8811	22.4025	6	25.219	9.4866	23	0.46948	1
Q9CQ19 Myosin regulatory light polypeptide Myl9	24.1892	22.1813	8	19.854	18.534	58	0.189859	1
Q9CQ22;A0A0A6Y Ragulator complex protein LAMTOR Lamtor1	24.1111	23.0857	6	17.749	14.79	63	0.444328	1
Q9CQ54;Q9D846;A NADH dehydrogenase [ubiquinone Ndufc2	26.3659	26.6545	9	14.164	97.996	251	0.386167	1
Q9CQ60;Q8CBG6;E 6-phosphogluconolactonase Pgl3	25.0004	26.2328	14	27.254	179.25	184	0.461821	1
Q9CQ65 S-methyl-5-thioadenosine phosphoryltransferase Mtap	21.1886	22.6114	7	31.062	6.4845	18	0.195647	1
Q9CQ69 Cytochrome b-c1 complex subunit Uqcrcq	27.1852	26.6758	11	9.7681	88.16	224	0.620117	1
Q9CQ75 NADH dehydrogenase [ubiquinone Ndufa2	25.3975	23.7662	5	10.916	38.945	108	0.421013	1
Q9CQ85;E9PXB9;Z Mitochondrial import inner membrane Timm22	21.6026	21.6506	2	20.114	3.6691	21	0.976643	1
Q9CQ91 NADH dehydrogenase [ubiquinone Ndufa3	23.9381	23.9926	3	9.3308	7.0778	37	0.946011	1
Q9CQ92;G3X9U9 Mitochondrial fission 1 protein Fis1	24.8674	23.5419	6	17.008	54.545	73	0.540299	1

Q9CQA1	Trafficking protein particle complex	Trappc5	22.8705	22.4999	7	20.795	15.254	23	0.695204	1
Q9CQB4;Q9D855	Cytochrome b-c1 complex subunit	Uqcrb	25.1827	24.3371	12	13.561	98.86	165	0.701773	1
Q9CQB5;D3Z3X4	CDGSH iron-sulfur domain-containing	Cisd2	21.216	21.4218	5	15.242	10.179	17	0.892852	1
Q9CQD1	Ras-related protein Rab-5A	Rab5a	24.8481	26.7505	10	23.598	102.93	272	0.373353	1
Q9CQD4;Q3TJ28;Q	Charged multivesicular body protein	Chmp1b2;Chmp1	20.9109	21.7669	2	22.161	2.8907	14	0.354631	1
Q9CQE1;B1AWZ5	Protein NipSnap homolog 3B	Nipsnap3b	22.3374	22.8557	6	28.308	27.805	39	0.649213	1
Q9CQE3;D3Z198;D	28S ribosomal protein S17, mitochondrial	Mrps17	21.0382	20.8451	4	13.382	2.9623	11	0.845414	1
Q9CQF3;A0A1D5R1	Cleavage and polyadenylation specificity factor	Nudt21	23.3799	25.0652	9	26.24	29.761	65	0.377709	1
Q9CQJ6;E9Q0G1	Density-regulated protein	Denr	21.7959	21.4525	3	22.166	5.8699	30	0.660299	1
Q9CQJ8	NADH dehydrogenase [ubiquinone]	Ndufb9	26.4395	24.535	10	21.984	97.672	270	0.430517	1
Q9CQM5	Thioredoxin domain-containing protein	Txndc17	22.4873	23.4978	4	14.015	22.717	35	0.379789	1
Q9CQM9;A0A1B0G	Glutaredoxin-3	Glrx3	24.2143	24.0459	14	37.778	125.47	82	0.679937	1
Q9CQR6;A0A0N4S\	Serine/threonine-protein phosphatase	Ppp6c	23.18	23.9446	11	35.159	37.58	76	0.227152	1
Q9CQS4;Q3TTH1	Solute carrier family 25 member 4	Slc25a46	23.4732	24.1818	10	46.224	181.92	41	0.410049	1
Q9CQS8;E9PW43	Protein transport protein Sec61 subunit	Sec61b;Gm103	20.6532	21.7474	3	9.9583	4.5879	8	0.484459	1
Q9CQV1	Mitochondrial import inner membrane	Pam16	21.6244	20.6756	3	13.784	15.96	13	0.337239	1
Q9CQW1	Synaptobrevin homolog YKT6	Ykt6	25.3679	23.5903	13	22.314	81.815	152	0.369116	1
Q9DAB3;Q9CQW2;	ADP-ribosylation factor-like protein	Arl8b	24.4923	22.8431	8	19.003	24.863	105	0.302539	1
Q9CQX2;Q3TN44;C	Cytochrome b5 type B	Cyb5b	26.9429	24.4724	7	16.318	156.74	228	0.378615	1
Q9CQX8	28S ribosomal protein S36, mitochondrial	Mrps36	25.0177	23.6587	4	11.101	37.682	46	0.53013	1
Q9CQZ5	NADH dehydrogenase [ubiquinone]	Ndufa6	27.0925	25.2943	7	15.283	42.376	153	0.39477	1
Q9D6H6;Q9CQZ6	NADH dehydrogenase [ubiquinone]	Ndufb3	24.959	25.209	5	11.691	23.101	62	0.007577	1
Q9CR09;M0QWS4	Ubiquitin-fold modifier-conjugating enzyme	Ufc1	24.556	22.8084	7	19.481	8.1987	60	0.368984	1
Q9CR16;Q3UB60	Peptidyl-prolyl cis-trans isomerase	Ppid	26.2796	26.0565	17	40.742	54.516	208	0.15029	1
Q9CR26;Q3V4B3;F	Vacuolar protein sorting-associated protein	Vta1	23.7003	22.8273	8	33.913	20.662	44	0.430233	1
Q9CWK0;Q9CR57;C	60S ribosomal protein L14	Rpl14;Rpl14-ps	23.8773	25.031	4	26.316	15.242	100	0.241933	1
Q9CR60	Vesicle transport protein GOT1B	Golt1b	21.2316	21.439	2	15.421	9.1108	15	0.438217	1
Q9CR61	NADH dehydrogenase [ubiquinone]	Ndufb7	26.8773	24.6066	14	16.331	101.43	300	0.389177	1
Q9CR68	Cytochrome b-c1 complex subunit	Uqcrrf51	27.008	28.1817	17	29.367	172.11	411	0.373698	1
Q9CRA5;Q3UWP6	Golgi phosphoprotein 3	Golph3	20.7724	21.3847	3	33.752	6.8938	14	0.565089	1
Q9CRB6;Q1JPR8	Tubulin polymerization-promoting factor	Tppp3	25.3735	23.6169	8	18.965	35.456	83	0.25133	1
Q9CRB9;Q91VG6	MICOS complex subunit	Mic19	23.5673	25.3147	13	26.334	42.59	100	0.402814	1
Q9CRD0;A0A0J9YU	OCIA domain-containing protein 1	Ociad1	21.0743	23.1463	9	27.61	13.636	31	0.06275	1

Q9CRY7	Glycerophosphodiester phosphodi	Gdpd1	21.4515	21.7312	7	35.866	13.533	21	0.706134	1
Q9CS84;E0CY11	Neurexin-1	Nrxn1	26.9839	27.1997	41	166.17	170.95	210	0.457291	1
Q9CTY5;B7ZND1;A	Calcium uptake protein 3, mitocho	Micu3	22.5756	22.4527	7	59.809	10.945	27	0.90303	1
Q9CU62;A0JLM6	Structural maintenance of chromo	Smc1a	21.9193	22.3911	4	143.23	3.7163	7	0.527096	1
Q9CVB6;Q3UA52;C	Actin-related protein 2/3 complex	Arpc2	25.8101	28.5872	24	34.357	323.31	539	0.300948	1
Q9CW07	Protein phosphatase 1 regulatory s	Ppp1r3g	20.5284	20.7887	2	37.823	4.7779	12	0.793949	1
Q9CWE0;D6RCX5;E	Mitochondrial fission regulator 1-li	Mtfr1l	22.7656	22.6689	7	31.726	23.135	37	0.814745	1
Q9CWJ9	Bifunctional purine biosynthesis pr	Atic	26.0627	26.3735	28	64.217	192.35	253	0.193899	1
Q9CWS0;D3YU15;C	N(G),N(G)-dimethylarginine dimetr	Ddah1	27.6133	27.5742	24	31.381	323.31	540	0.822325	1
Q9CWZ7;Q8C1T5;E	Gamma-soluble NSF attachment pr	Napg	27.3008	27.2625	20	34.732	251.14	312	0.857943	1
Q9CX34	Suppressor of G2 allele of SKP1 hor	Sugt1	25.2388	25.1172	19	38.158	175.99	139	0.756243	1
Q9CX86	Heterogeneous nuclear ribonucleo	Hnrnpa0	24.4881	25.6131	11	30.53	48.237	144	0.195953	1
Q9CXI0	2-methoxy-6-polyprenyl-1,4-benzo	Coq5	21.4423	21.5708	5	37.335	8.4124	11	0.871968	1
Q9CXJ4	ATP-binding cassette sub-family B	Abcb8	22.5389	22.5148	6	77.999	12.662	10	0.967938	1
Q9CXS4	Centromere protein V	Cenpv	22.3644	23.7824	7	27.541	36.545	55	0.235152	1
Q9CXT8;Q3TET5	Mitochondrial-processing peptidas	Pmpcb	22.1233	21.7786	9	54.614	43.694	23	0.774613	1
Q9CXU4;Q9WTQ8;I	Mitochondrial import inner memb	Timm23	21.9547	20.9037	3	21.909	3.1474	7	0.14876	1
Q9D6J9;Q9CXV1	Succinate dehydrogenase [ubiquin	Sdhb	22.4735	21.4797	2	17.009	2.9712	14	0.406883	1
Q9CXW3;A0A0A6V	Calcyclin-binding protein	Cacybp	24.4948	26.5805	14	26.51	212.46	156	0.35483	1
Q9CY27;G3UWE1;C	Very-long-chain enoyl-CoA reducta	Tecr	25.6949	25.9623	10	36.09	30.188	82	0.599028	1
Q9CY58;Q3UJK2;Q	Plasminogen activator inhibitor 1	RSerbp1	24.2547	24.3377	16	44.714	104.83	89	0.883433	1
Q9CY64	Biliverdin reductase A	Blvra	23.7822	24.031	15	33.524	103.7	89	0.579382	1
Q9CYG7	Mitochondrial import receptor sub	Tomm34	21.3385	21.8718	13	34.278	26.625	49	0.618241	1
Q9CYI4;Q3TV90;A0	Putative RNA-binding protein Luc7	Luc7l	20.9935	21.2978	6	43.934	3.3883	10	0.493082	1
Q9CYT6;Q8BKZ3;D	Adenylyl cyclase-associated protei	Cap2	27.7923	27.8179	28	52.861	323.31	541	0.876259	1
Q9CYW4	Haloacid dehalogenase-like hydro	Hdhd3	22.7498	24.3689	11	28.027	43.309	60	0.318548	1
Q9CZ04;D3Z440;D	COP9 signalosome complex subuni	Cops7a	24.0395	25.3244	11	30.224	79.973	105	0.333329	1
Q9CZ30;Q3TJF2;Q3	Obg-like ATPase 1	Ola1	26.0194	26.3269	24	44.729	186.68	302	0.355775	1
Q9CZC8	Secernin-1	Scrn1	26.9674	26.9304	23	46.325	312.19	396	0.861654	1
Q9CZD3	Glycine--tRNA ligase	Gars	25.4807	25.4577	19	81.877	111.12	115	0.915975	1
Q9CZJ2	Heat shock 70 kDa protein 12B	Hspa12b	22.5237	23.8416	8	76.118	9.1497	72	0.283483	1
Q9CZP5	Mitochondrial chaperone BCS1	Bcs1l	22.43	22.9105	16	47.406	45.363	50	0.463854	1
Q9CZR3;D3YXS8;Q	Mitochondrial import receptor sub	Tomm40l	22.2237	22.3476	8	34.004	19.64	36	0.808837	1

Q9CZS1	Aldehyde dehydrogenase X, mitochondrial	Aldh1b1	22.9271	22.5953	12	57.552	22.928	36	0.172145	1
Q9CZU6;Q0QEL9	Citrate synthase, mitochondrial	Cit Cs	30.2231	30.3884	25	51.736	323.31	1470	0.406506	1
Q9CZW4;E9PUC2	Long-chain-fatty-acid--CoA ligase 3	Acsl3	21.9	21.9388	5	80.491	25.807	17	0.9187	1
Q9CZX0	Elongator complex protein 3	Elp3	21.7544	21.0936	5	62.384	9.5723	12	0.284603	1
Q9D020	Cytosolic 5-nucleotidase 3A	Nt5c3a	22.7367	23.3359	11	37.252	24.25	40	0.419735	1
Q9D023	Mitochondrial pyruvate carrier 2	Mpc2	26.2976	26.7086	5	14.286	22.09	118	0.469053	1
Q9D051	Pyruvate dehydrogenase E1 component	Pdheb	28.7861	28.8195	18	38.937	323.31	1185	0.70362	1
Q9D0A3	Arpin	Arpin	21.049	21.0741	3	25.193	4.4906	9	0.965225	1
Q9D0E1;Q3THB3;Q	Heterogeneous nuclear ribonucleoprotein	Hnrnp	25.3692	25.763	30	77.648	138.34	166	0.432276	1
Q9D0I9;Q3TVC5;Q	Arginine--tRNA ligase, cytoplasmic	Rars	24.571	24.6116	22	75.673	62.552	124	0.729747	1
Q9D0J4	ADP-ribosylation factor-like protein	Arl2	24.7267	23.6639	3	20.864	5.9254	24	0.645073	1
Q9D0K2;Q3UK61;C	Succinyl-CoA:3-ketoacid coenzyme	Oxct1	28.2765	28.3216	23	55.988	323.31	826	0.667576	1
Q9D0L7;D3Z5T2	Armadillo repeat-containing protein	Armcl0	22.4358	23.6371	6	33.31	34.703	29	0.242799	1
Q9D0L8	mRNA cap guanine-N7 methyltransferase	Rnmt	21.3564	21.6652	7	53.291	16.764	19	0.764457	1
Q9D0M3	Cytochrome c1, heme protein, mitochondrial	Cyc1	26.9919	28.7215	15	35.327	323.31	643	0.301229	1
Q9D0M5;D6RIN4	Dynein light chain 2, cytoplasmic	Dynll2	27.3568	27.1705	8	10.35	64.823	272	0.466522	1
Q9D0R2;Q3U630;C	Threonine--tRNA ligase, cytoplasmic	Tars	22.5351	22.511	13	83.355	17.834	27	0.982397	1
Q9D0T1	NHP2-like protein 1;NHP2-like protein	Nhp2l1	21.7277	21.8174	5	14.173	6.6022	18	0.930074	1
Q9D164	FXD domain-containing ion transporter	Fxyd6	26.4369	24.5819	6	10.374	150.88	188	0.403241	1
Q9D172	ES1 protein homolog, mitochondrial	D10Jhu81e	25.1602	28.151	14	28.09	198.52	353	0.347597	1
Q9D1A2;Q6KAT3;Q	Cytosolic non-specific dipeptidase	Cndp2	26.0792	26.1959	30	52.767	163.71	267	0.688062	1
Q9D1D4	Transmembrane emp24 domain-containing	Tmed10	24.4602	24.2857	6	24.911	20.98	72	0.678718	1
Q9D1E6	Tubulin-folding cofactor B	Tbcb	21.8174	24.1229	8	27.385	21.564	45	0.209351	1
Q9D1K2;A0A0N4SV	V-type proton ATPase subunit F	Atp6v1f	23.8301	23.5299	8	13.37	60.638	57	0.8373	1
Q9D1M0	Protein SEC13 homolog	Sec13	22.3219	22.2813	7	35.565	30.914	35	0.976969	1
Q9D1M4	Eukaryotic translation elongation factor	Eef1e1	23.8221	22.2357	4	19.859	7.2662	20	0.284713	1
Q9D1N9	39S ribosomal protein L21, mitochondrial	Mrpl21	20.6961	20.7506	3	23.366	4.2424	8	0.841582	1
Q9D1P4	Cysteine and histidine-rich domain	Chordc1	23.6447	23.5592	11	37.35	31.211	47	0.573084	1
Q9D1R9;A0A0G2JE	60S ribosomal protein L34	Rpl34	24.6654	23.8875	6	13.293	8.9677	36	0.559616	1
Q9D289	Trafficking protein particle complex	Trappc6b	21.5261	21.0155	4	17.936	8.2255	13	0.663164	1
Q9D2G2	Dihydrolipoyllysine-residue succinyltransferase	Dlst	27.1581	27.2972	12	48.994	190.55	453	0.383111	1
Q9D2N9;Q80XK7	Vacuolar protein sorting-associated	Vps33a	22.4285	22.6475	11	67.554	20.708	43	0.365593	1
Q9D2P8	Myelin-associated oligodendrocyte	Mobp	24.9681	24.778	5	19.197	17.32	64	0.86193	1

Q9D2V7	Coronin-7	Coro7	24.1099	23.7082	12	100.81	33.674	31	0.300654	1
Q9D328	Transmembrane protein 35	Tmem35	21.6967	21.2226	2	18.505	3.6647	10	0.393251	1
Q9D379;E9PWK1;C	Epoxide hydrolase 1	Ephx1	22.3206	22.3447	12	52.576	20.007	34	0.980066	1
Q9D394;A0A0G2JF	Protein RUFY3	Rufy3	25.9378	25.8824	23	53.006	286.41	193	0.73632	1
Q9D3A9;A0A0U1RF	Protein tweety homolog 1	Ttyh1	26.3373	26.4874	7	49.032	93.545	246	0.462314	1
Q9D3D0;A2A5I7	Alpha-tocopherol transfer protein-	Ttpal	21.9304	21.8326	10	38.835	14.813	17	0.890202	1
Q9D415;D3Z508;D	Disks large-associated protein 1	Dlgap1	23.0994	23.6645	13	110.37	26.711	47	0.657403	1
Q9D486;B2RY70	C-Maf-inducing protein	Cmip	21.512	21.1099	5	86.258	8.5979	13	0.604383	1
Q9D4C9	Clavesin-1	Clvs1	22.1064	22.0165	8	40.613	17.932	40	0.788856	1
Q9D4H1;Q8K2J3	Exocyst complex component 2	Exoc2	22.4352	22.5368	10	103.96	16.133	23	0.918057	1
Q9D517;Q3TXT9	1-acyl-sn-glycerol-3-phosphate acy	Agpat3	23.0964	23.0703	9	43.295	12.787	33	0.985073	1
Q9D5T0;Q9D9C1	ATPase family AAA domain-contair	Atad1	21.8922	22.4205	7	40.744	36.115	23	0.778689	1
Q9D6D0;Q9CX10	Solute carrier family 25, member 2	Slc25a27	22.04	21.9991	10	35.797	47.098	29	0.976946	1
Q9D6E4	Tetratricopeptide repeat protein 9I	Ttc9b	20.9267	21.059	4	25.909	10.066	7	0.75705	1
Q9D6F9	Tubulin beta-4A chain	Tubb4a	29.336	29.4539	35	49.585	323.31	1076	0.640826	1
Q9D6J5;Q3V406;F	NADH dehydrogenase [ubiquinone	Ndufb8	26.5846	25.8405	7	21.876	41.734	178	0.443846	1
Q9D6J6;M0QWP9	NADH dehydrogenase [ubiquinone	Ndufv2	24.0031	25.3721	8	27.285	145.11	268	0.570023	1
Q9D6K5;Q6Y642;Q	Synaptojanin-2-binding protein	Synj2bp;Gm204	22.3243	22.5133	6	15.815	9.9499	17	0.815769	1
Q9D6M3;E9PY45;E	Mitochondrial glutamate carrier 1	Slc25a22	27.5091	28.2583	15	34.67	323.31	464	0.205741	1
Q9D6R2	Isocitrate dehydrogenase [NAD] su	Idh3a	29.6579	29.7344	20	39.638	323.31	1016	0.65713	1
Q9D6U8	Protein FAM162A	Fam162a	25.2437	23.5543	8	17.725	24.098	63	0.490169	1
Q9D7A8	Armadillo repeat-containing protei	Armc1	23.9132	23.8289	9	31.246	115.52	65	0.804991	1
Q9D7I5	Phospholysine phosphohistidine in	Lhpp	22.5946	23.3608	5	29.144	26.07	30	0.604201	1
Q9D7N9	Adipocyte plasma membrane-asso	Apmap	22.7809	23.7213	12	46.434	63.15	41	0.398213	1
Q9D828;Q9Z1A1;Q	Trk-fused	Tfg	24.4015	24.0896	11	42.186	62.057	57	0.583482	1
Q9D832	DnaJ homolog subfamily B membe	Dnajb4	21.7006	21.7023	7	37.781	13.612	20	0.998874	1
Q9D880	Mitochondrial import inner membe	Timm50	23.357	23.6072	7	39.776	39.603	59	0.462789	1
Q9D898	Actin-related protein 2/3 complex	Arpc5l	27.2787	24.6107	7	16.98	85.098	224	0.351779	1
Q9D8B3	Charged multivesicular body protei	Chmp4b	20.1994	21.5826	6	24.936	9.9862	8	0.06987	1
Q9D8S9	BolA-like protein 1	Bola1	21.7629	21.0065	2	14.379	3.9659	7	0.358468	1
Q9D8W5;B1AT36;C	26S proteasome non-ATPase regul	Psmc12	25.0569	24.8293	21	52.895	89.384	156	0.717315	1
Q9D8W7;A0A0J9YL	OCIA domain-containing protein 2	Ociad2	25.285	23.7053	10	16.925	20.49	88	0.321154	1
Q9D8Y1	Transmembrane protein 126A	Tmem126a	21.798	20.9563	3	21.539	3.4927	8	0.378937	1

Q9D967	Magnesium-dependent phosphatase Mdp1	23.7907	22.313	5	18.582	9.243	46	0.408436	1
Q9D9V3	Ethylmalonyl-CoA decarboxylase Echdc1	20.7599	22.2553	9	35.467	9.9721	11	0.153666	1
Q9DAK9	14 kDa phosphohistidine phosphatase Phpt1	24.3226	22.6593	6	13.996	21.153	44	0.276726	1
Q9DAR7;Q3TBW9	m7GpppX diphosphatase Dcps	23.4505	23.3221	12	38.988	44.902	84	0.58202	1
Q9DAW9;A0A0G2J	Calponin-3 Cnn3	21.5744	21.6299	8	36.428	16.651	25	0.934492	1
Q9DB05;Q9CXX1	Alpha-soluble NSF attachment protein Napa	23.9466	26.4962	25	33.189	189.78	365	0.231827	1
Q9DB20;Q3THG0;C	ATP synthase subunit O, mitochondrial Atp5o	29.5139	27.4518	15	23.363	266.52	699	0.318934	1
Q9DB27	Malignant T-cell-amplified sequence Mcts1	24.2262	22.0875	8	20.555	16.395	49	0.248002	1
Q9DB29	Isoamyl acetate-hydrolyzing esterase Iah1	20.8622	20.7541	4	27.974	4.6674	5	0.529531	1
Q9DB32;D3YUS7;D	Hydroxyacylglutathione hydrolase Haghl	21.8211	20.7707	4	31.49	10.32	13	0.211996	1
Q9DB34;A0A1B0G1	Charged multivesicular body protein Chmp2a	20.729	21.9909	3	25.134	3.7273	11	0.054827	1
Q9DB41	Mitochondrial glutamate carrier 2 Slc25a18	24.1432	23.5109	15	34.166	27.217	43	0.299861	1
Q9DB60	Prostamide/prostaglandin F synthase Fam213b	25.5826	23.4948	8	21.67	16.116	82	0.321078	1
Q9DB72	BTB/POZ domain-containing protein Btbd17	20.8974	21.4122	4	52.602	3.701	21	0.377082	1
Q9DB73;G3UZG6	NADH-cytochrome b5 reductase 1 Cyb5r1	22.3199	23.9557	11	34.134	36.888	68	0.198988	1
Q9DB77	Cytochrome b-c1 complex subunit Uqcrc2	29.6365	29.5405	24	48.234	323.31	1065	0.73706	1
Q9DBC7;Q3TYK4;Q	cAMP-dependent protein kinase tyrosine Prkar1a	25.6611	25.8596	18	43.185	211.24	213	0.368858	1
Q9DBE0	Cysteine sulfinic acid decarboxylase Csad	19.9759	20.0867	3	55.144	5.2752	6	0.86717	1
Q9DBE8	Alpha-1,3/1,6-mannosyltransferase Alg2	24.3217	24.324	13	47.404	38.066	66	0.994486	1
Q9DBF1;G3UYR8	Alpha-amino adipic semialdehyde dehydrogenase Aldh7a1	26.9396	26.8847	22	58.861	323.31	342	0.81529	1
Q9DBH5	Vesicular integral-membrane protein Lman2	21.7006	21.0925	7	40.429	13.223	22	0.368866	1
Q9DBL1;Q7TMY2;E	Short/branched chain specific acyl-CoA Acadsb	24.0196	23.675	14	47.874	54.527	52	0.159754	1
Q9DBL7	Bifunctional coenzyme A synthase Coasy	21.3664	21.0132	5	62.022	9.7829	10	0.681802	1
Q9DBP5;A0A0R4J0	UMP-CMP kinase Cmpk1	26.2858	23.4958	12	22.165	53.039	251	0.325192	1
Q9DBR7	Protein phosphatase 1 regulatory subunit Ppp1r12a	23.4484	23.2009	7	114.99	12.844	14	0.817342	1
Q9DBS2;B1AX95	Tumor protein p63-regulated gene Tprg1;Tprgl	23.5537	25.6058	14	29.814	125.2	191	0.252436	1
Q9DC07	LIM zinc-binding domain-containing protein Neb1	24.8742	25.747	17	31.113	70.456	112	0.329146	1
Q9DC28;Q3UBT6;C	Casein kinase I isoform delta Csnk1d;Csnk1e	22.2265	22.6142	9	47.316	16.779	29	0.692547	1
Q9DC51;Q3TJH1	Guanine nucleotide-binding protein Gnai3	22.4275	22.5199	17	40.538	18.356	34	0.938193	1
Q9DC61;Q3TY06;Q	Mitochondrial-processing peptidase Pmpca	24.2362	24.0337	17	58.278	65.235	72	0.562455	1
Q9DC70	NADH dehydrogenase [ubiquinone] Ndufs7	26.9508	24.896	9	24.683	125.42	185	0.30427	1
Q9DCC4	Pyrroline-5-carboxylate reductase Pycrl	22.0773	23.3449	6	28.721	26.578	32	0.389928	1
Q9DCJ1	Target of rapamycin complex subunit Mlst8	22.6446	22.2942	5	35.851	22.251	26	0.758261	1

Q9DCJ5	NADH dehydrogenase [ubiquinone Ndufa8	28.795	25.3006	12	19.992	89.699	309	0.31976	1
Q9DCL9	Multifunctional protein ADE2;Phos Paics	25.3503	25.4775	16	47.006	125.17	156	0.7269	1
Q9DCM0	Persulfide dioxygenase ETHE1, mit: Ethe1	22.4558	23.9318	9	27.738	20.172	65	0.364964	1
Q9DCM2;A0A0N4S	Glutathione S-transferase kappa 1 Gstk1	21.2357	21.7853	3	25.704	7.4825	20	0.661243	1
Q9DCN2;Q9CY59;F	NADH-cytochrome b5 reductase 3; Cyb5r3	23.6744	25.9752	15	34.127	153.81	213	0.313965	1
Q9DCP2;A0A0A6YV	Sodium-coupled neutral amino acid Slc38a3	24.7492	24.7891	5	55.591	29.267	49	0.909168	1
Q9DCS3;A2A845	Trans-2-enoyl-CoA reductase, mito Mecn	24.3578	24.1527	12	40.342	143.75	103	0.419221	1
Q9DCS9;D3YUK4	NADH dehydrogenase [ubiquinone Ndufb10	25.9064	25.0632	10	21.024	110.18	367	0.743963	1
Q9DCT2	NADH dehydrogenase [ubiquinone Ndufs3	25.5731	27.6274	18	30.149	222.84	624	0.39497	1
Q9DCU6	39S ribosomal protein L4, mitochondrial Mrpl4	22.8264	22.0913	8	33.073	7.3348	11	0.663083	1
Q9DCW4;A0A0U1R	Electron transfer flavoprotein subunit Etfb	24.4498	26.4999	16	27.623	112.57	301	0.350272	1
Q9DCZ1;F6VY18	GMP reductase 1 Gmpr	22.5688	23.228	8	37.482	51.004	34	0.638547	1
Q9DCZ4;Q3KNM9	Apolipoprotein O Apoo	26.376	25.6606	8	22.604	101.88	202	0.283711	1
Q9DD18	D-tyrosyl-tRNA(Tyr) deacylase 1 Dtd1	22.1396	24.3934	9	23.384	56.918	65	0.21727	1
Q9EP69	Phosphatidylinositol phosphatase Sacm1l	25.4423	25.7078	21	66.943	45.752	120	0.622155	1
Q9EPE9;Q69Z96	Manganese-transporting ATPase 1: Atp13a1;mKIAA	21.8763	21.7885	6	132.39	5.7098	10	0.903038	1
Q9EPK2	Protein XRP2 Rp2	22.6557	21.4243	6	39.376	6.7157	13	0.008131	1
Q9EPK7;E9PUW7	Exportin-7 Xpo7	25.2849	25.0569	21	123.81	52.64	89	0.736046	1
Q9EPL2	Calsynenin-1;Soluble Alc-alpha;CT Clstn1	22.7944	22.6738	7	108.9	27.7	15	0.928874	1
Q9EPL8	Importin-7 Ipo7	26.2802	26.2714	24	119.49	172.62	237	0.989179	1
Q9EPN1	Neurobeachin Nbea	27.7779	27.8377	75	326.74	323.31	495	0.691517	1
Q9EPR4	Solute carrier family 23 member 2 Slc23a2	23.4564	23.4431	7	70.048	31.565	24	0.958894	1
Q9EPU0	Regulator of nonsense transcripts 1 Upf1	25.2983	25.2232	22	123.97	46.296	72	0.880355	1
Q9EQ06	Estradiol 17-beta-dehydrogenase 1 Hsd17b11	22.0449	23.047	7	32.88	14.431	29	0.319233	1
Q9EQ20;Q8K0L1	Methylmalonate-semialdehyde dehydrogenase Aldh6a1	27.0939	26.9151	26	57.915	323.31	456	0.387545	1
Q9EQ80;Q3V2R8;D	NIF3-like protein 1 Nif3l1	23.8107	23.7161	11	41.745	60.824	102	0.696709	1
Q9EQF6	Dihydropyrimidinase-related protein Dpysl5	28.2473	28.2687	31	61.516	323.31	489	0.937862	1
Q9EQQ9;Q05CX1	Protein O-GlcNAcase Mgea5	24.4801	24.6439	16	103.16	53.198	61	0.853554	1
Q9ER00;Q3TIL5;Q3	Syntaxin-12 Stx12	22.6978	24.9687	9	31.195	55.911	101	0.258545	1
Q9ER35	Fructosamine-3-kinase Fn3k	22.5165	22.5089	7	35.032	14.764	22	0.99167	1
Q9ER72;Q3U716;Q	Cysteine--tRNA ligase, cytoplasmic Cars	24.2834	23.9083	22	94.859	79.299	56	0.484262	1
Q9ERD7;Q9CRT0	Tubulin beta-3 chain Tubb3	30.2559	30.1021	28	50.418	323.31	2028	0.388586	1
Q9ERI6;Q3UQM5;C	Retinol dehydrogenase 14 Rdh14	21.7902	22.0379	6	36.365	17.876	22	0.666647	1

Q9ERK4;E9Q1T9;F6 Exportin-2	Cse1l	26.1699	26.1748	24	110.45	147.35	129	0.993959	1
Q9ERL9	Guanylate cyclase soluble subunit 3	21.8019	21.1056	5	77.587	12.259	12	0.301115	1
Q9ERR1;Q9CZA6	Nuclear distribution protein nudE-1	21.1723	21.3072	4	38.365	8.7294	23	0.692414	1
Q9ERS2	NADH dehydrogenase [ubiquinone]	26.6114	25.5372	11	16.859	60.945	345	0.587527	1
Q9ERU9	E3 SUMO-protein ligase RanBP2	22.2134	22.4884	6	341.12	6.6199	7	0.533336	1
Q9ES28;A0A0R4J0	Rho guanine nucleotide exchange f	24.1077	24.1632	22	97.055	44.306	60	0.907017	1
Q9ES97;Q8C6L4	Reticulon-3	28.6077	28.3878	36	103.88	323.31	502	0.12251	1
Q9ESJ4	NCK-interacting protein with SH3 d	24.5145	24.5959	17	78.572	90.334	124	0.751332	1
Q9ESW4	Acylglycerol kinase, mitochondrial	25.2657	25.6061	17	46.975	196.35	220	0.420927	1
Q9JHI5	Isovaleryl-CoA dehydrogenase, mit	25.2451	25.4321	18	46.325	267.03	101	0.727884	1
Q9JHK4;Q3UIH7;Q5	Geranylgeranyl transferase type-2	25.0377	25.1928	23	64.989	129.62	141	0.348198	1
Q9JHS3	Ragulator complex protein LAMTOR	21.0052	21.0043	5	13.48	4.097	7	0.998688	1
Q9JHU4	Cytoplasmic dynein 1 heavy chain 1	31.6577	31.606	277	532.04	323.31	5150	0.778415	1
Q9JHU9	Inositol-3-phosphate synthase 1	23.9587	24.3699	13	60.931	45.048	82	0.383045	1
Q9JHW2	Omega-amidase NIT2	21.6194	23.0858	10	30.501	16.958	41	0.145049	1
Q9JI90;G3XA54	E3 ubiquitin-protein ligase RNF14	22.1218	22.0786	9	54.926	41.751	20	0.97215	1
Q9JI91;Q8K3Q4;Q5	Alpha-actinin-2	25.7233	25.7648	40	103.83	72.924	173	0.840458	1
Q9JIA1;A0A0G2JGE	Leucine-rich glioma-inactivated prc	26.8522	27.0928	20	63.643	190.87	360	0.017628	1
Q9JIF7	Coatomer subunit beta	24.1983	24.2113	16	107.06	28.203	47	0.942622	1
Q9JIG7	Coiled-coil domain-containing prot	22.657	22.454	11	70.843	23.71	24	0.186717	1
Q9JIG8;A0A140LJ3	PRA1 family protein 2	24.6126	24.3495	4	19.478	22.58	36	0.339139	1
Q9JIK8;Q9WV85;Q5	Nucleoside diphosphate kinase;Nu	23.8329	22.371	4	18.852	14.715	19	0.101028	1
Q9JIS5	Synaptic vesicle glycoprotein 2A	29.7159	29.8605	21	82.646	323.31	667	0.743648	1
Q9JIW9;Q8CCG5	Ras-related protein Ral-B	20.7148	21.5306	10	23.349	5.7876	5	0.260919	1
Q9JJ28	Protein flightless-1 homolog	22.4032	21.4605	5	144.8	10.645	8	0.429751	1
Q9JJC6	RILP-like protein 1	21.8975	21.8337	7	47.323	28.677	34	0.948704	1
Q9JIL8	Serine--tRNA ligase, mitochondrial	21.4772	21.8486	6	58.316	16.683	16	0.230689	1
Q9JJR8;Q3UI08;D3	Transmembrane protein 9B	23.516	21.8234	5	22.607	6.4173	22	0.254545	1
Q9JJV2;D3YWS3	Profilin-2;Profilin	28.1383	25.8029	9	15.032	126.77	244	0.393452	1
Q9JJV5;S4R247	Voltage-dependent calcium channe	25.3119	25.225	8	35.515	77.899	78	0.875407	1
Q9JJY3	Sphingomyelin phosphodiesterase	21.1478	21.7525	6	71.196	7.7994	10	0.285769	1
Q9JJZ2	Tubulin alpha-8 chain	22.2488	21.9877	21	50.051	13.991	32	0.685282	1
Q9JK42	[Pyruvate dehydrogenase (acetyl-t	23.1365	23.9279	11	46.04	45.766	74	0.345284	1

Q9JKB1;Q8BWQ9;E Ubiquitin carboxyl-terminal hydrolase Uchl3	Uchl4		22.5199	24.4341	10	26.151	26.102	59	0.238283	1
Q9JKC6	Cell cycle exit and neuronal differentiation Cend1		29.5794	26.7106	12	14.987	323.31	150	0.25295	1
Q9JKC8;H7BWW2;Q AP-3 complex subunit mu-1	Ap3m1		21.2073	21.0363	7	46.936	3.5066	5	0.594969	1
Q9JKD3	Secretory carrier-associated membrane protein Scamp5		25.8665	26.3723	4	26.068	15.177	200	0.474588	1
Q9JKK7	Tropomodulin-2 Tmod2		27.2803	27.1201	22	39.51	323.31	390	0.41223	1
Q9JKL4	NADH dehydrogenase [ubiquinone] Ndufa3		21.8339	21.4049	5	20.733	5.6444	17	0.603117	1
Q9JKR6;Q8VCI2 Hypoxia up-regulated protein 1	Hyou1		27.7028	27.6595	36	111.18	323.31	395	0.794869	1
Q9JXX6;A0A0A6YV ADP-sugar pyrophosphatase	Nudt5		20.7966	21.2373	5	23.984	5.5541	6	0.55304	1
Q9JLO4	Formin-2 Fmn2		23.4798	22.8569	7	167.38	24.915	17	0.413995	1
Q9JLS6;D3Z3E2 Glycerophosphodiester phosphodiesterase Gde1	Gde1		22.6927	23.24	5	37.629	7.0665	15	0.696729	1
Q9JLI8	Squamous cell carcinoma antigen receptor Sart3		22.7208	23.0543	13	109.62	13.079	17	0.294019	1
Q9JLN9	Serine/threonine-protein kinase mTOR Mtor		25.6934	25.54	44	288.79	202.72	130	0.662435	1
Q9JLR1;Q9CYJ6 Protein transport protein Sec61 subunit Sec61a2	Sec61a2		22.263	22.5877	5	52.247	12.229	10	0.842616	1
Q9JM13	Rab5 GDP/GTP exchange factor Rabgef1		21.1691	20.0235	4	56.868	6.3769	7	0.255004	1
Q9JM14;A2A9X5 5(3)-deoxyribonucleotidase, cytosolic Nt5c	Nt5c		23.5403	24.7134	7	23.076	38.664	97	0.673577	1
Q9JM52;F7AMS7;C Misshapen-like kinase 1	Mink1		26.2104	26.2612	26	147.29	66.072	157	0.816778	1
Q9JM76;H7BWZ3;A Actin-related protein 2/3 complex Arpc3	Arpc3		27.763	25.2495	9	20.524	44.22	326	0.341184	1
Q9JMC3;Q8R1X2 DnaJ homolog subfamily A member Dnaja4	Dnaja4		22.5895	22.8815	8	44.901	16.484	31	0.22668	1
Q9JME5	AP-3 complex subunit beta-2 Ap3b2		26.9218	26.6293	36	119.19	126.51	288	0.426031	1
Q9JME7	Trafficking protein particle complex Trappc2l		21.6277	21.423	4	16.018	4.2176	10	0.439993	1
Q9JMF3	Guanine nucleotide-binding protein Gng13		22.1386	20.4634	3	7.9793	3.4612	4	0.094752	1
Q9JMH6;Q91Y95 Thioredoxin reductase 1, cytoplasmic Txnrd1	Txnrd1		25.2615	25.0797	16	67.083	158.32	142	0.232018	1
Q9QUM9;E0CXB1 Proteasome subunit alpha type-6 Psma6	Psama6		24.2442	26.5271	12	27.372	86.641	249	0.319567	1
Q9QUP5	Hyaluronan and proteoglycan link protein Hapln1		26.3953	26.2223	19	40.477	226.09	213	0.72073	1
Q9QWW1;E9Q4F9; Homer protein homolog 2	Homer2		22.1568	21.6219	7	40.57	7.135	26	0.483621	1
Q9QX52;Q9ROAO Peroxisomal membrane protein PEX14	Pex14		22.0907	21.3068	4	31.618	40.496	11	0.545104	1
Q9QXB9	Developmentally-regulated GTP-binding protein Drg2		22.6199	23.2207	10	40.718	30.197	58	0.076947	1
Q9QXK3	Coatomer subunit gamma-2 Copg2		21.9943	21.6589	9	97.679	16.591	23	0.805998	1
Q9QXS1;Q6S388;Q Plectin	Plec		30.6198	30.5832	245	534.18	323.31	2440	0.885538	1
Q9QXS6;Q3TRK3;A Drebrin	Dbn1		28.1367	28.2025	31	77.286	323.31	558	0.876868	1
Q9QXT0	Protein canopy homolog 2 Cnpy2		22.7738	21.3829	3	20.767	3.3701	7	0.242854	1
Q9QXV0	ProSAAS;KEP;Big SAAS;Little SAAS;Large SAAS Pcsk1n		22.1809	20.4234	4	27.27	7.6567	12	0.074127	1
Q9QXW9	Large neutral amino acid transporter Slc7a8		24.0555	24.3295	5	57.872	5.5673	42	0.599746	1

Q9QXY6;Q8R0V6	EH domain-containing protein 3	Ehd3	27.5999	27.6599	37	60.82	323.31	461	0.594221	1
Q9QYA2;Q3UQD0	Mitochondrial import receptor sub	Tomm40	23.2942	23.4777	12	37.895	30.332	50	0.773216	1
Q9QYB8;Q8C0Y2	Beta-adducin	Add2	27.8596	27.5951	30	80.641	323.31	377	0.497365	1
Q9R1R9;Q9R1R8;Q	Retinol dehydrogenase 11	Rdh11;Ube-1c	20.5973	20.9261	3	32.442	8.1669	11	0.601406	1
Q9QYG0	Protein NDRG2	Ndrg2	28.3973	28.5308	16	40.789	323.31	676	0.142656	1
Q9QYJ0	DnaJ homolog subfamily A membe	Dnaja2	20.923	21.5661	17	45.745	17.397	23	0.183885	1
Q9QYR9;Q6P2K2	Acyl-coenzyme A thioesterase 2, m	Acot2	23.65	23.8661	15	49.656	74.209	48	0.509962	1
Q9QYS2	Metabotropic glutamate receptor	Grm3	27.3326	27.4378	21	99.113	158.09	303	0.626725	1
Q9QYX7	Protein piccolo	Pclo	29.1033	29.0849	129	550.83	323.31	854	0.93839	1
Q9QZ06;Q8BQL7;F	Toll-interacting protein	Tollip	24.192	25.403	11	30.345	72.259	194	0.358056	1
Q9QZ83	Gamma actin-like protein	Actg1	29.0713	29.0611	25	43.6	323.31	1315	0.983043	1
Q9QZB7	Actin-related protein 10	Actr10	24.6262	24.6416	18	46.207	106.61	115	0.926861	1
Q9QZD9;Q3T9Y8	Eukaryotic translation initiation fac	Eif3i	23.6105	24.3825	10	36.46	106.51	74	0.234207	1
Q9QZE5	Coatomer subunit gamma-1	Copg1	20.9594	20.9841	7	97.512	5.6125	8	0.960044	1
Q9QZM0	Ubiquilin-2	Ubqln2	25.1183	25.279	11	67.35	135.91	112	0.51637	1
Q9QZQ8;Q8CA90	Core histone macro-H2A.1;Histone	H2afy	25.4025	25.3217	12	39.735	60.941	150	0.867294	1
Q9QZX7	Serine racemase	Srr	26.2493	26.2883	10	36.358	264.51	257	0.733661	1
Q9R0D8;D3Z394	WD repeat-containing protein 54	Wdr54	22.9492	22.7013	7	35.612	24.219	25	0.198649	1
Q9R0N7	Synaptotagmin-7	Syt7	23.5415	23.5877	7	45.472	22.561	60	0.705153	1
Q9R0P9;Q3TCH2;I7	Ubiquitin carboxyl-terminal hydrol	Uchl1	26.4683	29.1617	17	24.838	323.31	486	0.379905	1
Q9R0Q6;A0A0G2JF	Actin-related protein 2/3 complex	Arpc1a	28.0419	27.969	25	41.626	308.05	568	0.647821	1
Q9R0X4;Q32MW3	Acyl-coenzyme A thioesterase 9, m	Acot9;Acot10	24.2736	24.7168	18	50.56	133.83	155	0.474526	1
Q9R0Y5	Adenylate kinase isoenzyme 1	Ak1	28.939	25.8308	15	21.539	282.98	406	0.322466	1
Q9R118	Serine protease HTRA1	Htra1	20.9797	21.5267	4	51.213	6.0292	24	0.067844	1
Q9R1C6;F2Z490;Q8	Diacylglycerol kinase epsilon	Dgke	22.5004	22.7344	4	63.634	10.51	28	0.829324	1
Q9R1P0;Q3TL95;Q	Proteasome subunit alpha type-4;F	Pasma4	24.1903	25.8243	15	29.47	77.013	187	0.279218	1
Q9R1P3;Q8BJX0	Proteasome subunit beta type-2;Pr	Psmb2	26.1376	23.424	14	22.906	52.315	175	0.235415	1
Q9R1Q8;Q9D6K2	Transgelin-3;Transgelin	Tagln3	28.4785	25.2991	17	22.47	138.47	607	0.303273	1
Q9R1T2	SUMO-activating enzyme subunit 1	Sae1	23.8743	24.2438	15	38.62	91.719	78	0.596008	1
Q9R1T4;Q3UUU4	Septin-6	Sept6	28.6058	28.4463	29	49.619	323.31	808	0.505055	1
Q9WTL7	Acyl-protein thioesterase 2	Lypla2	23.0374	24.1883	9	24.794	34.658	96	0.558542	1
Q9WTP6	Adenylate kinase 2, mitochondrial;	Ak2	22.0715	23.724	6	26.468	38.513	26	0.29215	1
Q9WTP7;Q9D8W6	GTP:AMP phosphotransferase AK3	Ak3	24.4517	26.0504	16	25.426	64.289	207	0.390343	1

Q9WTR1	Transient receptor potential cation Trpv2	22.607	22.2493	6	85.964	7.5393	12	0.69729	1
Q9WTX2	Interferon-inducible double-strand Prkra	20.5716	20.3277	4	34.371	7.9992	7	0.698642	1
Q9WU79;A0A0R4J1	Proline dehydrogenase 1, mitochondr Prodh	23.2151	23.3998	9	68.035	69.197	50	0.50228	1
Q9WUA3;Q8C605	ATP-dependent 6-phosphofructoki Pfkp	28.787	28.7923	39	85.454	323.31	1203	0.954121	1
Q9WUB3;E9PUM3	Glycogen phosphorylase, muscle fc Pygm	26.5582	26.7568	43	97.285	142.13	350	0.441815	1
Q9WUD1;Q3TYJ0	STIP1 homology and U box-contain Stub1	22.5026	23.0542	14	34.909	35.049	40	0.702304	1
Q9WUM5	Succinyl-CoA ligase [ADP/GDP-form Suclg1	27.7698	27.6754	14	36.154	323.31	353	0.573033	1
Q9WUP7;A0A087M	Ubiquitin carboxyl-terminal hydroli Uchl5	22.6256	22.8999	8	37.616	14.392	43	0.319962	1
Q9WV18;Q8CAF8	Gamma-aminobutyric acid type B r Gabbr1	25.6637	25.7975	19	108.21	70.554	103	0.234652	1
Q9WV34	MAGUK p55 subfamily member 2 Mpp2	27.3836	27.3278	30	61.554	323.31	375	0.73769	1
Q9WV55	Vesicle-associated membrane prot Vapa	26.183	27.6732	15	27.855	150.53	278	0.361135	1
Q9WV69;Q3UEW2	Dematin Dmtn	25.5618	25.2506	12	45.468	49.434	149	0.193026	1
Q9WV92;A7YY80;B	Band 4.1-like protein 3;Band 4.1-lik Epb41l3;Epb4.1	29.75	29.671	56	103.34	323.31	1333	0.767412	1
Q9WVA4	Transgelin-2 Tagln2	23.1812	22.6601	9	22.395	13.644	29	0.55207	1
Q9WVL0;Q9JJA0	Maleylacetoacetate isomerase Gstz1	23.5273	25.1895	8	24.275	75.772	91	0.342165	1
Q9WVQ5	Methylthioribulose-1-phosphate de Apip	20.5276	20.1723	2	26.949	3.1385	5	0.635523	1
Q9Z0E0	Neurochondrin Ncdn	29.2801	29.3265	34	78.894	323.31	1415	0.784512	1
Q9Z0G0	PDZ domain-containing protein GIF Gipc1	23.9024	23.948	12	36.129	42.677	42	0.674574	1
Q9Z0H8;Q6A090	CAP-Gly domain-containing linker Ꞥ Clip2;mKIAA025	25.7471	24.866	33	115.91	51.679	71	0.321258	1
Q9Z0P4;Q6ZQE7;Q	Paralemmin-1 Palm	25.8377	25.8785	14	41.614	213.23	244	0.846511	1
Q9Z0P5	Twinfilin-2 Twf2	25.8205	25.7956	17	39.47	268.1	255	0.839968	1
Q9Z0V2	Potassium voltage-gated channel s Kcnd2	24.5449	24.983	8	70.576	20.422	55	0.038044	1
Q9Z0Y1;E9Q919	Dynactin subunit 3 Dctn3	25.8699	24.263	11	20.978	33.7	84	0.373465	1
Q9Z140;Q3UYN2;Q	Copine-6 Cpne6	26.9698	26.927	26	61.78	130.33	361	0.900199	1
Q9Z1B3;Q2M4J2;Q	1-phosphatidylinositol 4,5-bisphosꞤ Plcb1;mKIAA05	29.4898	29.3761	71	138.39	323.31	1128	0.505556	1
Q9Z1F9	SUMO-activating enzyme subunit 2 Uba2	23.5537	23.638	14	70.568	53.491	43	0.910666	1
Q9Z1G3;Q3TG21;Q	V-type proton ATPase subunit C 1 Atp6v1c1	28.4549	28.5157	36	43.887	323.31	936	0.464499	1
Q9Z1L5	Voltage-dependent calcium channeꞤ Cacna2d3	25.1129	25.1463	18	122.78	88.39	52	0.930333	1
Q9Z1N5;Q3TB18;Q	Spliceosome RNA helicase Ddx39b;Ddx39b;Ddx39;	25.9384	25.935	20	49.035	143.25	348	0.987018	1
Q9Z1P6;A0A068BG	NADH dehydrogenase [ubiquinone Ndufa7	26.3539	24.306	13	12.575	39.905	100	0.372787	1
Q9Z1Q2	Abhydrolase domain-containing pr Abhd16a	20.4272	22.6733	7	63.085	7.542	9	0.078047	1
Q9Z1S5;Q5DTK0	Neuronal-specific septin-3 Sep-03	28.1846	28.2039	18	40.037	323.31	364	0.891983	1
Q9Z1X4	Interleukin enhancer-binding facto Ilf3	20.4141	21.3088	14	96.02	32.135	26	0.551776	1

Q9Z1Z0	General vesicular transport factor	Uso1	24.054	24.1408	16	106.98	32.289	43	0.855281	1
Q9Z266;V9GXI0;V9	SNARE-associated protein	Snapin	21.5323	20.4958	2	14.904	7.2812	3	0.18274	1
Q9Z268	RasGAP-activating-like protein 1	Rasal1	26.3808	26.3827	34	89.394	226.62	295	0.992936	1
Q9Z2C4;I7HJQ9;Q8	Myotubularin-related protein 1	Mtmr1	23.2783	22.6062	12	75.313	31.392	32	0.407409	1
Q9Z2D6	Methyl-CpG-binding protein 2	Mecp2	24.9235	24.7702	14	52.307	65.565	78	0.613777	1
Q9Z2I0	LETM1 and EF-hand domain-contai	Letm1	26.8472	27.1251	32	82.988	323.31	361	0.57847	1
Q9Z2I8;C6EQH3	Succinyl-CoA ligase [GDP-forming]	SucI2	22.6912	23.5961	11	46.839	37.748	55	0.340132	1
Q9Z2Q6;B7ZNM7;C	Septin-5	Sept5	29.308	29.2944	28	42.747	323.31	1053	0.895767	1
Q9Z2X1;J3QM80;J3	Heterogeneous nuclear ribonucleo	Hnrnpf	23.7727	23.2422	10	45.729	50.949	40	0.550476	1
Q9Z2Y3;D3Z6A7;E9	Homer protein homolog 1	Homer1	27.5458	27.5322	28	41.412	323.31	393	0.944197	1
S4R1C4;Q6DIB8	Calcium-transporting ATPase	Atp2b2	22.0663	22.7469	59	127.3	5.1467	9	0.647859	1
S4R1P5;Q91ZU6;E9	Dystonin	Dst	25.2692	25.3082	38	870.52	70.18	54	0.854344	1
S4R1Q0;S4R2I2;S4F	Ankyrin repeat and sterile alpha m	Anks1b	25.7443	25.5938	19	55.078	52.856	219	0.358851	1
S4R2F3	Ankyrin-2	Ank2	30.4126	30.3167	147	429.1	323.31	2223	0.595838	1
S4R2R5	Ankyrin-2	Ank2	21.8794	21.2548	144	426.43	5.5497	6	0.410225	1
V9GWW1;V9GXM1;	ADP-ribosylation factor GTPase-act	Arfgap1	24.9937	24.8656	13	44.207	95.09	182	0.580593	1
V9GX34;Q571B7	MKIAA1884 protein	Csmd2	22.2214	22.1615	6	392.47	6.3808	7	0.95686	1
V9GZG5	Glutamine synthetase		23.6359	23.9565	13	42.018	86.696	127	0.82694	1
W6PPR4;W6PPA1;C	Ankyrin-3	Ank3	25.854	25.6277	43	473.78	65.425	125	0.477195	1

## Striatum

A0A068BEQ2;P501	Estradiol 17-beta-dehydrogenase 8	H2-Ke6;Hsd17b	24.8097	24.9515	6	26.587	53.858	15	0.928108	1
Q78ZJ8;A0A068BFF	Ras-related protein Rab-11B;Ras-re	Rab11b;Rab11a	29.8002	30.0221	14	24.489	137.59	324	0.633307	1
Q7JCZ1;A0A075DC	Cytochrome c oxidase subunit 2	mt-Co2;COX2;N	29.8915	30.1268	6	25.976	103.81	424	0.80161	1
Q7JCX7;Q7JCA9;G3	Cytochrome c oxidase subunit 3	mt-Co3;COX3;C	26.243	26.3885	1	29.922	4.5708	14	0.943551	1
A0A076FSX1;A0A0	Solute carrier family 12 member 5	Slc12a5	29.2876	29.453	31	123.59	280.73	390	0.826976	1
A0A087WPE4;A0A	Transcription elongation factor B p	Tceb1	24.9479	25.0257	3	5.4431	8.0704	18	0.957882	1
A0A087WNV1;A0A	Arf-GAP domain and FG repeat-cor	Agfg1	25.5683	25.558	6	53.974	25.479	19	0.982629	1
E9Q6L0;B2RY22;J3	CLIP-associating protein 1	Clasp1	24.0396	24.3262	9	160.23	13.61	7	0.856845	1
Q3TYE5;A0A087WF	Limbic system-associated membrai	Lsamp	30.0695	30.088	16	37.31	323.31	304	0.943208	1
A0A087WPL5;E9Q	ATP-dependent RNA helicase A	Dhx9	27.161	27.264	22	149.62	77.644	91	0.675995	1
A0A087WPP8;Q6A	Abl interactor 2	Abi2	27.4585	27.4667	13	52.482	70.507	89	0.969899	1
A0A087WPX3;A0A087WR56;A0A087WNW2		Nfasc	30.3998	30.3196	42	150.36	323.31	457	0.669334	1
Q6P5H4;E9QAN4;C	Kinesin-like protein;Kinesin-like prc	Kif1a	26.0191	26.11	15	190.99	40.902	24	0.479132	1

A0A087WRE5;Q6P U8 snoRNA-decapping enzyme	Nudt16	24.3602	23.5358	4	21.248	11.693	8	0.105023	1
A0A087WSS1;E9QM LisH domain and HEAT repeat-cont	2310035C23Rik	26.784	26.0795	20	131.87	107.59	39	0.422641	1
A0A0A0MQ88;Q8B Cytoplasmic phosphatidylinositol t	Pitpnc1	24.0317	24.8323	4	35.581	47.222	17	0.153507	1
A0A0R4J0X5;A0A0 Alpha-1-antitrypsin 1-3;Alpha-1-an	Serpina1a;Serpi	26.6901	25.5985	10	45.854	134.8	61	0.389311	1
A0A0A0MQD5;Q4A SH3 and multiple ankyrin repeat dc	Shank3	28.1235	28.194	31	192.22	149.31	117	0.746573	1
A0A0A0MQM0;P6E Eukaryotic translation initiation fac	Eif5a;Eif5a2	26.497	26.9752	10	16.302	177.85	72	0.76832	1
A0A0A1HAM8;P26 Myristoylated alanine-rich C-kinase	Marcks	28.6128	28.7435	8	29.721	103.46	71	0.650542	1
Q80XD3;A0A0A6YV Regulator of G-protein signaling 7	Rgs7	27.5344	27.7291	14	55.014	114.92	106	0.510553	1
A0A0A6YX33;A0A0 Serine/threonine-protein kinase D	Dcll2	24.9398	24.9338	10	64.926	49.504	18	0.990295	1
A0A0A6YWM5;E9C Rab3 GTPase-activating protein no	Rab3gap2	25.3075	23.5554	10	152.54	55.482	16	0.236613	1
A0A0A6YX18;Q8BV V-type proton ATPase subunit H	Atp6v1h	29.8517	29.7927	26	54.108	323.31	386	0.894994	1
Q9CY93;Q5M9K9;A 60S ribosomal protein L31	Rpl31	24.7426	25.4597	4	14.411	13.327	43	0.651456	1
A0A0A6YX73;Q8K1 cAMP-dependent protein kinase ty	Prkar2a	27.3695	27.2992	15	43.165	323.31	85	0.91879	1
A0A0A6YY47 Neural cell adhesion molecule 1	Ncam1	25.7642	25.608	27	93.491	27.156	13	0.800898	1
A0A0A6YY91 Neural cell adhesion molecule 1	Ncam1	31.6847	31.5682	35	116.26	323.31	752	0.138868	1
B9EHV0;A0A0G2JD Leucine-rich repeat-containing pro	Lrrc7	26.313	25.6927	18	156.67	65.129	37	0.657658	1
A0A0G2JDX4;A0A0 Tetraspanin;Tetraspanin-2	Tspan2	26.5666	25.2627	3	9.5218	73.335	38	0.262689	1
A0A0G2JEC4;Q9JK4 Endophilin-B1	Sh3glb1	25.1885	25.1888	7	44.303	31.499	14	0.998947	0.999579
A0A0G2JEG8;Q7TQ Amphiphysin	Amph	30.5729	30.3633	26	75.339	323.31	509	0.62274	1
A0A0G2JER9;O549 DnaJ homolog subfamily B membe	Dnajb6	25.7308	26.5079	6	26.998	18.01	25	0.219152	1
A0A0G2JES3;Q5EB 60S ribosomal protein L9	Rpl9	23.8939	24.5735	5	21.622	14.939	21	0.366569	1
A0A0G2JGQ6;A3KN Serine/threonine-protein kinase D	Dcll1	27.2297	27.2596	17	82.104	127.64	76	0.948687	1
A0A0G2JGX4;Q6PI Sodium/potassium-transporting AT	Atp1a3	34.28	34.2863	61	112.99	323.31	3034	0.993736	1
A0A0J9YKD4;Q9D6 Creatine kinase M-type	Ckm	28.228	28.4192	2	35.108	45.129	133	0.721988	1
B1AWN6;A0A0R5R Sodium channel protein	Scn2a1	24.9837	25.7332	8	227.94	17.712	14	0.488516	1
A0A0J9YTY0;A0A0J Septin-11	Sept11	30.4916	30.607	26	48.978	323.31	429	0.473789	1
A0A0J9YU62;O887 C-terminal-binding protein 1	Ctbp1	28.7518	28.7684	16	46.527	323.31	174	0.965909	1
A0A0J9YUN4;A0A0 Dynamin-1	Dnm1	33.1444	33.0703	73	97.294	323.31	2350	0.738836	1
Q8C7C4;Q8BNM0; High mobility group protein B1	Hmgb1	27.3044	28.0955	10	20.303	62.738	74	0.264788	1
A0A0J9YVF0;Q14BI Metabotropic glutamate receptor	Grm2	23.6675	23.7502	4	65.785	6.7098	6	0.899803	1
A1L332;A0A0M3HE Phospholipid-transporting ATPase;	Atp8a1	26.4116	26.581	15	131.18	66.129	49	0.795733	1
A0A0N4SV32;Q3UE Plasminogen activator inhibitor 1 R	Serbp1	26.8069	26.2305	10	39.644	95.48	23	0.264644	1
A0A0N4SVB8;Q9D ADP-ribosylation factor-like protei	Arl8b	26.0511	26.2163	7	15.985	45.811	69	0.902384	1

AOA0N4SVL0;Z4YK Eukaryotic translation initiation fac Eif4g3	24.9809	24.7351	6	192.82	10.371	8	0.856669	1
AOA0N4SVL9;Q9CC Serine/threonine-protein phosphat Ppp6c	24.4846	24.1097	4	32.547	9.5184	15	0.717728	1
AOA0N4SVP8;Q91V Eukaryotic initiation factor 4A-III;Ei Eif4a3;Gm8994	24.0061	25.4333	8	46.959	25.91	13	0.107761	1
AOA0N4SVT3;AOA0 Guanine nucleotide-binding protein Gng12	25.0898	25.1324	5	7.1971	17.514	35	0.981404	1
AOA0N4SW94;Q0V Myeloid-associated differentiation Myadm	23.5358	24.3844	2	8.6402	8.4135	10	0.486375	1
AOA0R3P9C8;Q9DC NADH dehydrogenase [ubiquinone Ndufa9	29.3755	29.3963	21	42.121	323.31	398	0.957121	1
AOA0R4IZW8;O884 Calpain small subunit 1 Capns1	24.413	24.7288	5	28.406	33.654	17	0.650266	1
AOA0R4IZX5;P5506 Neurocan core protein Ncan	30.0644	29.8723	32	137.17	323.31	301	0.188221	1
AOA0R4IZY0;Q8C1 Thimet oligopeptidase Thop1	25.9677	25.0916	18	78.026	119.21	38	0.543092	1
AOA0R4J023;Q9JLZ Methylglutaconyl-CoA hydratase, r Auh	26.9775	27.47	11	33.338	209.91	143	0.243322	1
AOA0R4J036;P0855 Neurofilament medium polypeptid Nefm	33.5688	33.1808	54	95.94	323.31	1859	0.034736	1
AOA0R4J050;Q99JV Aminoacylase-1 Acy1	24.3833	24.025	6	45.794	13.328	12	0.73201	1
AOA0R4J052;G5E81 Hydroxyacylglutathione hydrolase, Hagh	28.1163	28.2898	8	28.92	73.619	117	0.648174	1
AOA0R4J083;P5117 Long-chain specific acyl-CoA dehyd Acadl	27.0006	27.0178	16	47.896	111.33	56	0.955213	1
AOA0R4J087;Q8BJI Sodium-dependent neutral amino : Slc6a17	25.7236	25.9487	8	80.756	31.034	34	0.396458	1
AOA0R4J093;Q9DB UMP-CMP kinase Cmpk1	27.2929	26.801	9	25.714	53.129	86	0.641128	1
AOA0R4J094;Q3TC Fumarylacetoacetate hydrolase do Fahd2	26.1956	26.7706	11	34.676	50.098	65	0.258069	1
E9Q9N6;E9PYX3;A Serine/threonine-protein kinase M Mark2	24.9111	25.0588	11	79.091	39.107	17	0.89496	1
AOA0R4J0B8;J3QQ Endophilin-A3 Sh3gl3	24.451	24.6923	8	38.95	17.445	7	0.717565	1
AOA0R4J0I1;P0775 Serine protease inhibitor A3K Serpina3k	24.5374	24.6891	5	46.672	19.139	8	0.396306	1
AOA0R4J0I9;Q91ZX Prolow-density lipoprotein recepto Lrp1	26.6362	26.4743	24	504.77	82.542	51	0.402935	1
Z4YL78;AOA0R4J0K Cytoskeleton-associated protein 5 Ckap5	24.5948	25.1638	11	218.71	28.608	20	0.492656	1
AOA0R4J0Q5;P216 Lamin-B2 Lmnb2	26.3729	26.3115	21	69.084	88.317	42	0.888313	1
G3UYZ1;AOA0R4J1 Immunoglobulin superfamily meml Igsf8	29.0479	29.0195	14	58.131	301.27	246	0.763764	1
AOA0R4J124;O547 SRSF protein kinase 2;SRSF protein Srpk2	24.8756	24.1852	6	76.884	17.239	17	0.52225	1
AOA0R4J150;B9EJ8 Oxysterol-binding protein Osbpl8	24.165	24.36	5	96.98	15.078	28	0.775213	1
AOA0R4J1F4;A2AGI MAP kinase-activating death doma Madd	25.5738	25.427	11	173.2	42.766	22	0.629164	1
Q3TMU8;AOA0R4J1 Dihydropyrimidinase-related prote Dpysl4	29.3068	29.3142	23	61.927	323.31	305	0.975734	1
AOA0R4J1Y7;E9PXX Thioredoxin domain-containing prc Txndc5	24.587	24.5958	6	36.083	16.704	20	0.987441	1
Q8BME2;AOA0R4J2 NADH dehydrogenase [ubiquinone Ndufa12	28.6618	29.6132	13	17.374	143.89	242	0.131509	1
AOA0R4J2A6;S4R1 Ankyrin repeat and sterile alpha m Anks1b	27.449	27.4035	14	48.314	53.872	83	0.843304	1
AOA0R4J2B0;V9GX CUGBP Elav-like family member 2 Celf2	26.1816	26.5157	9	46.607	63.899	27	0.568097	1
AOA0R4J2B2;Q6W BTB/POZ domain-containing protei Kctd12	25.135	25.3884	10	35.888	48.244	47	0.621315	1

Q5DTI3;A0A0R4J2C	Synaptotagmin-2	Syt2;syt II	26.1474	23.6325	14	36.063	55.582	21	0.102195	1
A2RTH5;A0A0U1R1	Leucine carboxyl methyltransferase	Lcmt1	25.4594	25.3051	7	38.192	17.247	31	0.656698	1
A0A140LHL5;Q8VD	NAD-dependent protein deacetylase	Sirt2	30.1189	30.3149	22	39.425	323.31	519	0.443466	1
A0A140T8I9;E9Q3L	Phosphatidylinositol 4-kinase alpha	Pi4ka	25.5245	25.9661	21	231.35	82.914	27	0.680202	1
Q91YK6;Q4V9X9;Q	60S ribosomal protein L23a	Rpl23a;Gm609c	25.6578	26.0857	6	16.94	18.707	33	0.812606	1
Q5EBJ0;A0A140T8I	Fatty acid-binding protein, heart	Fabp3	26.9436	27.2681	5	14.819	28.662	55	0.443233	1
A0A1B0GR11;Q93C	Transaldolase	Taldo1	28.854	29.0695	16	42.151	91.397	241	0.36132	1
Q5PR72;A0A1B0GF	cGMP-dependent 3,5-cyclic phosphodiesterase	Pde2a	29.6852	29.7173	37	105.25	323.31	346	0.767091	1
Q544R1;Q3UYN1;A	Proline synthase co-transcribed bacterial	Prosc	25.5056	26.0564	10	30.048	47.298	47	0.62234	1
A0A1B0GRU0;Q3T	Vesicular glutamate transporter 1	Slc17a7	28.6491	29.0513	11	64.318	153.58	127	0.576168	1
A0A1B0GRV0;Q9ZC	3(2),5-bisphosphate nucleotidase 1	Bpnt1	27.4758	27.9446	16	34.973	193.47	137	0.39412	1
A0A1B0GS63;Q8K2	Arfaptin-2	Arfp2	25.277	26.3581	7	37.288	39.392	22	0.027454	1
Q3UM23;A0A1B0G	Ribonuclease inhibitor	Rnh1	26.3613	25.4801	14	49.843	113.17	37	0.561496	1
A0A1C7ZMY3;Q80Z	SH3 and multiple ankyrin repeat domain	Shank2	24.1483	24.8463	9	134.61	22.913	15	0.545101	1
A0A1D5RLD8	Glyceraldehyde-3-phosphate dehydrogenase	Gm10358	30.0484	30.3338	24	35.812	28.053	177	0.801246	1
Q3UYK8;A0A1D5RL	Rab3 GTPase-activating protein catalytic	Rab3gap1	24.9491	25.5253	13	110.14	37.375	17	0.159584	1
A0A1D5RLS1;Q609	Epidermal growth factor receptor subunit 1	Eps15l1	25.6904	25.9483	19	66.204	111.1	57	0.824098	1
A0A1D5RM83;E9PL	IQ motif and SEC7 domain-containing protein	lqsec1	26.979	26.8292	19	117.93	79.464	83	0.726425	1
D3Z4T6;A0A4W9;Q	Neuronal growth regulator 1	Negr1	27.7893	27.8635	12	36.208	183.83	75	0.805281	1
A0JLV3;B2RVD5;B2	Histone H2B;Histone H2B type 1-P;Histone H2B	Hist1h2bj;Hist1	34.1867	34.0185	8	13.579	217.42	759	0.749328	1
A0JNY3;Q8BUV3	Gephyrin;Molybdopterin adenylyltransferase	Gphn	27.7716	27.7157	24	83.665	267.71	141	0.938409	1
A1A4T2;Q8BHN3;Q	Neutral alpha-glucosidase AB	Ganab	27.9623	28.0835	27	109.4	143	107	0.371793	1
A1BN54	Alpha actinin 1a	Actn1	32.0886	32.0419	71	102.72	323.31	1649	0.664393	1
Q3TU85;Q3TAI8;A1	Heat shock 70 kDa protein 1A;Heat shock protein	Hspa1b;Hspa1a	24.8668	24.9746	10	70.078	24.286	14	0.748899	1
A1L0U6;A2AS98;P2	Nck-associated protein 1	Nckap1	29.205	29.4852	48	129.38	323.31	310	0.455059	1
A1L151;Q99JG2	Prosaposin receptor GPR37L1	Gpr37l1	24.023	25.0982	2	38.32	4.5384	8	0.338154	1
A1L3B8;P26516	26S proteasome non-ATPase regulatory subunit 7	Psmd7	26.0378	26.4183	10	36.539	78.401	56	0.671075	1
E9PXY1;A2A432;J3I	Cullin-4B	Cul4b	24.3168	25.0807	9	102.41	31.555	17	0.231799	1
A2A547;Q5I0T8;P8	Ribosomal protein L19;60S ribosomal protein	Rpl19	24.2085	25.9092	3	23.247	10.556	22	0.133969	1
A2A5N2;Q9CQV8;A	14-3-3 protein beta/alpha;14-3-3 protein	Ywhab	31.7314	31.568	18	28.086	323.31	426	0.760879	1
A2A6T4;Q8R035	Peptidyl-tRNA hydrolase ICT1, mitochondrial	Ict1	23.4611	22.3218	2	21.356	3.9703	4	0.226571	1
A2A6U3;Q80UG5;A	Septin-9	Sept9	27.4945	27.4789	15	63.772	88.813	81	0.94886	1
A2A7S7;Q91WQ3	Tyrosine--tRNA ligase;Tyrosine--tRNA	Yars	27.4667	27.5643	20	63.001	168.36	81	0.642258	1

A2A813;Q99LX0;A2 Protein deglycase DJ-1	Park7	29.6827	29.8716	14	18.474	225.65	275	0.378657	1
A2ABY3;Q540F5;Q Ethanolamine-phosphate cytidylt	Pcyt2	24.4419	23.9789	8	43.446	98.691	12	0.689698	1
A2ACL9;Q62443;Q Neuronal pentraxin-1	Nptx1	24.4531	24.787	6	47.117	13.795	11	0.580139	1
A2AE27;Q9DBT5 AMP deaminase 2	Ampd2	24.5612	25.0532	5	94.695	17.687	8	0.401407	1
A2AEG6;P35803;A2 Neuronal membrane glycoprotein	Gpm6b	29.6199	29.4324	10	36.196	200.53	183	0.346918	1
A2AEW9;A2AEW8;GRIP1-associated protein 1	Gripap1	26.5417	26.1528	19	90.764	78.416	44	0.61442	1
A2AFG8;Q6PGJ3;A2 Neural cell adhesion molecule L1	L1cam;L1	28.8421	28.7352	26	140.43	323.31	158	0.655059	1
A2AG50;Q3TS73;A MAP7 domain-containing protein 2	Map7d2	25.709	25.6708	5	86.049	26.558	20	0.905088	1
B2RWZ9;A2AGI2;Q Neuroligin-3	Nlgn3;mKIAA14	25.4119	25.4144	7	91.189	27.228	21	0.992452	1
Q8BQW4;A2AH25;Rho GTPase-activating protein 1	Arhgap1	28.1329	28.3199	19	54.441	134.08	138	0.348571	1
Q05BF9;A8Y5Q1;A [Pyruvate dehydrogenase [acetyl-t	Pdp1	25.0366	25.2163	7	61.181	43.472	19	0.008804	1
A2AKH7;Q8JZX5;Q Leucine-rich repeat-containing pro	Lrrc57	24.7681	25.0464	7	24.132	28.999	26	0.811532	1
Q6P6I7;A2AL12;Q5 Heterogeneous nuclear ribonucleo	Hnrnpa3	30.3809	30.7408	24	34.376	323.31	376	0.30223	1
Q8C048;A2ALL9;Q Calcium-transporting ATPase	Atp2b3	26.8592	27.1845	26	125.71	36.205	45	0.429132	1
A2ALS5;A2ALS4;A2 Rap1 GTPase-activating protein 1	Rap1gap	27.5419	27.3303	15	73.432	159.62	78	0.652867	1
A7TU71;A2ALU4 Protein Shroom2	Shroom2	24.6682	23.7242	4	165.26	14.022	5	0.428652	1
A2ALV3;Q62420;Q Endophilin-A1	Sh3gl2	31.18	31.5239	21	48.295	323.31	752	0.154428	1
I7HLV2;Q3THJ6;A2 60S ribosomal protein L10;60S ribo	Rpl10;Rpl10l	27.4441	27.7726	10	23.072	27.192	77	0.501022	1
A2AMH5;A2AMH4;Choline transporter-like protein 1	Slc44a1	24.8559	24.9637	9	73.044	29.251	31	0.939143	1
Q684Q6;A2AN84;C 55 kDa erythrocyte membrane pro	Mpp1	24.3041	24.123	8	47.7	22.656	14	0.859009	1
A2AP31;Q3UIU2;A NADH dehydrogenase [ubiquinone	Ndufb6	25.2818	25.2054	7	15.515	26.731	62	0.964898	1
A2AQL0;Q9Z1W9;C STE20/SPS1-related proline-alanin	Stk39	26.5442	26.4142	7	60.319	104.44	32	0.693944	1
A2AQN9;Q8R436;C Glutathione synthetase	Gss	23.9621	24.0572	3	19.621	11.185	6	0.848229	1
A2ARP8;Q9QYR6 Microtubule-associated protein 1A	Map1a	32.2982	32.0428	103	325.88	323.31	1464	0.132774	1
A2ARS0 Ankyrin repeat domain-containing	Ankrd63	27.4558	27.2228	11	41.067	112.02	115	0.573945	1
Q3TYI5;J3QK20;A2 Voltage-dependent L-type calcium	Cacnb4	24.8123	24.5166	7	57.662	31.004	18	0.748996	1
B6ZHC9;A2AUK5;Q Band 4.1-like protein 1	Epb4.1l1;Epb41	29.8162	29.775	34	98.284	323.31	260	0.818517	1
A2AWI7;Q8R3V5;B Endophilin-B2	Sh3glb2	28.8397	29.0908	20	44.907	294.58	219	0.226669	1
A2BE93;Q5U445;Q Protein SET	Set;BC085271	27.0527	27.2061	6	24.923	69.621	44	0.685831	1
Q3TPJ8;A2BFF5;A2 Cytoplasmic dynein 1 intermediate	Dync1i2	24.5595	24.2421	9	70.612	29.177	13	0.677197	1
Q05CD2;A2BI12;Q PC4 and SFRS1-interacting protein	Psip1	26.526	25.7458	8	29.372	53.984	81	0.407784	1
A2RRK3;O54988 STE20-like serine/threonine-protei	Slk	24.9792	24.2208	9	137.71	25.113	12	0.600957	1
A2RS22;Q9WUM3 Coronin;Coronin-1B	Coro1b	27.2845	27.1218	9	53.912	45.089	44	0.713448	1

A2RS58;P47941	Crk-like protein	Crkl	25.0491	24.0654	3	33.83	44.673	12	0.334611	1
A2RSB1;B7ZNL2;Q8	Nucleosome assembly protein 1-like	Nap1l4	27.109	27.2929	9	42.679	89.27	51	0.384515	1
A2RSV8;P19783	Cytochrome c oxidase subunit 4 isoform 1	Cox4i1	30.8563	31.0427	13	19.53	110.16	762	0.770285	1
B2RPY3;A2RT62	F-box/LRR-repeat protein 16	Fbxl16	28.0659	27.5894	13	51.878	87.726	63	0.375934	1
A2RTT4;P61089	Ubiquitin-conjugating enzyme E2 N	Ube2n	30.2405	29.9891	11	17.138	188.76	232	0.404346	1
A2VDF7;A7E1Z5;E9	Anion exchange protein;Electrogen	Slc4a4	27.2111	27.1996	14	118.78	54.813	73	0.988538	1
B9EKJ1;A3KGU7;P1	Spectrin alpha chain, non-erythrocytic	Sptan1	34.751	34.5726	217	285.18	323.31	5723	0.344557	1
A3KML3;F6YY69;F6	14-3-3 protein theta	Ywhaq	31.5131	31.4672	18	27.778	323.31	478	0.892454	1
E9Q9C5;Q8C1D9;A	V-type proton ATPase 16 kDa protein	Atp6v0c;Gm15a	26.3922	27.7264	2	15.265	84.752	75	0.301877	1
Q7M6W1;A3QM89	Reticulon	Rtn1	26.0541	26.3572	7	23.557	11.619	149	0.83134	1
A4FUS1;Q641N3;Q	40S ribosomal protein S16	Rps16	26.8197	26.8059	9	16.445	38.054	94	0.978483	1
A5GZX3;Q9CPU0	Lactoylglutathione lyase	Glo1	29.325	29.8743	13	20.809	59.864	198	0.191811	1
A6H630	Protein-glutamate O-methyltransferase	Armt1	23.7694	24.4287	4	50.548	28.226	12	0.46677	1
A7VJ98;Q9CQI3;Q8	Glia maturation factor beta	Gmfb	27.83	27.0308	7	16.722	146.32	71	0.276217	1
Q3TMT4;Q3THE7;A	4-trimethylaminobutyraldehyde dehydrogenase	Aldh9a1	26.5144	26.7195	8	53.529	47.791	28	0.11999	1
A8DUK4;A8DUL2;A	Hemoglobin subunit beta-1	Hbbt1;Hbb-b1;Hbb-beta-1	34.2752	34.4475	15	15.748	311.7	2056	0.586624	1
A8IP69;P61982	14-3-3 protein gamma;14-3-3 protein	Ywhag	33.0074	32.6723	20	28.302	323.31	764	0.026141	1
Q5ICG4;A8IP90;Q5	Long-chain-fatty-acid--CoA ligase 6	Acs16	27.3926	27.5599	20	78.016	82.255	110	0.66547	1
A9DA50;Q9D1T0	Leucine-rich repeat and immunoglobulin-like domain	Lingo1	26.2593	26.4385	9	69.831	42.249	33	0.495895	1
B0LAE3;Q9CSX6;P6	Pleiotrophin	Ptn	24.6906	23.6967	2	7.6919	4.6012	14	0.424954	1
Q8CHR4;Q35619;B	Vesicle-associated membrane protein 2	Vamp2	31.2712	31.4919	8	12.691	323.31	709	0.814127	1
B0V2N1;Q3UNN3	Receptor-type tyrosine-protein phosphatase	Ptprs	24.5846	25.4007	10	211.9	45.751	25	0.351286	1
B0V2P5;Q8BPN8;F	DmX-like protein 2	Dmxl2	28.2584	28.6037	53	340.69	239.48	154	0.61365	1
B1AQF4;Q9D7X3;Q	Dual specificity protein phosphatase	Dusp3	26.8809	26.0828	7	23.223	112.6	82	0.651297	1
B1AQX9;B1AQX6;B	SRC kinase signaling inhibitor 1	Srcin1	29.2251	28.9212	48	130.61	323.31	257	0.337153	1
B1AQZ0;B1AQY9;Q	Septin-8	Sept8	29.5353	29.4088	25	55.874	312.21	237	0.423838	1
E9QA63;B1ARU4;E	Microtubule-actin cross-linking factor	Macf1	26.1712	27.0479	25	831.93	68.334	33	0.167717	1
B1AS06;Q3TY61;Q	Disks large-associated protein 3	Dlgap3	26.6749	26.4001	13	104.67	66.92	31	0.446926	1
Q3U8N2;B1ATI9;Q	Growth arrest-specific protein 7	Gas7	25.0065	25.9718	9	40.89	63.017	23	0.31002	1
Q3MIA8;B1ATU4;G	COP9 signalosome complex subunit	Gps1	26.2016	26.3142	10	55.163	41.392	30	0.668274	1
B1ATZ0;B1ATZ1;Q3	Hepatocyte growth factor-regulated tyrosine kinase	Hgs	26.0327	25.6156	12	85.778	52.011	32	0.719143	1
B1AU25;Q9Z0X1;Q	Apoptosis-inducing factor 1, mitochondrial	Aifm1;Pdcd8	25.2837	25.2584	7	66.113	44.046	17	0.840973	1
B1AW58;Q8BW96;	Calcium/calmodulin-dependent protein kinase	Camk1d	25.7151	26.2566	12	42.918	46.813	44	0.124569	1

B1AWD8;B1AWD9; Clathrin light chain A	Clta	29.2984	29.0232	9	25.661	119.9	136	0.506537	1
J7K287;G3F8Y7;Q8 Anion exchange protein;Sodium-dr Slc4a10		24.5457	24.4116	6	122.34	18.937	14	0.759568	1
B1AX58;A0A1C7CY Plastin-3	Pls3	26.3555	26.5187	17	71.745	67.102	61	0.194138	1
B1AXF3;Q14AY1;Q Solute carrier family 24 (sodium/pr Slc24a2		24.8281	24.3052	4	71.802	27.471	16	0.639376	1
B1AZ39;P0C0A3;B1 Charged multivesicular body protei Chmp6		24.5828	24.745	4	23.415	26.137	12	0.904326	1
B1AZ46;Q3UKP6;Q Brain-specific angiogenesis inhibito Baiap2		29.6371	29.8017	28	57.681	323.31	467	0.311085	1
B1B0C7;E9PZ16;QC Basement membrane-specific hep Hspg2		25.6973	23.8594	9	469.02	32.269	12	0.192831	1
B1GX80;B1GX81;Q Non-specific serine/threonine prot Pak3		26.5479	26.5617	14	63.001	49.686	19	0.970804	1
E9QMC2;B2BH30;C Metabotropic glutamate receptor 5 Grm5		24.6116	24.0855	5	128.27	12.457	9	0.683291	1
B2CY77;P14206 40S ribosomal protein SA	Rpsa	27.9786	27.9091	13	32.85	323.31	132	0.750352	1
B2KGP3;Q80TLO Protein phosphatase 1E	Ppm1e	25.5964	25.3902	9	83.418	47.914	18	0.856178	1
B2M1R6;Q3U9Q3;C Heterogeneous nuclear ribonucleo Hnrnpk		30.3869	30.6078	24	48.562	323.31	460	0.11314	1
Q3UWP8;B2MWM Calreticulin	Calr	30.4843	30.7826	23	42.195	323.31	392	0.062909	1
B2RPS1;Q0PD56;P Ras-related protein Rab-5B	Rab5b	26.0958	25.4099	7	23.707	18.931	33	0.495704	1
B7ZN48;B2RQE5;B Syntaxin-binding protein 5-like	Stxbp5l	24.7003	24.9542	5	111.78	8.3963	6	0.818723	1
B2RQQ5;P14873 Microtubule-associated protein 1B Map1b		31.0332	30.7308	75	270.3	323.31	731	0.123746	1
B2RQQ7;Q7TT50 Non-specific serine/threonine prot Cdc42bpb		25.1944	24.1587	4	194.73	15.835	13	0.297376	1
B2RQS1;Q9ERG2 Striatin-3	Strn3	24.5168	23.5312	5	77.731	16.367	7	0.384827	1
B2RQZ6;Q8BWS5 G protein-regulated inducer of neu Gprin3		26.0377	24.9389	7	80.484	19.639	23	0.177167	1
K3W4L0;B2RRE2;E Unconventional myosin-XVIIIa	Myo18a	26.7364	26.5814	20	230.99	112.45	46	0.561819	1
B2RRH9;Q3THK7 GMP synthase [glutamine-hydrolyz Gmps		25.8975	24.1703	8	76.723	69.958	28	0.303896	1
B2RRU7;Q9ESM3 Hyaluronan and proteoglycan link 1 Hapln2		26.6887	26.6505	11	37.925	35.526	69	0.878259	1
Q3UAF7;Q3U5R4;B Actin, cytoplasmic 1;Actin, cytoplas Actb		36.1391	36.0422	31	41.75	323.31	5589	0.667924	1
B2RRX2;P63328 Serine/threonine-protein phosphat Ppp3ca		32.5904	32.388	26	58.643	323.31	1254	0.600697	1
B2RRY8;Q8BGZ1;F2 Hippocalcin-like protein 4	Hpcal4	28.0788	27.8268	15	22.215	196.33	93	0.881677	1
B2RS41;Q8BWF0 Succinate-semialdehyde dehydroge Aldh5a1		30.4796	30.5531	24	55.968	323.31	365	0.6073	1
B2RSH2 Guanine nucleotide-binding protein Gnai1		29.7596	29.6988	22	40.361	323.31	362	0.861448	1
B2RSR7;Q3ULJ0 Glycerol-3-phosphate dehydrogen Gpd1l		26.9738	27.888	17	38.225	94.183	82	0.185015	1
E0CYI9;E9PWI6;B2 GRIP and coiled-coil domain-contai Gcc2		26.4525	27.1666	2	183.01	3.7633	53	0.835635	1
B2RSY3;Q640R3 Hepatocyte cell adhesion molecule Hepacam		26.983	25.4983	7	46.366	45.402	47	0.183344	1
B2RT97;Q9WVJ2;E 26S proteasome non-ATPase reguli Psmd13		25.4592	26.5681	17	42.809	74.455	56	0.009441	1
B2RTM0;P62806;Q Histone H4	Hist2h4;Hist1h4	33.5926	33.6803	13	11.367	195.91	1423	0.802396	1
B2RUC7;Q9Z1Z2 Serine-threonine kinase receptor-a Strap		26.1603	25.4804	12	38.442	48.488	39	0.595433	1

B2RUK5;Q3ULD5;Q Methylcrotonoyl-CoA carboxylase l Mccc2	25.4248	24.9758	10	61.378	29.476	18	0.388864	1
B2RVP5;Q3THW5;F Histone H2A;Histone H2A.V;Histon H2afv;H2afz	25.3761	26.1744	4	13.509	10.711	54	0.703778	1
F8WIX8;Q149V4;B Histone H2A;Histone H2A type 2-C; Hist1h2al;Hist2l	33.1112	33.0813	6	13.607	107.35	671	0.940677	1
Q3UGY4;Q3UGX2;E Spectrin beta chain, erythrocytic Sptb	27.3275	27.3966	48	268.09	126.95	89	0.709271	1
B2RX66;Q5F2E8;Q Serine/threonine-protein kinase TA Taok1	23.1587	24.0732	6	116.05	16.281	9	0.234342	1
B2RXT3;E9Q7L0 Oxoglutarate dehydrogenase-like Ogdhl	29.6543	29.6357	44	114.56	323.31	341	0.874651	1
B2RXY7;P48758 Carbonyl reductase [NADPH] 1 Cbr1	29.7025	29.8405	19	30.641	306.74	381	0.771403	1
B7U582;P17156 Heat shock-related 70 kDa protein Hspa2	26.9639	26.9142	26	69.723	51.899	66	0.915015	1
Q3THI5;Q3U8Y7;Q 26S protease regulatory subunit 6A Psmc3	26.2397	24.8477	11	45.236	39.225	33	0.263328	1
B7ZCU2;B7ZCU5;Q Abl interactor 1 Abi1	27.8316	27.7816	16	43.174	123.12	99	0.932669	1
B7ZN22;Q0P556;B ELMO domain-containing protein 1 Elmod1	24.5436	23.9635	4	31.053	10.094	10	0.408501	1
B7ZNF6;E9QKH8;O Catenin delta-2 Ctnnd2	27.4913	27.0141	26	132.36	139.7	83	0.511585	1
B7ZNJ3;Q6P9K8 Caskin-1 Caskin1	27.0265	26.7357	21	142.67	142.67	56	0.641714	1
B9EJ23;B7ZP42;O Peripheral plasma membrane protein Cask	27.0389	26.6775	16	100.19	50.231	44	0.272569	1
Q545R3;Q3TSR4;B Protein NDRG1 Ndrgr1	27.1592	27.4907	10	43.008	142.61	76	0.694237	1
B9EHJ3;P39447;A Tight junction protein ZO-1 Tjp1	24.0249	24.3804	7	188.85	18.154	10	0.601941	1
B9EHN0;Q02053 Ubiquitin-like modifier-activating enzyme Uba1	31.9585	31.8585	53	117.81	323.31	1399	0.675369	1
B9EHZ5;Q3UN60;Q MAGUK p55 subfamily member 6 Mpp6	27.8174	27.929	21	60.924	103.5	101	0.506803	1
B9EIC7;Q8K0S0 Phytanoyl-CoA hydroxylase-interacting Phyhip	29.1596	29.2496	16	37.554	135.28	328	0.868797	1
B9EIE9;P46664 Adenylosuccinate synthetase isoform Adss	26.0831	25.9106	12	50.02	77.139	31	0.790238	1
B9EJ29;Q80UG2 Plexin-A4 Plxna4	25.1465	24.2906	10	212.23	25.743	31	0.399181	1
B9EJA2;R7RU63;R Cortactin-binding protein 2 Ctnb2	24.9452	25.1752	17	178.77	53.068	24	0.885681	1
B9EKR1;Q9WUT8;A Receptor-type tyrosine-protein phosphatase Ptprz1	28.4224	28.306	12	254.4	67.699	119	0.584618	1
Q543Z1;B9UIT4;P2 Carboxylic ester hydrolase;Acetylcholinesterase Ache	25.635	25.0913	9	68.168	54.496	48	0.496425	1
C7G3P1;P60469;A Liprin-alpha-3 Ppfia3	27.1542	27.3896	29	138.53	99.59	98	0.621501	1
G5E8H1;C9K0Z0;P2 Glutamate receptor 2 Gria2	27.1005	26.9938	20	98.76	129.17	46	0.7944	1
Q3UVR2;C9K0Z6;O Ciliary neurotrophic factor receptor Cntfr	25.9789	26.2555	5	40.85	45.481	25	0.418587	1
C9K0Z7;Q35465 Peptidyl-prolyl cis-trans isomerase Fkbp8	25.1744	25.0619	4	38.412	60.71	20	0.847969	1
D0VYV6 Band 4.1-like protein 3 Ebp4.1l3	31.436	31.333	58	101.42	323.31	787	0.285698	1
F7AAP4;D1FNM8;H Calcium-transporting ATPase Atp2b4	26.1742	26.373	24	128.56	26.114	25	0.553764	1
D2KHZ9;P16858;A Glyceraldehyde-3-phosphate dehydrogenase GAPDH;Gapdh	34.6498	34.4619	25	35.81	323.31	3447	0.612058	1
D3YU12;Q8K2T1;G NmrA-like family domain-containing protein Nmra1	25.7559	25.713	8	33.081	46.057	25	0.947617	1
Q3UEQ1;E9Q9A0;F Type I inositol 3,4-bisphosphate 4-kinase Inpp4a	25.9335	26.2913	12	99.971	55.083	39	0.416187	1

D3YUM1;Q91YT0;E NADH dehydrogenase [ubiquinone]	Ndufv1	30.4359	30.5715	24	49.913	323.31	545	0.393122	1
H3BIV5;D3YVF0 A-kinase anchor protein 5	Akap5	30.285	30.1131	23	80.202	323.31	326	0.495181	1
D3Z519;D3Z2W1;D Diacylglycerol kinase	Dgki	25.5871	23.8969	6	101.33	26.853	7	0.164471	1
D3YWT1;D3Z3N4 Heterogeneous nuclear ribonucleo	Hnrnph3	25.6821	25.5892	7	35.181	20.429	22	0.846551	1
D3YX62;Q544R7;Q Heme oxygenase 2	Hmox2	26.0995	25.9967	8	26.385	37.839	40	0.867641	1
D3YXG2;Q3U2G9;C N-acetyl-D-glucosamine kinase	Nagk	24.1637	24.4755	4	36.198	10.409	13	0.633288	1
D3YYE1;D3Z7M9;O Acidic leucine-rich nuclear phospho	Anp32a	29.3148	29.2915	12	22.954	126.55	105	0.967332	1
F8SLP9;F8SLQ5;F8S PEX5-related protein	Pex5l	24.6817	24.2375	6	63.138	16.583	9	0.23746	1
D3YYK8;E9Q6X0;Q Microtubule-associated protein RP	Mapre2	28.1394	27.7997	14	29.425	151.16	84	0.468234	1
E9Q3B9;D3YYS6;Q Monoglyceride lipase	Mgll	25.1268	26.4476	14	35.256	45.505	48	0.337783	1
D3YYT0;Q8BSI9;Q3 Cadherin-2	Cdh2	25.1324	25.2527	10	93.856	54.039	27	0.939119	1
D3YYV8;Q3TKR5;Q 60S ribosomal protein L5	Rpl5	24.3308	23.5132	5	17.997	13.196	13	0.31159	1
D3YZ62;D3Z4J3;Q9 Unconventional myosin-Va	Myo5a	29.5152	29.6831	63	212.33	323.31	339	0.698583	1
E9Q4Q2;D3YZC9;D Splicing factor 1	Sf1	23.634	24.7121	5	59.698	12.244	12	0.375002	1
Q3US76;F6XC54;D Protein diaphanous homolog 1	Diap1;Diaph1	23.5044	23.8794	4	56.813	9.7387	7	0.545576	1
D3Z2Q2;D3Z079;Q Syntaxin-binding protein 5	Stxbp5	24.8775	25.6349	6	121.71	15.107	8	0.461699	1
D3Z0F5;Q3UIT2;O8 COP9 signalosome complex subuni	Cops6	26.102	26.3253	8	33.591	28.167	39	0.679031	1
D6Q0F3;D3Z0M6;C Cytoplasmic dynein 1 intermediate	Dync1i1	25.4367	25.5182	10	70.675	39.584	40	0.865468	1
D3Z1H9;Q7TMS6;C Glycolipid transfer protein	Gltp	26.7944	25.7537	9	21.535	37.83	46	0.518457	1
D3Z2J6;Q9D710 Thioredoxin-related transmembran	Tmx2	24.2106	25.6438	3	29.591	21.447	18	0.051776	1
D3Z2V6;Q3TPX5;O Ras-related protein M-Ras	Mras	24.4841	24.6165	4	14.735	12.67	14	0.824478	1
D3Z3M7;D3Z2Z1;F CAP-Gly domain-containing linker	Clip1	24.858	24.7611	9	148	25.469	8	0.858487	1
D3Z396;Q8BG33;Q Neurotrimin	Ntm	29.1052	29.4943	10	34.954	124.08	182	0.362656	1
D3Z3B8;Q3UP61;H Disks large homolog 1	Dlg1	27.8628	27.8402	28	91.622	272.88	119	0.961312	1
D3Z440;Q9CZ04;D COP9 signalosome complex subuni	Cops7a	25.6144	25.511	9	25.037	74.254	38	0.924905	1
D3Z5I7;E9QN98;Q Inactive dipeptidyl peptidase 10	Dpp10	26.7964	27.0673	15	89.99	51.271	50	0.347959	1
D3Z5R4;E9Q2D0;P WAS/WASL-interacting protein far	Wipf3	26.087	26.1363	5	45.137	19.739	27	0.921287	1
D3Z645;Q9QZ88;D Vacuolar protein sorting-associated	Vps29	26.8573	26.7422	7	16.137	45.139	56	0.867722	1
E9Q7S0;F7BQW7;D Synaptojanin-1	Synj1	30.7571	30.7417	55	144.59	323.31	713	0.933964	1
D3Z7C6;Q9CRH1;Q Prostaglandin E synthase 3	Ptges3	27.4562	29.1941	6	14.982	72.051	89	0.131378	1
D3Z7E5;Q2NL51 Glycogen synthase kinase-3 alpha	Gsk3a	24.914	24.206	6	51.245	28.8	12	0.305112	1
D3Z7P3;D3Z7P4 Glutaminase kidney isoform, mitoc	Gls	29.7111	29.6751	29	73.963	323.31	354	0.828462	1
D6QSS8;Q9R1V6;A Disintegrin and metalloproteinase	Adam22	27.3282	27.7016	16	99.714	185.94	119	0.541415	1

D9IFT4;Q8CBE6;Q8 Dystroglycan;Alpha-dystroglycan;B Dag1	24.4033	23.7845	2	46.725	4.8316	3	0.433568	1
E0CXB9;Q61301 Catenin alpha-2 Ctnna2	28.4694	28.3374	36	106.73	323.31	175	0.764728	1
E0CXN5;P13707 Glycerol-3-phosphate dehydrogenase Gpd1	26.916	27.544	15	35.231	72.896	75	0.318209	1
E0CY11;Q9CS84;H3 Neurexin-1 Nrxn1	25.8954	25.4296	12	164.19	49.991	26	0.585434	1
E0CYB9;Q6PCP5;F7 Mitochondrial fission factor Mff	25.0302	24.2052	3	35.878	12.311	14	0.423031	1
Q545L9;F7D432;E9 Protein-L-isoaspartate O-methyltransferase Pcmt1	29.1305	29.688	14	24.634	244.72	228	0.193015	1
E0CZ27;P84244;P0 Histone H3;Histone H3.3;Histone H3f3a;H3f3c	33.1246	32.6544	5	13.322	256.02	389	0.513178	1
E0CZ72;P28740;F8 Kinesin-like protein;Kinesin-like protein Kif2a	26.6774	25.4249	18	83.86	104.1	59	0.343287	1
E0CZ78;P48453;E9 Serine/threonine-protein phosphatase Ppp3cb	27.6072	27.5002	18	59.074	51.959	73	0.834665	1
Q3U967;E5Q371;Q Leukocyte surface antigen CD47 Cd47	24.3721	25.615	3	33.097	61.294	29	0.431349	1
E9PU87;F6U8X4;F6 Serine/threonine-protein kinase SII Sik3	24.4975	25.0771	9	150.66	96.638	18	0.582193	1
E9PUC5;F6Z9E6;A0 PH and SEC7 domain-containing protein Psd3	27.8585	27.5259	15	42.299	49.405	61	0.610674	1
E9PUD2 Dynamin-1-like protein Dnm1l	30.2345	30.2326	40	79.532	323.31	516	0.996013	1
E9PUE7;Q5SSL4 Active breakpoint cluster region-receptor Abr	27.3449	27.2748	19	92.486	61.786	57	0.791001	1
E9PUL5 Proline-rich transmembrane protein Prrt2	27.5185	27.807	8	35.923	62.059	88	0.636937	1
E9PUM4;B2RY15;Q Talin-2 Tln2	26.9592	27.3895	40	271.66	226.36	96	0.661187	1
E9Q171;E9PW06;Q MKIAA0756 protein Nfasc	25.0875	25.1373	41	130.24	4.7361	10	0.969566	1
Q3TF41;Q8BSH9;E9 Nucleosome assembly protein 1-like Nap1l1	27.1384	27.705	9	42.732	55.167	46	0.141776	1
Q3TT92;E9PWE8;Q Dihydropyrimidinase-related protein Dpysl3	28.4292	28.3933	24	61.779	162.46	122	0.774693	1
Q91ZE6;E9PX29;Q Spectrin beta chain Sptbn4	24.4071	25.2235	13	288.13	25.015	12	0.343343	1
E9PYD3;E9PXG9;Q Vacuolar protein sorting-associated protein Vps53	24.6879	24.8765	3	62.232	56.002	14	0.612319	1
F8VPX1;E9PXY8;Q6 Ubiquitin carboxyl-terminal hydrolase Usp7	26.5628	26.7094	11	128.47	38.708	32	0.900341	1
E9PY16;Q8BVR8;Q ArfGAP with dual PH domains 1 Adap1	25.2474	26.0932	11	43.37	56.769	41	0.548988	1
E9QMK2;E9PYH0;C Versican core protein Vcan	27.9566	27.671	12	178.5	110.02	144	0.288327	1
E9PYH2;Q91V12 Cytosolic acyl coenzyme A thioesterase Acot7	29.5875	29.4906	12	42.826	143.28	372	0.685962	1
Q80UN0;E9PYI8;Q Ubiquitin carboxyl-terminal hydrolase Usp14	26.518	26.1537	12	52.233	49.948	50	0.325797	1
E9PYJ7;Q6ZPQ6;Q Membrane-associated phosphatidyltransferase Pitpnm2	23.4798	23.4563	4	147.62	11.425	8	0.966079	1
E9PYL9;Q9CXW4;Q 60S ribosomal protein L11 Gm10036;Rpl11	25.8718	24.8941	5	20.266	17.834	64	0.28847	1
Q1WIL9;E9PYN1;Q Cell adhesion molecule 1 Cadm1	27.0028	26.8619	11	46.875	126.8	83	0.641935	1
E9PZF0;Q5NC79;Q Nucleoside diphosphate kinase;Nucleoside diphosphate kinase Gm20390;Nme1	26.8115	27.2159	16	30.2	34.143	87	0.838668	1
E9Q5H2;E9PZF5;Q Acidic leucine-rich nuclear phosphoprotein Anp32e	23.1221	24.5492	2	12.078	9.8436	2	0.065467	1
Q3UHE7;F8WGN6;I Kinesin-like protein;Kinesin-like protein Kif21a	27.2925	27.261	22	181.4	185.5	81	0.883687	1
E9Q0N0;Q9Z0R4;E9 Intersectin-1 Itsn1	24.7183	25.1469	7	194.89	50.794	9	0.580143	1

E9Q1G8;Q8C2A3;E Septin-7	Sept7	31.2121	31.2924	24	50.648	323.31	745	0.587331	1	
E9Q1W0;E9Q1T1;C Calcium/calmodulin-dependent protein kinase 2-beta	Camk2d	27.0192	27.0548	22	57.748	149.89	53	0.835865	1	
Q8C2G0;E9Q2A6;K Protein-tyrosine kinase 2-beta	Ptk2b	26.0156	26.0895	18	111.13	48.791	28	0.751774	1	
E9Q2E4	HECT domain E3 ubiquitin protein ligase 1	Gm15800	28.0207	27.5501	3	484.12	6.3496	30	0.886004	1
E9Q2X2;Q6P9K9;Q Neurexin-3	Nrxn3;mKIAA07	26.4399	26.3523	16	153.62	53.674	36	0.778951	1	
Q6NZM3;E9Q3M3; Dynactin subunit 1	Dctn1	29.2399	29.1252	41	139.78	323.31	229	0.486688	1	
E9Q3M9;F7B0R9;Q 2010300C02Rik protein	2010300C02Rik	26.9288	25.9613	18	125.91	66.488	31	0.132279	1	
E9Q3Q6;E9Q4G8;C CD166 antigen	Alcam	28.8403	28.6598	21	63.668	159.01	191	0.670226	1	
H7BX15;E9Q9Q9;E Latrophilin-1	Adgrl1;Lphn1	25.7474	26.8048	9	162.28	47.063	13	0.379733	1	
E9Q3W4;Q6S390;C Plectin	Plec	30.0961	29.9652	129	499.1	323.31	449	0.287429	1	
E9Q4D5;Q8VEL9	GTP-binding protein REM 2	Rem2	24.8076	25.0475	4	37.397	16.042	18	0.541872	1
Q19VH2;E9Q4K0;Q Actin-binding LIM protein 2	Ablim2	26.0387	26.5904	10	73.589	51.233	33	0.137599	1	
E9Q4M4;Q9DA45;C MICOS complex subunit Mic25	Chchd6	27.7499	27.761	11	26.388	55.926	67	0.990168	1	
E9Q6P5	Tetratricopeptide repeat protein 7	Ttc7b	25.4871	25.5587	12	94.202	30.643	26	0.839043	1
E9Q769;Q9D8B7	Junctional adhesion molecule C	Jam3	23.2166	23.9035	3	24.032	6.9267	11	0.389969	1
Q5UE59;E9Q7C9;Q Kinesin light chain 1	Klc1	26.6781	26.755	16	61.629	225.58	64	0.370966	1	
E9Q7U2;Q8CGU1	Calcium-binding and coiled-coil domain protein 1	Calcoco1	24.2512	24.8351	6	70.932	31.984	10	0.580941	1
E9Q8N5;Q08EB6;Q CLIP-associating protein 2	Clasp2	26.3654	26.2431	24	140.72	105.67	50	0.902445	1	
Q3TU36;E9Q912;Q3TA69;Q3TPS9;Q3TLU4	Rap1gds1	30.402	30.2801	33	66.005	323.31	544	0.522659	1	
E9Q933;Q8BK08;Z4 Transmembrane protein 11, mitochondrial	Tmem11	23.158	23.6151	2	19.808	6.1599	12	0.396659	1	
E9QAQ3;Q6ZQ82;F Rho GTPase-activating protein 26	Arhgap26	24.6034	23.1881	3	85.951	6.546	4	0.08169	1	
Q5KU03;E9QAQ5;C Glycogen synthase kinase-3 beta	Gsk3b	28.1203	28.2475	13	46.71	74.578	58	0.778514	1	
Q5M8Q0;Q3U7D2; Ribosomal protein L15;60S ribosomal protein L15	Rpl15;Gm1002C	24.4026	24.9181	7	24.146	63.243	23	0.645746	1	
E9QB02;Q68FL6	Methionine--tRNA ligase, cytoplasmic	Mars	23.9944	24.3818	8	102.37	22.686	10	0.510834	1
E9QK62;Q8CHT1	Ephexin-1	Ngef	27.4797	27.6273	19	82.208	241.55	88	0.36677	1
Q3TPI3;Q3UHH4;Q Tripartite motif-containing protein 2	Trim2	27.1773	27.0316	16	81.426	176.16	59	0.254815	1	
E9QLA5;Q0GNC1	Inverted formin-2	Inf2	27.0854	25.9328	10	138.36	89.824	25	0.3202	1
E9QLL2;Q8BZ98;Q8 Dynamin-3	Dnm3	28.9794	29.0189	45	97.272	323.31	258	0.921706	1	
E9QM38;P55012	Solute carrier family 12 member 2	Slc12a2	24.4211	24.3737	6	130.67	21.301	9	0.959497	1
E9QMY1;Q80VX2;C OX-2 membrane glycoprotein	Cd200	26.1857	25.0847	7	30.292	43.045	35	0.554889	1	
E9QN08;Q80T06;P! Elongation factor 1-delta	Eef1d	25.6239	25.3665	6	27.217	34.983	35	0.875214	1	
E9QNF7;Q9CPW0	Contactin-associated protein-like 2	Cntnap2	25.4234	26.9494	16	148.25	55.316	34	0.311101	1
G5E8R3;Q3TCQ3;E! Pyruvate carboxylase;Pyruvate carboxylase	Pcx;Pc	29.9264	29.8266	46	129.7	323.31	379	0.624149	1	

Q923F9;E9QPX3;Q: NADH dehydrogenase [ubiquinone]	Ndufs4	27.8128	27.5769	8	18.518	38.622	97	0.77055	1
F6QL70;Q5M8M8;I 60S ribosomal protein L29	Gm17669;Rpl29	25.9274	24.7312	4	16.966	8.2645	15	0.59849	1
F6RJV6;Q9JJK2 LanC-like protein 2	Lanc12	26.946	26.5802	14	49.742	87.986	81	0.276606	1
F6RPJ9;Q8CGB9;Q: Insulin-degrading enzyme	Ide	24.3442	23.6848	5	114.15	9.7582	6	0.362447	1
F6RT34;F7A0B0;F6: Myelin basic protein	Mbp	36.4464	35.9607	16	23.086	311.84	3601	0.378007	1
F6SEU4;A0A0A6YV: Ras/Rap GTPase-activating protein	Syngap1	29.4479	29.524	46	148.24	323.31	313	0.815946	1
F6SFF5;Q8K1Z0 Ubiquinone biosynthesis protein C	Coq9	25.1304	25.7774	5	30.282	26.27	34	0.514177	1
F6VQ81;Q8BKP1;A: Tumor protein D54	Tpd52l2	25.4268	26.1674	8	17.619	44.149	35	0.381255	1
F6X0V1;Q8BRR9;Q: Calcium/calmodulin-dependent 3,5	Pde1a	24.5574	24.1053	8	54.45	18.39	17	0.717321	1
Q561N5;F6YVP7;P: 40S ribosomal protein S18	Rps18;Gm1026l	27.0522	27.5364	12	17.718	39.693	111	0.460255	1
S4R1E5;Q3TI34;Q5: Glutathione peroxidase;Phospholip	Gpx4;PHGPx	24.7339	26.2996	6	17.937	20.916	55	0.19968	1
F7ARZ1;Q3THH3;Q 28S ribosomal protein S23, mitoch	Mrps23	23.9234	24.0468	2	13.295	3.8462	7	0.888327	1
Q8C0B4;F7BNZ5;Q: Breast carcinoma-amplified sequer	Bcas1	26.8232	26.8912	7	40.541	53.327	39	0.902816	1
F7D5L2;Q99J09 Methylosome protein 50	Wdr77	23.0819	23.5379	3	18.128	9.1617	4	0.373353	1
F8VQE9;Q8VHH5;A Arf-GAP with GTPase, ANK repeat	Agap3	25.8614	25.6692	10	97.694	44.119	30	0.53144	1
F8WGG3;Q8R038;C UPF0160 protein MYG1, mitochon	Myg1	24.3026	23.18	4	36.549	8.7337	7	0.065313	1
Q3UHH0;Q3UHH3;F Calcium-transporting ATPase;Plasn	Atp2b2	29.4885	29.6194	44	132.1	323.31	286	0.871522	1
F8WHQ1;D3Z637;E Tumor protein D52	Tpd52	26.5001	27.457	9	26.927	98.336	37	0.374054	1
F8WHW6;O70161 Phosphatidylinositol 4-phosphate	Pip5k1c	28.3149	28.233	20	75.515	237.58	131	0.794412	1
Q3U7I9;F8WIR1;Q: Cathepsin D	Ctsd	24.628	24.7607	10	44.314	31.766	27	0.893452	1
H7BXB9;F8WIU1;Q UPF0687 protein C20orf27 homolo	1700037H04Rik	24.9074	26.3815	4	15.773	15.905	19	0.311341	1
F8WJK8;Q3U9V1;Q Hsc70-interacting protein	St13	28.2327	28.108	11	40.538	112.86	131	0.788505	1
G3UXM5;G3FEZ6;G Serine/threonine-protein kinase	Brsk2	24.736	24.9699	9	68.714	24.1	13	0.634992	1
G3UX26;Q60930;D Voltage-dependent anion-selective	Vdac2	31.6099	31.6667	13	30.446	323.31	941	0.887221	1
Q3TI27;G3UXL2;Q9 Ribose-phosphate pyrophosphokin	Prps1;Prps1l3	27.4205	27.6217	11	34.865	87.359	121	0.689449	1
G3UXT7;Q8CFQ9;Q RNA-binding protein FUS	Fus	27.4941	27.4639	10	13.897	77.927	71	0.955365	1
G3UXY0;G3X9K9;G Proteasome activator complex sub	Psme1	23.9248	24.4548	4	26.092	23.724	12	0.654334	1
G3UZM4;Q8BLQ9 Cell adhesion molecule 2	Cadm2	29.8001	29.8038	14	47.345	265.93	222	0.991872	1
Q9CQG4;Q921E4;C Receptor expression-enhancing pr	Reep5	27.6424	27.8731	6	21.086	25.727	48	0.798758	1
Q3V222;Q80U83;Q SEC24 related gene family, membe	Sec24c	24.4389	24.3795	7	89.316	43.498	11	0.843009	1
G3X9G2;Q9JM52;F Misshapen-like kinase 1	Mink1	27.4722	27.4494	16	151.22	46.845	54	0.970405	1
Q8BXB3;Q68FLO;G: Sodium/calcium exchanger 1	Slc8a1	24.7209	25.3906	6	79.093	14.791	9	0.606828	1
G3X9L6;Q9DCX2;B: ATP synthase subunit d, mitochon	Gm10250;Atp5l	31.2819	31.3075	12	18.621	257.15	476	0.956305	1

G3XA25;Q8CAY6;Q Acetyl-CoA acetyltransferase, cyto: Acat2;Acat3	26.6798	27.0033	10	38.147	127.85	86	0.641147	1
Q3UVV3;G3XA53;C Oligodendrocyte-myelin glycoprotein Omg	29.0981	28.9984	9	49.283	309.4	170	0.659545	1
G3XA66;Q8R5C0;F Metaxin-1 Mtx1	25.7977	25.3196	10	33.48	31.592	26	0.560441	1
G5E814;Q9D8B4 NADH dehydrogenase [ubiquinone Ndufa11	24.2808	24.0799	4	15.115	18.86	30	0.889938	1
G5E829;Q8K314 Plasma membrane calcium-transp Atp2b1	30.6931	31.0191	48	134.75	323.31	760	0.724721	1
G5E850;Q544Z9;P5 Cytochrome b5 Cyb5a	26.455	26.9664	5	11.142	26.954	67	0.339211	1
G5E884;O88643 Non-specific serine/threonine prot Pak1	28.9496	29.0235	23	60.607	298.04	186	0.534632	1
Q8BIV6;G5E895;D3 Aldose reductase-related protein 2 Akr1b10;Akr1b8	26.3947	26.6018	7	35.848	20.535	26	0.680897	1
G5E8R0;E9Q453;G5E8R1;E9Q455;G5E8R2;E9Q456 Tpm1	28.3713	28.3104	23	28.343	106.89	142	0.887902	1
G5E924;Q3UMT7 Heterogeneous nuclear ribonucleo Hnrnpl	28.3712	28.4302	24	66.821	236.23	140	0.920485	1
H3BJU7;H3BJX8;H3 Rho guanine nucleotide exchange f Arhgef2	26.5833	26.5936	22	108.59	90.381	34	0.97851	1
H3BKQ7;Q7TSA7;H Protein phosphatase 1, regulatory Ppp1r9a	28.6783	28.4784	24	107.17	288.41	148	0.460221	1
H3BJZ7;Q4KUS2;Q Protein unc-13 homolog A;Protein Unc13a;mKIAA4	23.354	24.2248	4	195.83	13.42	10	0.044201	1
H3BKH6;Q9R0P3;H S-formylglutathione hydrolase Esd	28.9277	29.109	13	32.829	231.09	165	0.366068	1
Q3TPT3;H6RXZ1;P4 Synaptotagmin-1 Syt1	31.0332	31.2403	25	47.435	323.31	832	0.415624	1
H7BX95;Q6PDM2 Serine/arginine-rich splicing factor Srsf1	26.4342	26.4395	9	28.329	37.454	50	0.993586	1
I1E4X7;Q9JI46;H3B Diphosphoinositol polyphosphate p Nudt3	27.6477	27.6428	6	17.828	47.518	87	0.994327	1
J3QJV7;O35551 Rab GTPase-binding effector protein Rabep1	27.6659	27.2821	12	89.827	63.795	16	0.383305	1
J3QMM7;K3W4M4 ATP-dependent (S)-NAD(P)H-hydra Carkd	26.8766	27.0766	11	35.169	55.744	71	0.383831	1
Q3UBP0;J3QN31;P Adenylosuccinate synthetase isozy Adssl1	24.3892	24.8254	8	50.254	20.259	16	0.659044	1
J3QNU6;Q8BWG8 Beta-arrestin-1 Arrb1	25.2284	26.1542	5	47.106	38.953	18	0.195536	1
K3W4Q8;O55108;C Basigin Bsg	26.7997	26.6299	8	24.116	62.103	48	0.306795	1
Q6NXX6;K3W4T3;C V-type proton ATPase subunit a;V- Atp6v0a1	30.1087	30.3788	31	95.64	323.31	635	0.753639	1
K4DI58;Q99N28 Cell adhesion molecule 3 Cadm3	29.5583	29.3514	14	46.692	323.31	204	0.685179	1
Q9D859;K7Q7T7;P Ras-related C3 botulinum toxin sub Rac1	31.2796	31.264	11	21.464	193.79	581	0.968741	1
N0E4C0;P67871;N Casein kinase II subunit beta Csnk2b;Csnk2b-	26.1542	27.1997	5	24.912	44.575	49	0.086565	1
Q3U8S5;O08529;Q Calpain-2 catalytic subunit Capn2	25.3473	26.1342	13	79.873	55.439	33	0.439679	1
O08539;Q6P1B9 Myc box-dependent-interacting protein Bin1	30.3437	30.3913	26	64.469	322.53	332	0.832476	1
O08553 Dihydropyrimidinase-related protein Dpysl2	35.0421	35.0338	37	62.277	323.31	4364	0.941433	1
O08583 THO complex subunit 4 Alyref	24.7705	24.9797	5	26.94	23.071	16	0.822325	1
O08599 Syntaxin-binding protein 1 Stxbp1	33.4618	33.3979	56	67.568	323.31	2814	0.699825	1
O08749;Q3TIE8 Dihydrolipoyl dehydrogenase, mitochondrial Dld	31.0737	31.1705	24	54.272	323.31	703	0.736073	1
Q5DTH1;O08759 Ubiquitin-protein ligase E3A Ube3a	23.9521	24.6746	9	103.34	23.468	10	0.544349	1

Q3U518;Q3TWG2;Glucosidase 2 subunit beta	Prkcsh	25.8438	26.1427	10	58.792	52.677	34	0.744661	1
Q540I4;O08917;Q3 Flotillin-1	Flot1	27.2923	27.4502	19	47.513	135.54	72	0.152249	1
Q3UH86;O08919 Numb-like protein	Numb1	25.8967	24.4527	8	60.079	27.714	19	0.080901	1
Q6RI64;O09061 Proteasome subunit beta type;Pro	Psmb1	27.9621	28.4195	10	26.372	80.496	103	0.405583	1
Q4VBC9;O09111 NADH dehydrogenase [ubiquinone	Ndufb11	27.3527	26.0756	4	17.485	10.259	27	0.416432	1
O09131 Glutathione S-transferase omega-1	Gsto1	25.3506	24.9781	8	27.497	24.404	33	0.7928	1
O35127 Protein C10	Grcc10	23.3309	22.8417	1	13.194	8.5074	3	0.734274	1
Q3V235;O35129;F6 Prohibitin-2	Phb2	30.1335	30.138	16	33.296	279.16	401	0.981128	1
O35136 Neural cell adhesion molecule 2	Ncam2	27.1018	26.8644	13	93.203	57.557	35	0.266038	1
Q3UNI8;O35215;G3 D-dopachrome decarboxylase	Ddt;Gm20441	27.3965	27.4723	7	13.077	136.92	106	0.943123	1
Q9CY29;Q3ULG4;O 26S proteasome non-ATPase regul	Psmc4	25.5371	25.6186	5	40.042	24.265	18	0.907894	1
Q3UKJ6;Q3TFE5;O3 Pre-mRNA-splicing factor ATP-depe	Dhx15	24.536	24.656	10	91.006	28.38	14	0.919424	1
O35295 Transcriptional activator protein P1	Purb	27.3011	27.54	9	33.901	86.752	58	0.25856	1
O35405 Phospholipase D3	Pld3	26.7563	26.5273	7	54.388	24.111	32	0.817128	1
O35459;F7B227 Delta(3,5)-Delta(2,4)-dienoyl-CoA i	Ech1	24.8998	24.6003	4	36.118	11.982	8	0.684081	1
Q5D0A4;Q497P1;O Syntaxin-1A	Stx1a	30.6545	30.6175	19	32.923	323.31	542	0.896401	1
Q9CSU2;O35593 26S proteasome non-ATPase regul	Psmc14	24.1853	25.933	5	28.772	20.837	23	0.109374	1
Q545Q8;O35621;Q Phosphomannomutase;Phosphom	Pmm1	24.8876	25.8974	8	29.774	37.367	31	0.42565	1
Q49S98;O35633 Vesicular inhibitory amino acid trar	Slc32a1	27.2931	27.1545	13	57.38	63.133	71	0.874605	1
Q8C1X9;Q3U737;Q Annexin;Annexin A3	Anxa3	24.0751	23.743	2	36.356	4.5746	13	0.101739	1
O35685 Nuclear migration protein nudC	Nudc	26.6605	25.9572	12	38.358	48.787	42	0.547944	1
Q811L7;Q8C2Q7;O Heterogeneous nuclear ribonucleo	Hnrnph1	28.9934	29.088	11	49.199	261.05	200	0.331612	1
O35864;Q3V0K7 COP9 signalosome complex subuni	Cops5	26.1132	26.0042	9	37.548	23.842	43	0.873886	1
O35954 Membrane-associated phosphatidyl	Pitpnm1	25.4241	25.485	11	134.94	33.383	31	0.871161	1
O54774;Q3U237;Q AP-3 complex subunit delta-1	Ap3d1	26.9352	26.9701	16	135.08	56.013	51	0.901866	1
Q3UUR0;O54828;A Regulator of G-protein signaling 9	Rgs9	24.0477	24.5351	6	56.94	45.974	15	0.55288	1
Q8BPF9;Q545V8;O Casein kinase II subunit alpha	Csnk2a2	24.1449	25.5644	11	41.171	24.734	19	0.121354	1
Q3UTI4;Q80YP4;O5 Guanylate cyclase soluble subunit l	Gucy1b3	25.4791	25.5722	14	69.005	39.689	42	0.875537	1
Q3UPX0;O54983 Ketimine reductase mu-crystallin	Crym	30.8534	30.7451	14	33.523	323.31	494	0.811456	1
O54984;Q8VEI6;Q8 ATPase Asna1	Asna1	25.9613	26.2507	7	38.822	28.273	51	0.441962	1
O54991;Q3U428 Contactin-associated protein 1	Cntnap1	28.3672	28.3228	23	156.31	115.21	138	0.888151	1
Q3U9K9;O55013 Trafficking protein particle comple	Trappc3	24.7788	24.7672	4	20.302	10.52	28	0.99189	1
Q3TFP8;Q3TXU8;Q Membrane-associated progesteror	Pgrmc1	28.5281	28.7443	11	19.746	71.872	149	0.594918	1

O55042	Alpha-synuclein	Snca	31.798	32.528	10	14.485	307.14	485	0.553657	1
Q3U6D7;O55100	Synaptogyrin-1	Syngn1	27.3244	27.4407	3	21.294	34.729	99	0.839617	1
O55106;F8WH41;C	Striatin	Strn	28.0009	27.8755	19	85.965	174.73	123	0.498699	1
Q5SVF7;O55125;Q	Protein NipSnap homolog 1	Nipsnap1	29.4588	29.8161	17	33.363	323.31	306	0.45427	1
Q99L15;Q6P2K2;O	Acyl-coenzyme A thioesterase 1;Ac Acot1;Acot2		24.2508	24.6271	3	46.248	6.2701	8	0.429938	1
Q5DTI2;O55143;O	Sarcoplasmic/endoplasmic reticulum Atp2a2		30.0394	30.1917	41	116.6	323.31	474	0.872425	1
O55234	Proteasome subunit beta type-5	Psmb5	27.6074	28.889	13	28.532	109.38	135	0.048165	1
Q9CZS7;Q544E3;O	Phosphatidylinositol 5-phosphate 4-kinase type II alpha	Pip4k2a	25.5671	24.5996	9	46.09	11.455	19	0.356691	1
O70274;Q3UXF9;B	Protein tyrosine phosphatase type 4a2	Ptp4a2;Ptp4a1	23.9785	24.3074	3	19.127	6.9628	8	0.449626	1
Q9DCD8;Q58EV4;C	Proteasome subunit alpha type;Prc	Psma3	27.8222	28.1396	11	28.49	77.121	123	0.391215	1
Q8BH40;O70439;Q	Syntaxin-7	Stx7	25.1156	25.8897	6	29.736	34.612	31	0.406225	1
Q542R8;O70443;Q	Guanine nucleotide-binding protein gamma-1	Gnaz	27.4599	27.4845	14	40.849	143.27	122	0.91389	1
O70569;P62264;D	40S ribosomal protein S14	rps14;Rps14	27.1079	26.9646	9	16.301	47.848	69	0.771124	1
Q3TJY2;O88342;Q	WD repeat-containing protein 1	Wdr1	29.6083	29.8437	23	66.406	290.95	276	0.114947	1
Q3TI40;O88441;Q	Metaxin-2	Mtx2	24.5456	26.0422	8	29.786	80.44	54	0.243993	1
Q3TEL0;Q3UB92;Q	Palmitoyl-protein thioesterase 1	Ppt1	25.9718	25.8995	10	34.154	64.029	59	0.959599	1
Q5SUV8;O88533	Aromatic-L-amino-acid decarboxylase	Ddc	27.7025	27.6208	15	53.873	139.03	97	0.866135	1
Q14AI7;O88544;Q	COP9 signalosome complex subunit 4	Cops4	27.4793	27.3779	22	46.284	186.3	103	0.591348	1
O88569;B7ZP22;A	Heterogeneous nuclear ribonucleoprotein B2	Hnrnpa2b1	31.5685	31.7203	28	37.402	323.31	690	0.454306	1
O88737	Protein bassoon	Bsn	30.1385	30.1744	88	418.84	323.31	414	0.813263	1
Q3UEX4;O88741;Q	Ganglioside-induced differentiation factor	Gdap1	23.8435	24.3844	5	41.284	26.615	15	0.552193	1
Q561M4;Q3UDC3;Q	Target of Myb protein 1	Tom1	25.5562	24.9047	9	54.325	51.653	19	0.637474	1
Q5HZJ8;Q8C338;O	Isocitrate dehydrogenase [NADP];beta	Idh1	28.556	28.3409	18	46.674	133.93	189	0.728923	1
O88935	Synapsin-1	Syn1	33.3716	33.3684	35	74.096	323.31	2391	0.987207	1
O88951	Protein lin-7 homolog B	Lin7b	23.3028	25.0623	8	22.914	18.154	15	0.024241	1
Q3TTY6;Q3UX93;O	Protein lin-7 homolog C	Lin7c	23.9209	24.4872	6	21.447	15.984	14	0.415158	1
O88958;Q6A0D9;Q	Glucosamine-6-phosphate isomerase	Gnpda1	24.3744	25.3265	8	32.549	22.533	24	0.377161	1
Q8BNF3;Q3U2Z6;Q	Tripeptidyl-peptidase 1	Tpp1	25.1379	26.5991	5	34.522	53.634	25	0.058677	1
Q3U232;Q3U1N0;C	Coronin;Coronin-1A	Coro1a	29.8829	30.0389	18	50.959	323.31	251	0.656179	1
O89112;B2KGR2	LanC-like protein 1	Lancl1	26.6995	26.7377	10	45.341	92.432	87	0.87706	1
Q99KF5;P00493	Hypoxanthine-guanine phosphoribosyltransferase	Hprt;Hprt1	28.6269	29.4792	13	24.544	69.265	227	0.056977	1
P00920;A0A0A6YX	Carbonic anhydrase 2	Ca2;Car2	31.8689	31.9488	14	29.032	305.81	673	0.780533	1
Q53YX2;P01831	Thy-1 membrane glycoprotein	Thy1	33.2177	32.9142	6	18.108	201.71	930	0.435581	1

P03995	Glial fibrillary acidic protein	Gfap	30.4583	30.4451	32	49.899	323.31	425	0.978297	1
Q9QYT9;Q4FJQ7;Q	Major prion protein	Prnpb;Prnp	27.5729	27.4255	5	28.009	34.042	48	0.789188	1
P05063	Fructose-bisphosphate aldolase C	Aldoc	31.4436	31.6362	34	39.394	323.31	1175	0.268899	1
Q5FWB7;P05064;A	Fructose-bisphosphate aldolase;Fru	Aldoa;Aldoart1	34.5415	34.6701	38	39.355	323.31	2969	0.519529	1
P05132	cAMP-dependent protein kinase ca	Prkaca	26.3715	25.9553	20	40.57	44.882	45	0.154413	1
P05201	Aspartate aminotransferase, cytop	Got1	32.5902	32.6021	30	46.247	323.31	1914	0.954689	1
P05202	Aspartate aminotransferase, mitoc	Got2	33.3735	33.4226	36	47.411	323.31	2378	0.711268	1
P05213;Q99KA2	Tubulin alpha-1B chain	Tuba1b	36.0438	36.056	35	50.151	323.31	7981	0.929951	1
Q564E2;P06151;Q5	L-lactate dehydrogenase;L-lactate d	Ldha	32.195	32.1116	26	36.498	323.31	1107	0.800817	1
P06745;B2RXT5;B7	Glucose-6-phosphate isomerase	Gpi;Gpi1	32.5677	32.4964	32	62.766	323.31	1392	0.484945	1
Q3TQP6;P06801;Q5	Malic enzyme;NADP-dependent m	Me1	24.6631	24.9044	7	61.48	68.318	13	0.378486	1
P06837	Neuromodulin	Gap43	31.0161	31.3997	17	23.632	323.31	296	0.135374	1
Q546G4;P07724	Serum albumin	Alb	31.7481	31.6095	46	68.692	323.31	1212	0.675941	1
Q80Y52;P07901;Q5	Heat shock protein HSP 90-alpha	Hsp90aa1	32.7726	32.7212	58	84.787	323.31	2173	0.838689	1
Q91V38;Q3UAD6;P	Endoplasmic reticulum chaperonin	Hsp90b1	29.6768	29.5534	37	92.489	323.31	298	0.713501	1
Q6GTX3;Q4FK40;Q	Apolipoprotein E	ApoE	28.966	28.8382	17	35.852	228.52	193	0.73076	1
P08228	Superoxide dismutase [Cu-Zn]	Sod1	31.4104	31.0342	9	15.942	87.826	339	0.56199	1
P08249	Malate dehydrogenase, mitochond	Mdh2	34.1893	34.0447	22	35.611	323.31	2692	0.509107	1
Q8BGR3;P08414	Calcium/calmodulin-dependent pro	Camk4	28.5183	28.0361	16	52.542	103.41	131	0.460518	1
Q05DD2;P08551	Neurofilament light polypeptide	Nefl	32.3936	32.2353	41	57.825	323.31	1221	0.43447	1
P08752;A0A0A6YV	Guanine nucleotide-binding protein	Gnai2	27.758	27.5533	20	40.489	133.1	117	0.531433	1
Q3UDR2;Q3URP6;C	Protein disulfide-isomerase	P4hb	28.9974	29.137	27	56.6	219.27	186	0.619618	1
Q8CD23;Q3TL52;P	Nucleolin	Ncl	27.9361	27.9125	19	76.864	191.08	176	0.964705	1
P09411;S4R2M7	Phosphoglycerate kinase 1;Phosph	Pgk1	32.8081	32.7223	34	44.55	323.31	1571	0.734198	1
P09528	Ferritin heavy chain;Ferritin heavy	Fth1	29.9581	30.0779	13	21.066	153.09	312	0.632719	1
Q4FJX9;P09671;Q3	Superoxide dismutase;Superoxide d	Sod2	31.2598	31.3815	12	24.603	241.71	416	0.811878	1
P0C028;P0C027;Q4	Diphosphoinositol polyphosphate t	Nudt11;Nudt10	24.6745	25.0516	5	18.593	30.744	21	0.800238	1
P0DN34	NADH dehydrogenase [ubiquinone	Ndubf11	24.5392	25.6004	2	6.954	7.5496	25	0.585948	1
Q58E64;Q3UA81;P	Elongation factor 1-alpha;Elongat	Eef1a1	32.2787	32.4254	22	50.113	323.31	1025	0.626324	1
Q9DD05;P10518	Delta-aminolevulinic acid dehydrat	Alad	24.748	24.9331	7	36.039	17.91	14	0.865572	1
Q3TVS6;P10605;Q5	Cathepsin B;Cathepsin B light chain	Ctsb	27.0977	27.2815	10	37.319	82.694	84	0.862431	1
Q52KC1;P10630;Q5	Eukaryotic initiation factor 4A-II;Eu	Eif4a2	29.2171	29.2197	19	46.402	223.19	242	0.972233	1
P10639	Thioredoxin	Txn	26.4682	27.8305	2	11.675	11.07	42	0.361974	1

P10649;A2AE89;F6	Glutathione S-transferase Mu 1	Gstm1	32.19	32.1996	21	25.97	276.61	939	0.979162	1
P10852;Q3TN39;Q14F2	cell-surface antigen heavy chain	Slc3a2	29.3119	29.2358	19	58.336	323.31	306	0.761979	1
Q8C1Y3;Q3U4Y0;P1	Histone H1.0;Histone H1.0, N-term	H1f0	26.699	27.0938	6	19.253	25.43	56	0.706294	1
P11031	Activated RNA polymerase II transcription factor	Sub1	26.7893	27.721	5	14.427	12.239	44	0.2908	1
P11352;A0A0A6YY1	Glutathione peroxidase 1;Glutathione peroxidase	Gpx1	25.7811	25.8389	8	22.329	38.834	59	0.957235	1
Q71LX8;P11499	Heat shock protein HSP 90-beta	Hsp90ab1	32.1344	32.0754	55	83.28	323.31	1305	0.785319	1
P11798;Q80TN1;F8	Calcium/calmodulin-dependent protein kinase	Camk2a	32.8623	32.9451	29	54.114	323.31	1806	0.119353	1
P11881	Inositol 1,4,5-trisphosphate receptor	Itpr1	26.818	27.3917	29	313.16	77.59	60	0.451299	1
P11983	T-complex protein 1 subunit alpha	Tcp1	29.905	29.8979	23	60.448	213.87	250	0.982831	1
Q6GR78;Q53ZT3;P1	Amyloid beta A4 protein;N-APP;Sol	App	28.8772	28.6866	19	78.442	138.35	106	0.433179	1
P12382;Q8CD98	ATP-dependent 6-phosphofructokinase	Pfkl	29.0942	29.267	27	85.359	323.31	260	0.572624	1
P12658;Q8CEF3;Q8	Calbindin	Calb1	29.5422	29.845	16	29.994	323.31	200	0.667544	1
P12787	Cytochrome c oxidase subunit 5A, mitochondrial	Cox5a	27.0665	26.5506	7	16.101	76.073	82	0.846053	1
P12815;Q8C5M4;Q1	Programmed cell death protein 6	Pdcd6	25.323	24.6084	7	21.867	20.73	47	0.614829	1
P12960	Contactin-1	Cntn1	31.5337	31.4923	46	113.39	323.31	867	0.71088	1
Q6P1A9;Q5EBG5;Q1	60S ribosomal protein L7a	Rpl7a	26.6435	26.9216	9	30.024	27.12	57	0.717619	1
P13595;E9Q589;AC	Neural cell adhesion molecule 1	Ncam1	28.9541	28.115	33	119.43	20.73	47	0.301888	1
Q545P0;Q3TSQ1;P1	Sodium/potassium-transporting ATPase	Atp1b1	32.7837	32.7293	18	35.194	323.31	1054	0.827872	1
P14115	60S ribosomal protein L27a	Rpl27a	25.7187	25.2261	4	16.605	25.557	57	0.729083	1
Q5M9N8;Q3UBI6;F1	60S ribosomal protein L7	Rpl7	23.9856	25.4195	10	31.419	47.325	25	0.355738	1
P14152	Malate dehydrogenase, cytoplasmic	Mdh1	33.2576	33.2402	19	36.511	323.31	1544	0.921337	1
Q3UR55;P14231	Sodium/potassium-transporting ATPase	Atp1b2	29.4475	29.5111	12	33.344	207.23	222	0.732367	1
Q8BK46;P14685;Q1	26S proteasome non-ATPase regulatory subunit	Psmd3	25.2588	25.2158	12	60.722	66.244	23	0.929738	1
Q5M8R8;Q5FWB6;Q1	60S acidic ribosomal protein P0	Rplp0	26.8754	27.1455	10	34.216	61.652	90	0.651718	1
P15105	Glutamine synthetase	Glul	32.4328	32.4465	22	42.119	323.31	1228	0.967832	1
P15209	BDNF/NT-3 growth factors receptor	Ntrk2	24.2163	24.737	8	92.132	42.818	16	0.668096	1
Q5NC81;P15532;Q1	Nucleoside diphosphate kinase	Nme1	31.8768	31.816	16	17.208	229.4	811	0.771497	1
Q5SZA3;P15864	Histone H1.2	Hist1h1c	29.3678	29.2405	8	21.266	73.561	168	0.83343	1
P16054	Protein kinase C epsilon type	Prkce	26.5599	26.6342	20	83.56	82.474	67	0.843588	1
P16125;D3Z7F0	L-lactate dehydrogenase B chain;L-	Ldhb	33.0418	33.0317	24	36.572	323.31	1304	0.951763	1
Q3TYV5;P16330;Q1	2,3-cyclic-nucleotide 3-phosphodiesterase	Cnp	34.1167	33.9713	38	47.123	323.31	2869	0.679244	1
P16332;Q8VED0	Methylmalonyl-CoA mutase, mitochondrial	Mut	24.5633	24.7795	8	82.843	28.038	22	0.725194	1
Q3UJ34;Q3UEJ7;P1	Argininosuccinate synthase	Ass1;Gm5424	28.3729	28.591	20	46.584	140	118	0.21207	1

Q5FW97;P17182;Q Alpha-enolase	EG433182;Eno1	34.3189	34.436	33	47.14	323.31	3375	0.537733	1
Q545V3;Q3UJ20;P1 Gamma-enolase;Enolase	Eno2	33.309	33.3141	24	47.296	323.31	1940	0.986298	1
P17426 AP-2 complex subunit alpha-1	Ap2a1	31.6915	31.6644	55	107.66	323.31	1051	0.806538	1
Q6PEE6;Q69ZW4;P AP-2 complex subunit alpha-2	Ap2a2	30.9229	30.9945	50	104	323.31	739	0.387333	1
P17563;Q63836;AC Selenium-binding protein 1;Seleni	Selenbp1;Seleni	25.3428	25.5221	8	52.513	25.502	23	0.893239	1
Q5SVY2;Q3UAJ1;Q Peptidyl-prolyl cis-trans isomerase; Ppia		32.8222	32.4832	13	17.971	323.31	1154	0.775142	1
P17751;H7BXC3 Triosephosphate isomerase	Tpi1	34.6336	34.5866	21	32.191	323.31	1798	0.905857	1
Q3U2J2;Q3TD17;P Solute carrier family 2, facilitated g	Slc2a1	24.3594	24.9673	4	54.07	10.717	40	0.34397	1
Q544Y7;P18760;F8 Cofilin-1	Cfl1	33.5895	33.2309	20	18.559	323.31	1325	0.343958	1
Q543S2;P18872;D3 Guanine nucleotide-binding protei	Gnao1	33.2277	33.2235	23	40.084	323.31	1933	0.978288	1
Q3UHT6;P19096;AI Fatty acid synthase;[Acyl-carrier-pr	Fasn	29.6507	29.6597	59	272.41	323.31	247	0.975632	1
P19157;K9JA74;P4 Glutathione S-transferase P 1;Gluta	Gstp1;Gstp2	31.7213	31.3679	11	23.609	323.31	552	0.529319	1
P19246;Q80TQ3 Neurofilament heavy polypeptide	Nefh	30.7551	30.3756	38	116.99	323.31	397	0.280133	1
Q9D881;P19536 Cytochrome c oxidase subunit 5B, i	Cox5b	26.103	26.9586	8	13.847	41.201	119	0.624877	1
Q3U9G2;P20029;Q 78 kDa glucose-regulated protein	Hspa5	30.3144	30.3494	34	72.405	323.31	585	0.890848	1
Q3TXR9;P20060 Beta-hexosaminidase;Beta-hexosa	Hexb	25.8346	25.9433	12	61.115	31.737	29	0.756726	1
P20108;Q8K4K8 Thioredoxin-dependent peroxide re	Prdx3	29.1383	29.4275	9	28.127	151.26	273	0.47586	1
P20357;Q3URJ7 Microtubule-associated protein 2	Map2	31.7733	31.6426	88	199.13	323.31	1019	0.486771	1
Q3UPA1;P21278;Q Guanine nucleotide-binding protei	Gna11	26.5673	26.5923	17	42.024	68.303	47	0.934168	1
Q3UHH5;P21279 Guanine nucleotide-binding protei	Gnaq	29.2181	29.1484	21	42.158	323.31	234	0.823189	1
Q3U5K7;Q9EPX9;P Cystatin-C	Cst3	25.6921	26.3802	7	15.217	29.69	51	0.614014	1
Q8CBB7;Q3UKX8;P AP-1 complex subunit gamma-1	Ap1g1	27.0179	26.9234	16	91.721	90.023	77	0.572729	1
P23116;Q3UEK3;Q Eukaryotic translation initiation fac	Eif3a	25.9443	25.8762	12	161.93	54.779	20	0.649138	1
Q7TMQ1;P23242;C Gap junction protein;Gap junction	Gja1	25.6343	24.9978	6	49.523	20.643	17	0.672539	1
Q543K9;P23492 Purine nucleoside phosphorylase	Pnp	24.3289	24.0892	5	32.263	10.886	17	0.462032	1
Q52L78;P23927 Alpha-crystallin B chain	Cryab	27.3878	27.7528	9	20.069	36.768	70	0.770627	1
Q3TJN1;Q9CXX6;Q Branched-chain-amino-acid aminot	Bcat1	26.4539	26.1361	8	42.791	95.721	56	0.377382	1
Q9DCY1;P24369 Peptidyl-prolyl cis-trans isomerase; Ppib		26.2721	26.6884	11	23.713	51.866	67	0.576369	1
P24472 Glutathione S-transferase A4	Gsta4	24.7412	25.1116	7	25.564	64.965	66	0.845529	1
P24527 Leukotriene A-4 hydrolase	Lta4h	27.4965	27.6122	24	69.05	128.55	103	0.6719	1
P24529;Q3UTB3 Tyrosine 3-monooxygenase	Th	28.8921	29.1971	24	55.992	309.52	283	0.460142	1
P24549 Retinal dehydrogenase 1	Aldh1a1	28.9138	29.3195	23	54.467	323.31	264	0.387681	1
Q3UKQ5;Q3UF03;F Cation-dependent mannose-6-pho	M6pr	25.2553	25.4075	3	31.172	58.86	18	0.673769	1

Q58EU3;Q3TXS9;Q 40S ribosomal protein S2	Rps2;Gm5786;C	25.8962	27.0221	11	31.231	33.4	48	0.356398	1
Q4KML7;Q3UXR4;C Ezrin	Ezr	24.3663	25.6455	14	69.406	36.311	17	0.363038	1
Q3TH46;Q3U111;P Radixin	Rdx	27.7169	27.8641	17	76.852	107.09	137	0.578504	1
P26443;Q3TSQ7 Glutamate dehydrogenase 1, mitor	Glud1	31.7925	31.9313	30	61.336	323.31	1313	0.262689	1
Q3U6F6;Q8C483;P Serine--tRNA ligase, cytoplasmic	Sars	28.4939	28.6473	20	58.358	153.8	197	0.41753	1
P26883;Q3ULN5 Peptidyl-prolyl cis-trans isomerase	Fkbp1a	28.5149	26.8522	5	11.922	43.597	120	0.378325	1
Q3UN87;P27048;P Small nuclear ribonucleoprotein-as	Snrpn;Snrpb	24.5313	25.1549	5	24.614	10.439	29	0.294699	1
P27546;A0A140T87 Microtubule-associated protein 4	Map4	27.5141	27.5304	15	117.43	75.667	73	0.957219	1
Q3UE40;P27601;Q Guanine nucleotide-binding protein	Gna13	24.5112	24.5982	7	44.038	18.463	14	0.924188	1
Q3UB90;Q3UB67;C 60S ribosomal protein L3	Rpl3	25.2724	23.9518	9	46.079	22.035	15	0.252	1
P27773 Protein disulfide-isomerase A3	Pdia3	30.153	30.4468	31	56.678	323.31	409	0.026943	1
Q544Z7;P28352;F6 DNA-(apurinic or apyrimidinic site)	Apex1	24.7409	24.1178	5	35.49	26.533	10	0.150233	1
Q6P5I3;P28474 S-(hydroxymethyl)glutathione dehy	Adh5	25.5017	25.8425	9	39.547	51.31	37	0.787182	1
P28652;Q5SVI3;Q5 Calcium/calmodulin-dependent pr	Camk2b	31.2065	31.1586	28	60.46	323.31	686	0.922845	1
Q3TKP3;P28658;Q Ataxin-10	Atxn10	23.8468	24.1998	13	53.71	64.639	19	0.767023	1
P28661;Q5ND18;Q Septin-4	Sept4	27.4928	26.1155	15	54.935	68.606	45	0.321772	1
P28663 Beta-soluble NSF attachment prote	Napb	30.3172	30.7507	28	33.557	323.31	679	0.39889	1
Q3TY51;Q8CHF1;P Kinesin-like protein;Kinesin heavy c	mKIAA0531;Kif	28.5969	28.4964	32	109.3	305.37	153	0.778786	1
Q8BN32;Q3U8U8;F Polyadenylate-binding protein;Poly	Pabpc1;Pabpc6	28.268	28.115	19	70.669	178.09	145	0.437303	1
Q3U2F9;Q3THF3;P Guanine nucleotide-binding protein	Gnb4	24.8183	24.5939	12	37.391	27.82	19	0.843699	1
Q9CPX4;Q3TJJ6;P Ferritin;Ferritin light chain 1;Ferriti	Ftl1;Ftl2	26.7582	26.4357	7	20.772	64.554	69	0.222087	1
Q3TG75;P29758;Q Ornithine aminotransferase, mitoc	Oat	27.3862	27.124	13	48.354	115.31	103	0.641317	1
Q545N7;P30275;A Creatine kinase U-type, mitochond	Ckmt1	31.7919	31.7914	23	47.003	323.31	1145	0.998502	1
P30416 Peptidyl-prolyl cis-trans isomerase	Fkbp4	26.4738	26.1429	13	51.572	44.977	40	0.089018	1
Q8C2U7;Q3UZG4;P Aminoacyl tRNA synthase complex	Aimp1	24.9809	25.271	5	35.196	16.495	17	0.555573	1
P31324;Q3V2X9;H cAMP-dependent protein kinase ty	Prkar2b	30.3934	30.261	21	46.167	323.31	568	0.501592	1
Q6PCX2;P31648;Q Transporter;Sodium- and chloride-	Slc6a1	27.2803	27.4554	5	67.13	47.95	51	0.77823	1
P31650;Q8BKG0 Sodium- and chloride-dependent G	Slc6a11	27.6006	26.6907	8	69.96	84.824	33	0.337876	1
Q9JJE1;Q3U3F4;Q Dual specificity mitogen-activated	Map2k1	30.4718	30.4925	21	43.374	323.31	381	0.956566	1
Q8BLF7;Q4FJP8;Q Solute carrier family 2, facilitated g	Slc2a3	26.8024	26.8402	7	53.451	73.416	68	0.937782	1
Q8BTU4;Q564E6;Q Lupus La protein homolog	Ssb	25.4692	26.2444	11	47.657	41.298	27	0.251861	1
Q3U6U7;Q4FJZ4;P Tryptophan--tRNA ligase, cytoplas	Wars	26.5771	26.5364	13	53.64	41.124	55	0.80842	1
P34022;H7BX22;Q Ran-specific GTPase-activating prot	Ranbp1	27.1965	26.66	7	23.596	44.44	49	0.725283	1

Q545F0;P34884	Macrophage migration inhibitory factor	Mif	29.3458	28.9316	3	12.504	34.831	193	0.369608	1
P35235;Q9CT18;Q	Tyrosine-protein phosphatase non-receptor type 11	Ptpn11	26.463	26.2236	21	68.46	72.116	68	0.756917	1
Q3TJ39;Q8C266;P3	Ras-related protein Rab-5C	Rab5c	28.8427	28.8414	7	23.412	67.16	262	0.998703	0.999968
Q3U4W5;Q0PD54;I	Ras-related protein Rab-6A	Rab6a	30.4027	30.5333	13	23.545	196.16	507	0.877447	1
Q0PD35;P35282;Q	Ras-related protein Rab-21	Rab21	26.5723	26.7608	7	24.106	86.889	76	0.509293	1
Q0PD38;P35293;Q	Ras-related protein Rab-18	Rab18	26.4042	26.4402	8	23.035	20.47	30	0.93299	1
Q3UFJ3;P35486	Pyruvate dehydrogenase E1 component	Pdha1	31.0893	31.2033	29	43.231	323.31	761	0.645301	1
Q3UJS2;P35550;Q8	rRNA 2-O-methyltransferase fibrillarin	Fbl;Fbl1	23.5825	24.9252	3	34.375	12.693	18	0.008089	1
Q5SUC3;P35564;Q	Calnexin	Canx	29.4853	29.4402	22	67.277	270.68	301	0.895667	1
Q3UG16;P35585	AP-1 complex subunit mu-1	Ap1m1	25.9364	25.1578	9	48.542	32.628	22	0.356523	1
P35700;B1AXW5;B	Peroxiredoxin-1	Prdx1	31.6527	31.7242	18	22.176	233.53	681	0.890217	1
Q3UWG5;P35762;P	Tetraspanin;CD81 antigen	Cd81	27.4549	28.2029	4	25.828	291.49	150	0.435759	1
Q542P2;P35802;Q8	Neuronal membrane glycoprotein I	Gpm6a	32.1311	32.1904	11	31.149	323.31	544	0.855455	1
Q8C2K0;Q5BLK0;Q	60S ribosomal protein L12	Rpl12	24.8595	26.025	5	17.806	58.293	72	0.465834	1
Q642K1;Q58EW0;P	60S ribosomal protein L18	Rpl18	28.126	28.7345	8	21.643	66.191	81	0.426968	1
P36916;Q52KE3;A2	Guanine nucleotide-binding protein gamma-1	Gnl1	24.9656	25.9003	12	68.77	81.862	42	0.269897	1
P37040;Q05DV1	NADPH--cytochrome P450 reductase	Por	25.2053	25.6132	10	77.043	68.012	24	0.233542	1
Q3UMP2;P38060	Hydroxymethylglutaryl-CoA lyase, mitochondrial	Hmgcl	22.9821	24.4825	4	34.182	14.669	8	0.017438	1
P38647	Stress-70 protein, mitochondrial	Hspa9	30.4404	30.3433	35	73.46	323.31	582	0.766845	1
P39053	Dynamin-1	Dnm1	23.7605	25.5163	71	97.802	34.796	17	0.164995	1
P39688	Tyrosine-protein kinase Fyn	Fyn	24.3964	24.7495	3	60.674	7.1745	5	0.757746	1
Q3UVJ2;Q3U0U5;P	Adenylyl cyclase-associated protein 1	Cap1	30.7154	30.7329	25	51.55	323.31	447	0.95065	1
P40142	Transketolase	Tkt	31.04	30.981	36	67.63	323.31	701	0.154934	1
Q3UII2;P40237	Tetraspanin;CD82 antigen	Cd82	26.0562	24.7952	3	29.628	12.436	17	0.107899	1
P40240	CD9 antigen	Cd9	24.145	25.7036	4	25.258	115.22	25	0.253751	1
Q5M9N5;Q5M9J8;I	60S ribosomal protein L28	Rpl28	25.0909	24.7822	6	15.709	16.78	18	0.709065	1
Q9DBN7;P42125	Enoyl-CoA delta isomerase 1, mitochondrial	Eci1	24.9597	24.092	6	32.223	24.001	17	0.388067	1
P42669;Q8C6E9	Transcriptional activator protein P1	Pura	29.5368	29.8928	14	34.883	323.31	265	0.20287	1
Q3UL22;Q6A0F1;P4	T-complex protein 1 subunit theta	Cct8;Cctq	29.5414	29.4648	31	59.555	185.16	300	0.7597	1
Q3UYK6;P43006;A2	Amino acid transporter;Excitatory amino acid transporter 1	Slc1a2	32.0697	32.1267	19	62.03	323.31	789	0.895264	1
Q9DCW5;P43024	Cytochrome c oxidase subunit 6A, mitochondrial	Cox6a1	27.8126	26.5502	4	12.483	49.717	184	0.668207	1
P43274	Histone H1.4	Hist1h1e	25.5439	26.1392	7	21.977	20.784	55	0.585768	1
Q3TCL2;Q3UDY1;P	Aldose reductase	Akr1b3;Akr1b1	29.1412	29.4168	17	35.051	133.87	210	0.394027	1

Q3UHW9;P45591	Cofilin-2	Cfl2	25.6009	26.5885	9	18.709	28.613	88	0.582996	1
Q3TND1;P45878	Peptidyl-prolyl cis-trans isomerase	Fkbp2	24.2106	24.736	3	15.344	16.45	22	0.486211	1
Q91WS8;P45952;Q	Medium-chain specific acyl-CoA de	Acadm	24.8559	23.7385	6	46.437	34.461	22	0.416163	1
P46460	Vesicle-fusing ATPase	Nsf	32.5508	32.5602	67	82.613	323.31	1910	0.886266	1
Q3U5V3;Q8BVQ9;F	26S protease regulatory subunit 7	Psmc2	26.6386	26.7574	15	48.684	100.28	33	0.702429	1
P46660	Alpha-internexin	Ina	32.7755	32.714	35	55.382	323.31	1317	0.330829	1
Q80XR3;P47199;Q	Quinone oxidoreductase	Cryz	26.6864	26.8439	9	35.367	54.49	56	0.384639	1
Q768S5;P47708	Rabphilin-3A	Rph3a	28.2511	28.4499	23	75.492	323.31	158	0.085649	1
Q544B1;Q3UJW1;C	Aldehyde dehydrogenase, mitocho	Aldh2	29.3716	29.4571	26	56.537	323.31	312	0.577043	1
Q99NU3;P47746	Cannabinoid receptor 1	Cnr1	25.023	25.6082	3	37.316	7.4937	13	0.161085	1
Q5DQJ3;Q3UBZ3;P	F-actin-capping protein subunit alp	Capza2	29.4973	29.6872	14	32.967	323.31	376	0.568235	1
Q3U9R7;Q3UB84;C	Glutathione reductase, mitochondr	Gsr	26.2081	26.2737	7	48.886	35.006	44	0.632545	1
Q543X6;P47809;Q	Dual specificity mitogen-activated	Map2k4	25.7057	26.1032	14	44.113	68.131	35	0.594847	1
P47857;Q99K08	ATP-dependent 6-phosphofructoki	Pfkm	30.8439	30.7624	34	85.268	323.31	674	0.761841	1
Q3UCH0;P47911;Q	60S ribosomal protein L6	Rpl6;Gm5428	25.7639	25.5947	7	33.509	28.998	50	0.711441	1
P47963;Q5RKP3;A	60S ribosomal protein L13	Rpl13	26.3093	26.4276	8	24.305	40.423	70	0.810095	1
P48036	Annexin A5	Anxa5	29.2808	29.5343	24	35.752	221.67	277	0.638796	1
Q548L6;P48318	Glutamate decarboxylase 1	Gad1	26.9862	26.1636	14	66.648	115.27	63	0.271478	1
Q548L4;P48320	Glutamate decarboxylase 2	Gad2	28.7917	28.5884	22	65.223	246.25	194	0.572676	1
P48678	Prelamin-A/C;Lamin-A/C	Lmna	27.6148	27.857	27	74.237	125.35	90	0.019511	1
P48722;E0CY23	Heat shock 70 kDa protein 4L	Hspa4l	29.4227	29.5076	43	94.381	323.31	312	0.689219	1
P48771	Cytochrome c oxidase subunit 7A2	Cox7a2	26.547	27.5067	2	9.2908	11.211	124	0.418582	1
P48774;E9PVM7;E	Glutathione S-transferase Mu 5	Gstm5	29.2431	29.7083	21	26.635	180.66	322	0.111777	1
P48962;Q8BVI9	ADP/ATP translocase 1	Slc25a4	33.7808	33.8515	27	32.904	323.31	2570	0.706245	1
Q3U7F3;Q3TIK8;Q	Heterogeneous nuclear ribonucleo	Hnrnpa1	29.0639	29.6753	18	34.238	196.1	208	0.081154	1
P49442	Inositol polyphosphate 1-phosphat	Inpp1	24.0842	23.4438	4	43.346	14.576	9	0.528174	1
P49443;Q9EQE2;Q	Protein phosphatase 1A	Ppm1a	26.568	26.5074	11	42.432	36.53	40	0.902949	1
Q543F6;P49615;A	Cyclin-dependent-like kinase 5	Cdk5	27.131	27.4863	14	33.288	45.268	111	0.024666	1
Q3UWT6;P49722;C	Proteasome subunit alpha type	Prc Psm2	28.0949	27.929	11	27.509	216.05	109	0.867557	1
P49813	Tropomodulin-1	Tmod1	24.934	24.1517	7	40.466	50.792	18	0.373041	1
Q3TF14;P50247;Q	Adenosylhomocysteinase	Ahcy	27.5222	27.7273	18	47.688	190.22	94	0.535364	1
P50396	Rab GDP dissociation inhibitor alph	Gdi1	31.6716	31.6641	33	50.521	323.31	1091	0.977477	1
P50516	V-type proton ATPase catalytic sub	Atp6v1a	32.8038	32.8049	42	68.325	323.31	2019	0.995322	1

P50518;A0A0N4SW	V-type proton ATPase subunit E 1	Atp6v1e1	30.9643	31.3803	18	26.157	323.31	602	0.321694	1
Q05BN2;Q3UMW2	Proliferation-associated protein 2G	Pa2g4	25.2447	25.1991	5	41.508	23.215	21	0.859683	1
Q4FJQ0;P51150	Ras-related protein Rab-7a	Rab7;Rab7a	29.0268	29.7294	17	23.489	323.31	328	0.362915	1
Q3UHW2;Q3TT11;I	Peroxisomal multifunctional enzymr	Hsd17b4	23.6051	24.2235	6	79.423	15.589	7	0.255845	1
P51863;Q921S5	V-type proton ATPase subunit d 1	Atp6v0d1	29.9863	29.892	20	40.301	323.31	574	0.792735	1
Q545A2;P51881	ADP/ATP translocase 2;ADP/ATP tr	Slc25a5	31.4866	31.468	23	32.931	169.09	889	0.948382	1
Q545S0;P52196	Sulfurtransferase;Thiosulfate sulfur	Tst	26.578	26.9989	8	33.466	33.465	48	0.158616	1
P52480	Pyruvate kinase PKM	Pkm	34.2049	34.1691	39	57.844	323.31	2992	0.902756	1
P52760	Ribonuclease UK114	Hrsp12	27.6902	28.2756	5	14.255	57.848	123	0.393293	1
Q7TND9;P53395	Lipoamide acyltransferase compon	Dbt	25.9716	24.8293	10	53.26	30.375	21	0.36073	1
Q5ND42;Q3UE53;C	Phosphatidylinositol transfer prote	Pitpna	28.8963	29.5868	22	31.893	166.94	237	0.057206	1
Q0PD65;P53994;Q	Ras-related protein Rab-2A	Rab2a	29.1163	29.0232	16	23.547	169.86	263	0.827178	1
P54071	Isocitrate dehydrogenase [NADP], i	Idh2	28.5255	28.7202	21	50.906	154.96	201	0.624368	1
Q9DCP3;Q91XT3;Q	Stathmin	Stmn1	31.5249	30.8886	9	17.334	132.65	146	0.520355	1
Q3TJ52;Q3UQN3;Q	UV excision repair protein RAD23 b	Rad23b	26.6126	26.8503	10	34.613	44.077	45	0.501056	1
Q8BKU2;Q569X4;Q	26S protease regulatory subunit 6E	Psmc4	26.9131	26.6549	17	47.394	113.4	56	0.801266	1
Q3TMB8;P54822;E	Adenylosuccinate lyase	Adsl	25.6998	25.4214	8	54.865	21.619	27	0.28173	1
Q80WU9;P54830	Tyrosine-protein phosphatase non-	Ptpn5	27.1105	27.0602	13	64.92	104.17	92	0.883646	1
P55264;Q8BMC5	Adenosine kinase	Adk	26.1545	25.8223	10	40.148	38.037	46	0.709796	1
P56135;F8WHP8	ATP synthase subunit f, mitochond	Atp5j2	28.6374	29.3126	4	10.344	35.84	250	0.324326	1
P56380;Q3V1C8	Bis(5-nucleosyl)-tetrphosphatase	Nudt2	24.7133	24.0798	4	16.989	19.233	23	0.593335	1
Q6VEU5;Q545F5;P	ATP synthase subunit epsilon, mito	Atp5e	25.5493	24.949	3	5.8218	5.7571	27	0.821591	1
P56391;A0A140LIU	Cytochrome c oxidase subunit 6B1	Cox6b1	29.6379	29.9478	7	10.071	44.764	215	0.657762	1
Q3U4W8;P56399	Ubiquitin carboxyl-terminal hydroli	Usp5	30.2309	30.1716	36	93.354	323.31	515	0.820901	1
P56480	ATP synthase subunit beta, mitoch	Atp5b	34.5592	34.5599	30	56.3	323.31	3876	0.996338	1
Q8C7W8;Q8C3T7;C	Amino acid transporter;Excitatory i	Slc1a3	29.3707	29.724	9	59.592	296.98	268	0.484946	1
Q3UJH5;Q3U861;P	V-type proton ATPase subunit D	Atp6v1d	29.4344	29.4825	15	28.355	259.44	298	0.914549	1
Q3ULT2;P57780;Q	Alpha-actinin-4	Actn4	28.6753	28.448	51	104.98	320.36	142	0.516962	1
P58044;G3XA48	Isopentenyl-diphosphate Delta-isoi	Idi1	24.2119	23.0662	2	26.289	3.9794	5	0.325732	1
Q3UMI7;Q3UDC8;F	Elongation factor 2	Eef2	30.6997	30.6779	48	95.326	323.31	513	0.908669	1
P58281;H7BX01;Q	Dynamin-like 120 kDa protein, mit	Opa1;mKIAA05i	30.0121	30.0254	53	111.34	323.31	435	0.974961	1
Q543N6;P58389;Q	Serine/threonine-protein phosphat	Ppp2r4	27.7327	27.6028	9	36.71	60.351	94	0.696829	1
Q3U3S0;P58404;V	Striatin-4	Strn4	26.3191	25.8197	6	80.964	14.021	15	0.846826	1

Q3TQR3;P59325;Q Eukaryotic translation initiation fac	Eif5	25.5888	25.4855	7	48.968	28.859	28	0.839905	1
Q9D3C4;Q7TPD9;P Actin-related protein 2/3 complex	Arpc4	30.4099	30.2282	7	19.653	79.232	351	0.782873	1
Q3UJN2;Q3U1C2;P RuvB-like 1	Ruvbl1	25.6876	25.9076	9	50.213	21.055	23	0.46484	1
Q3UYM8;P60202;C Myelin proteolipid protein	Plp1	34.2446	34.0038	12	30.077	193.08	1710	0.728561	1
P60335 Poly(rC)-binding protein 1	Pcbp1	28.1744	28.5927	15	37.497	160.99	183	0.572113	1
P60487;Q6IS27 Pyridoxal phosphate phosphatase	Pdxp	29.0806	28.93	17	31.512	166.57	240	0.797784	1
P60761 Neurogranin;NEUG(55-78)	Nrgn	30.2387	29.6277	2	7.4963	18.463	60	0.717392	1
P60766;Q3UL78 Cell division control protein 42	Cdc42	28.9567	29.7694	9	21.258	184.34	173	0.156589	1
Q4FZL1;Q5F2A7;Q Eukaryotic initiation factor 4A-I	Eif4a1	26.6089	27.0906	17	46.022	43.389	41	0.478076	1
Q5BLK2;P60867 40S ribosomal protein S20	Rps20	26.1772	26.1964	3	13.373	13.714	59	0.99164	1
P60879 Synaptosomal-associated protein 2	Snap25	30.9641	31.6192	20	23.315	323.31	744	0.377454	1
P60904;G5E8T0;Q DnaJ homolog subfamily C member	Dnajc5	30.8876	30.9434	9	22.101	323.31	279	0.85804	1
Q4FJL0;P61027;Q3 Ras-related protein Rab-10	Rab10	28.2432	28.2623	9	22.541	42.261	137	0.965183	1
P61082;F7CDT0;F6 NEDD8-conjugating enzyme Ubc12	Ube2m	27.1995	27.4138	8	20.9	25.871	49	0.803942	1
Q6ZWQ6;P61087;A Ubiquitin-conjugating enzyme E2 K	Ube2k	25.2442	24.7488	8	22.406	21.078	18	0.681182	1
Q5SW83;P61161;Q Actin-related protein 2	Actr2	28.6044	28.5628	14	44.76	263.69	262	0.901681	1
P61164 Alpha-centractin	Actr1a	29.0336	28.7059	15	42.613	323.31	186	0.501685	1
Q3UK65;P61202;Q COP9 signalosome complex subunit	Cops2	26.8949	26.7726	16	51.609	95.674	64	0.775174	1
Q3U344;P61205 ADP-ribosylation factor 3	Arf3	31.8439	31.9629	14	20.601	323.31	1181	0.759179	1
Q6ZWR0;P61226 Ras-related protein Rap-2b	Rap2b	27.6038	28.3197	11	20.504	128.56	113	0.191184	1
Q4FZH2;P61255;B160S ribosomal protein L26	Rpl26	25.4313	25.8218	6	17.258	16.73	50	0.760461	1
P61264 Syntaxin-1B	Stx1b	31.7619	31.8257	18	33.244	323.31	933	0.715004	1
Q0PD53;P61294 Ras-related protein Rab-6B	Rab6b	25.1141	25.204	11	23.461	49.48	24	0.943271	1
P61329;Q35340;C6 Fibroblast growth factor 12;Fibrobl	Fgf12;Fgf14	23.8276	25.1338	4	27.399	10.352	23	0.259897	1
Q5BLJ9;P61358;Q9 60S ribosomal protein L27	Rpl27	25.4982	26.203	6	15.798	16.689	63	0.432965	1
P61922;Q3V1S0 4-aminobutyrate aminotransferase	Abat	32.2022	32.2672	40	56.451	323.31	1129	0.463136	1
Q4FZE6;P62082;F6 40S ribosomal protein S7	Rps7;Gm9493	27.1727	25.8602	13	22.127	31.768	61	0.250333	1
P62137;Q3U8W0;C Serine/threonine-protein phosphat	Ppp1ca	28.3256	28.7604	22	37.54	70.899	221	0.056897	1
P62141 Serine/threonine-protein phosphat	Ppp1cb	30.6461	30.722	22	37.186	323.31	581	0.462698	1
Q542I9;P62192 26S protease regulatory subunit 4	Psmc1	27.0362	26.9911	13	49.184	155.82	53	0.785832	1
P62196;Q99KR1;Q 26S protease regulatory subunit 8	Psmc5	26.6611	26.8774	12	45.626	164.56	74	0.441278	1
P62204;Q3UKW2;C Calmodulin;Calmodulin-like protei	Calm1;Calml3	31.3146	31.1814	13	16.837	323.31	339	0.835032	1
Q497E9;P62242;Q 40S ribosomal protein S8	Rps8	27.078	27.6191	11	24.205	56.182	106	0.256759	1

Q5M9M4;P62245;40S ribosomal protein S15a	Rps15a	25.312	25.5414	5	14.839	30.855	42	0.749667	1
Q5SS40;P62259;Q814-3-3 protein epsilon	Ywhae	33.3653	33.2489	27	29.174	323.31	2026	0.628413	1
Q9CWI9;Q9CZI5;P640S ribosomal protein S23	Rps23	23.9199	25.6672	5	15.835	30.436	26	0.22765	1
Q3UC02;Q9DB79;P40S ribosomal protein S11	Rps11	25.1009	25.4383	10	18.431	26.171	49	0.698532	1
Q921R2;Q5BLJ7;P640S ribosomal protein S13	Rps13	27.3813	27.2605	8	16.142	33.835	122	0.88989	1
Q14AF6;P62317;D5Small nuclear ribonucleoprotein Sn	Snrpd2;Gm5445	24.763	24.3803	4	13.527	28.724	30	0.710762	1
Q91VM2;P62320 Small nuclear ribonucleoprotein Sn	Snrpd3	24.3961	25.615	3	13.985	46.743	32	0.220135	1
Q3U0D7;P62331 ADP-ribosylation factor 6	Arf6	25.4795	24.3793	5	20.082	18.3	33	0.488385	1
Q14AQ1;P62334;Q26S protease regulatory subunit 1C	Psmc6	26.4523	26.7532	16	44.172	101.48	45	0.72271	1
P62482;Q3UPV6;E1Voltage-gated potassium channel s	Kcnab2	26.8618	27.3565	16	41.021	117.94	63	0.538903	1
P62631 Elongation factor 1-alpha 2	Eef1a2	30.1705	30.3355	20	50.454	323.31	289	0.528824	1
Q545F8;Q545X8;Q40S ribosomal protein S4;40S ribos	Rps4x;Rps4l;Grr	27.2927	27.1963	16	27.504	49.211	104	0.947063	1
P62715;Q8VED4 Serine/threonine-protein phosphat	Ppp2cb	24.7425	24.4019	18	35.575	8.7404	11	0.778008	1
Q3UJ76;P62743;Q7AP-2 complex subunit sigma	Ap2s1	28.8732	28.8855	6	17.018	25.223	154	0.973592	1
Q4FJM5;P62746;Q1Rho-related GTP-binding protein Rl	Rhob	29.098	28.9398	10	22.123	81.399	171	0.510654	1
P62748 Hippocalcin-like protein 1	Hpcal1	25.4892	25.3143	12	22.338	16.087	25	0.901623	1
Q5BLK1;P62754;Q340S ribosomal protein S6	Rps6	26.0852	25.9755	8	28.68	25.546	31	0.724592	1
Q4W4C9;Q3TVCO;F Visinin-like protein 1	Vsnl1	30.5875	30.4908	17	22.142	148.2	372	0.853426	1
P62774 Myotrophin	Mtpn	23.7145	25.5721	3	12.861	20.241	27	0.231714	1
P62814 V-type proton ATPase subunit B, br	Atp6v1b2	32.2524	32.3586	31	56.55	323.31	1603	0.761655	1
Q5SW88;Q3UB66;C Ras-related protein Rab-1A	Rab1;Rab1A	30.2573	30.3391	11	22.372	80.269	344	0.913292	1
Q3TU26;Q542T7;P1Ras-related protein Rab-3C	Rab3c	27.1805	27.2513	7	25.623	26.975	66	0.899364	1
Q3ULW0;P62827;C GTP-binding nuclear protein Ran	Ran;1700009N1	29.662	30.0098	11	24.351	84.793	369	0.601492	1
P62830 60S ribosomal protein L23	Rpl23	25.0944	24.8757	4	14.865	19.501	40	0.864971	1
P62835;C5H0E8;A0 Ras-related protein Rap-1A	Rap1a;Gm9392	23.7053	26.1728	12	20.987	95.618	29	0.059945	1
Q3UT95;P62838 Ubiquitin-conjugating enzyme E2 D	Ube2d2a;Ube2c	26.4759	25.2886	4	16.735	44.792	37	0.60703	1
Q58EA6;P62852 40S ribosomal protein S25	Rps25	26.2619	27.5655	6	13.742	18.971	75	0.403597	1
Q497N1;P62855 40S ribosomal protein S26	Rps26	25.3023	25.7199	5	13.015	15.854	42	0.812958	1
P62869 Transcription elongation factor B p	Tceb2	25.4345	24.9133	8	13.17	41.808	43	0.753813	1
Q3TQ70;P62874;Q1Guanine nucleotide-binding protein	Gnb1	33.5964	33.3271	19	37.377	323.31	1334	0.302774	1
Q3U9V4;P62880;E1Guanine nucleotide-binding protein	Gnb2	31.24	31.1104	18	37.331	323.31	675	0.576535	1
Q56A15;P62897 Cytochrome c, somatic	Cycs	31.5524	31.527	11	11.605	162.68	514	0.966084	1
Q5YLW3;P62908;Q40S ribosomal protein S3	Rps3	27.3594	27.0428	17	26.674	65.991	109	0.509557	1

P62911;Q5PR09	60S ribosomal protein L32	Rpl32	23.9975	25.0548	5	15.86	12.042	21	0.462532	1
Q3UJS0;P62918;Q3	60S ribosomal protein L8	Rpl8	26.5942	26.8462	4	28.066	22.566	42	0.344098	1
Q642L7;P62983;A5	Ubiquitin-40S ribosomal protein S2	Rps27a;Ubc;Gr	30.3061	30.7423	7	17.951	101.31	489	0.20332	1
Q5SW18;Q3TJG1;P	Platelet-activating factor acetylhyd	Pafah1b1	28.8312	28.6981	21	46.67	259.42	168	0.476627	1
Q0PD63;P63011	Ras-related protein Rab-3A	Rab3a	31.0422	31.4321	9	24.97	176.5	759	0.307284	1
Q3UBA6;Q3TH56;C	Heat shock cognate 71 kDa protein	Hspa8	34.0018	34.0304	44	70.898	323.31	3063	0.883389	1
P63028;D3YU75	Translationally-controlled tumor pr	Tpt1	26.543	27.949	8	19.462	45.936	66	0.304167	1
Q5NTY0;Q3TK61;P	DnaJ homolog subfamily A membe	Dnaja1	27.1313	27.162	14	44.868	127.76	52	0.9613	1
P63038	60 kDa heat shock protein, mitoch	Hspd1	32.4613	32.553	45	60.955	323.31	1354	0.445579	1
P63046;Q8BQV8	Sulfotransferase 4A1;Sulfotransfer	Sult4a1	24.9435	25.2941	9	33.053	42.815	35	0.792723	1
Q3TK95;P63073;A	Eukaryotic translation initiation fac	Eif4e	26.0811	26.7527	4	25.053	14.687	21	0.457617	1
P63085;Q3UF82;O	Mitogen-activated protein kinase 1	Mapk1;Erk2	30.3286	30.4036	26	41.275	323.31	557	0.629668	1
Q6ZWM8;Q3U7K1;	Serine/threonine-protein phosphat	Ppp1cc	27.1763	26.5769	22	36.983	40.26	32	0.248293	1
Z4YKV1;P63094;Q	Guanine nucleotide-binding protein	Gnas	25.8796	25.4068	16	44.178	87.296	50	0.736058	1
P63101	14-3-3 protein zeta/delta	Ywhaz	34.7417	34.6077	25	27.771	323.31	1913	0.735977	1
P63141;Q3TZ64;Q	Potassium voltage-gated channel s	Kcna2;Kcna1;Kc	25.9208	26.1388	6	56.7	19.244	38	0.703421	1
P63213	Guanine nucleotide-binding protein	Gng2	25.841	25.6017	5	7.8501	27.984	51	0.87303	1
Q5M9L7;Q3TK12;C	40S ribosomal protein S17	Rps17	24.1838	23.6089	4	15.524	11.147	16	0.071907	1
Q3UN66;P63318;Q	Protein kinase C;Protein kinase C g	Prkcg	29.4407	29.3668	35	78.357	323.31	341	0.86107	1
P63321;Q9CXY0	Ras-related protein Ral-A	Rala	28.2205	28.9811	10	23.553	70.281	167	0.103352	1
Q5M9K7;Q3U9P0;F	40S ribosomal protein S10	Rps10	26.7331	26.6115	5	18.916	69.464	79	0.919171	1
P63330;Q8BN07	Serine/threonine-protein phosphat	Ppp2ca;Ppp2cb	29.7026	29.7013	18	35.608	323.31	411	0.995956	1
P67778;Q5SQG5;Q	Prohibitin	Phb	30.3903	30.4564	17	29.82	323.31	518	0.897512	1
Q4VAG4;P67984	60S ribosomal protein L22	Rpl22	25.19	24.4018	4	14.759	103.35	34	0.491897	1
Q561N4;P68037;Q	Ubiquitin-conjugating enzyme E2 L	Ube2l3	28.1852	25.5651	6	17.861	47.848	62	0.091688	1
P68040	Guanine nucleotide-binding protein	Gnb2l1	27.4435	27.503	15	35.076	154.87	86	0.844701	1
P68181;H6TMF6;H	cAMP-dependent protein kinase ca	Prkacb	29.4651	29.458	20	40.707	198.84	329	0.978374	1
P68368;A0A0A0M0C	Tubulin alpha-4A chain	Tuba4a	32.3404	32.2647	33	49.924	323.31	972	0.711742	1
P68369;Q5FW91;P	Tubulin alpha-1A chain;Tubulin al	Tuba1a;Tuba3a	32.3524	32.4657	35	50.135	198.23	1091	0.677252	1
P68372;Q9DCR1;Q	Tubulin beta-4B chain	Tubb4b	35.988	35.9565	31	49.83	323.31	7891	0.819734	1
Q52L87;P68373	Tubulin alpha-1C chain	Tuba1c	30.2155	27.8381	35	49.909	27.378	279	0.38367	1
P68404	Protein kinase C beta type	Prkcb	30.0105	30.0947	36	76.75	323.31	469	0.659051	1
P68510	14-3-3 protein eta	Ywhah	30.6835	30.6792	20	28.211	323.31	377	0.992248	1

Q3TFE8;P70168;Q7	Importin subunit beta-1	Kpnb1	29.5609	29.4987	30	97.112	323.31	246	0.868135	1
Q5D098;P70195	Proteasome subunit beta type;Pro	Psmb7	25.9369	27.0924	8	29.76	24.698	30	0.296311	1
Q14BZ3;P70202	Latexin	Lxn	25.2153	25.9576	4	25.492	26.235	15	0.457278	1
Q5EBQ2;Q3TGC5;P	Phosphatidylethanolamine-binding	Pebp1	31.8358	31.5216	12	20.83	323.31	680	0.623574	1
P70333;Q3UR26	Heterogeneous nuclear ribonucleo	Hnrnph2	25.4444	24.9459	11	49.279	73.249	26	0.587134	1
P70336;F8VPK5;Q6	Rho-associated protein kinase 2;Rh	Rock2	26.3219	26.5424	23	160.58	135.15	56	0.647373	1
P70349	Histidine triad nucleotide-binding	Hint1	26.9424	27.9538	7	13.777	88.21	107	0.44368	1
Q8BTQ1;Q8BW03;Q	ELAV-like protein;ELAV-like protein	Elavl1	25.9223	26.1221	10	33.757	33.198	37	0.548469	1
Q4FE56;P70398	Ubiquitin carboxyl-terminal hydrol	Usp9x	25.8378	25.1199	12	290.21	29.25	17	0.283355	1
Q3TKM5;Q3TGZ3;F	Isocitrate dehydrogenase [NAD] su	Idh3g	30.0591	30.2151	17	42.314	323.31	488	0.529535	1
Q3TG37;P70441	Na(+)/H(+) exchange regulatory co	Slc9a3r1	27.4251	27.6198	13	38.6	117.21	69	0.450194	1
Q3TYD5;P70663;Q	SPARC-like protein 1	Sparcl1	23.3389	23.288	3	72.342	12.513	8	0.965003	1
P70670;Q3UK68;Q	Nascent polypeptide-associated co	Naca	25.7846	24.8569	5	220.5	30.732	40	0.366255	1
Q3TIJ7;Q3TET0;P8	T-complex protein 1 subunit eta	Cct7	29.3637	29.2905	23	59.652	323.31	222	0.61226	1
Q542X7;P80314;Q	T-complex protein 1 subunit beta	Cct2	30.0892	29.9624	35	57.477	323.31	356	0.471615	1
Q564F4;Q3UJZ8;Q	T-complex protein 1 subunit delta	Cct4	28.912	28.9283	23	58.066	209.55	245	0.924842	1
P80316	T-complex protein 1 subunit epsilo	Cct5	29.3785	29.4184	26	59.623	323.31	276	0.801092	1
Q52KG9;Q3TIX8;Q	T-complex protein 1 subunit zeta	Cct6a	29.2548	29.2917	23	58.076	270.34	243	0.910461	1
Q3U4U6;P80318;E	T-complex protein 1 subunit gamm	Cct3	29.5803	29.509	28	60.629	277.51	381	0.567519	1
P84075;E9PV73;A2	Neuron-specific calcium-binding pr	Hpca	31.0339	31.0463	16	22.427	230.71	547	0.98627	1
P84084	ADP-ribosylation factor 5	Arf5	27.1875	28.3356	14	20.529	41.12	63	0.377444	1
P84086	Complexin-2	Cplx2	27.0358	27.0271	5	15.394	33.02	61	0.990273	1
Q5FWI9;P84091;Q	AP-2 complex subunit mu	Ap2m1	30.6279	30.6932	26	49.654	323.31	620	0.834697	1
Q3U781;Q9D6W4;I	Serine/arginine-rich splicing factor	Srsf3	26.1301	27.4665	7	14.203	18.056	46	0.447363	1
P84309	Adenylate cyclase type 5	Adcy5	27.9371	27.8176	21	139.12	190.97	168	0.926483	1
P97300;H3BIX4;Z4	Neuroplastin	Nptn	30.2027	30.2212	14	44.373	152.16	364	0.930025	1
Q4FJX4;P97315	Cysteine and glycine-rich protein 1	Csrp1	29.8738	29.1301	8	20.583	75.113	98	0.190354	1
Q564F3;Q3UAC2;P	40S ribosomal protein S3a	Rps3a1;Rps3a	28.3076	28.305	15	29.885	75.712	114	0.994985	1
Q544Q7;P97370;Q	Sodium/potassium-transporting AT	Atp1b3	26.3933	26.3505	5	31.775	26.676	32	0.886752	1
Q3U541;P97379;Q	Ras GTPase-activating protein-bind	G3bp2	26.6859	26.3793	9	54.087	52.286	37	0.297047	1
P97427	Dihydropyrimidinase-related prote	Crmp1	25.8525	26.448	35	62.167	5.2354	11	0.767714	1
Q3UNA7;Q3TEF1;P	Glutamate--cysteine ligase catalyti	Gclc	23.4558	23.9039	4	72.585	11.182	10	0.45899	1
Q544A1;Q3TRG5;Q	WW domain-binding protein 2	Wbp2	26.2463	26.7423	6	28.032	27.077	25	0.056043	1

P97807	Fumarate hydratase, mitochondria	Fh	30.787	30.7032	27	54.356	323.31	578	0.602905	1
P97930;Q6GRA7	Thymidylate kinase	Dtymk	23.0922	24.2639	5	23.914	10.957	14	0.077567	1
P99024	Tubulin beta-5 chain	Tubb5	32.4925	32.7223	29	49.67	323.31	913	0.12479	1
P99026	Proteasome subunit beta type-4	Psmb4	27.5703	27.9954	6	29.116	46.973	70	0.489655	1
P99028	Cytochrome b-c1 complex subunit	Uqcrh	26.1198	24.2077	4	10.435	11.294	21	0.248256	1
Q3UWS9;Q3U7H9;	Peroxiredoxin-5, mitochondrial	Prdx5	31.9838	31.4776	12	20.713	323.31	809	0.574844	1
Q543R4;Q00493	Carboxypeptidase E	Cpe	26.8013	26.7559	16	53.255	112.13	56	0.928967	1
Q790Y8;Q00612;Q	Glucose-6-phosphate 1-dehydroge	G6pdx	26.8549	26.9127	19	59.262	112.33	76	0.817057	1
Q3V2G1;Q00623;Q	Apolipoprotein A-I;Proapolipoprote	Apoa1	28.0205	28.1243	12	30.684	48.543	79	0.883836	1
Q58EU7;Q00915	Retinol-binding protein 1	Rbp1	24.0163	23.9051	5	15.846	9.6036	11	0.890124	1
Q00PI9	Heterogeneous nuclear ribonucleo	Hnrnpul2	26.7136	26.7648	12	84.939	75.3	48	0.700822	1
Q01065;Q9DBS6;Q	Calcium/calmodulin-dependent 3,5	Pde1b	30.8678	31.0328	30	61.225	323.31	758	0.632901	1
Q01853;Q8BNF8	Transitional endoplasmic reticulum	Vcp	31.6759	31.5271	45	89.321	323.31	1025	0.742952	1
Q3UZT7;Q02248;E	Catenin beta-1	Ctnnb1	28.2242	28.2268	24	85.496	323.31	164	0.98063	1
Q99KA8;Q03137	Receptor protein-tyrosine kinase;E	Epha4	23.5007	23.2087	4	103.44	11.548	14	0.566566	1
Q03265;D3Z6F5	ATP synthase subunit alpha, mitocl	Atp5a1	34.4469	34.5145	38	59.752	323.31	3894	0.707237	1
Q04447	Creatine kinase B-type	Ckb	34.9364	34.9031	24	42.713	323.31	5560	0.788988	1
Q05186	Reticulocalbin-1	Rcn1	23.7415	23.8067	4	38.113	41.096	8	0.917712	1
Q497I3;Q05816;Q3	Fatty acid-binding protein, epiderr	Fabp5	27.7493	28.5748	14	15.137	163.15	126	0.215907	1
Q8BM29;Q05DT0;C	Gamma-adducin	Add3	27.5217	27.5432	17	72.604	123.36	105	0.922104	1
Q06138;Q8K312	Calcium-binding protein 39	Cab39	26.8515	26.5296	13	39.842	49.583	87	0.604432	1
Q5EBI8;Q06185	ATP synthase subunit e, mitochondr	Atp5k;Atp5i	30.2695	30.3718	6	8.2364	54.31	302	0.89451	1
Q549A5;Q06890;Q	Clusterin;Clusterin;Clusterin beta c	Clu	26.4733	26.6482	9	51.655	39.1	47	0.836269	1
Q922A2;Q3TJ49;Q	Annexin;Annexin A7	Anxa7	27.4392	27.6231	17	49.909	140.1	132	0.60891	1
Q08331;Q8CCS7	Calretinin	Calb2	27.1203	26.7065	9	31.372	42.559	53	0.65503	1
Q0KL02	Triple functional domain protein	Trio	24.2621	24.8814	8	347.86	20.279	20	0.076309	1
Q0PD15;Q8BHD0	Ras-related protein Rab-39A	Rab39;Rab39a	24.7305	25.2732	3	24.977	13.714	29	0.721862	1
Q0PD66;Q9D1G1;C	Ras-related protein Rab-1B	Rab1b	23.8905	23.7653	9	22.187	80.097	26	0.92405	1
Q0QEZ4;Q9CQA3;C	Succinate dehydrogenase [ubiquin	Sdhb	29.3771	29.9082	15	27.208	99.196	256	0.354761	1
Q0VB06;Q571F3;Q	Adaptin ear-binding coat-associate	Necap1	28.2084	28.3976	10	29.639	74.367	161	0.742659	1
Q11011;F6QYF8;E9	Puromycin-sensitive aminopeptida	Npepps	30.4203	30.3761	44	103.32	323.31	570	0.722713	1
Q14BB9	MAP6 domain-containing protein 1	Map6d1	24.4883	25.0915	5	20.432	28.447	24	0.737019	1
Q14BH8;E9Q1X8;O	Voltage-dependent calcium channe	Cacna2d1	28.4374	27.5192	27	122.7	323.31	111	0.343716	1

Q14C38;Q8CCT4	Transcription elongation factor A p Tceal5	27.258	27.3269	6	22.038	22.569	47	0.916427	1
Q1A602	Non-muscle alpha-actinin 4 Actn4	25.5512	26.9971	50	104.91	8.7843	21	0.411791	1
Q1MXF8;Q56A07	Sodium channel subunit beta-2 Scn2b	23.9456	25	5	24.227	11.94	12	0.442697	1
Q1MXF9;Q7M729	Sodium channel subunit beta-4 Scn4b	24.9448	25.4961	3	25.192	8.7271	31	0.593882	1
Q9D6G1;Q544Z3;Q	Heterogeneous nuclear ribonucleo Hnrnpab	26.6727	27.2352	11	29.922	39.541	74	0.01752	1
Q2M3X8;B1B1B8	Phosphatase and actin regulator 1; Phactr1	27.8467	28.0359	17	66.285	126.71	113	0.793336	1
Q2M4H5;Q9D5V5;I	Cullin-5 Cul5	25.0001	24.6034	13	90.973	43.971	21	0.664709	1
Q2UZW7;Q6PER3;A	Microtubule-associated protein RP Mapre3	28.7417	28.9492	20	31.966	196.44	214	0.813351	1
Q9QZA3;Q3KN99;C	Synapsin-3 Syn3	24.3557	24.1489	8	63.386	12.187	14	0.820964	1
Q3KNM9;Q9DCZ4	Apolipoprotein O Apoo	26.8222	25.8804	7	18.826	38.985	47	0.045345	1
Q3ZB62;Q3T1F6	Myelin-associated glycoprotein Mag	30.5194	30.1646	12	64.296	268.1	441	0.113097	1
Q3TN93;Q3T992;Q	Ubiquilin-1 Ubqln1	23.3128	24.1894	6	58.678	14.517	8	0.439864	1
Q3T9Z2;Q91Z53;D	Glyoxylate reductase/hydroxypyru Grhpr	27.2903	27.9775	13	35.328	115.95	120	0.41528	1
Q3TA40;Q8R0A7	Uncharacterized protein KIAA0513 6430548M08Ril	25.7581	25.9629	9	45.218	32.056	38	0.552593	1
Z4YJY0;Q3TCJ1;Q6A	BRISC complex subunit Abro1 Fam175b	23.398	23.1018	3	47.932	5.3226	3	0.510889	1
Q543B9;Q3TCS0;Q	Prolyl endopeptidase Prep	24.8987	25.5859	11	80.751	55.394	25	0.441226	1
Q3TD71;Q8K021;Q	Secretory carrier-associated memb Scamp1	26.9876	26.8996	8	38.028	179.89	52	0.827331	1
Q7TMG8;Q3TD78;C	Protein NipSnap homolog 2 Gbas	29.608	30.0512	15	32.898	200.02	195	0.479566	1
Q3TDA7;Q9WVE8;C	Protein kinase C and casein kinase Pacsin2	26.0851	25.8411	8	55.832	37.083	15	0.483493	1
Q3TDD8;Q3UGC0;C	Eukaryotic translation initiation fac Eif4b	25.7899	25.4107	9	68.709	65.722	30	0.782175	1
Q3TDD9	Protein phosphatase 1 regulatory s Ppp1r21	23.5741	24.2232	4	88.337	12.771	5	0.369434	1
Q3TDK6;A0A0J9YU	Protein rogdi homolog Rogdi	24.9217	25.4373	8	32.1	29.711	32	0.536862	1
Q3TDN8;Q8R164	Valacyclovir hydrolase Bphl	26.4108	26.7664	12	33.705	126.78	103	0.693884	1
Z4YKA3;Z4YKB8;Q3	Heterochromatin protein 1-binding Hp1bp3	26.0471	25.1494	9	56.824	34.538	25	0.216394	1
Q4FK11;Q3UM20;C	Non-POU domain-containing octan Nono	27.0687	27.068	13	54.54	76.729	56	0.997478	1
Q3TF84;Q922Q8	Leucine-rich repeat-containing pro: Lrrc59	24.6753	24.7899	4	20.408	13.194	29	0.7048	1
Q3TMC5;Q3TF87;C	Aspartate--tRNA ligase, cytoplasmic Dars	26.9884	27.1746	16	57.181	53.208	98	0.438119	1
Q3TG12;Q3TI98;Q	Phenylalanine--tRNA ligase beta su Farsb	25.0515	24.6907	9	65.565	23.158	28	0.399778	1
Q3TG45;Q99JB5;Q	26S proteasome non-ATPase regul: Psmd8	23.9793	25.1132	5	28.526	12.039	13	0.108281	1
Q6ZWQ5;Q3TGS7;C	Sorting nexin-12 Snx12	25.6748	25.7296	8	18.884	42.525	48	0.976998	1
Q3THA6;Q8BL97	Serine/arginine-rich splicing factor Srsf7	26.4328	26.5005	8	27.377	33.917	36	0.889851	1
Q3TW40;Q3THB3;C	Heterogeneous nuclear ribonucleo Hnrnmp	27.212	26.7104	14	73.769	75.155	45	0.287971	1
Q3THC1;Q9CR00;Q	26S proteasome non-ATPase regul: Psmd9	23.761	24.2269	5	24.692	10.779	5	0.580502	1

Q3THE2;Q6ZWQ9;C Myosin regulatory light chain 12B;I Myl12b;Myl12a	25.7791	26.7149	7	19.779	31.968	66	0.537077	1
Q3THH1;Q922R8;C Protein disulfide-isomerase A6 Pdia6	26.6898	26.7901	10	48.657	276.02	68	0.805046	1
Q3TIG8;Q3THL7;F2 Voltage-dependent anion-selective Vdac1	33.1924	33.2159	18	30.795	323.31	2321	0.960289	1
Q8BU29;Q6NXZ0;C Dipeptidyl peptidase 3 Dpp3	25.2481	27.1673	16	82.882	76.302	32	0.252133	1
Q3THQ5;Q60864 Stress-induced-phosphoprotein 1 Stip1	30.3155	30.1663	36	62.5	323.31	410	0.741316	1
Q99J57;Q3THS6;Q S-adenosylmethionine synthase;S- Mat2a	26.736	26.5997	11	43.688	58.552	63	0.459933	1
Q3THU8;Q8VEM8;C Phosphate carrier protein, mitochc Slc25a3	30.6497	30.7656	18	39.613	281.85	560	0.811427	1
Q3TXV1;Q3TKV1;Q 26S proteasome non-ATPase reguli Psmd2;Gm5422	27.5235	27.7023	24	100.14	102.03	73	0.782302	1
Q6NZD2;Q3U4S1;C Sorting nexin-1 Snx1	25.0939	26.2406	10	58.878	55.689	34	0.364299	1
Q3TIC8;Q9CZ13;Q3 Cytochrome b-c1 complex subunit Uqcrc1	31.4358	31.434	23	52.752	323.31	924	0.995671	1
Q3TIU7;Q91VD9;Q NADH-ubiquinone oxidoreductase Ndufs1	31.356	31.2092	40	79.662	323.31	1034	0.371676	1
Q8C292;Q8C1V4;Q Lysine--tRNA ligase Kars	24.7026	24.8408	9	67.883	23.937	15	0.594653	1
Q3TJ01;Q99LF4 tRNA-splicing ligase RtcB homolog RtcB	26.6674	26.7228	15	55.253	85.7	37	0.807847	1
Q3U3C4;Q3TRJ7;Q Endophilin-A2 Sh3gl1	24.7186	23.6775	13	41.532	31.349	15	0.174542	1
Q6GQU1;Q3TJE3;Q Hexokinase;Hexokinase-1 Hk1	32.4821	32.4122	62	102.3	323.31	1538	0.822589	1
Q3TKM9;Q9CPW4; Actin-related protein 2/3 complex Arpc5	27.5788	27.0536	4	16.228	44.33	66	0.264194	1
Q5SUR3;Q3TL58;Q S-phase kinase-associated protein Skp1a;Skp1	27.0331	26.9376	7	18.672	41.947	57	0.88158	1
Q3TL79;Q8BK64 Activator of 90 kDa heat shock pro Ahsa1	25.472	24.8109	8	38.145	52.259	35	0.683873	1
Q3TMH2 Secernin-3 Scrn3	25.0421	25.0135	8	47.661	26.456	18	0.961971	1
Q3UDF8;Q3UIJ2;Q Eukaryotic translation initiation fac Eif2s3x;Eif2s3y	25.1076	25.4689	5	48.107	16.37	13	0.498117	1
Q542H2;Q3TN31;Q Proteasome subunit alpha type;Prc Psma7	28.1617	29.0496	14	27.855	149.26	173	0.233476	1
Q3TN35;Q8BJU0 Small glutamine-rich tetratricopept Sgta	26.6706	26.5739	10	34.194	39.189	46	0.768234	1
Q3TNH0;Q3UR33;C Lamina-associated polypeptide 2, i Tmpo	24.7778	24.9266	5	46.049	13.668	5	0.868717	1
Q3TPD9;Q3U2X5;C Amine oxidase [flavin-containing] A Maoa	26.2939	26.4149	9	58.786	56.569	42	0.521471	1
Q3TPZ5;Q99KJ8 Dynactin subunit 2 Dctn2	28.8779	28.9947	20	44.116	207.7	170	0.316913	1
Q3TQY2;Q8CBY8 Dynactin subunit 4 Dctn4	24.5774	24.9833	5	52.241	25.465	10	0.410378	1
Q3TR90;Q9JMG7 Hepatoma-derived growth factor-r Hdgfrp3	25.5848	25.2633	6	19.822	12.965	36	0.831007	1
Q3TRJ1;Q9EQH3;Q Vacuolar protein sorting-associate Vps35	29.3336	29.343	33	91.712	323.31	333	0.974008	1
Q3UZI3;Q3TW51;Q Staphylococcal nuclease domain-cc Snd1	24.7462	24.973	10	102.09	30.295	24	0.564797	1
Q3TS44;Q9R1P4;A Proteasome subunit alpha type;Prc Psma1	28.24	28.0121	21	29.546	98.373	136	0.696861	1
Q3TT94;Q6P1F6;Q Serine/threonine-protein phosphat Ppp2r2a	29.7621	29.7721	20	51.691	323.31	275	0.936122	1
Q3UPK6;Q3TUX3;C Proteasome subunit alpha type;Prc Psma5;Gm8394	27.5247	28.1709	9	26.411	65.496	84	0.123804	1
Q8CAJ7;Q3U3I6;Q Aspartyl aminopeptidase Dnpep	27.2644	27.385	13	52.206	59.521	69	0.613737	1

Q3UYP2;Q3TVT6;Q Prenylcysteine oxidase	Pcyox1	24.0069	25.0001	7	56.466	20.315	14	0.442937	1
Q3ULH5;Q3TVV6;C Heterogeneous nuclear ribonucleo	Hnrnpu;Gm280	29.0484	29.1302	26	87.845	323.31	239	0.734182	1
Q3TW28;Q3U4M7; Tripeptidyl-peptidase 2	Tpp2	27.4262	27.3719	25	138.46	90.205	56	0.781141	1
Q3TW74;Q922D8;C C-1-tetrahydrofolate synthase, cyto	Mthfd1	26.1098	25.9851	16	101.17	87.637	46	0.807223	1
Q3TWG5;Q8R1Q8 Cytoplasmic dynein 1 light interme	Dync1li1	28.4053	28.5711	19	56.614	173.44	154	0.381032	1
Q3ULF7;Q3TWJ4;Q Actin-related protein 3	Actr3	29.2909	29.4708	24	47.357	323.31	349	0.447921	1
Q78P93;Q3U646;Q Acid ceramidase;Acid ceramidase s	Asah1	24.4249	25.1881	7	44.669	15.668	13	0.07381	1
Q5RKP0;Q499X4;Q Synaptic vesicle membrane protei	Vat1	27.497	27.5901	14	42.521	168.11	112	0.840538	1
Q8R3R1;Q8JZN2;Q Cold shock domain-containing prot	Csde1	25.6907	25.4086	6	76.86	112.02	17	0.263699	1
Q99JZ4;Q3TXJ4;P3 GTP-binding protein SAR1a	Sar1a	26.8432	25.8444	7	22.399	28.138	45	0.373733	1
Q3TXS7;Q8BU34;Q 26S proteasome non-ATPase regul	Psmc1	25.8569	25.9583	8	105.73	49.127	36	0.589187	1
Q3UXP2;Q3TXT7;Q RuvB-like 2	Ruvbl2	24.817	24.251	5	51.143	15.405	12	0.432288	1
Q3TY78;Q66L47;Q Guanine nucleotide-binding protei	Gnal	28.4311	28.3052	20	44.281	323.31	178	0.63575	1
Q3TYJ0;Q9WUD1 STIP1 homology and U box-contain	Stub1	24.0941	24.7589	7	34.911	18.026	12	0.360462	1
Q8C3Z4;Q3TYK4;Q cAMP-dependent protein kinase ty	Prkar1a	25.9896	26.084	11	45.526	81.761	44	0.856296	1
Q6DFY2;Q3TYL3 Opioid-binding protein/cell adhesio	Opcml	28.2679	28.6623	9	37.156	116.06	94	0.221839	1
Q3TYX3 SET and MYND domain-containing	Smyd5	24.1036	24.8041	7	47.095	23.875	10	0.553043	1
Q3U0T9;Q6PHN9 Ras-related protein Rab-35	Rab35	26.5915	26.2941	7	23.025	31.633	30	0.757824	1
Q3U0V1 Far upstream element-binding prot	Khsrp	27.0861	27.4036	14	76.775	86.862	70	0.065605	1
Q5PPR2;Q3U1G4;C Exocyst complex component 1	Exoc1	24.1101	24.4905	7	100.19	20.302	9	0.505048	1
Q3U1J4;Q91YC8;Q DNA damage-binding protein 1	Ddb1	27.5704	27.5925	22	126.85	111.94	75	0.852308	1
Q3U1N2 Sterol regulatory element-binding p	Srebf2	24.8058	24.8673	2	122.91	3.6683	7	0.954529	1
Q3U5I5;Q3U1Q4;Q Growth factor receptor-bound pro	Grb2	26.9147	27.8951	15	25.238	53.581	84	0.089516	1
Q3U2G2;Q571M2;C Heat shock 70 kDa protein 4	Hspa4	30.9121	30.7567	53	94.208	323.31	570	0.50258	1
Q3U379;Q9QZF2;Q Glypican-1;Secreted glypican-1	Gpc1	26.1382	26.0943	9	61.359	51.534	27	0.752228	1
Q3U484;Q62095 ATP-dependent RNA helicase DDX3	Ddx3y	26.8487	26.6181	14	73.384	97.427	49	0.549527	1
Q3U489;Q9WUR9;C Adenylate kinase 4, mitochondrial	Ak4	25.9723	25.0725	10	25.061	34.273	73	0.56732	1
Q3U4H0;Q61166 Microtubule-associated protein RP	Mapre1	24.6613	26.453	10	30.016	61.69	34	0.293039	1
Q8R0M2;Q3U548;C UTP--glucose-1-phosphate uridylyl	Ugp2	27.4196	27.5754	12	55.497	110.09	84	0.57453	1
Q5XJF6;Q3U561;P5 Ribosomal protein;60S ribosomal p	Rpl10a	25.8012	26.119	8	24.831	20.074	31	0.120765	1
Q9D066;Q924B0;Q Inositol monophosphatase 1	Impa1	28.5393	28.7516	14	30.395	112.13	219	0.541155	1
Q3U630;Q9D0R2;C Threonine--tRNA ligase, cytoplasm	Tars	24.2149	23.982	7	83.396	21.27	14	0.881087	1
Q3UCC6;Q3U6C7;C Succinyl-CoA ligase subunit beta;Su	Sucla2	30.3883	30.1785	27	50.796	323.31	543	0.138051	1

Q3U6G1;Q923D2;E Flavin reductase (NADPH)	Blvrb	26.4153	25.4829	6	22.197	70.237	42	0.377965	1
Q3U6P5;Q9Z204 Heterogeneous nuclear ribonucleo	Hnrnpc	27.6603	27.4035	13	36.905	57.809	100	0.680239	1
Q3U6S1;Q5FWJ3;P Vimentin	Vim	27.8596	27.8303	27	53.673	139.21	77	0.885795	1
Q3U7Z6;Q9DBJ1;Q Phosphoglycerate mutase 1	Pgam1	33.3546	33.5521	21	28.832	323.31	1516	0.476335	1
Q3U8R9;Q3UNH3;(Thioredoxin-like protein 1	Txnl1	25.9099	26.2504	7	32.179	34.604	45	0.38404	1
Q8VHM5;Q3UMT8;Q3U8W9;F7B5B5;Q99KG1;Q3UZI0	Hnrnpr	26.4939	26.7213	14	70.887	43.201	59	0.473738	1
Q3UA17;Q791V5;A Mitochondrial carrier homolog 2	Mtch2	28.2915	28.416	13	33.489	80.249	214	0.714343	1
Q91V28;Q3UAG2;C 6-phosphogluconate dehydrogena	Pgd	26.372	26.3795	11	53.261	71.772	37	0.972065	1
Q3UBP6;Q3UBQ4	Actb	31.6515	31.426	31	41.768	208.7	391	0.642257	1
Q3UC72;Q3UPA3;C Rab GDP dissociation inhibitor beta	Gdi2	31.2949	31.1896	36	57.439	323.31	759	0.099899	1
Q4FJR7;Q3UC76;Q Eukaryotic translation initiation fac	Eif1a;Eif1ax;Gm	24.1887	24.1203	3	16.502	6.2543	5	0.94647	1
Q8C2Q8;Q9D9D7;C ATP synthase subunit gamma;ATP	Atp5c1	31.5	31.4475	15	30.255	308.02	716	0.808955	1
Q3UD67;Q8BGQ7;(Alanine--tRNA ligase, cytoplasmic	Aars	28.657	28.3341	21	106.88	323.31	91	0.337122	1
Q3UDQ7;Q8JZQ2;C AFG3-like protein 2	Afg3l2	25.7263	25.607	12	88.748	62.943	30	0.821673	1
Q9DC36;Q8CDE0;C Flotillin-2	Flot2	25.6784	25.8231	8	47.008	34.207	36	0.242501	1
Q3UEW2;Q9WV69 Dematin	Dmtn	27.9735	27.7008	12	43.069	180.59	100	0.164432	1
Q3UF95;Q9Z1R2;G Large proline-rich protein BAG6	Bag6	25.7228	25.0967	12	119.14	49.444	33	0.485594	1
Q8BNH4;Q3UHC4;(Kinesin-like protein;Kinesin-like prc	Kif3b	23.2228	23.7818	3	85.259	9.7464	5	0.284051	1
Q3V331;Q3UG14;P Guanine nucleotide-binding protein	Gnb5	28.0347	28.032	11	38.765	235.6	118	0.994649	1
Q3UGC8;Q91ZA3 Propionyl-CoA carboxylase alpha cl	Pcca	27.4806	27.4526	23	79.921	135.63	92	0.887224	1
Q3UGM5;Q6PEB6;I MOB-like protein phocein	Mob4	25.0681	25.5951	8	26.002	28.29	35	0.623731	1
Q3UGN1;Q61016;C Guanine nucleotide-binding protein	Gng7	28.2324	28.4382	5	7.4796	60.484	103	0.804191	1
Q3UGR5 Haloacid dehalogenase-like hydrol	Hdhd2	27.4331	27.2806	9	28.73	73.812	124	0.878515	1
Q3UH19;A0A0A0M Microtubule-associated protein;Mi	Mapt	31.488	31.4895	21	44.951	323.31	598	0.995026	1
Q3UH39;Q61330;C Contactin-2	Cntn2	26.3027	25.8686	11	113.24	45	30	0.430357	1
Q3UH59;Q61879;C Myosin-10	Myh10	30.7155	30.6297	95	233.45	323.31	659	0.816843	1
Q3UHD9 Arf-GAP with GTPase, ANK repeat	Agap2	25.1597	25.0928	14	124.51	59.305	26	0.957378	1
Q3UHG5;Q6PDN6;(Tetraspanin;Tetraspanin-7	Tspan7	25.1648	25.6024	3	25.412	22.938	22	0.626107	1
Q3UHH0 AP2-associated protein kinase 1	Aak1	28.6346	28.7148	28	103.35	323.31	178	0.558971	1
Q3UHK5;Q6ZQ49;C Sodium/potassium-transporting AT	Atp1a2	31.0447	31.0024	58	112.22	323.31	541	0.957565	1
Q3UHL1;A0A0A6Yv CaM kinase-like vesicle-associated	Camkv	30.3061	30.3166	25	54.819	323.31	683	0.880846	1
Q3UIH7;Q9JHK4;Q Geranylgeranyl transferase type-2	Rabggta	24.0438	24.4396	8	65.058	18.086	12	0.733911	1
Q3UJ95;Q80XI4 Phosphatidylinositol 5-phosphate	Pip4k2b	26.8196	26.9678	11	47.318	127.01	90	0.438394	1

Q8BSZ8;Q543H0;Q Spermidine synthase	Srm	26.398	26.7576	10	34.019	35.28	88	0.165077	1
Q3ULN6;Q8R127;J Saccharopine dehydrogenase-like c	Sccpdh	25.0644	23.8588	6	35.307	47.562	17	0.401922	1
Q543K5;Q3ULZ3;Q Phosphoserine aminotransferase	Psat1	28.4	28.6037	17	40.472	121.53	262	0.451118	1
Q3UM45	Protein phosphatase 1 regulatory s	29.6864	29.6456	29	41.291	323.31	307	0.797535	1
Q3UMG4	Alpha-internexin	27.9565	28.283	23	37.277	61.372	125	0.239255	1
Q3UMR5	Calcium uniporter protein, mitochc	24.7071	26.1385	6	39.681	27.479	39	0.156964	1
Q3URS8;Q3UNV7;C Myeloid leukemia factor 2	Myf2	26.4774	27.0791	6	28.154	50.1	39	0.445645	1
Q3UPL0;S4R2A9	Protein transport protein Sec31A	26.634	26.5214	15	133.57	142.02	34	0.768808	1
Q3URF1;Q3TY32;Q Synaptopodin	Synpo	29.0165	28.8362	28	74.016	323.31	276	0.443058	1
Q3URG1;Q7TQD2	Tubulin polymerization-promoting	32.1872	32.0007	16	23.574	323.31	340	0.70761	1
Q5M8R9;Q4FJN9;C Farnesyl pyrophosphate synthase	Fdps	24.9098	25.59	5	40.565	46.701	25	0.571692	1
Q3US73;Q9WVK8	Cholesterol 24-hydroxylase	24.068	24.4592	5	56.813	11.231	9	0.507276	1
Q3USC7;Q8VE33	Ganglioside-induced differentiator	25.8727	25.8809	7	41.92	42.292	50	0.990384	1
Q3USR5;Q8OUW2	F-box only protein 2	26.1387	26.3175	9	33.676	50.444	47	0.493363	1
Q3UUG6;A0A0J9YL	TBC1 domain family member 24	24.5015	24.2942	8	63.235	34.016	13	0.869	1
Q3UVL4	Vacuolar protein sorting-associated	25.043	24.7605	7	86.186	27.652	21	0.687185	1
Q3UVN5;Q9CZ44;C NSFL1 cofactor p47	Nsfl1c	27.9542	28.0166	18	40.953	257.74	103	0.846038	1
Q9R0X6;Q9JJ41;Q8 Transporter;Sodium-dependent do	Slc6a3	27.763	27.6268	10	68.774	50.965	52	0.840632	1
Q3UW32;Q9EST5	Acidic leucine-rich nuclear phospho	24.6825	24.691	5	28.285	11.546	12	0.994391	1
Q3UW40;Q8BP67;C 60S ribosomal protein L24	Rpl24	25.7323	26.2808	6	18.252	19.228	37	0.296743	1
Q505N7;Q3UW66;C Sulfurtransferase;3-mercaptopyruv	Mpst	24.5029	25.5348	10	33.039	49.059	33	0.417829	1
Q3UWU7;Q5PR73	GTP-binding protein Di-Ras2	27.0912	27.6431	9	22.498	41.229	97	0.438229	1
Q5BKQ9;Q3UWW9	26S proteasome non-ATPase regul	27.281	27.6895	15	47.436	64.958	72	0.55854	1
Q3UXI9;Q9CXY6	Interleukin enhancer-binding facto	24.384	25.9888	8	43.01	30.501	22	0.17698	1
Q3UY21;Q80YU5;C Myelin-oligodendrocyte glycoprote	Mog	30.8474	30.8179	14	28.374	221.21	705	0.964643	1
Q3UYC0	Protein phosphatase 1H	24.6768	24.5937	7	56.379	32.453	16	0.881611	1
Q3UZJ4;Q61151	Serine/threonine-protein phosphat	25.5796	25.7114	14	50.83	82.323	38	0.912869	1
Q3V028;Z4YJJ5;Q8 Ubiquitin carboxyl-terminal hydro	Cyld	25.6009	25.8107	13	106.62	45.422	25	0.617231	1
Q8BTS0;Q5U222;Q Probable ATP-dependent RNA helic	Ddx5	28.1796	28.2067	22	69.265	71.735	128	0.923549	1
Q921Z9;Q3V100;Q Mannose-6-phosphate isomerase	Mpi	24.0627	24.573	5	46.513	17.636	13	0.556629	1
Q3V117;Q91V92;Q ATP-citrate synthase	Acly	30.2184	30.1664	46	120.79	323.31	491	0.763144	1
Q3V156;Q91XL9;Q Oxysterol-binding protein;Oxysterc	Osbpl1a	25.9788	26.138	8	63.433	77.178	34	0.796442	1
Q3V1R3;Q8K406	Leucine-rich repeat Lgi family men	24.2669	24.1716	4	61.877	13.741	15	0.8619	1

Q3V386;Q8VHI6	Wiskott-Aldrich syndrome protein · Wasf3	25.5052	25.6254	7	55.217	24.744	23	0.482028	1
Q3V3R1	Monofunctional C1-tetrahydrofolate Mthfd1l	27.0088	26.577	11	105.73	100.09	19	0.375088	1
Q3V3U0;Q8CI94;Q	Alpha-1,4 glucan phosphorylase;Gl Pygb	30.9804	31.0093	58	96.715	323.31	924	0.915834	1
Q5PPQ7;Q499X7;Q	Coronin;Coronin-1C Coro1c	28.7809	28.787	19	53.092	275.35	202	0.987457	1
Q4FJK0;Q9CQ62	2,4-dienoyl-CoA reductase, mitoch Decr1	25.5685	25.3743	6	36.213	41.484	35	0.142492	1
Q4FJL2;Q8K0T0	Reticulon;Reticulon-1 Rtn1	30.8227	30.8327	15	83.571	232.2	462	0.983329	1
Q4FJR4;Q922H2;Q	[Pyruvate dehydrogenase (acetyl-ti Pdk3	26.7701	25.7497	8	47.922	76.964	26	0.324536	1
Q4FJT0;Q5BL18;Q6	Matrin-3 Matr3	29.8413	29.7367	33	94.643	323.31	291	0.539698	1
Q4FJU3;Q9DCT8	Cysteine-rich protein 2 Crip2	27.2285	26.1258	6	22.727	60.269	66	0.66154	1
Q4FK36;Q9R0P5	Destrin Dstn	28.9131	29.4374	19	18.521	198.61	309	0.368505	1
Q4FK49;Q9D819;Q	Inorganic pyrophosphatase Ppa1	27.9384	28.1563	14	32.667	183.4	142	0.819361	1
Q9DCZ0;Q9D0J2;Q	ATP synthase subunit delta, mitoch Atp5d	27.8246	26.3687	2	17.558	40.769	69	0.524576	1
Q4FZK2;Q9D8N0;Q	Elongation factor 1-gamma Eef1g	28.5369	28.5152	18	50.06	218.88	154	0.893087	1
Q4KL76;Q64433;Q	10 kDa heat shock protein, mitoch Hspe1;Cpn10-rs	28.418	28.9086	6	10.963	28.575	136	0.39957	1
Q4KMM3;E9Q0A7	Oxidation resistance protein 1 Oxr1	29.2258	29.1641	35	95.911	323.31	215	0.819419	1
Q4QRK2;Q91W09;Q	Ferrochelatase;Ferrochelatase, mit Fech	24.9926	25.4851	12	44.755	31.928	27	0.506505	1
Q4V9W8;Q91ZR1;Q	Ras-related protein Rab-4B Rab4b	24.1782	24.2353	6	23.629	14.275	11	0.914812	1
Q4VA32;Q9CQR4	Acyl-coenzyme A thioesterase 13;A Acot13	28.1861	28.7993	4	15.183	151.03	96	0.572522	1
Q4VA93;P20444	Protein kinase C;Protein kinase C a Prkca	24.4153	25.6366	21	76.823	35.064	24	0.340948	1
Q4VAE6;Q9QUI0;A	Transforming protein RhoA;Rho-re Rhoa;Rhoc	30.3968	30.4233	13	21.782	291.15	362	0.958153	1
Q4VAE8;Q9CQC7;C	NADH dehydrogenase [ubiquinone Ndufb4	29.3312	29.6858	8	15.315	142.58	233	0.474605	1
Q4VBX4;Q9D2M8;Q	Ubiquitin-conjugating enzyme E2 v Ube2v2	29.4884	29.4978	8	16.367	36.374	205	0.986469	1
Q6ZWZ7;Q6PHZ1;C	60S ribosomal protein L17 Rpl17	25.758	24.8536	6	21.397	28.448	33	0.639836	1
Q50HX4;Q50HX2;C	Ras-related protein Rab-14 Rab14	29.4487	29.3612	16	23.897	145.71	263	0.877704	1
Q52L50;Q99JI6	Ras-related protein Rap-1b Rap1b	29.0986	29.2804	13	20.825	146.92	204	0.794338	1
Q540D7;Q9JII6;Q8	Alcohol dehydrogenase [NADP(+)] Ak1a1	29.5011	29.7262	18	36.586	294.02	287	0.049743	1
Q542V3;Q8VE97;Q	Serine/arginine-rich splicing factor Srsf4	24.2842	23.9589	3	56.248	8.3624	13	0.668729	1
Q543N3;Q61792;A	LIM and SH3 domain protein 1 Lasp1	27.2223	27.4741	12	29.994	57.46	77	0.227799	1
Q543N5;Q9QYB1	Chloride intracellular channel prote Clic4	24.4972	24.9771	8	28.729	21.547	25	0.692689	1
Q543P7;Q9WUL7	ADP-ribosylation factor-like proteir Arl3	25.1551	24.7103	7	20.486	53.561	34	0.717015	1
Q543Y7;Q61644;Q	Protein kinase C and casein kinase Pacsin1	31.6429	31.4271	32	50.575	323.31	642	0.332305	1
Q544F6;Q9CQI6	Coactosin-like protein Cotl1	28.2039	27.779	12	15.944	131.72	116	0.694672	1
Q544I1;Q9QYF9;Q	Protein NDRG3 Ndr3	26.6279	26.7662	8	41.555	95.687	43	0.767132	1

Q544M1;Q8K356;C Lymphocyte antigen 6H	Ly6h	26.0448	26.6948	5	14.669	53.916	37	0.416026	1
Q8BUM1;Q544R5;C TAR DNA-binding protein 43	Tardbp	26.4798	26.3545	8	33.634	128.6	48	0.688569	1
Q545G0;Q9R1P1 Proteasome subunit beta type;Pro	Psm3	24.674	25.1577	8	22.965	27.892	48	0.675247	1
Q548F2;Q69ZN0;Q Guanine deaminase	Gda	30.6058	30.6538	31	51.012	323.31	596	0.8377	1
Q54A87;Q9WTT4;E V-type proton ATPase subunit G 2	Atp6v1g2	29.9046	29.1303	9	13.651	323.31	140	0.29862	1
Q8BMQ1;Q54AE3;C Guanine nucleotide-binding protein	Gnb3	25.4554	25.787	4	32.401	8.6403	38	0.858127	1
Q561M1 Acp1 protein	Acp1	25.613	24.6611	6	17.922	42.099	69	0.602742	1
Q564E8;Q9D8E6;Q 60S ribosomal protein L4	Rpl4	27.2194	27.0963	14	47.153	79.365	68	0.588053	1
Q564F2;Q64520;E Guanylate kinase	Guk1	24.2944	24.9084	7	21.918	68.548	38	0.674409	1
Q570Z8;Q7M6Y3;C Phosphatidylinositol-binding clathr	Picalm	25.3986	24.7959	11	72.926	28.011	20	0.596356	1
Q571A2;Q9D4H8;E Cullin-2	Cul2	24.2228	24.7811	14	87.181	41.153	20	0.401808	1
Q58E70;D3Z2H9;Q Tropomyosin alpha-3 chain	Tpm3;Tpm3-rs7	30.5161	30.4231	28	29.02	195.1	355	0.891955	1
Q59J78;Q3TLI6 Mimitin, mitochondrial	Ndufaf2	24.483	24.9954	7	19.628	18.341	21	0.321196	1
Q5DTY9 BTB/POZ domain-containing protei	Kctd16	24.7539	26.2767	8	48.972	28.873	21	0.406893	1
Q5EBJ4 Ermin	Ermn	24.4853	25.465	6	32.148	20.317	17	0.471105	1
Q5EBP9;Q62318;Q Transcription intermediary factor 1	Trim28	27.3202	29.3299	10	88.846	68.398	183	0.334649	1
Q5EBQ0;Q3TX38;Q Voltage-dependent anion-selective	Vdac3	29.5747	29.5904	13	30.884	194.7	320	0.94821	1
Q5F258;Q68FF6 ARF GTPase-activating protein GIT1	Git1	27.4395	27.3097	22	84.194	141.81	83	0.853714	1
Q5GQ64;Q9Z0F7 Gamma-synuclein	Sncg	23.8365	24.7531	3	13.159	16.062	15	0.198147	1
Q5I0W0;Q9CQ7;C ATP synthase F(0) complex subunit	Atp5f1	30.5009	30.858	19	28.948	172.25	487	0.579728	1
Q5J7N1;Q3U2W7;C GTPase KRas;GTPase KRas, N-termi	Kras	24.5574	24.6968	10	21.482	16.097	18	0.919848	1
Q5J8K6;Q5J8K8;Q6 ERC protein 2	Erc2	27.2381	26.9341	20	110.64	129.04	75	0.475394	1
Q5M8N0;Q9CW19;CB1 cannabinoid receptor-interacti	Cnrip1	28.831	28.8114	7	18.612	95.93	108	0.979233	1
Q5M8R0;Q8K2C6 NAD-dependent protein deacylase	Sirt5	23.6653	23.913	4	20.894	17.444	6	0.774383	1
Q5M9P3;Q9CZX8;C 40S ribosomal protein S19	Rps19	26.6422	27.6725	11	16.661	101.7	79	0.264408	1
Q8VC72;Q5M9P5;C NADH dehydrogenase [ubiquinone	Ndufs8	26.9805	26.957	8	24.011	67.271	135	0.988145	1
Q5NCJ9;Q8R1I1 Cytochrome b-c1 complex subunit	Uqcrc1	26.469	25.5499	3	7.4454	13.521	44	0.583154	1
Q5ND51;Q64010;C Adapter molecule crk	Crk	26.8015	27.019	12	33.814	65.767	78	0.375843	1
V9GXJ0;Q5QNQ9;V Collagen alpha-1(XXVII) chain	Col27a1	27.4712	23.1116	2	90.17	5.6948	80	0.092146	1
Q5RJV4;Q7TNU0;Q Phosphoglucomutase-1	Pgm2;Pgm1	29.0766	28.9695	29	61.383	323.31	212	0.340007	1
Q5RKP4;Q8BMR3;C Dolichyl-diphosphooligosaccharide	Rpn1	25.5444	25.2055	8	68.396	25.519	19	0.125285	1
Q5U438;Q5SQB7;C Nucleophosmin	Npm1	27.4521	27.3299	10	32.588	48.768	68	0.795695	1
Q5SQX6;F6QD74;Q Cytoplasmic FMR1-interacting prot	Cyfp2	29.8088	29.6943	52	145.66	323.31	372	0.271016	1

Q5SRA0;Q9R1V7	Disintegrin and metalloproteinase	Adam23	26.2624	26.1707	7	93.042	28.997	36	0.786149	1
Q5SRX1;Q5SXA5;Q	TOM1-like protein 2	Tom1l2	27.7545	27.9595	13	55.662	207.72	108	0.368863	1
Q5SUR0	Phosphoribosylformylglycinamidine	Pfas	24.1214	23.6062	6	144.63	22.256	5	0.594421	1
Q5SWR1;Q9DBG3;I	AP complex subunit beta;AP-2 com	Ap2b1	32.3094	32.3163	59	105.72	323.31	1469	0.871982	1
Q8BK37;Q5SWZ0;C	Phosphoribosyl pyrophosphate syn	Prpsap2	26.4142	25.078	11	40.92	91.331	33	0.296867	1
Q5SX53;Q9CR62;Q	Mitochondrial 2-oxoglutarate/malate	Slc25a11	29.1191	29.3228	16	34.155	187.15	369	0.300999	1
Q5SXR6;Q68FD5;Q	Clathrin heavy chain;Clathrin heavy chain	Clctc;mKIAA0034	34.151	34.1699	116	191.98	323.31	4621	0.823239	1
Q5SYD0;B2RWZ2	Unconventional myosin-IId	Myo1d	25.4055	25.1863	10	116.08	28.491	26	0.289474	1
Q5XK33;Q9CZB0;F	Succinate dehydrogenase cytochrome	Sdhc	24.8318	25.1631	3	18.381	10.207	20	0.842643	1
Q60597;Z4YJV4	2-oxoglutarate dehydrogenase, mitochondrial	Ogdh	30.9175	30.9182	55	116.45	323.31	723	0.995427	1
Q921L6;Q8BNA5;Q	Src substrate cortactin	Cttn	28.6818	28.7042	15	57.086	44.208	79	0.972314	1
Q642K0;Q60605;Q	Myosin light polypeptide 6	Myl6	27.3205	26.1751	7	16.961	33.718	79	0.467105	1
Q60625	Intercellular adhesion molecule 5	Icam5	27.314	27.2569	12	96.944	97.465	61	0.716944	1
Q60668;F6ZV59;G	Heterogeneous nuclear ribonucleoprotein	Hnrnpd	28.8612	28.7603	12	38.354	117.93	213	0.480377	1
Q60676;F7BX26	Serine/threonine-protein phosphatase	Ppp5c	27.0871	27.2051	11	56.876	63.912	84	0.670646	1
Q60692	Proteasome subunit beta type-6	Psm6	26.8041	27.8137	7	25.378	82.878	69	0.37322	1
Q61177;Q60737;Q	Casein kinase II subunit alpha	Csnk2a1	27.9177	28.2772	16	45.179	152.73	147	0.618448	1
Q60749	KH domain-containing, RNA-binding	Khdrbs1	25.6816	25.5368	5	48.37	25.358	25	0.475102	1
Q60771	Claudin-11	Cldn11	29.4952	29.4649	4	22.114	26.234	110	0.976441	1
Q60829	Protein phosphatase 1 regulatory subunit	Ppp1r1b	30.1615	30.2625	12	21.78	323.31	309	0.859698	1
Q60972	Histone-binding protein RBBP4	Rbbp4	24.4052	25.5021	6	47.655	17.421	42	0.151448	1
Q60I30;Q9D892;Q	Inosine triphosphate pyrophosphatase	Itpa	26.6803	26.93	11	21.897	91.846	84	0.847238	1
Q61081	Hsp90 co-chaperone Cdc37;Hsp90	Cdc37	25.4568	24.8384	11	44.593	36.93	26	0.189879	1
Q61171;Q5M9N9;I	Peroxiredoxin-2	Prdx2	31.7654	31.5818	13	21.778	242.71	637	0.521468	1
Q61206;Q8BTA2	Platelet-activating factor acetylhydrolase	Pafah1b2	28.3071	28.1053	7	25.581	87.185	165	0.212603	1
Q61411;Q9R0B8;P	GTPase HRas;GTPase HRas, N-term	Hras	28.2619	29.1057	12	21.298	323.31	177	0.134619	1
Q61425	Hydroxyacyl-coenzyme A dehydrogenase	Hadh	25.8091	26.0096	10	34.463	42.011	45	0.464144	1
Q61548;Q3UI39;E	Clathrin coat assembly protein AP1	Snap91	31.5419	31.4953	26	91.85	323.31	685	0.730563	1
Q61553;A0A0G2JD	Fascin	Fscn1	31.0051	31.0444	27	54.507	323.31	574	0.854922	1
Q61699;E9Q0U7	Heat shock protein 105 kDa	Hsph1	30.0975	30.0286	41	96.406	323.31	397	0.836061	1
Q61753	D-3-phosphoglycerate dehydrogenase	Phgdh	29.3451	29.3088	19	56.585	218.76	271	0.387808	1
Q61768;E9QAK5	Kinesin-1 heavy chain;Kinesin-like	Kif5b	25.4306	25.85	25	109.55	99.24	32	0.749228	1
Q61838	Alpha-2-macroglobulin;Alpha-2-macroglobulin	A2m	23.7703	24.5031	9	165.85	40.049	13	0.523635	1

Q922E1;Q8C1W8;C NAD(P) transhydrogenase, mitochondrion	Nnt	26.5713	26.7434	13	113.88	48.162	49	0.766343	1
Q61990;B2M1R7;C Poly(rC)-binding protein 2	Pcbp2	27.724	27.6348	13	38.221	89.089	113	0.790159	1
Q62048;D3Z375 Astrocytic phosphoprotein PEA-15	Pea15;Pea15a	26.1601	24.677	6	15.054	75.216	69	0.445328	1
Q8C671;Q62093 Serine/arginine-rich splicing factor	Srsf2	26.6393	26.1778	7	29	21.211	27	0.312295	1
Q62108 Disks large homolog 4	Dlg4	30.6189	30.4601	35	80.471	323.31	520	0.593282	1
Q62261;A0A0A0M1 Spectrin beta chain, non-erythrocyte	Sptbn1	33.6277	33.5351	175	274.22	323.31	3902	0.345584	1
Q62277;A4FUR8;F6 Synaptophysin	Syp	29.7665	30.0207	6	34.024	44.472	237	0.521867	1
Q62417;E9Q6A3;E5 Sorbin and SH3 domain-containing	Sorbs1	23.8549	24.003	6	143.07	15.016	9	0.793995	1
Q62418 Drebrin-like protein	Dbnl	27.5817	27.3257	15	48.699	102.44	60	0.627133	1
Q62425;A0A0N4SV Cytochrome c oxidase subunit ND1	Ndufa4	30.1956	30.8238	7	9.3267	70.921	371	0.237449	1
Q63810 Calcineurin subunit B type 1	Ppp3r1	27.5658	27.2564	10	19.3	248.6	69	0.769515	1
Q63844;D3Z3G6;A1 Mitogen-activated protein kinase 3	Mapk3	26.6714	27.1418	21	43.066	156.79	69	0.600486	1
Q91YS7;Q63932;Q1 Dual specificity mitogen-activated protein kinase 2	Map2k2	25.183	25.27	14	44.302	16.532	18	0.907269	1
Q64105;G3UXX3;Q Sepiapterin reductase	Spr	27.8503	28.6663	13	27.883	103.86	171	0.082598	1
Q641P0 Actin-related protein 3B	Actr3b	26.1496	26.2964	15	47.579	57.277	44	0.461524	1
Q64332;Q8CE19 Synapsin-2	Syn2	32.0617	32.5688	30	63.372	323.31	1421	0.300902	1
Q64521;A2AQR0 Glycerol-3-phosphate dehydrogenase	Gpd2	29.4142	29.4018	37	80.953	323.31	387	0.931308	1
Q64727 Vinculin	Vcl	26.6437	26.5714	18	116.72	76.254	44	0.870601	1
Q66JR8 Ptms protein	Ptms	28.2988	28.1313	5	23.158	9.7376	39	0.863838	1
Q66L40;Q8BRU6 Synaptic vesicular amine transporter	Slc18a2	24.6859	25.4804	2	49.297	30.282	23	0.355972	1
Q68FG2;Q3UGZ4 Spectrin beta chain	Sptbn2	31.2655	31.2304	116	270.92	323.31	1038	0.548112	1
Q6A087 MKIAA0302 protein	Sptbn2	26.311	26.2647	97	222.92	30.364	29	0.716013	1
Q6GT24;Q6A0D0;D Peroxiredoxin-6	Prdx6	31.6203	31.6611	21	24.826	323.31	893	0.9201	1
Q6IRU5;Q3TWZ9;Q Clathrin light chain B	Cltb	28.173	27.8482	11	25.171	56.481	85	0.445669	1
Q6NS52 Diacylglycerol kinase beta	Dgkb	27.5959	27.5657	21	90.271	136.58	104	0.930571	1
Q6NZL0 Protein SOGA3	Soga3	25.7957	25.9088	10	103.48	28.775	20	0.397877	1
Q6P069 Sorcin	Sri	25.4105	26.5021	7	21.627	20.053	42	0.230603	1
Q9D689;Q6P1F5;Q Huntingtin-interacting protein 1-related	Hip1r	25.207	25.2127	5	119.37	17.931	12	0.948893	1
Q6P1J1;Q3TXY0;Q3 Crmp1 protein	Crmp1	31.2783	31.2182	35	74.22	323.31	919	0.818792	1
Q6P5F9;Q921J0 Exportin-1	Xpo1	25.0949	26.0669	14	123.09	83.224	34	0.150002	1
Q6P6I8;E0CYM8;Q Tyrosine-protein phosphatase non-receptor type 1	Sirpa;Ptpns1	29.6831	29.7122	14	55.986	323.31	420	0.938022	1
Q6PAC1;Q3U9Q8;C Gelsolin	Gsn	27.4731	27.1383	17	80.762	148.26	64	0.655737	1
Q6PAJ1;A2RRK7 Breakpoint cluster region protein	Bcr	25.8736	25.2697	14	143.07	37.496	19	0.035311	1

Q6PB66	Leucine-rich PPR motif-containing   Lrp	27.1524	27.269	30	156.61	101.8	85	0.680507	1
Q6PF96;Q921G7	Electron transfer flavoprotein-ubiq	24.9068	25.2067	9	61.16	27.374	18	0.820364	1
Q6PHS9;E9Q683	Voltage-dependent calcium channe	25.9848	26.0406	17	130.38	64.148	43	0.949383	1
Q6PJ91;P15626	Glutathione S-transferase Mu 2	23.674	24.5831	12	25.68	11.094	14	0.31252	1
Q6R891	Neurabin-2	27.8823	27.8092	16	89.519	214.79	75	0.852175	1
Q6XE40;O88910	MAGUK p55 subfamily member 3	26.7752	26.8055	14	66.486	103.02	58	0.931727	1
Q6ZPE2	Myotubularin-related protein 5	25.4671	25.8214	11	208.69	35.43	25	0.326274	1
Q6ZPJ3	E2/E3 hybrid ubiquitin-protein liga	26.2565	26.0694	15	140.83	39.78	31	0.582443	1
Q6ZPY3;Q8K596	Sodium/calcium exchanger 2	28.3196	28.5765	19	79.755	128.47	139	0.712737	1
Q6ZQ18	Protein EFR3 homolog B	25.6427	25.8988	9	92.405	36.785	19	0.050419	1
Q6ZQ38;Q3UMI9	Cullin-associated NEDD8-dissociate	30.5781	30.547	56	136.33	323.31	565	0.568917	1
Q6ZQ84;Q9JLV5;E9	Cullin-3	25.7306	25.6161	13	91.276	42.369	35	0.907515	1
Q6ZQE7;Q9Z0P4;Q	Paralemmin-1	28.018	27.9334	13	37.761	230.76	98	0.764646	1
Q6ZWN5;F7CJS8;D	40S ribosomal protein S9	26.4108	25.8681	10	22.591	30.384	74	0.767429	1
Q6ZWS7;Q923T9	Calcium/calmodulin-dependent pr	24.8206	25.591	18	55.96	16.154	33	0.464514	1
Q6ZWV7;G3UWD7	60S ribosomal protein L35	24.0946	24.9498	3	14.552	15.355	33	0.603395	1
Q6ZWX6;Q9CV24	Eukaryotic translation initiation fac	23.3677	24.789	4	36.108	8.8817	9	0.259508	1
Q6ZWZ6;P63323	40S ribosomal protein S12	24.6625	24.6797	5	14.515	13.201	27	0.992976	1
Q71M36	Chondroitin sulfate proteoglycan 5	25.0167	24.6776	5	60.405	22.912	18	0.751272	1
Q76MZ3;Q8C2E1;C	Serine/threonine-protein phosphat	32.3305	32.2958	36	65.322	323.31	996	0.857516	1
Q78IK2	Up-regulated during skeletal muscl	26.4011	24.6435	3	6.3814	41.556	83	0.28228	1
Q78ZM0;Q9CU14;C	Sorting nexin-3	24.826	25.286	9	18.762	24.367	42	0.80941	1
Q7TMB8;A0A0R4J1	Cytoplasmic FMR1-interacting prot	24.3881	24.4745	29	145.24	20.271	11	0.900491	1
Q7TMM9;Q99J49	Tubulin beta-2A chain	33.5311	33.5609	30	49.906	323.31	1760	0.923619	1
Q8K5D8;Q91V89;Q	Protein phosphatase 2a regulatory	27.2902	27.329	17	65.312	120.33	78	0.917242	1
Q7TNR6	Immunoglobulin superfamily mem	23.414	23.4528	3	51.937	6.468	4	0.91474	1
Q8CHM5;Q7TPD5;C	Ribosomal protein S6 kinase;Ribos	25.1939	24.9956	8	79.907	23.001	15	0.79643	1
Q7TPG1;Q7TPG2;Q	cAMP and cAMP-inhibited cGMP 3	29.6168	29.6726	40	87.794	323.31	364	0.841925	1
Q7TPM6	Fibronectin type III and SPRY doma	23.8379	24.3184	9	55.524	24.504	19	0.616442	1
Q7TQI3;D3YWF6;D	Ubiquitin thioesterase OTUB1	29.7862	29.8391	14	31.27	217.59	406	0.725166	1
Q7TSJ2;A0A140LIT	Microtubule-associated protein 6	31.9277	31.9076	63	96.449	323.31	1256	0.935852	1
Q80SW1	Putative adenosylhomocysteinase	29.5968	29.4587	24	58.951	304.49	214	0.379809	1
Q80TB8;Q8BL94	Synaptic vesicle membrane proteir	28.5313	28.1625	20	45.817	200.16	203	0.467364	1

Q80TH1;Q52KF7;A: Disks large homolog 3	Dlg3	27.2088	26.9344	23	103.83	113.81	60	0.600414	1
Q80TJ1;K4DI76;J3C Calcium-dependent secretion activ	Cadps	29.9489	30.0107	44	153.11	323.31	508	0.437438	1
Q80TL4;F6SBE4 Protein KIAA1045	Kiaa1045;N281	30.0902	30.135	22	45.222	323.31	386	0.714342	1
Q80TT4;Q9CZW5;C Mitochondrial import receptor sub	Tomm70a	30.1556	30.0886	30	69.531	323.31	500	0.816042	1
Q80TZ3 Putative tyrosine-protein phosphat	Dnajc6	28.633	28.8241	27	102.3	143.87	179	0.560652	1
Q80U23 Syntaphilin	Snph	25.0687	23.9901	4	53.752	13.276	6	0.247105	1
Q80U56 Late secretory pathway protein AV	Avl9	23.621	24.4532	7	72.185	22.843	10	0.098023	1
Q80UE4;Q811B2;B: Band 4.1-like protein 2	Epb4.1l2;Epb41	28.4948	28.3922	29	88.461	234.33	117	0.844655	1
Q80UU9 Membrane-associated progesteror	Pgrmc2	22.8681	24.6612	6	23.334	11.973	18	0.002925	1
Q80VM5;Q5U4C2;I: Dipeptidyl aminopeptidase-like	prc Dpp6	29.1287	29.0956	23	91.213	259.04	182	0.801177	1
Q80VP1 Epsin-1	Epn1	27.8797	27.6358	9	60.211	140.55	106	0.525816	1
Q80X54;Q91YJ2 Sorting nexin-4	Snx4	24.1648	24.421	5	47.04	14.928	14	0.82954	1
Q80X80;Q3U590;Q: C2 domain-containing protein 2-lik	C2cd2l;mKIAA0	26.9172	27.1224	17	76.328	232.42	76	0.691308	1
Q80X95;G3UYP1;Q: Ras-related GTP-binding protein A; R	Raga;Rragb	23.7381	24.3296	4	36.566	11.927	9	0.590605	1
Q80XN0;D3Z2Y8 D-beta-hydroxybutyrate dehydroge	r Bdh1	27.0726	27.2504	13	38.299	90.623	160	0.844313	1
Q80Y09;Q9WU78;C: Programmed cell death 6-interacti	r Pcdcd6ip	27.7413	27.1557	27	96.31	193.25	81	0.466951	1
Q810U3 Neurofascin	Nfasc	24.2509	24.8476	40	137.97	125.6	25	0.690536	1
Q810U4 Neuronal cell adhesion molecule	Nrcam	29.1653	28.9377	24	138.52	304.37	140	0.259095	1
Q8BFR5 Elongation factor Tu, mitochondria	Tufm	30.4879	30.6174	25	49.508	323.31	537	0.527765	1
Q8BG39 Synaptic vesicle glycoprotein 2B	Sv2b	28.1466	28.2965	11	77.456	85.535	144	0.828801	1
Q8BG51 Mitochondrial Rho GTPase 1	Rhot1	24.4622	24.8596	5	72.241	14.294	19	0.52671	1
Q8BGB7 Enolase-phosphatase E1	Enoph1	25.5332	25.5853	6	28.6	56.859	40	0.968619	1
Q8BGH2 Sorting and assembly machinery cc	Samm50	27.5504	27.8487	16	51.863	150.77	112	0.101882	1
Q8BGT8;F7D3N3;F: Phytanoyl-CoA hydroxylase-interac	r Phyhipl	26.252	27.5827	14	42.34	44.104	51	0.23401	1
Q8BGX2 Uncharacterized protein C19orf52 homolog		24.5214	25.0116	6	29.415	22.472	15	0.477526	1
Q8BH44;G3UW48 Coronin-2B;Coronin	Coro2b	26.6415	26.7036	10	54.936	34.813	46	0.728217	1
Q8BH59 Calcium-binding mitochondrial carr	Slc25a12	31.5704	31.4394	41	74.569	323.31	1571	0.546578	1
Q8BH66;Q6PGE9 Atlastin-1	Atl1	26.8738	26.7914	15	63.377	46.318	59	0.799664	1
Q8BH80;Q9QY76;C: Vesicle-associated membrane prot	Vapb	27.4434	26.3849	9	26.918	32.723	68	0.390713	1
Q8BH95 Enoyl-CoA hydratase, mitochondria	Echs1	27.9067	28.7014	12	31.474	111.42	162	0.188532	1
Q8BHE3 Caytaxin	Atcay	25.2228	25.3066	8	42.178	34.378	35	0.923404	1
Q8BHL3 TBC1 domain family member 10B	Tbc1d10b	24.0718	25.2297	6	87.274	17.66	12	0.083913	1
Q8BHZ0;Q9CWE1 Protein FAM49A	Fam49a	24.7901	24.6376	7	37.342	15.966	20	0.761098	1

Q8BIJ6;E9PWN2;E9	Isoleucine--tRNA ligase, mitochond	Iars2	27.7737	27.9371	24	112.8	127.71	92	0.38767	1
Q8BJH1	Zinc finger C2HC domain-containin	Zc2hc1a	26.8181	26.5767	12	35.152	37.326	41	0.313424	1
Q8BJY1	26S proteasome non-ATPase regul	Psmd5	28.0942	28.045	11	55.971	64.717	31	0.796773	1
Q8BKC5;Q3TT04;Q	Importin-5	Ipo5	26.9716	26.9935	17	123.59	139.14	45	0.952843	1
Q8BKS6;Q8C167	Prolyl endopeptidase-like	Prepl	24.4971	24.2788	11	75.909	58.933	17	0.887746	1
Q8BKZ9	Pyruvate dehydrogenase protein X	Pdhx	28.1298	28.0126	13	53.998	90.712	94	0.523584	1
Q8BL66;Q05CS7	Early endosome antigen 1	Eea1	24.9446	25.8227	9	160.91	36.731	13	0.485457	1
Q8BLE7;A0A0R4J0	Vesicular glutamate transporter 2	Slc17a6	24.1137	25.3444	9	64.56	13.306	12	0.419063	1
Q8BMF3	NADP-dependent malic enzyme, m	Me3	27.5077	27.2002	16	67.098	321.24	68	0.532803	1
Q8BMF4	Dihydrolipoyllysine-residue acetyl	Dlat	30.5853	30.6185	18	67.941	323.31	641	0.885823	1
Q8BMS1;Q3TB39	Trifunctional enzyme subunit alpha	Hadha	28.1409	28.1693	24	82.669	323.31	109	0.918956	1
Q8BNU0	Armadillo repeat-containing protei	Armc6	24.7217	24.8192	4	50.683	21.263	13	0.549813	1
Q8BNW9	Kelch repeat and BTB domain-cont	Kbtbd11	26.7421	26.5028	14	67.945	49.686	53	0.317253	1
Q8BNY6	Neuronal calcium sensor 1	Ncs1	24.6964	23.7348	3	21.878	9.1817	8	0.328475	1
Q8BP47	Asparagine--tRNA ligase, cytoplas	Nars	26.1325	26.0007	15	64.279	52.249	79	0.359118	1
Q9JJ43;Q8BP71;Q8	RNA binding protein fox-1 homolo	Rbfox1;Rbfox2;	25.069	25.2461	5	42.678	17.837	12	0.860188	1
Q8BPH0;Q8CCV1;C	Eukaryotic peptide chain release fa	Gspt1;Gspt2	26.2924	26.5309	11	49.293	44.525	22	0.31035	1
Q8C5G6;Q8BQL7;C	Toll-interacting protein	Tollip	26.4722	25.8587	5	24.54	33.886	69	0.480861	1
Q8BRQ9;Q925N0	Sideroflexin;Sideroflexin-5	Sfxn5	26.6219	27.0967	6	32.783	32.123	50	0.320178	1
Q8BTG7	Protein NDRG4	Ndrg4	26.8268	27.4807	10	38.508	107.88	79	0.333052	1
Q8BU20;Q9CQH3;E	NADH dehydrogenase [ubiquinone	Ndufb5	26.9047	27.0359	8	21.738	46.848	91	0.884456	1
Q8BVI4;D3YWR7;A	Dihydropteridine reductase	Qdpr	29.9515	30.0874	16	25.57	267.99	378	0.708711	1
Q8BVQ5	Protein phosphatase methylestera	Ppme1	26.4698	26.6398	10	42.256	48.757	71	0.372301	1
Q8BVU5	ADP-ribose pyrophosphatase, mito	Nudt9	23.8265	23.8689	3	38.604	5.7592	5	0.932869	1
Q8BW75	Amine oxidase [flavin-containing]	E Maob	26.3389	25.1555	11	58.557	57.367	34	0.424938	1
Q8BWM0	Prostaglandin E synthase 2;Prostag	Ptges2	24.8968	25.1007	7	43.323	24.802	15	0.682539	1
Q8BWT1;Q3UKH3	3-ketoacyl-CoA thiolase, mitochond	Acaa2	27.8582	28.1481	19	41.829	176.35	141	0.270043	1
Q8BXZ1	Protein disulfide-isomerase TMX3	Tmx3	24.2866	24.3044	4	51.847	10.002	10	0.983531	1
Q8BYI9	Tenascin-R	Tnr	30.8246	30.7374	32	149.59	323.31	696	0.571534	1
Q8C0C7;E9PWW9;C	Phenylalanine--tRNA ligase alpha	si Farsa	25.7536	25.8008	8	57.598	43.916	25	0.809405	1
Q8C0E2	Vacuolar protein sorting-associater	Vps26b	24.051	26.0356	11	39.124	33.783	36	0.128448	1
Q8C0M9	Isoaspartyl peptidase/L-asparagina	Asrgl1	26.315	27.1004	11	33.95	98.941	86	0.302001	1
Q8C0Y2;Q9QYB8	Beta-adducin	Add2	29.0198	29.0345	28	77.853	323.31	238	0.922131	1

Q8C163;E9PZS5	Nuclease EXOG, mitochondrial	Exog	25.5832	25.6934	8	41.383	39.503	30	0.632336	1
Q8C2D1;Q9D094;C	Histidine--tRNA ligase, cytoplasmic	Hars	26.1375	26.1275	12	57.402	31.96	24	0.978929	1
Q8C419;Q8C3D0;Q	Probable G-protein coupled recept	Gpr158	24.9958	25.552	11	134.42	31.724	28	0.441913	1
Q8VC93;Q8C460;A	ERI1 exoribonuclease 3	Eri3	24.6956	24.6289	3	29.682	8.2427	13	0.94964	1
Q8C4E7;Q8C8N2;Q	Protein SCAI	Scai	23.4878	24.2377	4	61.024	28.434	16	0.492192	1
Q8C553	Uncharacterized protein	Lmnb1	26.9243	26.2949	13	47.49	27.334	20	0.16505	1
Q8C5H8;Q9CUB4;C	NAD kinase 2, mitochondrial	Nadk2	24.2458	24.6925	5	50.858	15.707	22	0.165182	1
Q8C605;Q9WUA3	ATP-dependent 6-phosphofructoki	Pfcp	30.2751	30.3048	36	85.546	323.31	573	0.903721	1
Q8C845;Q9D8Y0	EF-hand domain-containing proteir	Efhd2	29.0121	28.9448	17	26.8	169.78	215	0.876267	1
Q8C854;A2ATP5;A	Myelin expression factor 2	Myef2	26.881	27.0865	8	63.294	24.802	39	0.737133	1
Q8CAA7;I6L9A5	Glucose 1,6-bisphosphate synthase	Pgm2l1	28.0991	28.07	21	70.279	77.494	144	0.870764	1
Q8CAQ8;Q2YDW0	MICOS complex subunit	Mic60	30.5359	30.5104	50	83.899	323.31	604	0.913808	1
Q8CBE3;Q3UK24;H	WD repeat-containing protein 37	Wdr37	27.1007	27.1689	14	55.045	89.017	81	0.786256	1
Q8CC13;Q35643;Q	AP complex subunit beta;AP-1 com	Ap1b1	29.6282	29.6607	51	105	323.31	207	0.727937	1
Q8CFX3;Q8QZT6	Protocadherin 1	Pcdh1	26.3329	26.1704	13	112.41	245.33	37	0.769085	1
Q8CG76	Aflatoxin B1 aldehyde reductase m	Akr7a2	26.2765	26.9191	10	40.612	38.45	41	0.322927	1
Q8CGA0	Protein phosphatase 1F	Ppm1f	24.2996	24.3516	3	49.61	16.476	13	0.939245	1
Q8CGC7;B9EIU1	Bifunctional glutamate/proline--tRI	Eprs	26.3055	26.217	13	170.08	51.078	34	0.672286	1
Q8CGF6;Q8C8E3	WD repeat-containing protein 47	Wdr47	26.4564	25.2668	12	102.31	38.624	26	0.39092	1
Q8CGK3;Q3V2D0	Lon protease homolog, mitochondi	Lonp1	27.4245	27.481	26	105.84	309.67	110	0.723473	1
Q8CGY8	UDP-N-acetylglucosamine--peptide	Ogt	26.8702	26.4856	32	116.95	126.01	56	0.59996	1
Q8CHP8;Q5XK18	Phosphoglycolate phosphatase	Pgp	27.3288	27.3393	12	34.54	195.64	88	0.982152	1
Q8CI32	BAG family molecular chaperone r	Bag5	24.222	23.7082	5	50.942	16.504	8	0.041555	1
Q8CI71	Coiled-coil domain-containing prot	Ccdc132	23.7641	24.6321	7	111.17	18.882	10	0.269474	1
Q8CIN4;Q811J8;Q5	Serine/threonine-protein kinase P	Pak2	24.6456	24.6057	13	57.93	14.88	22	0.953478	1
Q8JZN5	Acyl-CoA dehydrogenase family m	Acad9	24.1016	24.1145	8	68.721	31.549	16	0.989839	1
Q8JZS0	Protein lin-7 homolog A	Lin7a	28.6357	28.9539	8	25.992	33.164	122	0.63065	1
Q8JZU2;F6VVY4	Tricarboxylate transport protein, r	Slc25a1	24.4181	24.473	5	33.931	10.618	11	0.967945	1
Q8JZW4	Copine-5	Cpne5	27.7603	27.7914	15	65.592	174.56	182	0.915899	1
Q8K0E9;Q9DBB8	Trans-1,2-dihydrobenzene-1,2-diol	Dhdh	23.8805	24.2713	3	36.641	14.153	11	0.405338	1
Q8K0G5	Protein TSSC1	Tssc1	25.199	25.3694	5	43.126	31.215	12	0.443101	1
Q8K0U4	Heat shock 70 kDa protein 12A	Hspa12a	29.8424	29.7616	39	74.87	323.31	377	0.62662	1
Q8K183;D3Z7R1	Pyridoxal kinase	Pdxk	30.8619	30.7111	17	35.015	323.31	450	0.18423	1

Q8K212;Q3TP27;Q	Phosphofurin acidic cluster sorting	Pacs1	26.7541	27.0812	18	104.83	64.49	76	0.317765	1
Q8K232;Q9QYC0;F	Alpha-adducin	Add1	30.5975	30.4959	32	80.623	323.31	494	0.614196	1
Q8K274	Ketosamine-3-kinase	Fn3krp	24.8585	25.741	5	34.468	24.565	24	0.372042	1
Q8K2B3	Succinate dehydrogenase [ubiquin	Sdha	30.7851	30.7274	33	72.585	323.31	578	0.695165	1
Q8K2C9	Very-long-chain (3R)-3-hydroxyacyl	Hacd3	25.3779	25.9768	5	43.131	16.201	27	0.433258	1
Q8K354	Carbonyl reductase [NADPH] 3	Cbr3	28.2371	28.5321	16	30.953	127.07	139	0.547983	1
Q8K394	Inactive phospholipase C-like prote	Plcl2	25.104	24.8973	8	125.77	19.163	10	0.869403	1
Q8K3H0	DCC-interacting protein 13-alpha	Appl1	26.1645	26.6749	12	79.327	51.719	33	0.327747	1
Q8K4Z3	NAD(P)H-hydrate epimerase	Apoa1bp	27.4284	27.0367	8	30.972	43.336	72	0.768193	1
Q8QZS1;E0CX19	3-hydroxyisobutyryl-CoA hydrolase	Hibch	26.5963	25.4806	12	43.037	33.727	46	0.399905	1
Q8QZT1;Q3TQP7	Acetyl-CoA acetyltransferase, mito	Acat1	30.7378	30.79	25	44.816	323.31	510	0.848741	1
Q8QZT2	Centriole, cilia and spindle-associa	Ccsap	24.3213	24.9391	5	28.378	15.556	14	0.483108	1
Q8QZV4;E9P XK4	Serine/threonine-protein kinase 32	Stk32c	24.5472	24.52	6	55.262	44.355	16	0.983145	1
Q8R016	Bleomycin hydrolase	Blmh	27.558	27.5455	14	52.511	70.794	72	0.952216	1
Q8R071	Inositol-trisphosphate 3-kinase A	Itpka	26.8603	27.2748	15	50.934	101.49	77	0.088988	1
Q8R0Y6;Q8CIF2	Cytosolic 10-formyltetrahydrofolat	Aldh1l1	28.026	27.8929	27	98.708	158.78	109	0.514462	1
Q8R191	Synaptogyrin-3	Syng3	27.9735	28.2718	5	24.561	57.83	75	0.686243	1
Q8R1B4	Eukaryotic translation initiation fac	Eif3c	24.2618	24.3739	9	105.53	22.744	11	0.92812	1
Q8R2R9	AP-3 complex subunit mu-2	Ap3m2	25.7299	24.1433	7	46.916	22.451	24	0.166662	1
Q8R326	Paraspeckle component 1	Pspc1	27.225	27.1797	11	58.758	41.927	42	0.82267	1
Q8R3P0;V9GXG0;B	Aspartoacylase	Aspa	26.9156	27.2603	12	35.344	49.273	73	0.15674	1
Q8R464	Cell adhesion molecule 4	Cadm4	27.6978	27.8055	11	42.723	101.17	93	0.726512	1
Q8R570;B2FDF6;I7	Synaptosomal-associated protein 4	Snap47	25.4696	24.8163	7	46.524	108.39	34	0.668725	1
Q8R5C5;Q8R1B2	Beta-centractin	Actr1b	26.7672	25.5981	14	42.281	166.17	53	0.485737	1
Q8R5H6	Wiskott-Aldrich syndrome protein	Wasf1	28.9158	28.7572	14	61.508	202.56	140	0.74224	1
Q8R5L1;O35658	Complement component 1 Q subco	C1qbp	24.5714	25.7897	4	31.025	26.744	48	0.379718	1
Q8VBV7	COP9 signalosome complex subuni	Cops8	26.0555	25.3995	6	23.255	87.793	44	0.698582	1
Q8VCT3;Q8BMH2;F	Aminopeptidase B	Rnpap	26.715	26.4619	8	72.415	110.98	41	0.10629	1
Q8VCW8	Acyl-CoA synthetase family memb	Acsf2	26.5515	26.6447	13	67.95	124.32	31	0.821008	1
Q8VD37	SH3-containing GRB2-like protein 3	Sgip1	28.2418	28.2216	23	86.062	273.7	117	0.933938	1
Q8VDD5	Myosin-9	Myh9	26.6409	26.7115	35	226.37	80.572	47	0.701772	1
Q8VDK1;D3Z2Y2;D	Nitrilase homolog 1	Nit1	25.0424	24.4564	6	35.705	80.756	22	0.645657	1
Q8VDK4;Q9WTR5;C	Cadherin-13	Cdh13	25.4785	25.5554	5	78.116	53.584	23	0.915039	1

Q8VDN2;Q3TXF9;Q Sodium/potassium-transporting AT	Atp1a1	31.3716	31.4475	57	112.98	323.31	707	0.928466	1
Q8VE70;F8WI55;Q Programmed cell death protein 10	Pdcd10	23.648	24.627	5	24.715	21.824	25	0.357827	1
Q8VED9	Galectin-related protein Lgalsl	26.8787	28.2377	8	18.955	34.874	107	0.341791	1
Q8VEH5	EPM2A-interacting protein 1 Epm2aip1	23.8051	24.4052	6	70.095	49.053	13	0.657397	1
Q8VHL1	Histone-lysine N-methyltransferase Setd7	25.2149	25.6101	7	40.506	38.066	17	0.502329	1
Q8VIJ6;Q3TZL2	Splicing factor, proline- and glutam Sfpq	28.6666	28.6502	18	75.441	291.27	139	0.97373	1
Q8VIM9	Immunity-related GTPase family Q Irgq	23.9861	24.6003	3	59.323	8.0547	6	0.381123	1
Q91V55;D3YYM6;D 40S ribosomal protein S5;40S ribos	Rps5	25.8151	26.315	10	22.876	74.153	54	0.813946	1
Q91V61;Q3U4F0	Sideroflexin-3 Sfxn3	30.0167	30.0453	16	35.406	323.31	501	0.953469	1
Q91VA7	Isocitrate dehydrogenase [NAD] su Idh3b	30.8191	30.8338	25	42.194	323.31	634	0.977764	1
Q91VB8;Q9CY10;Q Hemoglobin subunit alpha	haemaglobin al	33.2793	33.1971	10	15.112	283.63	1098	0.817677	1
Q91VM9;D3Z636	Inorganic pyrophosphatase 2, mito Ppa2	27.1137	27.4387	15	38.114	69.536	126	0.635462	1
Q922B8;Q91VR5;Q ATP-dependent RNA helicase DDX1	Ddx1	25.4732	25.1738	19	82.612	162.6	40	0.85745	1
Q91VR7	Microtubule-associated proteins 1/ Map1lc3a	26.5188	26.5954	4	14.272	12.256	78	0.971278	1
Q91VZ6;D3YVX4	Stromal membrane-associated pro Smap1	26.8372	26.4883	5	47.66	47.391	43	0.634024	1
Q91WD5;D3YXT0	NADH dehydrogenase [ubiquinone Ndufs2	29.7648	29.7682	22	52.625	323.31	439	0.990415	1
Q91WS0	CDGSH iron-sulfur domain-containi Cisd1	29.2669	29.2985	6	12.097	197.93	349	0.9472	1
Q91X97;D3YVA2;D Neurocalcin-delta	Ncald	26.4971	26.3518	11	22.245	47.165	50	0.814152	1
Q91XM9;E9Q2L2;D Disks large homolog 2	Dlg2	28.7401	28.5625	33	94.879	213.39	186	0.57364	1
Q91XU3	Phosphatidylinositol 5-phosphate 4 Pip4k2c	25.4336	25.6636	7	47.335	131.27	27	0.722637	1
Q91XV3	Brain acid soluble protein 1 Basp1	32.5676	32.6238	19	22.086	323.31	574	0.874576	1
Q91Z31;A0A0G2JG	Polypyrimidine tract-binding protei Ptbp2	25.9051	26.1601	11	57.488	43.165	19	0.583586	1
Q91ZP9;Q3B7X9;Q N-terminal EF-hand calcium-bindin	Necab2	27.0662	26.9203	15	43.44	54.211	90	0.78711	1
Q91ZZ3	Beta-synuclein Sncb	29.1387	27.7945	6	14.051	215.06	150	0.623769	1
Q920I9;Q05CF1	WD repeat-containing protein 7 Wdr7	28.6419	28.7057	35	163.45	323.31	164	0.860019	1
Q921I1;E9Q035	Serotransferrin Tf;Gm20425	27.6489	27.3197	30	76.723	323.31	128	0.70014	1
Q921M7	Protein FAM49B Fam49b	28.2239	27.9937	15	36.776	122.15	257	0.722964	1
Q921Q7	Ras and Rab interactor 1 Rin1	24.1404	24.196	8	83.013	26.95	15	0.971631	1
Q921V3;Q9Z1J3	Cysteine desulfurase, mitochondria Nfs1	25.4915	25.4268	9	50.584	25.246	22	0.857786	1
Q922Q1	Mitochondrial amidoxime reducing Marc2	26.3239	25.9836	11	38.194	60.629	36	0.307182	1
Q923G3;A2AMW0; F-actin-capping protein subunit bet	Capzb	29.0019	29.125	20	30.628	216.44	321	0.505604	1
Q925I1	ATPase family AAA domain-contair Atad3	25.9599	25.7762	9	66.741	27.556	26	0.320955	1
Q99J08	SEC14-like protein 2 Sec14l2	24.6677	24.296	7	46.3	17.406	10	0.718177	1

Q99J83	Autophagy protein 5	Atg5	24.7639	24.6579	3	32.402	13.854	12	0.843593	1
Q99JI4	26S proteasome non-ATPase regul	Psmc6	25.268	25.9719	9	45.536	38.933	36	0.303759	1
Q99JP7	Gamma-glutamyltransferase 7;	Gan Ggt7	24.6888	24.572	7	70.251	21.405	17	0.909443	1
Q99JR1	Sideroflexin-1	Sfxn1	26.2669	26.5817	10	35.649	55.79	41	0.25141	1
Q99JX6	Annexin	Anxa6	29.3434	29.2487	37	75.26	239.98	479	0.76815	1
Q99JY0	Trifunctional enzyme subunit beta,	Hadhb	27.0665	26.708	18	51.386	84.628	84	0.595396	1
Q99JY8	Lipid phosphate phosphohydrolase	Ppap2b	25.0623	25.4879	4	35.216	12.136	25	0.710961	1
Q99KE1;Q3TSD4	NAD-dependent malic enzyme, mit	Me2	24.3271	24.9547	9	65.798	25.052	21	0.546438	1
Q99KI0	Aconitate hydratase, mitochondria	Aco2	32.9537	33.4674	49	85.462	323.31	2448	0.484231	1
Q99L13;A0ZNJ2	3-hydroxyisobutyrate dehydrogen	Hibadh	27.2608	27.2375	12	35.44	91.025	117	0.980755	1
Q99L43;A2AMQ5;C	Phosphatidate cytidyltransferase	Cds2	26.3506	26.3365	6	51.313	27.421	29	0.985862	1
Q99LB6	Methionine adenosyltransferase 2	Mat2b	25.7412	25.2261	7	37.392	57.168	49	0.565651	1
Q99LC3	NADH dehydrogenase [ubiquinone	Ndufa10	29.9457	29.8121	18	40.603	321.27	453	0.548426	1
Q99LC5	Electron transfer flavoprotein subu	Etfa	29.4281	29.3571	16	35.009	225.61	208	0.862475	1
Q99LP6;Q3UTB8	GrpE protein homolog 1, mitochon	Grpel1	24.8664	25.263	7	24.307	17.549	29	0.672196	1
Q99LR1;D6RFU2	Monoacylglycerol lipase ABHD12	Abhd12	25.6766	25.487	14	45.269	45.559	47	0.732577	1
Q99LS3;A0A0J9YVF	Phosphoserine phosphatase	Psph	23.8721	26.0679	5	25.096	16.125	24	0.011405	1
Q99LY9;B1ARW4	NADH dehydrogenase [ubiquinone	Ndufs5	26.2331	27.1354	9	12.648	49.911	92	0.564144	1
Q99M71	Mammalian ependymin-related pr	Epdr1	25.7733	27.3233	7	25.485	35.8	62	0.109752	1
Q99MN9;E9Q1J7;C	Propionyl-CoA carboxylase beta ch	Pccb	27.2328	27.3443	15	58.408	92.081	60	0.79231	1
Q99MR8;Q3TVD9	Methylcrotonoyl-CoA carboxylase	Mccc1	24.7638	25.2792	13	79.343	39.82	22	0.609243	1
Q99N15;Q9CYT3;A	3-hydroxyacyl-CoA dehydrogenase	Hsd17b10	27.0788	26.9476	13	27.273	80.697	128	0.844488	1
Q99P72	Reticulon-4	Rtn4	29.3837	29.3531	26	126.61	282.65	211	0.935591	1
Q99PL6;Q6KAM0	UBX domain-containing protein 6	Ubxn6	27.1624	26.9145	13	49.795	92.056	51	0.446074	1
Q99PT1	Rho GDP-dissociation inhibitor 1	Arhgdia	30.4795	30.9111	14	23.407	323.31	442	0.431395	1
Q99PU5	Long-chain-fatty-acid--CoA ligase	Acsbg1	25.9285	26.2518	14	80.425	94.345	41	0.25379	1
Q9CPP6;Q9CX78	NADH dehydrogenase [ubiquinone	Ndufa5	26.662	27.7574	7	13.36	116.72	74	0.368236	1
Q9CPQ1	Cytochrome c oxidase subunit 6C	Cox6c	29.6984	30.4602	8	8.4689	52.361	274	0.197285	1
Q9D037;Q9CQY3;C	ATP synthase subunit g, mitochond	Atp5l	29.099	29.0339	4	11.364	71.529	236	0.931585	1
Q9CPS6;E9Q7F8;F8	Histidine triad nucleotide-binding	Hint3	24.5351	23.762	2	18.787	5.5649	7	0.123877	1
Q9CPU4	Microsomal glutathione S-transfer	Mgst3	25.4773	25.9039	5	16.958	116.21	52	0.543006	1
Q9CPV4;E9Q197;F	Glyoxalase domain-containing prot	Glod4	29.2275	29.414	19	33.316	243.95	274	0.681237	1
Q9CPY7	Cytosol aminopeptidase	Lap3	27.8637	28.0282	22	56.141	160.04	158	0.420123	1

Q9CQ54;Q9D846;A	NADH dehydrogenase [ubiquinone]	Ndufc2	26.2112	26.916	8	14.164	27.483	107	0.383671	1
Q9CQ60;Q8CBG6;L	6-phosphogluconolactonase	Pgls	26.7423	26.8297	10	27.254	41.364	65	0.833122	1
Q9CQ69	Cytochrome b-c1 complex subunit	Uqcrcq	28.6768	28.1868	8	9.7681	40.71	163	0.268961	1
Q9CQ75	NADH dehydrogenase [ubiquinone]	Ndufa2	26.6065	27.2099	4	10.916	53.993	107	0.509707	1
Q9CQ92;G3X9U9	Mitochondrial fission 1 protein	Fis1	25.0793	25.0261	5	17.008	34.394	26	0.972465	1
Q9CQB4;Q9D855	Cytochrome b-c1 complex subunit	Uqcrb	28.1251	29.2023	11	13.561	94.583	165	0.277592	1
Q9CQD1	Ras-related protein Rab-5A	Rab5a	26.7506	26.2768	7	23.598	36.997	65	0.084143	1
Q9CQF3;Q9CZQ0;A	Cleavage and polyadenylation spec	Nudt21	25.5973	25.7831	8	26.24	40.14	34	0.757418	1
Q9CQJ8	NADH dehydrogenase [ubiquinone]	Ndufb9	27.8693	27.5834	13	21.984	205.09	183	0.839169	1
Q9CQM9;A0A1B0G	Glutaredoxin-3	Glrx3	25.0599	25.4438	11	37.778	50.966	26	0.54026	1
Q9CQW1	Synaptobrevin homolog YKT6	Ykt6	24.6721	24.7065	11	22.314	68.621	58	0.982939	1
Q9CQX2;Q3TN44;C	Cytochrome b5 type B	Cyb5b	27.4899	27.487	7	16.318	258.49	127	0.998261	1
Q9CQX8;Q9D6T9	28S ribosomal protein S36, mitochondr	Mrps36	24.7948	26.0439	2	11.101	24.753	25	0.443878	1
Q9CQZ5	NADH dehydrogenase [ubiquinone]	Ndufa6	27.5776	28.1114	8	15.283	61.517	126	0.655136	1
Q9D6H6;Q9CQZ6	NADH dehydrogenase [ubiquinone]	Ndufb3	25.3227	25.6712	3	11.691	11.099	41	0.840183	1
Q9CR09;M0QWS4	Ubiquitin-fold modifier-conjugating	Ufc1	24.4621	24.391	5	19.481	12.468	29	0.963229	1
Q9CR16;Q3UB60	Peptidyl-prolyl cis-trans isomerase	Ppid	27.5591	28.2101	12	40.742	43.89	126	0.057193	1
Q9CWK0;Q9CR57;C	60S ribosomal protein L14	Rpl14;Rpl14-ps	22.894	25.1096	3	26.316	13.203	30	0.11351	1
Q9CR61	NADH dehydrogenase [ubiquinone]	Ndufb7	27.359	26.9914	10	16.331	95.868	127	0.59177	1
Q9CR68	Cytochrome b-c1 complex subunit	Uqcrfs1	30.1258	30.4616	14	29.367	144.46	291	0.752392	1
Q9CRB6;Q1JPR8	Tubulin polymerization-promoting	Tppp3	27.8529	26.4644	7	18.965	113.68	60	0.448348	1
Q9CRB9;Q91VG6;C	MICOS complex subunit	Mic19	27.741	28.7594	14	26.334	100.74	114	0.071126	1
Q9CRD0;A0A0J9YU	OCIA domain-containing protein 1	Ociad1	24.1507	24.2129	6	27.61	17.58	11	0.953055	1
Q9CVB6;Q3UA52;C	Actin-related protein 2/3 complex	Arpc2	30.0867	30.14	23	34.357	282.21	407	0.82375	1
Q9CWE0;D6RCX5;L	Mitochondrial fission regulator 1-li	Mtfr1l	23.0534	24.354	4	31.726	12.995	20	0.100602	1
Q9CWJ9	Bifunctional purine biosynthesis pr	Atic	27.1982	27.3418	18	64.217	104.63	68	0.377516	1
Q9CWS0;D3YU15;C	N(G),N(G)-dimethylarginine dimeth	Ddah1	30.092	30.3032	22	31.381	243.42	399	0.26344	1
Q9CWZ7;Q8C1T5;L	Gamma-soluble NSF attachment pr	Napg	29.3084	29.873	18	34.732	262.28	304	0.192745	1
Q9CX34	Suppressor of G2 allele of SKP1 hor	Sugt1	26.5972	26.2448	11	38.158	72.277	45	0.526026	1
Q9CX86	Heterogeneous nuclear ribonucleo	Hnrnpa0	27.6708	27.9396	11	30.53	96.284	102	0.304352	1
Q9CXW3;A0A0A6Y	Calcyclin-binding protein	Cacybp	26.202	26.9373	12	26.51	133.03	42	0.488813	1
Q9CY27;Q9CWN2;C	Very-long-chain enoyl-CoA reducta	Tecr	25.4924	24.9262	5	36.09	10.158	12	0.503689	1
Q9CY64	Biliverdin reductase A	Blvra	25.2595	25.1778	6	33.524	18.891	31	0.788205	1

Q9CYG7	Mitochondrial import receptor sub Tomm34		23.6326	24.5641	7	34.278	16.647	10	0.252223	1
Q9CYT6;Q8BKZ3;D	Adenylyl cyclase-associated protein Cap2		29.2581	29.1275	21	52.861	295.16	222	0.711948	1
Q9CZ30;Q3TJF2;Q3	Obg-like ATPase 1	Ola1	28.3716	28.3909	17	44.729	159.89	119	0.955436	1
Q9CZC8;A0A0N4SV	Secernin-1	Scrn1	29.7044	29.7246	20	46.325	323.31	294	0.906809	1
Q9CZD3	Glycine--tRNA ligase	Gars	25.8634	25.6857	13	81.877	139.92	42	0.837056	1
Q9CZS1	Aldehyde dehydrogenase X, mitochondrial	Aldh1b1	26.6455	27.1041	17	57.552	86.759	65	0.04467	1
Q9CZU6	Citrate synthase, mitochondrial	Cs	32.2224	32.3046	23	51.736	323.31	1228	0.791674	1
Q9D020	Cytosolic 5-nucleotidase 3A	Nt5c3a	23.3947	23.5021	4	37.252	9.7758	8	0.470053	1
Q9D023	Mitochondrial pyruvate carrier 2	Mpc2	26.0323	26.0541	5	14.286	18.797	26	0.988381	1
Q9D051	Pyruvate dehydrogenase E1 component	Pdhb	30.4926	30.7332	16	38.937	323.31	839	0.533442	1
Q9D0A3	Arpin	Arpin	23.5372	23.6991	3	25.193	7.0703	8	0.832705	1
Q9D0I9;Q3UAZ3;Q	Arginine--tRNA ligase, cytoplasmic	Rars	24.3603	24.5543	6	75.673	13.878	14	0.688193	1
Q9D0K2;Q3UK61;C	Succinyl-CoA:3-ketoacid coenzyme	Oxct1	30.5969	30.6617	23	55.988	323.31	372	0.628217	1
Q9D0M3	Cytochrome c1, heme protein, mitochondrial	Cyc1	30.717	31.0836	14	35.327	323.31	532	0.206318	1
Q9D0M5;D6RIN4	Dynein light chain 2, cytoplasmic	Dynll2	28.4416	28.3958	7	10.35	47.675	169	0.892633	1
Q9D154;Z4YK03;Q	Leukocyte elastase inhibitor A	Serpinb1a	25.6597	25.0559	9	42.574	35.169	24	0.380512	1
Q9D164	FXD domain-containing ion transporter	Fxyd6	26.5877	26.3861	5	10.374	82.777	39	0.748838	1
Q9D172	ES1 protein homolog, mitochondrial	D10Jhu81e	30.0567	30.2412	13	28.09	187.01	261	0.763716	1
Q9D1A2;Q3TG71;C	Cytosolic non-specific dipeptidase	Cndp2	27.9485	28.0096	23	52.767	120.42	125	0.660788	1
Q9D1P4	Cysteine and histidine-rich domain	Chordc1	24.5787	23.9904	3	37.35	10.529	11	0.564263	1
Q9D273;D3Z1G7;Q	Cob(II)yrinic acid a,c-diamide adenine	Mmab	24.0766	23.3351	2	26.273	7.6792	5	0.174179	1
Q9D2G2	Dihydrolipoyllysine-residue succinyl	Dlst	29.4572	29.1792	12	48.994	215.87	357	0.229761	1
Q9D2P8	Myelin-associated oligodendrocyte	Mobp	29.9572	30.6051	7	19.197	93.969	271	0.481508	1
Q9D2V7	Coronin-7	Coro7	25.6515	24.0759	9	100.81	30.3	22	0.088703	1
Q9D394;A0A0G2JF	Protein RUFY3	Rufy3	28.0452	27.993	19	53.006	98.667	120	0.619995	1
Q9D3A9;A0A0U1R	Protein tweety homolog 1	Ttyh1	26.4525	26.7617	4	49.032	42.079	50	0.554205	1
Q9D4C9	Clavesin-1	Clvs1	23.3058	24.2294	4	40.613	9.2474	20	0.393257	1
Q9D6F9	Tubulin beta-4A chain	Tubb4a	32.2092	32.0455	30	49.585	323.31	747	0.597138	1
Q9D6J5;Q3V406;F	NADH dehydrogenase [ubiquinone]	Ndufb8	27.1501	27.8714	6	21.876	46.422	110	0.48512	1
Q9D6J6	NADH dehydrogenase [ubiquinone]	Ndufv2	28.4118	28.4084	9	27.285	196.22	241	0.99521	1
Q9D6M3;E9PY45;E	Mitochondrial glutamate carrier 1	Slc25a22	28.6381	29.1317	14	34.67	117.5	223	0.065409	1
Q9D6R2	Isocitrate dehydrogenase [NAD] subunit	Idh3a	31.9335	32.0503	22	39.638	323.31	1051	0.505789	1
Q9D6U8	Protein FAM162A	Fam162a	24.6858	25.8179	5	17.725	24.655	27	0.577355	1

Q9D6Y7;A0A1B0G1	Mitochondrial peptide methionine Msra	23.4358	23.4872	3	25.988	7.3284	5	0.90714	1
Q9D7A8	Armadillo repeat-containing protei Armc1	24.614	24.614	8	31.246	27.649	22	0.999961	0.999961
Q9D898	Actin-related protein 2/3 complex : Arpc5l	28.9456	29.1047	7	16.98	131.6	148	0.814827	1
Q9D8W5;Q3TRH2;l	26S proteasome non-ATPase reguli Psmc12	24.2243	25.0226	8	52.895	35.974	22	0.404686	1
Q9D8W7;A0A0J9YL	OCIA domain-containing protein 2 Ociad2	23.9662	24.1591	5	16.925	14.85	25	0.837669	1
Q9DAK9	14 kDa phosphohistidine phosphat Phpt1	24.4357	25.9193	4	13.996	8.8586	12	0.290382	1
Q9DAR7;Q3TBW9	m7GpppX diphosphatase Dcps	25.3888	25.1412	7	38.988	38.083	23	0.615665	1
Q9DB05;Q9CXX1	Alpha-soluble NSF attachment prot Napa	28.0266	28.1805	22	33.189	188.43	245	0.764468	1
Q9DB20;Q3TF25;Q	ATP synthase subunit O, mitochondri Atp5o	32.2756	32.2831	14	23.363	274.07	731	0.987877	1
Q9DB27	Malignant T-cell-amplified sequenc Mcts1	22.8452	24.914	3	20.555	7.5063	12	0.027645	1
Q9DB34;A0A1B0G1	Charged multivesicular body protei Chmp2a	23.0661	24.5216	3	25.134	8.3849	5	0.118346	1
Q9DB60;B1AS14	Prostamide/prostaglandin F synthase Fam213b	25.325	25.9871	6	21.67	19.754	26	0.179487	1
Q9DB73;G3UZG6	NADH-cytochrome b5 reductase 1 Cyb5r1	24.9816	24.9169	6	34.134	17.188	10	0.951136	1
Q9DB77	Cytochrome b-c1 complex subunit Uqcrc2	31.6313	31.5379	25	48.234	323.31	964	0.792601	1
Q9DBE8	Alpha-1,3/1,6-mannosyltransferase Alg2	24.5499	23.9834	5	47.404	12.906	10	0.265164	1
Q9DBF1;G3UYR8	Alpha-aminoadipic semialdehyde de Aldh7a1	28.0884	28.1025	17	58.861	195.21	154	0.92226	1
Q9DBS2;B1AX95	Tumor protein p63-regulated gene Tprg1;Tprgl	25.5027	25.313	9	29.814	52.723	27	0.855347	1
Q9DC07	LIM zinc-binding domain-containing; Nebl	27.0468	27.7813	15	31.113	56.656	59	0.204939	1
Q9DC70	NADH dehydrogenase [ubiquinone Ndufs7	28.538	29.1658	8	24.683	85.03	163	0.400855	1
Q9DCC4	Pyrroline-5-carboxylate reductase : Pycrl	24.5185	24.3924	3	28.721	17.627	11	0.900099	1
Q9DCJ5	NADH dehydrogenase [ubiquinone Ndufa8	30.224	30.5498	11	19.992	102.22	275	0.641245	1
Q9DCL9	Multifunctional protein ADE2;Phos Paics	25.3284	25.2555	12	47.006	121.15	28	0.957248	1
Q9DCM0	Persulfide dioxygenase ETHE1, mitochondri Ethe1	24.6302	25.0423	6	27.738	21.765	20	0.716333	1
Q9DCN2;Q9CY59;F	NADH-cytochrome b5 reductase 3; Cyb5r3	27.4735	27.9652	15	34.127	89.901	104	0.436562	1
Q9DCS3;A2A845	Trans-2-enoyl-CoA reductase, mitochondri Mecr	25.398	24.6636	8	40.342	37.803	25	0.574868	1
Q9DCS9;D3YUK4	NADH dehydrogenase [ubiquinone Ndufb10	29.7806	29.6681	13	21.024	176.25	277	0.887392	1
Q9DCT2	NADH dehydrogenase [ubiquinone Ndufs3	30.0364	29.8592	19	30.149	269.55	530	0.517063	1
Q9DCW4;A0A0U1R	Electron transfer flavoprotein subunit Etfb	28.3726	28.9181	15	27.623	185.18	222	0.269343	1
Q9DD18	D-tyrosyl-tRNA(Tyr) deacylase 1 Dtd1	25.4486	23.6447	8	23.384	45.448	27	0.362811	1
Q9EPK7;E9PUW7	Exportin-7 Xpo7	25.1236	25.3292	12	123.81	27.768	20	0.755561	1
Q9EPL8	Importin-7 Ipo7	25.5972	26.0313	13	119.49	51.099	40	0.33973	1
Q9EPN1	Neurobeachin Nbea	25.2225	25.9559	8	326.74	20.342	14	0.494641	1
Q9EPU0	Regulator of nonsense transcripts 1 Upf1	24.1461	25.4205	8	123.97	19.621	10	0.152344	1

Q9EQ20;Q8K0L1	Methylmalonate-semialdehyde dehydrogenase	Aldh6a1	28.7465	28.8066	24	57.915	323.31	205	0.67963	1
Q9EQ80;Q3V2R8;D	NIF3-like protein 1	Nif3l1	23.4679	24.8336	6	41.745	21.211	18	0.209952	1
Q9EQF6	Dihydropyrimidinase-related protein	Dpysl5	29.8302	29.6563	26	61.516	323.31	266	0.583641	1
Q9EQQ9;Q05CX1	Protein O-GlcNAcase	Mgea5	26.0657	25.7706	8	103.16	40.575	17	0.671835	1
Q9ER00;Q3TIL5;Q3	Syntaxin-12	Stx12	26.6729	26.3635	9	31.195	55.965	38	0.416226	1
Q9ERD7;Q9CRT0	Tubulin beta-3 chain	Tubb3	32.9378	33.007	27	50.418	323.31	1496	0.427357	1
Q9ERK4;E9Q1T9;E9	Exportin-2	Cse1l	24.6834	26.1421	11	110.45	36.978	20	0.52936	1
Q9ERS2	NADH dehydrogenase [ubiquinone]	Ndufa13	28.7192	28.2886	8	16.859	43.381	260	0.67017	1
Q9ES28;D3Z0V2;A	Rho guanine nucleotide exchange factor	Arhgef7	24.3083	25.5177	6	97.055	18.284	7	0.235084	1
Q9ES97;Q8C6L4	Reticulon-3	Rtn3	28.955	29.1361	16	103.88	78.382	170	0.629814	1
Q9ESJ4	NCK-interacting protein with SH3 domain	Nckipso	26.4658	26.7145	14	78.572	44.465	28	0.243176	1
Q9ESW4	Acylglycerol kinase, mitochondrial	Agk	27.0218	27.2333	17	46.975	191.62	83	0.619998	1
Q9JHI5	Isovaleryl-CoA dehydrogenase, mitochondrial	Ivd	26.2522	26.3908	13	46.325	68.878	42	0.640603	1
Q9JHU4	Cytoplasmic dynein 1 heavy chain 1	Dync1h1	31.5588	31.5777	195	532.04	323.31	1365	0.968608	1
Q9JHU9	Inositol-3-phosphate synthase 1	Isyn1	27.0571	27.2886	12	60.931	47.188	64	0.143792	1
Q9JHW2	Omega-amidase	NIT2	24.3443	25.3038	9	30.501	34.154	24	0.340902	1
Q9JI91;Q8K3Q4;Q5	Alpha-actinin-2	Actn2	30.2414	30.1629	58	103.83	323.31	564	0.563188	1
Q9JIA1;A0A0G2JGE	Leucine-rich glioma-inactivated protein	Lgi1	28.3832	28.4329	13	63.643	116.56	214	0.793982	1
Q9JIF7	Coatomer subunit beta	Copb1	25.6393	24.9637	9	107.06	51.136	22	0.539724	1
Q9JIS5	Synaptic vesicle glycoprotein 2A	Sv2a	29.1032	29.4142	16	82.646	299.85	219	0.714299	1
Q9JJA0;Q9WVL0	Maleylacetoacetate isomerase	Gstz1	24.7287	24.1462	2	15.865	9.9447	19	0.330393	1
Q9JJV2;D3YWS3	Profilin-2;Profilin	Pfn2	29.5869	29.9864	9	15.032	166.24	206	0.31305	1
Q9JJY3	Sphingomyelin phosphodiesterase	Smpd3	26.0878	25.8653	8	71.196	26.522	24	0.58734	1
Q9JKB1;Q8BWQ9;E	Ubiquitin carboxyl-terminal hydrolase	Uchl3;Uchl4	24.764	25.3803	7	26.151	19.932	26	0.744661	1
Q9JKC6	Cell cycle exit and neuronal differentiation	Cend1	32.5936	31.6429	12	14.987	248.36	146	0.237951	1
Q9JKD3	Secretory carrier-associated membrane protein	Scamp5	25.883	26.1031	3	26.068	16.962	65	0.871492	1
Q9JKK7	Tropomodulin-2	Tmod2	28.379	28.2491	21	39.51	323.31	203	0.795672	1
Q9JKR6;Q8VCI2	Hypoxia up-regulated protein 1	Hyou1	28.0663	27.9245	27	111.18	216.98	88	0.515833	1
Q9JM14;A2A9X5	5(3)-deoxyribonucleotidase, cytosolic	Nt5c	26.7497	26.6708	7	23.076	40.629	42	0.90477	1
Q9JM76;H7BWZ3;A	Actin-related protein 2/3 complex	Arpc3	28.2412	29.2705	8	20.524	46.745	176	0.233851	1
Q9JME5	AP-3 complex subunit beta-2	Ap3b2	27.9357	27.9658	29	119.19	110.57	110	0.919434	1
Q9JMH6	Thioredoxin reductase 1, cytoplasmic	Txnrd1	26.3232	26.405	7	67.083	28.971	29	0.864656	1
Q9QUG9	RAS guanyl-releasing protein 2	Rasgrp2	25.7401	24.9797	11	69.445	71.76	24	0.536668	1

Q9QUM9;E0CXB1	Proteasome subunit alpha type-6	Psma6	28.0727	28.3291	11	27.372	58.551	132	0.42523	1
Q9QUP5	Hyaluronan and proteoglycan link	Hapln1	27.7392	27.8025	14	40.477	145.84	128	0.830593	1
Q9QXS6;Q3TRK3;A	Drebrin	Dbn1	28.9691	28.9387	22	77.286	323.31	222	0.892891	1
Q9QXY6;Q8R0V6	EH domain-containing protein 3	Ehd3	28.7625	28.6564	33	60.82	232.31	257	0.669325	1
Q9QYG0	Protein NDRG2	Ndrg2	30.4532	30.0555	15	40.789	323.31	455	0.414837	1
Q9QYJ0;Q3TFF0	DnaJ homolog subfamily A membe	Dnaja2	27.2208	27.5097	18	45.745	171.71	91	0.637535	1
Q9QYS2	Metabotropic glutamate receptor	Grm3	25.068	25.9262	8	99.113	29.835	35	0.479401	1
Q9QYX7	Protein piccolo	Pclo	28.6499	28.5659	55	550.83	302.49	151	0.787866	1
Q9QZ83	Gamma actin-like protein	Actg1	30.5583	30.5372	25	43.6	323.31	686	0.977079	1
Q9QZM0	Ubiquilin-2	Ubqln2	26.7645	26.2788	9	67.35	143.27	58	0.292971	1
Q9QZQ8	Core histone macro-H2A.1	H2afy	26.4909	26.2049	11	39.735	51.38	59	0.765248	1
Q9QZX7	Serine racemase	Srr	28.843	28.7917	12	36.358	172.87	127	0.887921	1
Q9R0P9;Q3TCH2;I7	Ubiquitin carboxyl-terminal hydroli	Uchl1	32.2469	32.2754	16	24.838	323.31	560	0.932927	1
Q9R0Q6;A0A0G2JF	Actin-related protein 2/3 complex	Arpc1a	29.1993	29.1826	17	41.626	179.36	274	0.965296	1
Q9R0X4;Q32MW3	Acyl-coenzyme A thioesterase 9, m	Acot9;Acot10	24.1627	24.8632	12	50.56	31.315	15	0.61723	1
Q9R0Y5	Adenylate kinase isoenzyme 1	Ak1	30.3761	30.3576	14	21.539	309.55	309	0.974791	1
Q9R1P0;Q3TL95;Q3	Proteasome subunit alpha type-4;F	Psma4	26.7989	27.1909	14	29.47	64.184	56	0.451625	1
Q9R1P3;Q8BJX0	Proteasome subunit beta type-2;Pr	Psmb2	26.5893	27.2844	14	22.906	71.541	113	0.390092	1
Q9R1Q8;Q9D6K2	Transgelin-3;Transgelin	Tagln3	30.4911	30.6782	18	22.47	219.31	466	0.66037	1
Q9R1T4;Q3UUU4	Septin-6	Sept6	29.3625	29.3782	26	49.619	323.31	177	0.961693	1
Q9WTL7	Acyl-protein thioesterase 2	Lypla2	26.9868	25.7691	8	24.794	158.38	59	0.470746	1
Q9WTP7;Q9D8W6	GTP:AMP phosphotransferase AK3	Ak3	27.6695	28.1643	17	25.426	70.6	124	0.346761	1
Q9WUB3;E9PUM3	Glycogen phosphorylase, muscle fo	Pygm	26.2455	26.3055	30	97.285	57.47	46	0.891469	1
Q9WUM5	Succinyl-CoA ligase [ADP/GDP-forn	Suc1g1	30.5379	30.5042	15	36.154	292.52	414	0.529992	1
Q9WV02;A2AFI3;A1	RNA-binding motif protein, X chr	RbmX	27.8037	28.0028	16	42.3	100.62	66	0.650246	1
Q9WV34	MAGUK p55 subfamily member 2	Mpp2	27.0492	27.0688	18	61.554	99.989	73	0.898342	1
Q9WV55	Vesicle-associated membrane prot	Vapa	29.4418	29.9186	11	27.855	104.17	240	0.335013	1
Q9WVA4	Transgelin-2	Tagln2	25.4311	24.2424	5	22.395	8.2667	6	0.244572	1
Q9Z0E0	Neurochondrin	Ncdn	30.9516	31.0488	32	78.894	323.31	873	0.493069	1
Q9Z0G0	PDZ domain-containing protein GIF	Gipc1	24.6996	24.7586	6	36.129	17.968	19	0.925184	1
Q9Z0H8;Q6A090	CAP-Gly domain-containing linker	Clip2;mKIAA029	25.7941	26.1901	18	115.91	64.29	39	0.774449	1
Q9Z0P5	Twinfilin-2	Twf2	24.9677	25.4574	8	39.47	110.29	29	0.709149	1
Q9Z0Y1;E9Q919	Dynactin subunit 3	Dctn3	23.5103	26.1149	11	20.978	42.082	54	0.263342	1

Q9Z140;Q3UYN2;Q Copine-6	Cpne6	26.1488	26.1674	12	61.78	70.506	48	0.956689	1	
Q9Z1B3;Q2M4J2;Q 1-phosphatidylinositol 4,5-bisphosphate 3-kinase class I	Plcb1;mKIAA051	30.2973	30.1277	55	138.39	323.31	515	0.542222	1	
Q9Z1G3;Q3TG21;Q V-type proton ATPase subunit C 1	Atp6v1c1	29.8677	29.9599	33	43.887	323.31	461	0.374621	1	
Q9Z1L5	Voltage-dependent calcium channel subunit 2D3	26.7577	26.6918	14	122.78	158.55	41	0.652667	1	
Q9Z1N5;Q3TB18;Q Spliceosome RNA helicase Ddx39b	Ddx39b;Ddx39b;Ddx39b	27.1376	27.0474	12	49.035	71.521	97	0.792569	1	
Q9Z1P6;A0A068BG NADH dehydrogenase [ubiquinone]	Ndufa7	27.6229	28.1667	12	12.575	41.309	77	0.526852	1	
Q9Z1S5;Q5DTK0	Neuronal-specific septin-3	Sept3	30.3491	30.5329	16	40.037	291.56	348	0.544057	1
Q9Z1Z0	General vesicular transport factor 1	Uso1	25.2342	25.3696	10	106.98	26.066	13	0.63701	1
Q9Z268	RasGAP-activating-like protein 1	Rasal1	26.6695	26.0784	19	89.394	135.23	49	0.512449	1
Q9Z2D6	Methyl-CpG-binding protein 2	Mecp2	26.528	26.5891	10	52.307	49.637	44	0.813202	1
Q9Z2I0	LETM1 and EF-hand domain-containing protein 1	Letm1	28.1056	28.2324	24	82.988	323.31	162	0.866917	1
Q9Z2Q6;B7ZNM7;C Septin-5	Sept5	31.4806	31.3382	28	42.747	323.31	925	0.323622	1	
Q9Z2Y3;D3Z6A7;E9 Homer protein homolog 1	Homer1	28.9315	29.0728	25	41.412	274.94	206	0.527956	1	
S4R197	cAMP and cAMP-inhibited cGMP 3'-phosphatase	Pde10a	25.1894	25.7392	7	17.22	19.489	28	0.131845	1
S4R2F3	Ankyrin-2	Ank2	30.9778	31.0489	101	429.1	323.31	870	0.511542	1
V9GWW1;V9GXM1; ADP-ribosylation factor GTPase-activating protein 1	Arfgap1	25.3449	25.7502	7	44.207	27.025	29	0.045883	1	
W6PPR4;W6PPA1;C Ankyrin-3	Ank3	27.714	27.5494	40	473.78	197.05	65	0.791303	1	