

**Supplemental table S4 Identification of differentially expressed PSDs proteins in control mice and after chronic stress by proteomic approach**

<b>PROTEIN NAME</b>	<b>UniProtID</b>	<b>Q-VALUE</b>	<b>RATIO CHRONIC STRESS / CONTROL</b>	<b>FOLD CHANGE (RATIO&gt;1=RATIO; O; &lt;1=1/RATIO)</b>	<b>NUMBER OF IDENTIFIED PEPTIDES</b>
Protein SZT2	A2A9C3	NA	only in 1	NA	2
Disks large homolog 4	Q62108	0.00009	0.84	1.18	89
Unconventional myosin-Ig	Q5SUA5	0.00009	1.12	1.12	116
Heat shock 70 kDa protein 4L	P48722	0.00010	1.12	1.12	
Unconventional myosin-IId	Q5SYD0	0.00011	1.12	1.12	
Ras/Rap GTPase-activating protein SynGAP	F6SEU4	0.00009	0.86	1.16	128
RAS protein activator like-3	Q8C2K5	0.00010	0.87	1.17	
Probable E3 ubiquitin-protein ligase MID2	Q9QUS6	0.00009	1.88	1.88	2
Microtubule-associated protein 1B	P14873	0.00009	1.24	1.24	91
Platelet-derived growth factor receptor alpha	P26618	0.00010	1.24	1.24	
60S ribosomal protein L11	Q9CXW4	0.00009	1.64	1.64	2
LIM zinc-binding domain-containing Nebulette	Q9DC07	0.00009	1.79	1.79	5
IQ motif and SEC7 domain-containing protein 2	Q5DU25	0.00009	0.81	1.23	60
V-type proton ATPase 16 kDa proteolipid subunit	P63082	0.00009	0.75	1.33	4
Glutamate receptor ionotropic, NMDA 1	P35438	0.00009	0.83	1.21	51
Microtubule-associated protein 1A	Q9QYR6	0.00009	1.24	1.24	114
Brain acid soluble protein 1	Q91XV3	0.00035	1.36	1.36	34
2',3'-cyclic-nucleotide 3'-phosphodiesterase	P16330	0.00041	1.12	1.12	171
Glutamate receptor ionotropic, NMDA 2A	P35436	0.00069	0.80	1.25	45
Unconventional myosin-XVIIIa	Q9JMH9	0.00136	1.17	1.17	47
SH3 and multiple ankyrin repeat domains protein 2	Q80Z38	0.00142	0.82	1.22	57
Clathrin heavy chain 1	Q68FD5	0.00426	1.16	1.16	70
DnaJ homolog subfamily C member 14	Q921R4	0.00430	0.95	1.06	223
Epiplakin	Q8R0W0	0.00431	0.96	1.07	
Sperm flagellar protein 2	Q8C9J3	0.00432	0.97	1.08	
Phospholipid-transporting ATPase	Q6UQ17	0.00433	0.98	1.09	

ATP-binding cassette sub-family A member 2	P41234	0.00434	0.99	1.10	
Formin-2	Q9JL04	0.00432	1.17	1.17	53
Myelin basic protein	P04370	0.00435	1.10	1.10	46
Sorbin and SH3 domain-containing protein 2	Q3UTJ2	0.00467	0.86	1.17	36
Glutamate receptor ionotropic, NMDA 2B	Q01097	0.00471	0.87	1.15	51
Ethanolamine kinase 1	Q9D4V0	0.00472	0.88	1.16	
SH3 and multiple ankyrin repeat domains protein 3	Q4ACU6	0.00537	0.88	1.13	105
ERC protein 2	Q6PH08	0.00543	0.88	1.13	58
Prolactin-releasing peptide receptor	Q6VMN6	0.00544	0.89	1.14	
2-oxoglutarate dehydrogenase, mitochondrial	Q60597	0.00560	1.18	1.18	29
MAP kinase-activated protein kinase 5	O54992	0.00587	0.88	1.14	64
Calcium/calmodulin-dependent protein kinase type 1	Q8BW96	0.00588	0.89	1.15	
Serine/threonine-protein kinase H1	Q91YA2	0.00589	0.90	1.16	
Calcium/calmodulin-dependent protein kinase type 1	Q9QYK9	0.00590	0.91	1.17	
Maternal embryonic leucine zipper kinase	Q61846	0.00591	0.92	1.18	
Calcium/calmodulin-dependent protein kinase type 1	Q91YS8	0.00592	0.93	1.19	
Protein FAM205A	A2APU8	0.00593	0.94	1.20	
Calcium/calmodulin-dependent protein kinase type II	P11798	0.00594	0.95	1.21	
Serine/threonine-protein kinase MRCK beta	Q7TT50	0.00647	1.08	1.08	62
Rho GTPase-activating protein 25	Q8BYW1	0.00648	1.08	1.08	
Myelin-associated oligodendrocyte basic protein	Q9D2P8	0.00788	1.28	1.28	24
Disks large homolog 3	P70175	0.00967	0.84	1.20	31
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase	Q9Z1B3	0.01044	1.18	1.18	30
Coiled-coil domain-containing protein 82	Q6PG04	0.01049	0.88	1.14	53
Methionine synthase reductase	Q8C1A3	0.01050	0.89	1.15	
Leucine zipper putative tumor suppressor 3	A2AHG0	0.01051	0.70	1.45	2
Mitochondrial 2-oxoglutarate/malate carrier protein	Q9CR62	0.01226	0.83	1.21	22
Disks large-associated protein 3	Q6PFD5	0.01522	0.80	1.25	37
ATP synthase subunit beta, mitochondrial	P56480	0.01656	1.15	1.15	30
Calcium/calmodulin-dependent protein kinase type II	Q6PHZ2	0.02225	0.77	1.29	14
Serine/threonine-protein kinase NIM1	Q8BHI9	0.02226	0.78	1.30	
Tyrosine-protein kinase Fes/Fps	P16879	0.02227	0.79	1.31	
Synaptosomal-associated protein 23	O09044	0.02245	2.55	2.55	2

RING finger protein unkempt homolog	Q8BL48	0.02506	0.95	1.05	
Protein bassoon	O88737	0.02507	0.96	1.06	301
NUT family member 1	Q8BHP2	0.02508	0.97	1.07	
Solute carrier family 12 member 2	P55012	0.02649	1.13	1.13	27
Ubiquitin-protein ligase E3C	Q80U95	0.02650	1.13	1.13	
Rho-associated protein kinase 2	P70336	0.02651	1.13	1.13	
Glutamate receptor 2	P23819	0.03183	0.89	1.12	39
Neurofibromin	Q04690	0.03270	1.09	1.09	54
KIF1-binding protein	Q6ZPU9	0.03271	1.09	1.09	
SUN domain-containing protein 1	Q9D666	0.04449	0.90	1.11	68
SH3 and multiple ankyrin repeat domains protein 1	D3YZU1	0.04450	0.91	1.12	
N-acetyllactosaminide beta-1,3-N-acetylglucosaminyl	Q5JCS9	0.04451	0.92	1.13	
Erlin-2	Q8BFZ9	0.04535	0.69	1.44	5
Erlin-1	Q91X78	0.04536	0.70	1.45	
26S proteasome non-ATPase regulatory subunit 4	O35226	0.04540	0.78	1.29	11
Somatotropin	P06880	0.04541	0.79	1.30	
Glial fibrillary acidic protein	P03995	0.04557	0.87	1.15	20
Uncharacterized protein C1orf198homolog	Q8C3W1	0.04587	1.12	1.12	7
Dedicator of cytokinesis protein 11	A2AF47	0.04862	1.13	1.13	28
Neurocalcin-delta	Q91X97	0.05610	1.28	1.28	8
Catenin alpha-2	Q61301	0.05696	0.86	1.16	32
AP-2 complex subunit beta	Q9DBG3	0.06825	1.18	1.18	19
Tropomodulin-3	Q9JHJ0	0.06868	1.12	1.12	23
X-ray repair cross-complementing protein 6	P23475	0.06869	1.12	1.12	
Tropomodulin-2	Q9JKK7	0.06870	1.12	1.12	
Neural cell adhesion molecule 1	P13595	0.06868	1.13	1.13	33
Heat shock protein HSP 90-alpha	P07901	0.06884	1.45	1.45	4
Myocyte-specific enhancer factor 2D	Q63943	0.06885	1.45	1.45	
Ras-specific guanine nucleotide-releasing factor 2	P70392	0.06941	1.19	1.19	20
Actin-binding LIM protein 1	Q8K4G5	0.07393	0.89	1.12	10
Neurofilament medium polypeptide	P08553	0.07460	1.09	1.09	64
Claudin-11	Q60771	0.07536	1.13	1.13	18
Gap junction alpha-1 protein	P23242	0.07902	0.68	1.48	4

Fasciculation and elongation protein zeta-1	Q8K0X8	0.07973	0.60	1.66	2
Enoyl-CoA hydratase, mitochondrial	Q8BH95	0.07973	0.74	1.35	14
Probable bifunctional methylenetetrahydrofolate dehydrogenase	D3YZG8	0.08230	1.08	1.08	3
WAS/WASL-interacting protein family member 2	Q6PEV3	0.08298	0.71	1.40	4
WD repeat-containing protein 35	Q8BND3	0.08667	1.18	1.18	19
Putative per-hexamer repeat protein 4	P15974	0.08668	1.18	1.18	
Major vault protein	Q9EQK5	0.08669	1.18	1.18	
Amphiphysin	Q7TQF7	0.09523	1.21	1.21	12
Leukemia-associated protein 7 homolog	Q8CHZ8	0.09987	1.11	1.11	43
Sushi, von Willebrand factor type A, EGF and pentra	A2AVA0	0.09988	1.11	1.11	
RasGAP-activating-like protein 1	Q9Z268	0.09989	1.11	1.11	
Neurofascin	Q810U3	0.10078	1.14	1.14	34
Dedicator of cytokinesis protein 1	Q8BUR4	0.10403	1.09	1.09	61
Dedicator of cytokinesis protein 2	Q8C3J5	0.10404	1.09	1.09	
Contactin-1	P12960	0.10756	1.03	1.03	68
Ankyrin repeat and sterile alpha motif domain-contain	Q8BIZ1	0.10795	0.91	1.10	39
Cytochrome c oxidase subunit NDUF A4	Q62425	0.10893	0.87	1.15	9
Sideroflexin-5	Q925N0	0.11053	0.71	1.40	4
Rho guanine nucleotide exchange factor 2	Q60875	0.11067	1.08	1.08	37
Disks large homolog 2	Q91XM9	0.11225	0.91	1.10	54
Trifunctional enzyme subunit alpha, mitochondrial	Q8BMS1	0.11962	1.13	1.13	15
Choline transporter-like protein 1	Q6X893	0.12622	1.09	1.09	9
Glutamate receptor ionotropic, NMDA 2D	Q03391	0.12622	0.88	1.14	18
Catenin beta-1	Q02248	0.12979	0.90	1.12	29
Synapsin-1	O88935	0.12992	0.92	1.08	77
Synapsin-2	O88936	0.13038	2.24	2.24	2
Serine/threonine-protein kinase MRCK alpha	Q3UU96	0.13081	1.14	1.14	22
Alpha-actinin-3	O88990	0.13106	0.92	1.09	27
Alpha-actinin-1	Q7TPR4	0.13106	0.92	1.10	
Protein FAM126B	Q8C729	0.13121	0.64	1.57	2
Ectonucleotide pyrophosphatase/phosphodiesterase	Q8BGN3	0.13136	1.09	1.09	38
Actin-binding LIM protein 2	Q8BL65	0.13160	0.81	1.24	10
Hippocalcin-like protein 4	Q8BGZ1	0.13193	1.30	1.30	5

NADH dehydrogenase [ubiquinone] 1 beta subcomp	Q9D6J5	0.13229	1.29	1.29	4
Sorbin and SH3 domain-containing protein 2	Q62417	0.13236	0.86	1.17	8
Microtubule-associated protein 6	Q7TSJ2	0.13251	1.06	1.06	74
Protein shisa-7	Q8C3Q5	0.13251	0.81	1.23	16
Leucine zipper putative tumor suppressor 3	A2AHG0	0.13473	2.02	2.02	2
Septin-6	Q9R1T4	0.13724	0.94	1.07	14
Disks large-associated protein 4	B1AZP2	0.13755	0.85	1.18	22
ATP synthase subunit delta, mitochondrial	Q9D3D9	0.13903	1.26	1.26	9
Hexokinase-1	P17710	0.13962	0.80	1.25	22
Nesprin-1	Q6ZWR6	0.14104	0.93	1.07	69
IQ motif and SEC7 domain-containing protein 3	Q3TES0	0.14301	0.73	1.36	9
Glutathione peroxidase 1	P11352	0.14410	0.66	1.51	2
Glutathione peroxidase 2	Q9R159	0.14600	0.91	1.10	35
Glutathione peroxidase 3	Q148W8	0.14600	0.91	1.11	
Creatine kinase S-type, mitochondrial	Q6P8J7	0.14600	0.91	1.12	
Creatine kinase M-type	P07310	0.14600	0.91	1.13	
Creatine kinase U-type, mitochondrial	P30275	0.14600	0.91	1.14	
CDGSH iron-sulfur domain-containing protein 1	Q91WS0	0.14786	0.68	1.46	3
Regulating synaptic membrane exocytosis protein 1	Q99NE5	0.15297	0.94	1.07	59
Actin-related protein 2/3 complex	Q9JM76	0.15484	0.68	1.48	3
SNF-related serine/threonine-protein kinase	Q8VDU5	0.15555	1.40	1.40	2
Glutamate receptor 3	Q9Z2W9	0.16374	0.84	1.20	21
Heat shock 70 kDa protein 12A	Q8K0U4	0.17128	1.15	1.15	17
60S ribosomal protein L17	Q9CPR4	0.17128	0.81	1.24	4
Cytoskeleton-associated protein 5	A2AGT5	0.17470	1.05	1.05	74
WD repeat-containing protein 41	Q3UDP0	0.17476	0.70	1.43	2
Beta-actin-like protein 2	Q8BFZ3	0.17476	0.95	1.05	52
Actin, alpha skeletal muscle	P68134	0.17476	0.95	1.06	
Actin, alpha cardiac muscle 1	P68033	0.17476	0.95	1.07	
Actin, cytoplasmic 1	P60710	0.17476	0.95	1.08	
Actin, cytoplasmic 2	P63260	0.17476	0.95	1.09	
Actin, aortic smooth muscle	P62737	0.17476	0.95	1.10	
Actin, gamma-enteric smooth muscle	P63268	0.17476	0.95	1.11	

60S ribosomal protein L10	Q6Z WV3	0.17623	0.85	1.18	6
60S ribosomal protein L10-like	P86048	0.17623	0.85	1.19	
Catenin alpha-3	Q65CL1	0.17640	1.24	1.24	16
Serine/threonine-protein kinase MARK2	Q05512	0.17959	0.82	1.22	16
Centrosomal protein of 170 kDa	Q6A065	0.18430	1.36	1.36	3
Centrosomal protein of 170 kDa protein B	Q80U49	0.18431	1.36	1.36	
Protein FAM163B	Q8BUM6	0.19674	0.81	1.23	4
Protein FAM81A	Q3UXZ6	0.19812	0.83	1.20	18
Activity-regulated cytoskeleton-associated protein	Q9WV31	0.20007	0.77	1.30	10
NADH dehydrogenase [ubiquinone] iron-sulfur protein	Q9DC70	0.20007	1.40	1.40	2
Septin-11	Q8C1B7	0.20007	0.83	1.21	17
Myotubularin-related protein 5	Q6ZPE2	0.20007	1.11	1.11	29
Zinc finger protein 445	Q8R2V3	0.20008	1.11	1.11	
Uncharacterized protein C9orf172homolog	A2AJA9	0.20102	0.89	1.13	28
Mitochondrial glutamate carrier 1	Q9D6M3	0.20115	0.86	1.17	12
Centromere protein V	Q9CXS4	0.20134	1.12	1.12	3
Glutamate receptor ionotropic, desubunit 3 ItA-2	Q61625	0.20240	0.84	1.19	8
Glutamate receptor ionotropic, desubunit 3 ItA-3	Q62077	0.20538	0.91	1.10	17
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase	Q8CIH5	0.20538	0.91	1.11	
ADP/ATP translocase 1	P48962	0.20538	0.91	1.12	
Mannan-binding lectin serine protease 1	P98064	0.20538	0.91	1.13	
Ras-specific guanine nucleotide-releasing factor 1	P27671	0.20790	1.13	1.13	23
PCI domain-containing protein 2	Q8BFV2	0.20791	1.13	1.13	
Cell cycle exit and neuronal differentiation protein 1	Q9JKC6	0.20908	0.77	1.30	7
Synaptotagmin-7	Q9R0N7	0.21024	1.19	1.19	23
Iron-sulfur cluster assembly 1 homolog, mitochondria	Q9D924	0.21250	0.68	1.47	3
40S ribosomal protein S14	P62264	0.21277	0.81	1.24	2
EH domain-containing protein 4	Q9EQP2	0.21497	1.34	1.34	3
Myelin-associated glycoprotein	P20917	0.22692	1.10	1.10	27
Septin-7	O55131	0.22924	0.94	1.06	50
Septin-14	Q9DA97	0.22924	0.94	1.07	
Zinc finger homeobox protein 3	Q61329	0.22981	1.10	1.10	51
Phosphorylase b kinase regulatory subunit alpha, skeletal muscle	P18826	0.22982	1.10	1.10	

Alpha-internexin	P46660	0.22983	1.10	1.10	
Dedicator of cytokinesis protein 10	Q8BZN6	0.23020	1.08	1.08	65
TNF receptor-associated factor 3	Q60803	0.23206	0.92	1.09	24
4F2 cell-surface antigen heavy chain	P10852	0.23297	0.55	1.81	2
Dihydrolipoyl dehydrogenase, mitochondrial	O08749	0.23517	0.80	1.25	7
Syntaxin-1B	P61264	0.24971	0.79	1.26	6
Myotubularin-related protein 2	Q9Z2D1	0.25023	1.21	1.21	9
Homer protein homolog 1	Q9Z2Y3	0.25301	0.87	1.15	37
Ganglioside-induced differentiation-associated prote	Q8VE33	0.26015	0.73	1.36	7
Afadin	Q9QZQ1	0.26073	0.87	1.14	12
Leucine-rich repeat transmembraneneuronal protein	Q8K377	0.26132	0.78	1.28	9
Annexin A6	P14824	0.26212	0.85	1.18	17
Annexin A4	P97429	0.26212	0.85	1.19	
Neuroepithelial cell-transforminggene 1 protein	Q9Z206	0.26212	0.85	1.20	
Rho guanine nucleotide exchange factor 3	Q91X46	0.26212	0.85	1.21	
Core histone macro-H2A,1	Q9QZQ8	0.26212	1.11	1.11	10
Contactin-associated protein 1	O54991	0.26453	1.09	1.09	57
PHD finger protein 1	Q9Z1B8	0.26454	1.09	1.09	
Contactin-2	Q61330	0.26761	1.08	1.08	23
Synaptotagmin-3	O35681	0.27061	1.20	1.20	19
Synaptotagmin-10	Q9R0N4	0.27062	1.20	1.20	
Cerebellin-1	Q9R171	0.27600	0.89	1.12	8
Lamin-B1	P14733	0.27625	0.37	2.70	3
Coiled-coil domain-containing protein 127	Q3TC33	0.27689	0.78	1.29	6
Growth arrest-specific protein 7	Q60780	0.27689	0.84	1.20	11
F-actin-capping protein subunit alpha-1	P47753	0.27689	0.62	1.60	3
Kinetochore-associated protein 1	Q8C3Y4	0.27689	0.65	1.53	2
Wiskott-Aldrich syndrome proteinfamily member 3	Q8VHI6	0.27727	1.14	1.14	7
Ras-related protein Rab-3A	P63011	0.27777	0.84	1.19	4
Complement C1q subcomponent subunit B	P14106	0.27781	1.32	1.32	2
S-phase kinase-associated protein1	Q9WTX5	0.28554	0.74	1.35	2
Catenin delta-2	O35927	0.28554	0.88	1.14	22
Ankyrin-3	G5E8K5	0.28635	1.06	1.06	53

Ankyrin-1	Q02357	0.28636	1.06	1.06	
Serine protease HTRA2, mitochondrial	Q9JIY5	0.28653	1.10	1.10	15
Serine protease HTRA3	Q9D236	0.28654	1.10	1.10	
Serine protease HTRA4	A2RT60	0.28655	1.10	1.10	
Serine protease HTRA1	Q9R118	0.28656	1.10	1.10	
Brain-specific angiogenesis inhibitor 1-associated protein 1	Q8BKX1	0.28714	0.90	1.11	37
Cytoplasmic dynein 1 light intermediate chain 2	Q6PDL0	0.28871	1.13	1.13	11
Neuronal-specific septin-3	Q9Z1S5	0.28871	0.90	1.12	26
Putative ATP-dependent RNA helicase DHX33	Q80VY9	0.29199	0.68	1.47	2
Splicing factor U2AF 35 kDa subunit	Q9D883	0.29199	0.68	1.48	
Potassium voltage-gated channel subfamily A member 1	P63141	0.29524	1.25	1.25	6
Potassium voltage-gated channel subfamily A member 2	Q61423	0.29525	1.25	1.25	
Guanine nucleotide-binding protein G(s) subunit alpha 1	P63094	0.29667	1.16	1.16	11
Guanine nucleotide-binding protein G(s) subunit alpha 2	Q6R0H7	0.29668	1.16	1.16	
Protein zyg-11 homolog B	Q3UFS0	0.29667	1.13	1.13	2
Rabphilin-3A	P47708	0.30051	0.87	1.15	11
Signal-induced proliferation-associated 1-like protein 1	Q8C0T5	0.30051	0.89	1.12	28
Phosphatidylinositol 4-kinase alpha	E9Q3L2	0.30118	1.18	1.18	17
Glutamate receptor ionotropic, kainate 5	Q61626	0.30250	0.71	1.42	2
Putative ATP-dependent RNA helicase DHX30	Q99PU8	0.30553	1.08	1.08	4
Protein kinase C gamma type	P63318	0.30616	1.07	1.07	76
Kinesin-like protein KIF2B	Q8C0N1	0.30617	1.07	1.07	
Potassium voltage-gated channel subfamily A member 3	P16390	0.31150	1.25	1.25	3
Potassium voltage-gated channel subfamily G member 1	P59053	0.31151	1.25	1.25	
Potassium voltage-gated channel subfamily V member 1	Q8BZN2	0.31152	1.25	1.25	
Potassium voltage-gated channel subfamily B member 1	A6H8H5	0.31153	1.25	1.25	
Potassium voltage-gated channel subfamily B member 2	Q03717	0.31154	1.25	1.25	
Adhesion G protein-coupled receptor B2	Q8CGM1	0.31209	0.82	1.22	11
BTB/POZ domain-containing protein KCTD16	Q5DTY9	0.31733	0.83	1.20	12
Erbin	Q80TH2	0.31788	1.12	1.12	12
CLIP-associating protein 2	Q8BRT1	0.31842	1.04	1.04	15
60S ribosomal protein L21	O09167	0.32633	0.76	1.32	4
Calcium/calmodulin-dependent protein kinase type II	Q923T9	0.32633	0.90	1.11	43



Calcium/calmodulin-dependent protein kinase type II	P28652	0.32633	0.90	1.12	
Vacuolar protein sorting-associated protein 53 homolog	Q8CCB4	0.32633	0.90	1.13	
DnaJ homolog subfamily C member 3	Q91YW3	0.32633	0.90	1.14	
TBC1 domain family member 10B	Q8BHL3	0.32696	1.16	1.16	7
14-3-3 protein eta	P68510	0.32696	1.30	1.30	3
14-3-3 protein eta	P68511	0.32778	1.80	1.80	2
Voltage-dependent calcium channel gamma-2 subunit	O88602	0.32778	0.70	1.43	3
Arf-GAP with GTPase, ANK repeat and PH domain-containing	Q3UHD9	0.32825	0.89	1.12	23
BTB/POZ domain-containing protein 10	Q80X66	0.32825	0.89	1.13	
TSC22 domain family protein 4	Q9EQN3	0.32909	1.29	1.29	2
Cytochrome c oxidase subunit 6A1, mitochondrial	P43024	0.33227	0.90	1.11	10
Centrosomal protein of 95 kDa	Q8BVV7	0.33227	1.44	1.44	2
High affinity cAMP-specific and I BMX-insensitive 3',5'-cyclic nucleotide phosphodiesterase 4B	E9Q4S1	0.33943	1.31	1.31	3
Glutamate receptor 1	P23818	0.33943	0.90	1.11	10
Microsomal glutathione S-transferase 3	Q9CPU4	0.33943	0.83	1.20	12
Rho guanine nucleotide exchange factor 33	Q8BW86	0.33943	0.93	1.08	5
Dedicator of cytokinesis protein 5	B2RY04	0.34192	1.12	1.12	26
Conserved oligomeric Golgi complex subunit 1	Q9Z160	0.34193	1.12	1.12	
Dihydrolipoyllysine-residue succinyltransferase component	Q9D2G2	0.34357	1.08	1.08	11
Microtubule-associated proteins 1	Q91VR7	0.34395	1.18	1.18	6
Microtubule-associated proteins 1A/1B light chain 3B	Q9CQV6	0.34396	1.18	1.18	
Ras-related C3 botulinum toxin substrate 2	Q05144	0.34437	1.05	1.05	13
Ras-related C3 botulinum toxin substrate 3	P60764	0.34438	1.05	1.05	
Ras-related C3 botulinum toxin substrate 1	P63001	0.34439	1.05	1.05	
Immunoglobulin-like domain-containing receptor 2	B5TVM2	0.35541	0.87	1.15	13
Catenin delta-1	P30999	0.35541	0.83	1.20	12
Gap junction beta-4 protein	Q02738	0.35776	0.62	1.61	2
V-type proton ATPase subunit H	Q8BVE3	0.37032	1.09	1.09	8
ADP/ATP translocase 4	Q3V132	0.37098	0.87	1.15	18
Protein disulfide-isomerase A4	P08003	0.37098	0.87	1.16	
ADP/ATP translocase 2	P51881	0.37098	0.87	1.17	
Tenascin-R	Q8BYI9	0.37098	1.05	1.05	28
60S acidic ribosomal protein P2	P99027	0.37119	0.82	1.22	8

60S acidic ribosomal protein P3	P99028	0.37258	1.64	1.64	5
Complement component 1 Q subcomponent-binding	O35658	0.38139	1.31	1.31	6
Arf-GAP with GTPase, ANK repeat and PH domain-c	Q8BXX8	0.38552	0.49	2.05	2
STE20/SPS1-related proline-alanine-rich protein kin	Q9Z1W9	0.39160	0.84	1.19	2
Ezrin	P26040	0.39171	1.14	1.14	7
Moesin	P26041	0.39172	1.14	1.14	
Adhesion G protein-coupled receptor L1	Q80TR1	0.39182	0.74	1.36	3
Copine-6	Q9Z140	0.39193	0.86	1.16	12
Proline-rich protein 7	Q3V0I2	0.39981	0.76	1.32	6
Arf-GAP with GTPase, ANK repeat and PH domain-c	Q8VHH5	0.40761	1.00	1.00	6
Protein EFR3 homolog A	Q8BG67	0.41149	1.17	1.17	6
Ras-related protein M-Ras	O08989	0.41342	0.77	1.30	3
Tricarboxylate transport protein, mitochondrial	Q8JZU2	0.41349	0.86	1.16	8
Rho GTPase-activating protein 30	Q640N3	0.41349	0.89	1.12	16
Rho GTPase-activating protein 33	Q80YF9	0.41349	0.89	1.13	
Rho GTPase-activating protein 32	Q811P8	0.41349	0.89	1.14	
Serine/threonine-protein kinase MARK1	Q8VHJ5	0.41533	0.80	1.25	5
Guanine nucleotide-binding protein G(q) subunit alph	P21279	0.41533	1.25	1.25	5
Pleckstrin homology domain-containing family A men	Q8BUL6	0.41533	0.87	1.14	3
Tubulin beta-4A chain	Q9D6F9	0.41533	1.08	1.08	72
Tubulin beta-2B chain	Q9CWF2	0.41534	1.08	1.08	
Tubulin beta-6 chain	Q922F4	0.41535	1.08	1.08	
Tubulin beta-2A chain	Q7TMM9	0.41536	1.08	1.08	
Tubulin beta-5 chain	P99024	0.41537	1.08	1.08	
Tubulin beta-1 chain	A2AQ07	0.41538	1.08	1.08	
Tubulin beta-4B chain	P68372	0.41539	1.08	1.08	
NADH dehydrogenase [ubiquinone] 1 alpha subcomp	Q99LC3	0.41722	1.11	1.11	15
40S ribosomal protein S2	P25444	0.41723	0.88	1.14	6
TOM1-like protein 2	Q5SRX1	0.41724	1.14	1.14	7
Stomatin-like protein 2, mitochondrial	Q99JB2	0.41898	1.24	1.24	3
Echinoderm microtubule-associated protein-like 5	Q8BQM8	0.41898	0.98	1.02	7
Tyrosine-protein kinase JAK1	P52332	0.42432	1.23	1.23	4
Uncharacterized protein C2orf81 homolog	Q9DAQ4	0.42433	1.23	1.23	

Junctional protein associated with coronary artery disease	Q5DTX6	0.42436	0.70	1.44	3
Pleckstrin homology domain-containing family H member 1	Q80T11	0.42440	1.15	1.15	4
Guanine nucleotide-binding protein G(k) subunit alpha	Q9DC51	0.42786	1.13	1.13	9
Guanine nucleotide-binding protein G(t) subunit alpha	Q3V3I2	0.42787	1.13	1.13	
Guanine nucleotide-binding protein G(i) subunit alpha	B2RSH2	0.42788	1.13	1.13	
Guanine nucleotide-binding protein G(t) subunit alpha	P20612	0.42789	1.13	1.13	
Cadherin-11	P55288	0.42947	0.82	1.21	2
Neurexin-1-beta	P0DI97	0.42947	0.89	1.12	17
Neurexin-1	Q9CS84	0.42947	0.89	1.13	
Transgelin-3	Q9R1Q8	0.43117	0.75	1.33	2
Transgelin-2	Q9WVA4	0.43117	0.75	1.34	
Prostasin	Q9ESD1	0.43138	1.38	1.38	2
Transmembrane protein 255B	Q5FW56	0.43391	1.07	1.07	27
Myelin-oligodendrocyte glycoprotein	Q61885				
5'-nucleotidase	Q61503	0.43391	1.12	1.12	15
Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-1	Q61016	0.43391	1.14	1.14	3
Receptor-type tyrosine-protein phosphatase delta	Q64487	0.43453	0.87	1.15	13
Receptor-type tyrosine-protein phosphatase F	A2A8L5	0.43453	0.87	1.16	
Receptor-type tyrosine-protein phosphatase S	B0V2N1	0.43453	0.87	1.17	
Protein phosphatase 1 regulatory subunit 29	Q68FM6	0.43461	0.83	1.20	7
Zinc finger protein 90	Q61967	0.43584	0.85	1.17	14
Liprin-alpha-3	P60469	0.43584	0.85	1.18	
Vezatin	Q3ZK22	0.43584	0.85	1.19	
Dynein light chain 1, cytoplasmic	P63168	0.43584	0.95	1.05	11
Dynein light chain 2, cytoplasmic	Q9D0M5	0.43584	0.95	1.06	
Voltage-dependent L-type calcium channel subunit beta-1	Q8CC27	0.43584	0.91	1.09	9
Voltage-dependent L-type calcium channel subunit beta-2	Q8R0S4	0.43584	0.91	1.10	
PH and SEC7 domain-containing protein 3	Q2PFD7	0.43619	1.01	1.01	30
Voltage-dependent calcium channel subunit alpha-2A	Q5RJF7	0.43719	1.27	1.27	2
Voltage-dependent calcium channel subunit alpha-2B	Q9Z1L5	0.43720	1.27	1.27	
Alpha-adducin	Q9QYC0	0.43783	1.10	1.10	16
60S ribosomal protein L12	P35979	0.44213	0.80	1.25	4
Argininosuccinate synthase	P16460	0.44335	0.84	1.19	10

Actin-related protein 2/3 complex subunit 1A	Q9R0Q6	0.44346	0.83	1.20	11
Actin-related protein 2/3 complex subunit 1B	Q9WV32	0.44346	0.83	1.21	
Noelin	O88998	0.44358	0.86	1.16	7
Serine/threonine-protein kinase ULK2	Q9QY01	0.44369	1.40	1.40	2
T-complex protein 1 subunit zeta	P80317	0.44477	1.30	1.30	2
Sideroflexin-3	Q91V61	0.44488	0.88	1.14	11
Prohibitin	P67778	0.44778	1.12	1.12	13
Protein kinase C beta type	P68404	0.44778	1.07	1.07	19
Leucine-rich glioma-inactivated protein 1	Q9JIA1	0.45236	1.10	1.10	16
Exocyst complex component 2	Q9D4H1	0.45250	1.15	1.15	18
Transitional endoplasmic reticulum ATPase	Q01853	0.46148	1.13	1.13	8
Peroxisredoxin-5, mitochondrial	P99029	0.46166	1.15	1.15	10
Disks large-associated protein 2	Q8BJ42	0.46166	0.90	1.12	27
Sprouty-related, EVH1 domain-containing protein 1	Q924S8	0.47399	1.13	1.13	4
Neurologin-3	Q8BYM5	0.48141	0.76	1.32	2
EH domain-containing protein 3	Q9QXY6	0.48141	1.16	1.16	3
Coronin-2B	Q8BH44	0.48247	0.88	1.14	11
ATP synthase subunit d, mitochondrial	Q9DCX2	0.48247	1.04	1.04	14
Magnesium transporter MRS2 homolog, mitochondrial	Q5NCE8	0.48277	1.19	1.19	3
Guanine nucleotide-binding protein subunit alpha-1	P27600	0.48277	1.20	1.20	10
ARF GTPase-activating protein GIT	Q68FF6	0.48277	0.92	1.09	15
ATP-binding cassette sub-family A	Q8K440	0.48277	0.92	1.10	
ATP-binding cassette sub-family Amember 8-A	Q8K442	0.48277	0.92	1.11	
ATP-binding cassette sub-family Amember 9	Q8K449	0.48277	0.92	1.12	
Beta-Ala-His dipeptidase	Q8BUG2	0.48277	0.92	1.13	
Exocyst complex component 7	O35250	0.48352	1.16	1.16	6
Metabotropic glutamate receptor 4	Q68EF4	0.48378	0.82	1.22	3
60S ribosomal protein L18	P35980	0.48836	0.92	1.09	5
Eukaryotic translation initiationfactor 4H	Q9WUK2	0.48836	1.16	1.16	2
Acylglycerol kinase, mitochondria	Q9ESW4	0.48854	0.80	1.25	4
Phospholipase D1	Q9Z280	0.48854	1.08	1.08	20
Mitochondrial dicarboxylate carrier	Q9QZD8	0.48854	0.88	1.14	5
Elongation factor 1-alpha 2	P62631	0.48934	1.13	1.13	23

AP-2 complex subunit alpha-2	P17427	0.48934	1.09	1.09	23
Ferrochelatase, mitochondrial	P22315	0.49572	1.18	1.18	2
Voltage-gated potassium channel subunit beta-3	P97382	0.50076	1.12	1.12	20
Voltage-gated potassium channel subunit beta-2	P62482	0.50077	1.12	1.12	
Voltage-gated potassium channel subunit beta-1	P63143	0.50078	1.12	1.12	
ATPase inhibitor, mitochondrial	O35143	0.50106	1.32	1.32	9
V-type proton ATPase subunit E 1	P50518	0.50106	1.06	1.06	9
V-type proton ATPase subunit E 2	Q9D593				
Solute carrier family 2, facilitated glucose transporter	P17809	0.50875	1.12	1.12	6
Myosin light polypeptide 6	Q60605	0.50875	1.13	1.13	6
Transmembrane protein 126A	Q9D8Y1	0.50875	0.97	1.03	2
Tripeptidyl-peptidase 1	O89023	0.50973	0.90	1.11	6
Potassium voltage-gated channel subfamily H memb	O35219	0.50973	1.05	1.05	40
Septin-4	P28661				
Exocyst complex component 5	Q3TPX4	0.50973	1.10	1.10	6
Dynamamin-3	Q8BZ98	0.51205	1.04	1.04	20
NADH dehydrogenase [ubiquinone] 1 beta subcompl	Q3UIU2	0.51205	0.78	1.29	3
NADH-cytochrome b5 reductase 3	Q9DCN2	0.51205	0.70	1.42	3
Mitochondrial pyruvate carrier 2	Q9D023	0.51529	0.79	1.26	5
NACHT and WD repeat domain-containing protein 2	Q6P5U7	0.51529	0.95	1.05	26
UPF0568 protein C14orf166 homolog	Q9CQE8	0.51529	0.83	1.20	5
Prohibitin-2	O35129	0.52197	1.14	1.14	12
Protein scribble homolog	Q80U72	0.52265	1.19	1.19	3
Leucine-rich repeat-containing protein 1	Q80VQ1				
Prickle-like protein 3	Q80VL3	0.52265	0.77	1.30	4
Prickle-like protein 2	Q80Y24				
Ras and Rab interactor 2	Q9D684	0.52332	1.34	1.34	2
Tyrosine-protein kinase Yes	Q04736	0.52333	1.34	1.34	
Fibroblast growth factor receptor 3	Q61851	0.52334	1.34	1.34	
Cyclin-dependent kinase 20	Q9JHU3	0.52335	1.34	1.34	
Fibroblast growth factor receptor 2	P21803	0.52336	1.34	1.34	
Fibroblast growth factor receptor 1	P16092	0.52337	1.34	1.34	
Fibroblast growth factor receptor4	Q03142	0.52338	1.34	1.34	

Serine/threonine-protein kinase MAK	Q04859	0.52339	1.34	1.34	
Tyrosine-protein kinase Blk	P16277	0.52340	1.34	1.34	
Leukocyte surface antigen CD47	Q61735	0.52332	1.07	1.07	8
NADH-ubiquinone oxidoreductase ch	P03911	0.52986	0.85	1.18	6
Vacuolar protein sorting-associat	Q91W86	0.53223	1.13	1.13	5
D-beta-hydroxybutyrate dehydrogen	Q80XN0	0.53283	0.86	1.16	3
Ras-related protein Rap-1A	P62835	0.53283	1.13	1.13	9
Ras-related protein Rap-1b	Q99J16				
Amine oxidase [flavin-containing]	Q8BW75	0.53925	0.83	1.21	3
T-cell ecto-ADP-ribosyltransferas	O35975	0.54971	1.16	1.16	2
Rab11 family-interacting protein	Q8R361	0.55423	1.18	1.18	3
C-terminal-binding protein 1	O88712	0.55423	1.03	1.03	3
C-terminal-binding protein 2	P56546				
Ras-related protein Rab-35	Q6PHN9	0.55467	1.12	1.12	15
Serine/threonine-protein kinase T	Q8BYC6	0.55467	1.10	1.10	5
Actin-related protein 2/3 complex	Q9D898	0.56090	1.13	1.13	3
V-type proton ATPase catalytic su	P50516	0.56459	1.06	1.06	16
Metabotropic glutamate receptor 6	Q5NCH9				
G protein-regulated inducer of ne	Q3UNH4	0.56459	0.87	1.15	5
ATP synthase subunit alpha, mitoc	Q03265	0.56459	1.09	1.09	38
Rab GDP dissociation inhibitor be	Q61598	0.56459	1.21	1.21	3
Lymphocyte antigen 6H	Q9WUC3	0.56531	1.22	1.22	2
GTPase Era, mitochondrial	Q9CZU4	0.56531	0.79	1.27	2
Mitochondrial fission factor	Q6PCP5	0.56531	0.67	1.48	2
Sickle tail protein	A2AQ25	0.56567	0.94	1.06	34
40S ribosomal protein S3a	P97351	0.56567	0.91	1.10	4
Putative mitochondrial import inn	Q4FZG7	0.56672	1.14	1.14	4
Mitochondrial import inner membra	Q9WVA2				
Ephexin-1	Q8CHT1	0.56709	1.19	1.19	5
Plasma membrane calcium-transport	G5E829	0.56775	0.85	1.18	4
Plasma membrane calcium-transport	Q6Q477				
Neuronal growth regulator 1	Q80Z24	0.56780	1.08	1.08	8
AP-1 complex subunit beta-1	O35643	0.56780	1.15	1.15	9

G-protein coupled receptor family	Q8K3J9				
cAMP-dependent protein kinase cat	P68181	0.56780	1.20	1.20	5
Cytochrome c oxidase subunit 5A,	P12787	0.56926	1.10	1.10	19
DnaJ homolog subfamily A member 1	P63037	0.58501	0.90	1.12	10
OCIA domain-containing protein 2	Q9D8W7	0.59081	0.81	1.23	3
Cytoplasmic dynein 1 heavy chain	Q9JHU4	0.59673	1.05	1.05	107
Myeloid-associated differentiatio	O35682	0.59673	0.80	1.25	5
Alpha-enolase	P17182	0.59868	1.15	1.15	7
Beta-enolase	P21550				
DnaJ homolog subfamily C member 1	Q5U458	0.60435	1.06	1.06	2
Guanine nucleotide-binding protei	P18872	0.60626	1.07	1.07	18
Exocyst complex component 6B	A6H5Z3	0.60817	1.13	1.13	10
Metaxin-2	O88441	0.61194	1.18	1.18	7
V-type proton ATPase 116 kDa subu	Q920R6	0.61194	0.96	1.04	26
Cardiomyopathy-associated protein	Q70KF4				
V-type proton ATPase 116 kDa subu	P15920				
V-type proton ATPase 116 kDa subu	Q9Z1G4				
RAS guanyl-releasing protein 1	Q9Z1S3	0.62116	0.77	1.30	2
Coiled-coil domain-containing pro	Q4QRL3	0.62117	1.07	1.07	28
Calpain-5	O08688				
Monocyte differentiation antigen	P10810				
Small G protein signaling modulat	Q80U12				
Small G protein signaling modulat	Q8BPQ7				
60S ribosomal protein L8	P62918	0.62117	0.91	1.09	8
Flotillin-1	O08917	0.62118	0.93	1.07	14
Mitochondrial coenzyme A transpor	Q8R0Y8	0.62118	1.21	1.21	2
Protein furry homolog	E9Q8I9	0.62120	1.10	1.10	17
General transcription factor 3C p	Q8K284				
Splicing factor, suppressor of wh	Q3USH5	0.62120	1.12	1.12	14
Disheveled-associated activator o	Q80U19				
Tight junction protein ZO-3	Q9QXY1	0.62120	1.15	1.15	28
Tight junction protein ZO-2	Q9Z0U1				
40S ribosomal protein S20	P60867	0.62300	0.93	1.08	4

Carboxypeptidase M	Q80V42	0.62836	1.03	1.03	26
ATP-binding cassette sub-family E	P61222	0.62836	0.87	1.15	3
Reticulon-4	Q99P72	0.63012	1.11	1.11	13
IST1 homolog	Q9CX00	0.63187	1.11	1.11	2
Dedicator of cytokinesis protein	P59764	0.63700	1.12	1.12	12
Gamma-adducin	Q9QYB5	0.63700	0.88	1.13	10
Glyceraldehyde-3-phosphate dehydr	P16858	0.63708	0.94	1.06	20
Glyceraldehyde-3-phosphate dehydr	Q64467				
Guanine nucleotide-binding protei	Q8CGK7	0.63708	1.12	1.12	5
Guanine nucleotide-binding protei	O70443	0.63716	1.19	1.19	14
Dual specificity mitogen-activate	Q8CE90	0.64220	0.88	1.14	3
Jerky protein	Q60976	0.64388	1.02	1.02	5
Pleckstrin homology domain-contai	Q9QYE9				
Leucine-rich repeat transmembrane	Q80XG9	0.64543	0.86	1.16	5
Dual specificity protein phosphat	Q8R4V2	0.64543	1.09	1.09	14
Glia-derived nexin	Q07235	0.64556	1.14	1.14	4
Serpin B12	Q9D7P9				
NADH dehydrogenase [ubiquinone] 1	Q9CQC7	0.64709	0.82	1.22	5
Protein kinase C and casein kinas	Q99JB8	0.65023	1.07	1.07	9
Neurologin 4-like	B0F2B4	0.65023	0.70	1.42	2
Neurologin-2	Q69ZK9				
Protein 4,1	P48193	0.65038	0.89	1.12	6
Band 4,1-like protein 1	Q9Z2H5				
40S ribosomal protein S3	P62908	0.65038	0.89	1.13	7
4-aminobutyrate aminotransferase,	P61922	0.65186	1.19	1.19	3
LanC-like protein 1	O89112	0.65686	0.84	1.19	3
Visinin-like protein 1	P62761	0.65846	1.14	1.14	18
Kv channel-interacting protein 4	Q6PHZ8	0.65847	1.14	1.14	
Kv channel-interacting protein 2	Q9JJ69	0.65848	1.14	1.14	
Disks large-associated protein 1	Q9D415	0.66298	0.97	1.03	20
Synaptopodin	Q8CC35	0.66298	0.94	1.07	18
Very-long-chain enoyl-CoA reducta	Q9CY27	0.66298	0.85	1.18	6
cGMP-dependent 3',5'-cyclic phosp	Q922S4	0.66498	1.07	1.07	14



Acyl-coenzyme A thioesterase 10,	Q32MW3	0.66498	0.91	1.10	6
Acyl-coenzyme A thioesterase 9, m	Q9R0X4				
cAMP-dependent protein kinase typ	P31324	0.66786	1.12	1.12	4
PR domain zinc finger protein 16	A2A935	0.66939	1.02	1.02	4
Epidermal growth factor receptor	Q60902	0.67092	1.09	1.09	7
NADH dehydrogenase [ubiquinone] 1	Q9DC69	0.67244	1.10	1.10	25
Megakaryocyte-associated tyrosine	P41242	0.67396	0.78	1.28	2
Cadherin-8	P97291	0.68202	0.82	1.22	2
Gamma-aminobutyric acid receptor	P26048	0.68677	0.84	1.20	3
Gamma-aminobutyric acid receptor	Q9D6F4	0.68677	0.84	1.21	
Gamma-aminobutyric acid receptor	P26049	0.68677	0.84	1.22	
Gamma-aminobutyric acid receptor	Q8BHJ7	0.68677	0.84	1.23	
Gamma-aminobutyric acid receptor	P62812	0.68677	0.84	1.24	
Engulfment and cell motility prot	Q8BPU7	0.68969	1.04	1.04	14
Annexin A2	P07356	0.68969	1.12	1.12	6
Rho GTPase-activating protein 23	Q69ZH9	0.69439	1.07	1.07	9
Guanine nucleotide-binding protei	P21278	0.69544	1.21	1.21	3
Guanine nucleotide-binding protei	P30677				
Cadherin-6	P97326	0.69544	0.45	2.23	2
Protein NipSnap homolog 2	O55126	0.69582	0.90	1.11	4
Neuronal calcium sensor 1	Q8BNY6	0.70788	1.12	1.12	12
Major prion protein	P04925	0.70882	1.12	1.12	10
Phospholipid-transporting ATPase	P70704	0.70882	0.99	1.01	7
Phospholipid-transporting ATPase	P98200				
Peroxiredoxin-2	Q61171	0.70926	1.08	1.08	5
60S ribosomal protein L13a	P19253	0.71019	0.93	1.07	6
Ankyrin repeat and BTB/POZ domain	Q6GQW0	0.71155	0.88	1.14	4
Fructose-bisphosphate aldolase C	P05063	0.71200	0.99	1.01	7
Fructose-bisphosphate aldolase B	Q91Y97				
Zinc finger protein 521	Q6KAS7	0.71200	0.91	1.10	2
Zinc finger protein 423	Q80TS5	0.71200	0.91	1.11	
Atlastin-2	Q6PA06	0.71200	0.91	1.12	
Synapsin-2	Q64332	0.71200	0.97	1.03	57

Vesicle-associated membrane prote	Q9WV55	0.71290	0.92	1.09	3
Leucine rich adaptor protein 1	Q9D6I9	0.71425	0.93	1.07	4
Heterochromatin protein 1-binding	Q3TEA8	0.72299	1.12	1.12	5
60 kDa heat shock protein, mitoch	P63038	0.72299	1.17	1.17	6
LIM and calponin homology domains	Q3UH68	0.72348	0.85	1.17	12
Claudin-12	Q9ET43	0.72348	0.88	1.14	2
Protein FAM89B	Q9QUI1	0.72348	1.20	1.20	3
GPI inositol-deacylase	Q3UUQ7	0.72428	1.06	1.06	2
60S ribosomal protein L28	P41105	0.72556	0.98	1.03	2
NADH dehydrogenase [ubiquinone] 1	Q9CR61	0.72580	1.10	1.10	2
Peptidyl-tRNA hydrolase 2, mitoch	Q8R2Y8	0.72759	0.85	1.18	2
Myotubularin-related protein 1	Q9Z2C4	0.72759	1.22	1.22	3
E3 ubiquitin-protein ligase TRIM9	Q8C7M3	0.72810	0.86	1.16	2
Rho GTPase-activating protein 44	Q5SSM3	0.72810	0.96	1.04	3
Cytospin-B	Q5SXY1	0.73187	1.16	1.16	10
NAD-dependent protein deacetylase sirtuin-2	Q8VDQ8	0.73737	1.06	1.06	11
Succinate--CoA ligase [ADP/GDP-forming] subunit a	Q9WUM5	0.73859	1.05	1.05	8
Aggrecan core protein	Q61282	0.73981	0.94	1.07	4
Transmembrane protein 11, mitochondrial	Q8BK08	0.74103	0.79	1.27	3
60S ribosomal protein L34	Q9D1R9	0.74223	0.87	1.15	2
NADH dehydrogenase [ubiquinone] iron-sulfur protei	Q9DCT2	0.74344	1.10	1.10	14
Elongation factor 2	P58252	0.74585	1.03	1.03	4
Protein phosphatase 1 regulatory inhibitor subunit 16	Q8VHQ3	0.74585	0.90	1.11	6
CAD protein	B2RQC6	0.74585	1.12	1.12	2
Hyaluronan and proteoglycan linkprotein 2	Q9ESM3	0.74701	0.90	1.11	12
Casein kinase I isoform alpha	Q8BK63	0.74701	0.85	1.18	2
Excitatory amino acid transporter2	P43006	0.74702	1.05	1.05	6
40S ribosomal protein S11	P62281	0.74760	0.89	1.12	3
Fructose-bisphosphate aldolase A	P05064	0.74818	0.93	1.08	18
Cartilage acidic protein 1	Q8R555	0.74819	1.19	1.19	3
Fibrocystin-L	Q80ZA4	0.74876	0.94	1.06	7
Bridging integrator 2	D3Z6Q9				
Myc box-dependent-interacting protein 1	O08539				

ER membrane protein complex subunit	Q8C7X2	0.74876	1.21	1.21	2
NCK-interacting protein with SH3 domain	Q9ESJ4	0.74934	0.91	1.10	2
NADH-ubiquinone oxidoreductase chain 2	P03893	0.74991	0.87	1.16	2
Methionine--tRNA ligase, cytoplasmic	Q68FL6	0.75046	0.97	1.03	2
Pentatricopeptide repeat domain-containing protein 3	Q14C51	0.75046	1.05	1.05	2
Twinfilin-1	Q91YR1	0.75105	1.24	1.24	2
Rho guanine nucleotide exchange factor 25	Q9CWR0	0.75160	0.91	1.10	39
Kalirin	A2CG49				
Guanine nucleotide exchange factor DBS	Q64096				
Rap guanine nucleotide exchange factor 3	Q8VCC8	0.75209	0.97	1.03	49
Serine dehydratase-like	Q8R238				
Rap guanine nucleotide exchange factor 4	Q9EQZ6				
WD repeat-containing protein 37	Q8CBE3	0.75209	1.23	1.23	6
Sesquipedalian-2	Q14B98	0.75209	0.97	1.03	24
Connector enhancer of kinase suppressor of ras 2	Q80YA9				
Noelin-3	P63056	0.75320	0.91	1.10	4
Copine-4	Q8BLR2	0.75326	0.94	1.07	21
Casein kinase I isoform epsilon	Q9JMK2	0.75326	1.34	1.34	3
Cat eye syndrome critical region protein 6 homolog	Q99MX7	0.75386	0.85	1.18	4
5'-AMP-activated protein kinase catalytic subunit alpha	Q8BRK8	0.75386	0.89	1.13	2
14-3-3 protein theta	P68254	0.75430	0.82	1.21	3
Probable Xaa-Pro aminopeptidase 3	B7ZMP1	0.75438	0.91	1.10	5
Aldehyde dehydrogenase family 3 member B1	Q80VQ0	0.75591	1.11	1.11	19
Aldehyde dehydrogenase family 3 member B2	E9Q3E1				
Aldehyde dehydrogenase family 3 member B3	J3QMK6				
Galactose-3-O-sulfotransferase 2	Q6XQH0	0.75591	1.08	1.08	3
Acetyl-CoA acetyltransferase, mitochondrial	Q8QZT1	0.75650	0.89	1.12	7
Synaptosomal-associated protein 25	P60879	0.75650	0.80	1.25	2
ATP synthase F(0) complex subunit B1, mitochondrial	Q9CQQ7	0.75976	1.19	1.19	6
Cartilage intermediate layer protein 1	Q66K08	0.76359	1.39	1.39	2
Sushi-repeat-containing protein SRPX	Q9R0M3				
Cyclin-dependent kinase-like 5	Q3UTQ8	0.77498	0.96	1.04	11
D-3-phosphoglycerate dehydrogenase	Q61753	0.77498	1.03	1.03	5

Syntaphilin	Q80U23	0.77566	0.89	1.12	11
Syntabulin	Q8BHS8				
Phospholipid hydroperoxide glutathione peroxidase,	Q91XR9	0.77875	1.01	1.01	6
Phospholipid hydroperoxide glutathione peroxidase,	O70325				
Ankyrin repeat and SAM domain-containing protein 1	P59672	0.78250	0.84	1.19	2
Breast carcinoma-amplified sequence 1 homolog	Q80YN3	0.78351	1.06	1.06	19
60S ribosomal protein L27	P61358	0.78452	1.09	1.09	2
NADH dehydrogenase [ubiquinone] iron-sulfur protein	P52503	0.78922	1.09	1.09	4
Brain-specific angiogenesis inhibitor 1	Q3UHD1	0.78922	0.87	1.15	11
UPF0258 protein KIAA1024	Q8K3V7	0.79021	0.93	1.07	3
Peroxisomal multifunctional enzyme type 2	P51660	0.79389	0.96	1.05	12
Alpha-tubulin N-acetyltransferase	Q8K341	0.79755	1.08	1.08	2
Microtubule-associated protein 1S	Q8C052	0.79947	0.93	1.08	2
T-complex protein 11-like protein	Q8BTG3	0.79947	1.18	1.18	2
Serine/threonine-protein kinase BRSK1	Q5RJI5	0.80006	0.94	1.06	9
Phosphatidylglycerophosphatase and protein-tyrosine	Q66GT5	0.80006	0.92	1.09	5
MAGUK p55 subfamily member 5	Q9JLB2	0.80006	1.10	1.10	6
Reticulon-4 receptor-like 1	Q8K0S5	0.80026	1.02	1.02	178
Structural maintenance of chromosomes flexible hinge	Q6P5D8				
UPF0469 protein KIAA0907	Q3TCX3				
Presequence protease, mitochondrial	Q8K411				
Spectrin beta chain, non-erythrocytic 1	Q62261				
Inactive phospholipase C-like protein 1	Q3USB7	0.80026	1.15	1.15	5
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex	Q9CPP6	0.80026	0.88	1.14	4
Cyclin-dependent-like kinase 5	P49615	0.80062	1.13	1.13	4
V-type proton ATPase subunit S1	Q9R1Q9	0.80062	0.95	1.05	2
Myelin and lymphocyte protein	O09198	0.80138	1.07	1.07	7
Unconventional myosin-VI	Q64331	0.80138	1.02	1.02	44
Glutamate receptor ionotropic, kainate 2	P39087	0.80157	0.92	1.08	7
Mitochondrial carrier homolog 1	Q791T5	0.80229	0.87	1.15	6
5'-AMP-activated protein kinase subunit beta-2	Q6PAM0	0.80229	1.09	1.09	3
Sodium-dependent neutral amino acid transporter B(	O88576	0.80251	1.10	1.10	2
Sodium-dependent neutral amino acid transporter B(	Q9D687				

Serine/threonine-protein kinase BRSK2	Q69Z98	0.80304	1.12	1.12	6
Acid ceramidase	Q9WV54	0.80304	0.78	1.28	6
Calcium uptake protein 3, mitochondrial	Q9CTY5	0.80379	1.08	1.08	4
Transketolase	P40142	0.80578	1.17	1.17	4
Microtubule-associated serine/threonine-protein kinase	Q3U214	0.80669	0.92	1.09	4
Serine/threonine-protein kinase greatwall	Q8C0P0				
GTPase HRas	Q61411	0.80759	1.08	1.08	12
GTPase NRas	P08556				
GTPase KRas	P32883				
Fatty acid synthase	P19096	0.81105	1.09	1.09	4
Ryanodine receptor 1	E9PZQ0	0.81194	1.10	1.10	13
Ryanodine receptor 2	E9Q401				
C2 calcium-dependent domain-containing protein 4C	Q5HZI2	0.81283	0.99	1.01	8
ATP synthase-coupling factor 6, mitochondrial	P97450	0.81556	0.83	1.21	3
Histone deacetylase 11	Q91WA3	0.81556	1.20	1.20	2
EH domain-containing protein 1	Q9WVK4	0.81556	0.89	1.12	3
Tyrosine-protein kinase Srms	Q62270	0.81556	0.94	1.06	29
LIM domain kinase 1	P53668				
Hepatocyte growth factor receptor	P16056				
Tyrosine-protein kinase FRK	Q922K9				
Macrophage-stimulating protein receptor	Q62190				
Tyrosine-protein kinase HCK	P08103				
Proto-oncogene tyrosine-protein kinase LCK	P06240				
Neuronal proto-oncogene tyrosine-protein kinase Src	P05480				
Tyrosine-protein kinase Lyn	P25911				
BTB/POZ domain-containing protein KCTD12	Q6WVG3	0.81880	1.08	1.08	3
MAGUK p55 subfamily member 2	Q9WV34	0.81967	1.09	1.09	13
Ras-related protein Rab-18	P35293	0.82089	0.79	1.26	2
UPF0606 protein KIAA1549	Q68FD9	0.82089	0.91	1.10	14
IgLON family member 5	Q8HW98	0.82089	1.00	1.00	3
Gamma-tubulin complex component 3	P58854	0.82089	0.97	1.03	3
Calcium-dependent secretion activator 1	Q80TJ1	0.82089	0.83	1.21	4
Gamma-aminobutyric acid type B receptor subunit 2	Q80T41	0.82151	1.04	1.04	11

Caskin-1	Q6P9K8	0.82151	1.00	1.00	23
40S ribosomal protein S8	P62242	0.82151	0.94	1.07	5
Sacsin	Q9JLC8	0.82151	1.03	1.03	57
Myosin-10	Q61879	0.82157	0.99	1.01	87
Ankyrin repeat and SAM domain-containing protein 3	Q9CZK6				
Nuclear pore membrane glycoprotein 210-like	Q9D2F7	0.82157	0.87	1.15	2
Tubulin gamma-2 chain	Q8VCK3	0.82173	1.10	1.10	3
Tubulin gamma-1 chain	P83887				
Clathrin light chain B	Q6IRU5	0.82236	0.97	1.03	3
ATP-binding cassette sub-family F member 2	Q99LE6	0.82241	1.22	1.22	2
NADH-ubiquinone oxidoreductase 75kDa subunit, mitochondrial	Q91VD9	0.82255	1.09	1.09	22
Polyubiquitin-B	P0CG49	0.82325	0.91	1.10	6
Polyubiquitin-C	P0CG50				
Ubiquitin-40S ribosomal protein S	P62983				
Ubiquitin-60S ribosomal protein L	P62984				
Immunoglobulin superfamily member 21	Q7TNR6	0.82824	1.13	1.13	2
Opalin	Q7M750	0.82825	1.21	1.21	2
Synaptophysin-like protein 1	O09117	0.82825	1.17	1.17	2
Synaptophysin-like protein 2	O89104				
TNF receptor-associated factor 5	P70191	0.82825	0.89	1.13	2
Cation channel sperm-associated protein subunit gamma	E9Q355	0.82986	1.01	1.01	25
Cytochrome b-c1 complex subunit 2	Q9DB77				
Neurofilament heavy polypeptide	P19246	0.82986	1.07	1.07	34
AP-2 complex subunit alpha-1	P17426	0.82987	1.08	1.08	19
Peripheral plasma membrane protein CASK	O70589	0.82987	0.99	1.01	28
Coronin-2A	Q8C0P5	0.82987	0.91	1.09	3
Synaptic vesicle glycoprotein 2A	Q9JIS5	0.83067	2.15	2.15	3
S-phase kinase-associated protein 2	Q9Z0Z3	0.83067	0.94	1.06	2
Multiple coagulation factor deficiency protein 2 homolog 1	Q8K5B2				
Suppressor of cytokine signaling 5	O54928				
Signal transducer and activator of transcription 4	P42228				
Signal transducer and activator of transcription 2	Q9WVL2				
Signal transducer and transcription activator 6	P52633				

Signal transducer and activator of transcription 1	P42225				
Signal transducer and activator of transcription 3	P42227				
Suppressor of cytokine signaling 4	Q91ZA6				
Signal transducer and activator of transcription 5b	P42232				
Signal transducer and activator of transcription 5a	P42230				
Germ cell-specific gene 1-like protein	D3Z7H4	0.83142	0.92	1.08	4
MICOS complex subunit Mic19	Q9CRB9	0.83142	0.90	1.11	3
Ankyrin repeat domain-containing protein 63	A2ARS0	0.83142	1.06	1.06	2
Vacuolar protein sorting-associated protein 16 homolog	Q920Q4	0.83145	1.08	1.08	6
Dual specificity mitogen-activated protein kinase kinase	P47809	0.83145	1.04	1.04	3
Alpha-1,3/1,6-mannosyltransferase ALG2	Q9DBE8	0.83145	1.18	1.18	4
Cell adhesion molecule 4	Q8R464	0.83145	0.85	1.17	3
Plasma membrane calcium-transporting ATPase 2	Q9R0K7	0.83145	0.93	1.08	9
Oligodendrocyte-myelin glycoprotein	Q63912	0.83215	1.18	1.18	12
Glutaryl-CoA dehydrogenase	Q60759	0.83215	0.91	1.10	2
Dynamin-1	P39053	0.83216	1.01	1.01	30
snRNA-activating protein complex	Q91XA5				
Retinitis pigmentosa 1-like 1 protein	Q8CGM2	0.83216	1.07	1.07	2
Serine beta-lactamase-like protein LACTB, mitochondrial	Q9EP89				
Cytoplasmic FMR1-interacting protein 1	Q7TMB8	0.83217	1.11	1.11	8
Carbamoyl-phosphate synthase [ammonia], mitochondrial	Q8C196				
Transcription initiation factor TFIID subunit 7	Q9R1C0				
Nischarin	Q80TM9	0.83289	1.03	1.03	2
Glutamate receptor ionotropic, NMDA 2C	Q01098	0.83290	0.88	1.14	3
Regulator of G-protein signaling 7	Q54829	0.83291	1.09	1.09	3
Myelin proteolipid protein	P60202	0.83300	0.98	1.02	43
Testis- and ovary-specific PAZ domain-containing protein	E5FYH1	0.83300	0.90	1.11	9
Voltage-dependent R-type calcium channel subunit alpha	Q61290				
Programmed cell death 6-interacting protein	Q9WU78	0.83300	1.13	1.13	3
Paralemmin-2	Q8BR92	0.83305	1.25	1.25	11
Cadherin-2	P15116	0.83361	0.91	1.10	28
Cadherin-4	P39038				
Vacuolar protein sorting-associated protein 18 homolog	Q8R307	0.83361	1.10	1.10	6

NADH-ubiquinone oxidoreductase chain 5	P03921	0.83369	1.14	1.14	8
Serine/threonine-protein kinase DCLK1	Q9JLM8	0.83369	0.92	1.09	14
Protein-arginine deiminase type-2	Q08642	0.83369	1.17	1.17	2
NADH dehydrogenase [ubiquinone] 1alpha subcomp	Q9ERS2	0.83384	1.00	1.00	4
Pecanex-like protein 1	Q9QYC1				
Pyrin	Q9JJ26				
DNA repair protein RAD51 homolog 3	Q924H5				
Potassium voltage-gated channel subfamily A memb	Q61923	0.83424	1.16	1.16	3
UDP-N-acetylglucosamine--peptideN-acetylglucosam	Q8CGY8	0.83424	1.07	1.07	5
Ephrin type-B receptor 3	P54754	0.83428	0.91	1.10	2
Ephrin type-A receptor 4	Q03137				
Ephrin type-A receptor 6	Q62413				
Ephrin type-B receptor 1	Q8CBF3				
Desmoplakin	E9Q557	0.83428	1.02	1.02	5
Ras-related protein Rab-10	P61027	0.83428	1.18	1.18	5
Regulator of G-protein signaling 9	O54828	0.83434	0.90	1.12	2
FERM domain-containing protein 4A	Q8BIE6	0.83436	1.05	1.05	3
FERM domain-containing protein 4B	Q920B0				
Arf-GAP with SH3 domain, ANK repeat and PH doma	Q7SIG6	0.83436	1.07	1.07	3
Arf-GAP with SH3 domain, ANK repeat and PH doma	Q9QWY8				
Casein kinase II subunit alpha'	O54833	0.83463	0.88	1.13	9
Phosphatidylinositol 5-phosphate 4-kinase type-2 alp	O70172	0.83497	0.91	1.10	3
Epidermal growth factor receptor kinase substrate 8	Q08509	0.83497	0.87	1.15	2
Acid-sensing ion channel 1	Q6NXX8	0.83497	0.88	1.13	2
Ras-related protein Rab-8A	P55258	0.83523	0.96	1.05	2
Transcriptional activator protein Pur-alpha	P42669	0.83523	0.96	1.04	5
Fatty aldehyde dehydrogenase	P47740	0.83531	0.82	1.22	2
Nuclear distribution protein nudE-like 1	Q9ERR1	0.83531	1.28	1.28	3
Nuclear distribution protein nudEhomolog 1	Q9CZA6				
Contactin-associated protein-like 2	Q9CPW0	0.83598	1.02	1.02	19
Dihydrolipoyllysine-residue acetyltransferase compo	Q8BMF4	0.83610	1.05	1.05	18
Neuronal membrane glycoprotein M6	P35802	0.83648	1.14	1.14	4
Ciliary neurotrophic factor receptor subunit alpha	O88507	0.83648	1.20	1.20	3



Delphinin	Q0QWG9	0.83648	0.95	1.05	7
Pyruvate dehydrogenase protein X	Q8BKZ9	0.83716	0.95	1.05	8
Band 4,1-like protein 3	Q9WV92	0.83726	0.99	1.01	29
Dual specificity mitogen-activated protein kinase kinase	P31938	0.83755	0.98	1.02	4
Methylmalonic aciduria type A homolog, mitochondrial	Q8C7H1	0.83755	0.92	1.09	5
Hyaluronan and proteoglycan linkprotein 4	Q80WM4	0.83759	0.95	1.05	10
Hyaluronan and proteoglycan linkprotein 3	Q80WM5				
CaM kinase-like vesicle-associated protein	Q3UHL1	0.83759	0.99	1.01	10
Dynactin subunit 1	O08788	0.83798	1.15	1.15	15
Alpha-centractin	P61164	0.83834	1.11	1.11	4
Beta-hexosaminidase subunit beta	P20060	0.83839	0.88	1.14	10
WD repeat-containing protein 7	Q92019	0.83870	1.07	1.07	8
ATP synthase subunit g, mitochondrial	Q9CPQ8	0.85208	1.13	1.13	3
Calcineurin subunit B type 1	Q63810	0.85264	0.93	1.08	2
Calcineurin subunit B type 2	Q63811				
ATP-dependent 6-phosphofructokinase	P47857	0.85264	1.02	1.02	27
Choline transporter-like protein 5	Q5RJI2	0.85264	0.91	1.10	8
Citrate synthase, mitochondrial	Q9CZU6				
Membrane-associated phosphatidylinositol transfer protein	Q6ZPQ6	0.85331	0.89	1.12	6
Fructosamine-3-kinase	Q9ER35	0.85374	1.40	1.40	3
Neurocan core protein	P55066	0.85374	0.94	1.07	7
Beta-adducin	Q9QYB8	0.85398	1.08	1.08	6
Drebrin	Q9QXS6	0.85452	1.05	1.05	8
WAS/WASL-interacting protein family member 3	P0C7L0	0.85452	1.03	1.03	6
ATP-dependent RNA helicase DDX1	Q91VR5	0.85489	0.93	1.08	8
Golgi-associated plant pathogenesis-related protein	Q9CYL5	0.85531	0.93	1.07	2
Casein kinase I isoform gamma-2	Q8BVP5	0.85531	0.78	1.29	4
Casein kinase I isoform gamma-3	Q8C4X2				
Cyclin-dependent kinase 5 activator 2	O35926	0.85611	1.27	1.27	3
PH and SEC7 domain-containing protein 1	Q5DTT2	0.85611	0.92	1.09	7
U7 snRNA-associated Sm-like protein LSm11	Q8BUV6	0.85649	0.90	1.11	2
Rotatin	Q8R4Y8	0.85688	0.93	1.07	2
Flotillin-2	Q60634	0.85688	0.93	1.08	14

Dynamin-2	P39054	0.85688	0.87	1.14	7
Disheveled-associated activator of morphogenesis 1	Q8BPM0	0.85688	1.00	1.00	16
Fascin	Q61553	0.85989	1.05	1.05	3
Glutamate receptor 4	Q9Z2W8	0.85989	0.88	1.14	9
Rho-related GTP-binding protein RhoC	Q62159	0.86053	1.12	1.12	3
Transforming protein RhoA	Q9QUI0				
Acyl-protein thioesterase 2	Q9WTL7	0.86087	1.00	1.00	2
Adenosine 3'-phospho 5'-phosphosulfate transporter	Q91ZN5	0.86151	1.02	1.02	241
Spectrin alpha chain, non-erythrocytic 1	P16546				
Huntingtin	P42859				
Eukaryotic translation initiation factor 3 subunit B	Q8JZQ9	0.86262	0.93	1.07	2
Trimethylguanosine synthase	Q923W1				
PR domain zinc finger protein 1	Q60636				
Cullin-3	Q9JLV5				
Integral membrane protein 2B	O89051	0.86262	1.07	1.07	5
3-ketoacyl-CoA thiolase B, peroxisomal	Q8VCH0	0.86340	1.05	1.05	2
3-ketoacyl-CoA thiolase A, peroxisomal	Q921H8				
C-Jun-amino-terminal kinase-interacting protein 3	Q9ESN9	0.86340	0.86	1.17	3
Enoyl-CoA delta isomerase 2, mitochondrial	Q9WUR2	0.86419	0.99	1.01	3
A-kinase anchor protein 5	D3YVF0	0.86528	1.11	1.11	11
Traf2 and NCK-interacting protein kinase	P83510	0.86739	0.94	1.07	6
Protein lifeguard 3	Q8BJZ3	0.86739	0.92	1.09	2
Metabotropic glutamate receptor 5	Q3UVX5	0.86739	1.04	1.04	3
Neuron navigator 1	Q8CH77	0.86757	0.84	1.19	3
Voltage-dependent L-type calcium channel subunit b	P54285	0.86757	0.90	1.11	8
28S ribosomal protein S31, mitochondrial	Q61733	0.86757	1.08	1.08	2
Peptidyl-prolyl cis-trans isomerase A	P17742	0.86800	0.86	1.16	2
Cofilin-1	P18760	0.86916	0.86	1.16	3
Serine/threonine-protein kinase 25	Q9Z2W1	0.86916	1.03	1.03	2
Serine/threonine-protein kinase 26	Q99JT2				
Serine/threonine-protein kinase 24	Q99KH8				
Actin-related protein 3B	Q641P0	0.86977	0.96	1.04	5
Actin-related protein 3	Q99JY9				

BTB/POZ domain-containing protein 17	Q9DB72	0.86981	1.17	1.17	11
Monoacylglycerol lipase ABHD12	Q99LR1	0.86981	0.90	1.11	4
Ras GTPase-activating protein 3	Q60790	0.86981	1.07	1.07	20
Cell division control protein 42	P60766	0.86996	1.08	1.08	9
F-box only protein 41	Q6NS60	0.87041	0.97	1.04	10
60S ribosomal protein L13	P47963	0.87101	0.98	1.02	7
Zinc finger and BTB domain-containing protein 20	Q8K0L9	0.87161	0.94	1.06	14
Integrin beta-3	O54890				
Leucine-rich repeat-containing protein 57	Q9D1G5				
Nck-associated protein 1	P28660	0.88069	1.02	1.02	35
Serine/threonine-protein phosphatase PP1-beta cata	P62141	0.88069	1.01	1.01	16
Serine/threonine-protein phosphatase PP1-alpha cat	P62137				
Serine/threonine-protein phosphatase PP1-gamma c	P63087				
TANK-binding kinase 1-binding protein 1	A2A9T0	0.88299	1.01	1.01	2
Beta-centractin	Q8R5C5	0.88299	1.05	1.05	3
Rho-related GTP-binding protein RhoB	P62746	0.88381	0.91	1.10	3
Ceramide kinase	Q8K4Q7	0.88381	0.96	1.04	6
Optic atrophy 3 protein homolog	Q505D7	0.88476	0.90	1.11	2
Echinoderm microtubule-associatedprotein-like 6	Q5SQM0	0.88476	1.04	1.04	5
Cyclin-dependent kinase 17	Q8K0D0	0.88532	0.96	1.04	4
Protein TANC2	A2A690	0.88552	0.97	1.03	24
Gamma-enolase	P17183	0.88557	0.92	1.09	2
Protein FAM49B	Q921M7	0.88557	1.17	1.17	3
Peptidyl-prolyl cis-trans isomerase FKBP8 2	O35465	0.88557	0.72	1.39	2
SID1 transmembrane family member2	Q8CIF6	0.88557	0.99	1.01	102
Unconventional myosin-Vb	P21271				
Unconventional myosin-Va	Q99104				
Mitochondrial glutamate carrier 2	Q9DB41	0.88665	0.88	1.14	7
Serine/threonine-protein phosphatase 2A 56 kDa reg	Q61151	0.88665	1.10	1.10	3
Cdc42 effector protein 1	Q91W92	0.88721	0.90	1.11	5
Probable ubiquitin carboxyl-terminal hydrolase FAF-)	P70398	0.89358	1.04	1.04	7
NADH dehydrogenase [ubiquinone] 1alpha subcomp	Q9CQ75	0.89712	1.03	1.03	6
Hemoglobin subunit epsilon-Y2	P02104	0.89712	0.99	1.01	5

Hemoglobin subunit beta-1	P02088				
Hemoglobin subunit beta-2	P02089				
Hyaluronan and proteoglycan linkprotein 1	Q9QUP5	0.89712	0.92	1.08	16
26S protease regulatory subunit 10b	P62334	0.89762	0.97	1.04	2
Vacuolar protein sorting-associated protein 51 homo	Q3UVL4	0.89783	1.13	1.13	2
MICOS complex subunit Mic25	Q91VN4	0.89783	0.78	1.28	4
Reticulon-3	Q9ES97	0.89820	0.88	1.14	4
Interleukin-1 receptor accessoryprotein-like 1	P59823	0.89820	1.11	1.11	3
Glycerol kinase	Q64516	0.89832	0.85	1.17	12
Glycerol kinase 2	Q9WU65				
Dynamin-like 120 kDa protein, mitochondrial	P58281	0.89850	0.93	1.08	2
Plakophilin-4	Q68FH0	0.89850	0.93	1.07	43
Calcium-binding mitochondrial carrier protein Aralar2	Q9QXX4	0.89861	1.09	1.09	2
40S ribosomal protein S23	P62267	0.89861	0.84	1.20	2
Cathepsin B	P10605	0.89881	0.90	1.12	3
Heat shock factor-binding protein1	Q9CQZ1	0.89899	0.77	1.30	4
Voltage-dependent P/Q-type calcium channel subuni	P97445	0.89899	0.98	1.02	30
NADH dehydrogenase [ubiquinone] 1alpha subcomp	Q7TMF3	0.89901	0.92	1.09	9
Tumor susceptibility gene 101 protein	Q61187	0.89901	0.92	1.09	4
Coronin-1C	Q9WUM4	0.89901	0.96	1.04	9
Rho guanine nucleotide exchange factor 9	Q3UTH8	0.89904	1.07	1.07	3
Spermatogenesis-associated protein 13	Q5DU57				
Rho guanine nucleotide exchange factor 4	Q7TNR9				
Junctional adhesion molecule C	Q9D8B7	0.89914	0.56	1.77	2
Syntaxin-binding protein 6	Q8R3T5	0.89914	1.03	1.03	3
ATP-dependent 6-phosphofructokinase, liver type	P12382	0.89919	0.97	1.04	7
Potassium voltage-gated channel subfamily KQT me	Q9Z351	0.89919	1.06	1.06	4
Gephyrin	Q8BUV3	0.89930	1.05	1.05	13
Sphingosine-1-phosphate lyase 1	Q8R0X7	0.89957	1.03	1.03	2
Myosin light chain 6B	Q8CI43	0.89961	1.32	1.32	3
Ubiquitin carboxyl-terminal hydrolase 46	P62069	0.89970	0.92	1.09	3
Ras-related protein Rab-22A	P35285	0.89970	0.95	1.06	3
Ras-related protein Rab-31	Q921E2				

Voltage-dependent calcium channel subunit alpha-2	O08532	0.89970	1.13	1.13	2
Cathepsin F	Q9R013	0.89979	0.86	1.16	2
cAMP-dependent protein kinase catalytic subunit alp	P05132	0.89979	1.01	1.01	3
NADH dehydrogenase [ubiquinone] 1 beta subcompl	O09111	0.89989	0.94	1.06	2
Periaxin	O55103	0.89989	1.06	1.06	7
Phosphofurin acidic cluster sorting protein 1	Q8K212	0.89989	1.06	1.06	13
Ras-related protein Rab-14	Q91V41	0.89989	0.98	1.02	3
Dystonin	Q91ZU6	0.90007	0.97	1.03	54
Unconventional myosin-Ia	O88329	0.90007	1.03	1.03	15
Unconventional myosin-Ib	P46735				
Cytochrome b5 type B	Q9CQX2	0.90007	0.87	1.15	3
Plasmolipin	Q9DCU2	0.90007	0.91	1.10	9
Exocyst complex component 1	Q8R3S6	0.90008	0.91	1.09	10
Protein C10	O35127	0.90009	1.06	1.06	4
60S ribosomal protein L7	P14148	0.90009	0.96	1.04	10
60S ribosomal protein L7-like 1	Q9D8M4				
Fibrinogen beta chain	Q8K0E8	0.90016	1.10	1.10	2
Protein RUFY3	Q9D394	0.90031	1.10	1.10	4
Homer protein homolog 2	Q9QWW1	0.90031	1.14	1.14	7
Synaptotagmin-6	Q9R0N8	0.90052	1.04	1.04	9
Disintegrin and metalloproteinase domain-containing	Q9R1V6	0.90052	1.14	1.14	7
Phosphate carrier protein, mitochondria	Q8VEM8	0.90059	0.98	1.02	12
GTP-binding protein Di-Ras1	Q91Z61	0.90062	1.08	1.08	5
Microtubule-associated serine/threonine-protein kina	Q811L6	0.90063	0.88	1.13	2
Microtubule-associated serine/threonine-protein kina	Q9R1L5				
Src substrate cortactin	Q60598	0.90063	1.01	1.01	5
Ras-related protein Ral-A	P63321	0.90090	1.14	1.14	4
Disco-interacting protein 2 homolog A	Q8BWT5	0.90090	1.00	1.00	8
Dematin	Q9WV69	0.90101	0.97	1.03	5
CDP-diacylglycerol--inositol 3-phosphatidyltransferas	Q8VDP6	0.90101	1.09	1.09	2
Cyclin-dependent kinase 18	Q04899	0.90108	0.97	1.03	5
Rho GTPase-activating protein 5	P97393	0.90116	0.97	1.03	3
Leucine-rich repeat and guanylatekinase domain-cor	Q9D5S7				

Abl interactor 1	Q8CBW3	0.90132	1.14	1.14	7
Mitochondrial import receptor subunit TOM70	Q9CZW5	0.90132	0.83	1.21	5
Peptidyl-prolyl cis-trans isomerase B	P24369	0.90132	1.07	1.07	3
Copine-5	Q8JZW4	0.90136	1.10	1.10	23
tRNA wybutosine-synthesizing protein 4	Q8BYR1	0.90136	0.93	1.07	35
Prolactin	P06879				
Septin-5	Q9Z2Q6				
Armadillo repeat protein deleted in velo-cardio-facial	P98203	0.90164	1.05	1.05	8
NADH dehydrogenase [ubiquinone] flavoprotein 1, m	Q91YT0	0.90164	0.93	1.08	12
Essential MCU regulator, mitochondrial	Q9DB10	0.90171	1.07	1.07	2
Mitochondrial-processing peptidase subunit beta	Q9CXT8	0.90171	1.06	1.06	21
Cytochrome b-c1 complex subunit 1	Q9CZ13				
Heat shock-related 70 kDa protein 2	P17156	0.90176	1.01	1.01	25
Heat shock cognate 71 kDa protein	P63017				
Nuclear receptor coactivator 7	Q6DFV7	0.90176	1.14	1.14	3
Protein numb homolog	Q9QZS3				
Transmembrane protein 33	Q9CR67	0.90183	1.10	1.10	2
Synaptojanin-1	Q8CHC4	0.90196	1.02	1.02	14
Lethal(2) giant larvae protein homolog 2	Q3TJ91	0.90196	0.88	1.13	13
Lethal(2) giant larvae protein homolog 2	Q80Y17				
Protein NLRC5	C3VPR6	0.90196	1.00	1.00	3
PDZ domain-containing protein 4	Q9QY39				
Protein XRP2	Q9EPK2	0.90202	1.12	1.12	5
60S ribosomal protein L29	P47915	0.90202	1.05	1.05	2
Ubiquitin-conjugating enzyme E2 N	P61089	0.90216	0.93	1.08	4
40S ribosomal protein S13	P62301	0.90234	1.04	1.04	6
60S ribosomal protein L10a	P53026	0.90239	0.98	1.02	6
SH3 domain-containing kinase-binding protein 1	Q8R550	0.90239	0.86	1.16	5
Sterile alpha and TIR motif-containing protein 1	Q6PDS3	0.90253	0.92	1.08	2
ADP-ribosylation factor 4	P61750	0.90260	1.09	1.09	2
ADP-ribosylation factor 5	P84084				
Malate dehydrogenase, mitochondrial	P08249	0.90260	0.98	1.02	6
Synaptosomal-associated protein 47	Q8R570	0.90261	0.97	1.04	11

Alpha-actinin-4	P57780	0.90278	0.95	1.05	8
DnaJ homolog subfamily A member 3	Q99M87	0.90278	0.89	1.12	11
Alpha-crystallin B chain	P23927	0.90285	0.97	1.03	12
Sonic hedgehog protein	Q62226	0.90306	0.94	1.06	5
Indian hedgehog protein	P97812				
Desert hedgehog protein	Q61488				
T-complex protein 1 subunit alpha	P11983	0.90310	1.02	1.02	5
Paralemmin-1	Q9Z0P4	0.90310	0.99	1.01	7
Exocyst complex component 3	Q6KAR6	0.90310	1.03	1.03	14
Neurotrimin	Q99PJ0	0.90310	1.10	1.10	6
Serine/threonine-protein phosphatase 2B catalytic su	P63328	0.90314	1.04	1.04	4
Serine/threonine-protein phosphatase 2B catalytic su	P48453				
Serine/threonine-protein phosphatase 2B catalytic su	P48455				
Dynactin subunit 2	Q99KJ8	0.90319	1.13	1.13	12
Signal-induced proliferation-associated 1-like protein	G3X9J0	0.90344	0.94	1.07	2
Rho GTPase-activating protein 39	P59281	0.90344	0.94	1.07	19
Brain-enriched guanylate kinase-associated protein	Q68EF6	0.90348	0.94	1.06	14
Serine racemase	Q9QZX7	0.90348	0.92	1.08	3
Tight junction protein ZO-1	P39447	0.90349	0.96	1.04	13
NMDA receptor synaptonuclear signaling and neuron	Q99NF2	0.90349	1.12	1.12	4
Homer protein homolog 3	Q99JP6	0.90349	1.04	1.04	2
Microtubule-associated protein RP/EB family membe	Q6PER3	0.90351	0.83	1.21	3
Bile salt export pump	Q9QY30	0.90414	1.11	1.11	2
CDGSH iron-sulfur domain-containing protein 3, mito	B1AR13	0.90618	0.69	1.45	2
Ras-related protein Rab-7a	P51150	0.90618	1.02	1.02	7
Hepatocyte cell adhesion molecule	Q640R3	0.90618	1.08	1.08	2
Serine/threonine-protein kinase TAO1	Q5F2E8	0.90618	0.95	1.05	15
Carnitine O-acetyltransferase	P47934	0.90634	0.89	1.12	4
PDZ domain-containing protein 11	Q9CZG9	0.90634	1.22	1.22	2
Cerebellin-3	Q9JHG0	0.90634	0.90	1.11	2
Vacuolar protein sorting-associated protein 33A	Q9D2N9	0.90634	1.01	1.01	9
Vacuolar protein sorting-associated protein 37B	Q8R0J7	0.90666	1.07	1.07	2
LanC-like protein 2	Q9JJK2	0.90692	1.00	1.00	5

Protein NipSnap homolog 1	O55125	0.90692	0.88	1.13	4
Long-chain-fatty-acid--CoA ligase 6	Q91WC3	0.90790	0.96	1.04	3
60S ribosomal protein L18a	P62717	0.90790	0.97	1.03	6
Calcium-binding protein 2	Q9JLK4	0.90790	0.92	1.09	2
Calcium-binding protein 1	Q9JLK7				
V-type proton ATPase subunit C 2	Q99L60	0.90854	1.01	1.01	7
V-type proton ATPase subunit C 1	Q9Z1G3				
14-3-3 protein zeta/delta	P63101	0.90854	1.02	1.02	7
Bile salt sulfotransferase 2	P50236	0.90887	1.11	1.11	2
Bile salt sulfotransferase 1	P52843				
Cytosolic carboxypeptidase 4	Q09M05				
40S ribosomal protein S16	P14131	0.90934	0.92	1.08	2
Phosphatidylinositol 3-kinase regulatory subunit alpha	P26450	0.90948	0.71	1.42	2
Septin-2	P42208	0.90948	0.94	1.06	21
14-3-3 protein beta/alpha	Q9CQV8	0.90994	0.80	1.24	6
cGMP-dependent protein kinase 1	P0C605	0.91794	0.96	1.04	7
cGMP-dependent protein kinase 2	Q61410				
MTSS1-like protein	Q6P9S0	0.91794	0.95	1.06	4
60S ribosomal protein L5	P47962	0.91794	1.40	1.40	2
Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit alpha-1	P62874	0.91802	0.86	1.16	2
Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit alpha-2	Q61011				
EGF-like repeat and discoidin I-like domain-containing protein 1	O35474	0.91802	0.96	1.04	4
Hemicentin-1	D3YXG0	0.91802	0.97	1.03	2
Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit	P42337				
Glycine receptor subunit beta	P48168	0.91835	0.93	1.07	2
Glycine receptor subunit alpha-2	Q7TNC8				
Glycine receptor subunit alpha-1	Q64018				
Glycine receptor subunit alpha-3	Q91XP5				
Methyl-CpG-binding protein 2	Q9Z2D6	0.91836	0.86	1.16	6
NADH dehydrogenase [ubiquinone] 1 beta subcomplex 1	Q9CPU2	0.91836	0.92	1.09	3
NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	Q9D6J6	0.91878	0.95	1.05	7
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex 1	Q9D1H6	0.91921	0.99	1.01	5
ATP synthase subunit O, mitochondrial	Q9DB20	0.91986	1.04	1.04	8



Tyrosine--tRNA ligase, mitochondrial	Q8BYL4	0.91986	0.71	1.42	3
Copine-8	Q9DC53	0.91986	1.07	1.07	7
1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon	Q9D1E8	0.92005	1.03	1.03	2
Trifunctional enzyme subunit beta	Q99JY0	0.92005	0.96	1.04	4
Retinol dehydrogenase 13	Q8CEE7	0.92089	1.05	1.05	2
Translation factor Guf1, mitochondrial	Q8C3X4	0.92089	1.09	1.09	3
Protein turtle homolog B	E9PZ19	0.92137	0.90	1.11	3
Protein kinase C alpha type	P20444	0.92137	1.02	1.02	10
Synaptotagmin-4	P40749				
Cullin-associated NEDD8-dissociated protein 1	Q6ZQ38	0.92137	0.92	1.09	6
Protein spire homolog 1	Q52KF3	0.92172	1.03	1.03	7
28S ribosomal protein S36, mitochondrial	Q9CQX8	0.92172	1.04	1.04	4
Unconventional myosin-Ic	Q9WTI7	0.92179	1.08	1.08	9
D-amino-acid oxidase	P18894	0.92296	1.23	1.23	3
Serine/threonine-protein phosphatase 2A catalytic subunit	P62715	0.92296	0.99	1.01	4
Serine/threonine-protein phosphatase 2A catalytic subunit	P63330				
Protein unc-13 homolog C	Q8K0T7	0.92336	0.97	1.03	7
[Pyruvate dehydrogenase (acetyl-transferring)] kinase	Q922H2	0.92342	1.04	1.04	10
Hemogen	Q9ERZ0				
Casein kinase I isoform delta	Q9DC28	0.92342	0.90	1.11	2
Gap junction beta-1 protein	P28230	0.92342	0.87	1.15	2
Glutamine synthetase	P15105	0.92342	1.10	1.10	8
Neural Wiskott-Aldrich syndrome protein	Q91YD9	0.92354	0.98	1.02	8
Serine/threonine-protein kinase TAO2	Q6ZQ29	0.92354	0.94	1.06	9
Disintegrin and metalloproteinase domain-containing protein	Q9R1V4	0.92371	0.99	1.01	4
60S ribosomal protein L6	P47911	0.92371	1.08	1.08	10
L-lactate dehydrogenase B chain	P16125	0.92371	1.10	1.10	2
Voltage-dependent calcium channel gamma-8 subunit	Q8VHW2	0.92395	0.94	1.06	3
Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase	Q8K2C9	0.92405	1.01	1.01	8
Methylglutaconyl-CoA hydratase, mitochondrial	Q9JLZ3	0.92405	0.93	1.07	7
Immunoglobulin superfamily member 8	Q8R366	0.92421	0.98	1.02	10
Neurochondrin	Q9Z0E0	0.92421	1.03	1.03	3
AP-2 complex subunit mu	P84091	0.92435	0.96	1.04	13

MICOS complex subunit Mic26	Q9DCZ4	0.92460	0.98	1.02	4
Succinate dehydrogenase [ubiquinone] flavoprotein s	Q8K2B3	0.92499	1.08	1.08	2
Solute carrier family 12 member 5	Q91V14	0.92596	0.98	1.02	3
Gamma-aminobutyric acid receptor subunit beta-3	P63080	0.92596	1.05	1.05	4
Gamma-aminobutyric acid receptor subunit beta-1	P50571				
Gamma-aminobutyric acid receptor subunit beta-2	P63137				
V-type proton ATPase subunit B, brain isoform	P62814	0.92631	1.05	1.05	9
Tenascin	Q80YX1	0.92671	1.14	1.14	2
Calcium-activated potassium channel subunit alpha-	Q08460	0.92690	1.02	1.02	13
Uncharacterized protein C18orf8 homolog	Q8VC42	0.92797	1.02	1.02	12
Adhesion G protein-coupled receptor B3	Q80ZF8	0.92797	0.87	1.15	8
Tropomodulin-1	P49813	0.92797	1.05	1.05	6
Sialidase-4	Q8BZL1	0.92797	1.01	1.01	2
Ras-related protein Rab-3D	P35276	0.92797	0.87	1.15	3
Ras-related protein Rab-3B	Q9CZT8				
Kinesin heavy chain isoform 5C	P28738	0.92800	0.99	1.01	2
Sideroflexin-1	Q99JR1	0.92800	0.90	1.11	2
Hippocalcin-like protein 1	P62748	0.92813	1.03	1.03	8
Laminin subunit alpha-2	Q60675				
Mitochondrial import inner membrane translocase su	P62077	0.92813	0.92	1.08	2
Putative tyrosine-protein phosphatase auxilin	Q80TZ3	0.92813	1.04	1.04	3
Transcription factor A, mitochondrial	P40630	0.92845	0.98	1.02	2
60S ribosomal protein L35a	O55142	0.92845	0.99	1.01	3
Neurabin-2	Q6R891	0.92845	0.96	1.04	12
Microtubule-associated protein 2	P20357	0.92870	0.98	1.02	21
Cerebral cavernous malformationsprotein 2 homolog	Q8K2Y9	0.92870	0.99	1.01	6
Noelin-2	Q8BM13	0.92881	0.96	1.04	4
Integral membrane protein 2C	Q91VK4	0.92915	0.91	1.10	4
Calcium uniporter protein, mitochondrial	Q3UMR5	0.92915	0.98	1.02	2
Barrier-to-autointegration factor	O54962	0.92927	0.88	1.14	3
Kinesin-like protein KIF2A	P28740	0.92927	0.98	1.02	12
Calcium-binding protein 39	Q06138	0.92965	1.27	1.27	2
Superoxide dismutase [Mn], mitochondrial	P09671	0.92985	1.05	1.05	7

Glucose-6-phosphate isomerase	P06745	0.92985	1.27	1.27	2
Striatin-4	P58404	0.92985	1.02	1.02	2
Sn1-specific diacylglycerol lipase alpha	Q6WQJ1	0.92999	0.96	1.04	3
Metabotropic glutamate receptor 1	P97772	0.92999	0.88	1.13	2
ATP-dependent RNA helicase DDX3X	Q62167	0.92999	0.87	1.14	12
ATP-dependent RNA helicase DDX3Y	Q62095				
Putative ATP-dependent RNA helicase PI10	P16381				
Probable ATP-dependent RNA helicase DDX5	Q61656				
Probable ATP-dependent RNA helicase DDX17	Q501J6				
Probable ATP-dependent RNA helicase DDX4	Q61496				
Microtubule-associated protein tau	P10637	0.93001	1.01	1.01	13
Catenin alpha-1	P26231	0.93003	0.94	1.06	6
Cytochrome c oxidase subunit 1	P00397	0.93005	0.97	1.04	5
Myosin phosphatase Rho-interacting protein	P97434	0.93005	0.99	1.01	14
Adenylyl cyclase-associated protein 1	P40124	0.93023	1.04	1.04	4
Adenylyl cyclase-associated protein 2	Q9CYT6				
60S ribosomal protein L24	Q8BP67	0.93023	0.62	1.61	3
Cytochrome b-c1 complex subunit 9	Q8R111	0.93023	0.94	1.07	5
Ribosome-binding protein 1	Q99PL5	0.93043	1.12	1.12	2
cAMP-dependent protein kinase type II-alpha regulator	P12367	0.93078	0.97	1.03	4
60S ribosomal protein L23	P62830	0.93078	0.84	1.19	2
Inverted formin-2	Q0GNC1	0.93097	1.02	1.02	6
F-actin-capping protein subunit beta	P47757	0.93097	0.93	1.07	5
Plexin-C1	Q9QZC2	0.93125	0.98	1.02	7
Signal-induced proliferation-associated 1-like protein	Q80TE4	0.93127	0.98	1.02	4
28S ribosomal protein S29, mitochondrial	Q9ER88	0.93127	1.01	1.01	2
40S ribosomal protein S10	P63325	0.93127	1.06	1.06	2
Protein kinase C epsilon type	P16054	0.93163	1.06	1.06	10
Synaptonemal complex central element protein 1-like	Q5D525				
Protein VAC14 homolog	Q80WQ2	0.93167	1.17	1.17	4
Contactin-3	Q07409	0.93167	1.08	1.08	6
Contactin-4	Q69Z26				
Redox-regulatory protein FAM213A	Q9CYH2	0.93186	0.50	2.02	2

Stress-70 protein, mitochondrial	P38647	0.93194	0.96	1.04	4
Dystrobrevin alpha	Q9D2N4	0.93194	0.87	1.15	3
Heterogeneous nuclear ribonucleoprotein K	P61979	0.93201	0.83	1.20	5
Disco-interacting protein 2 homolog B	Q3UH60	0.93204	0.98	1.02	24
Potassium voltage-gated channel subfamily A memb	B2RQA1	0.93204	1.21	1.21	4
Potassium voltage-gated channel subfamily A memb	P16388				
Mitogen-activated protein kinase 4	P97820	0.93204	0.98	1.02	9
Misshapen-like kinase 1	Q9JM52				
DmX-like protein 2	Q8BPN8	0.93228	1.02	1.02	19
Mitogen-activated protein kinase 3	Q99JP0	0.93230	0.89	1.12	4
Cadherin-13	Q9WTR5	0.93230	1.13	1.13	2
Spectrin beta chain, erythrocytic	P15508	0.93237	0.99	1.01	30
LRP2-binding protein	Q9D4C6				
Regulator of microtubule dynamicsprotein 3	Q3UJU9	0.93267	1.09	1.09	7
Formin-like protein 1	Q9JL26	0.93303	1.02	1.02	3
ATP-binding cassette sub-family D member 3	P55096	0.93303	1.03	1.03	3
Rap guanine nucleotide exchange factor 2	Q8CHG7	0.93306	1.04	1.04	7
Cytochrome b-c1 complex subunit Rieske, mitochond	Q9CR68	0.93376	1.19	1.19	7
Rho guanine nucleotide exchange factor 6	Q8K4I3	0.93376	0.92	1.09	7
Rho guanine nucleotide exchange factor 7	Q9ES28				
60S ribosomal protein L31	P62900	0.93376	0.97	1.03	2
Alkyldihydroxyacetonephosphate synthase, peroxiso	Q8C0I1	0.93380	1.00	1.00	3
Guanylate cyclase soluble subunitbeta-1	O54865	0.93561	0.96	1.04	2
1-phosphatidylinositol 4,5-bisphosphate phosphodie	P51432	0.93836	0.89	1.12	9
F-box only protein 2	Q80UW2	0.93871	1.01	1.01	3
Fat storage-inducing transmembrane protein 1	Q91V79	0.94046	1.01	1.01	2
APC membrane recruitment protein2	Q8CCJ4	0.94288	0.97	1.03	4
F-BAR and double SH3 domains protein 1	Q6PFY1	0.94288	0.98	1.02	5
Ankyrin repeat domain-containingprotein 9	Q8BH83				
ATP-binding cassette sub-family B member 9	Q9JJ59				
Guanine nucleotide-binding protein subunit beta-4	P29387	0.94356	1.03	1.03	5
Guanine nucleotide-binding protein G(I)/G(S)/G(T) su	P62880				
Cytochrome b-c1 complex subunit 10	Q9CPX8	0.94356	1.01	1.01	2

MICOS complex subunit Mic60	Q8CAQ8	0.94360	0.94	1.07	31
Calcium-binding mitochondrial carrier protein SCA3	A2ASZ8	0.94386	1.01	1.01	5
U5 small nuclear ribonucleoprotein 200 kDa helicase	Q6P4T2	0.94386	1.10	1.10	9
Cytochrome c1, heme protein, mitochondrial	Q9D0M3				
Protein monoglycylase TTL8	A4Q9F1	0.94419	0.90	1.11	10
40S ribosomal protein S4, X isoform	P62702				
Tyrosine-protein kinase Fer	P70451	0.94423	0.96	1.04	2
40S ribosomal protein S9	Q6ZWN5	0.94423	0.96	1.04	10
Actin-binding LIM protein 3	Q69ZX8	0.94457	0.96	1.04	10
Potassium-transporting ATPase alpha chain 2	Q9Z1W8	0.94762	1.00	1.00	21
Sodium/potassium-transporting ATPase subunit alpha	Q9WV27				
Sodium/potassium-transporting ATPase subunit alpha	Q6PIE5				
Potassium-transporting ATPase alpha chain 1	Q64436				
Sodium/potassium-transporting ATPase subunit alpha	Q6PIC6				
Protein enabled homolog	Q03173	0.94762	1.00	1.00	7
Mediator of RNA polymerase II transcription subunit 1	Q6JPI3	0.94795	0.80	1.25	2
Histone acetyltransferase KAT2A	Q9JHD2				
Serine/threonine-protein kinase mTOR	Q9JLN9	0.95032	0.89	1.12	5
Myosin regulatory light polypeptide 9	Q9CQ19	0.95032	1.04	1.04	11
Myosin regulatory light chain 10	Q62082				
Myosin regulatory light chain 2,ventricular/cardiac muscle isoform	P51667				
Myosin regulatory light chain 2,skeletal muscle isoform	P97457				
Myosin regulatory light chain 12B	Q3THE2				
Retinoic acid receptor gamma	P18911	0.95032	1.04	1.04	2
Thioredoxin reductase 3	Q99MD6				
Forkhead box protein H1	O88621				
V-type proton ATPase subunit F	Q9D1K2	0.95064	1.03	1.03	3
Casein kinase II subunit alpha	Q60737	0.95089	0.96	1.04	19
Cytoplasmic dynein 1 light intermediate chain 1	Q8R1Q8	0.95089	0.93	1.08	7
NADH dehydrogenase [ubiquinone] 1beta subcomplex	Q9CQZ6	0.95162	1.00	1.00	2
MAP/microtubule affinity-regulating kinase 4	Q8CIP4	0.95162	0.98	1.02	5
Peroxiredoxin-1	P35700	0.95186	0.94	1.06	10
Actin-related protein 2/3 complex subunit 2	Q9CVB6	0.95186	0.93	1.08	12

Nucleosome assembly protein 1-like 1	P28656	0.95186	0.92	1.08	4
ELKS/Rab6-interacting/CAST family member 1	Q99MI1	0.95234	1.04	1.04	9
Vacuolar protein sorting-associated protein 37C	Q8R105	0.95490	0.93	1.08	3
Calcium uptake protein 1, mitochondrial	Q8VCX5	0.95522	1.07	1.07	2
CKLF-like MARVEL transmembrane domain-containing protein 1	Q9D6G9	0.95857	0.92	1.09	4
Protein tyrosine phosphatase type IVA 2	O70274	0.95857	0.98	1.02	2
Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	P19783	0.95919	1.00	1.00	8
Mitochondrial carrier homolog 2	Q791V5	0.95919	0.93	1.08	12
Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase	Q6PFX7	0.96032	0.93	1.07	4
Dystrophia myotonica WD repeat-containing protein 1	Q08274	0.96032	1.02	1.02	6
Cytochrome b-c1 complex subunit 8	Q9CQ69	0.96074	1.00	1.00	8
FERM, RhoGEF and pleckstrin domain-containing protein 1	F8VPU2	0.96074	0.60	1.66	2
Numb-like protein	O08919	0.96074	1.02	1.02	3
Limbic system-associated membrane protein	Q8BLK3	0.96074	0.99	1.01	13
Hemoglobin subunit alpha	P01942	0.96105	0.78	1.28	2
Hemoglobin subunit zeta	P06467				
Phosphatase and actin regulator 3	Q8BYK5	0.96194	0.89	1.12	6
Phosphatase and actin regulator 1	Q2M3X8				
Phosphatase and actin regulator 4	Q501J7				
Voltage-dependent anion-selective channel protein 1	Q60932	0.96194	0.93	1.07	23
Krev interaction trapped protein 1	Q6S5J6	0.96194	1.03	1.03	2
60S ribosomal protein L14	Q9CR57	0.96197	0.95	1.06	5
Myelin protein P0	P27573	0.96311	0.97	1.03	9
V-type proton ATPase subunit d 1	P51863	0.96311	0.95	1.05	14
V-type proton ATPase subunit d 2	Q80SY3				
Cytochrome c, somatic	P62897	0.96311	1.10	1.10	7
Wiskott-Aldrich syndrome protein family member 2	Q8BH43	0.96329	1.00	1.00	12
Wiskott-Aldrich syndrome protein family member 1	Q8R5H6				
ATP-dependent 6-phosphofructokinase, platelet type 1	Q9WUA3	0.96329	1.03	1.03	5
Engulfment and cell motility protein 2	Q8BHL5	0.96329	0.96	1.04	18
Disabled homolog 1	P97318	0.96338	1.01	1.01	2
Palmitoyl-protein thioesterase 1	O88531	0.96338	1.01	1.01	4
MAP7 domain-containing protein 2	A2AG50	0.96338	0.98	1.02	9

E3 ubiquitin-protein ligase TTC3	O88196				
Actin-related protein 2	P61161	0.96340	0.96	1.05	4
Raftlin	Q6A0D4	0.96356	1.00	1.00	9
Endophilin-A2	Q62419	0.96364	1.23	1.23	3
Endophilin-A1	Q62420				
Neurofilament light polypeptide	P08551	0.96364	0.93	1.08	44
Calmodulin	P62204	0.96364	0.94	1.06	11
Calmodulin-like protein 3	Q9D6P8				
Serine/threonine-protein kinase A	P04627	0.96364	1.08	1.08	2
MAP6 domain-containing protein 1	Q14BB9	0.96366	0.96	1.04	4
MAP/microtubule affinity-regulating kinase 3	Q03141	0.96377	0.94	1.06	4
Galactocerebrosidase	P54818	0.96377	0.96	1.04	5
BTB/POZ domain-containing protein KCTD8	Q50H33	0.96377	1.04	1.04	3
NADH dehydrogenase [ubiquinone] 1 alpha subcomp	Q9CQ91	0.96377	0.98	1.02	3
Protein arginine N-methyltransferase 8	Q6PAK3	0.96393	0.91	1.10	3
Galectin-8	Q9JL15	0.96409	1.08	1.08	2
Histone-lysine N-methyltransferase 2B	O08550	0.96409	0.99	1.01	2
Voltage-dependent L-type calcium channel subunit beta	Q8R3Z5	0.96421	1.04	1.04	2
Double-stranded RNA-specific adenosine deaminase	Q99MU3				
Calcium-binding mitochondrial carrier protein Aralar1	Q8BH59	0.96437	1.01	1.01	49
Abl interactor 2	P62484	0.96449	1.02	1.02	3
LETM1 and EF-hand domain-containing protein 1, m	Q9Z2I0	0.96465	0.85	1.18	2
Vam6/Vps39-like protein	Q8R5L3	0.96476	1.00	1.00	11
Acyl-coenzyme A thioesterase THEM4	Q3UUI3	0.96477	0.99	1.01	3
Regulator of G-protein signaling 20	Q9QZB1	0.96477	1.01	1.01	2
60S acidic ribosomal protein P1	P47955	0.96481	1.04	1.04	2
DOMON domain-containing protein FRRS1L	B1AXV0	0.96485	1.00	1.00	2
60S ribosomal protein L7a	P12970	0.96485	1.05	1.05	6
Transmembrane and TPR repeat-containing protein 3	Q8BRH0	0.96492	0.99	1.01	2
Ras-related protein R-Ras2	P62071	0.96495	1.05	1.05	6
Multivesicular body subunit 12B	Q6KAU4	0.96503	0.88	1.14	2
Ras-related protein Rab-12	P35283	0.96503	1.01	1.01	6
Ras-related protein Rab-37	Q9JKM7				

Ras-related protein Rab-4B	Q91ZR1				
Ras-related protein Rab-43	Q8CG50				
Ras-related protein Rab-4A	P56371				
Ras-related protein Rab-30	Q923S9				
Ras-related protein Rab-9B	Q8BHH2				
Casein kinase II subunit beta	P67871	0.96506	0.97	1.03	4
Protein phosphatase 1H	Q3UYC0	0.96514	0.98	1.02	11
Protein phosphatase 1M	Q8BU27				
Cysteine-rich protein 2	Q9DCT8	0.96543	0.94	1.07	5
Cadherin-10	P70408	0.96549	1.03	1.03	5
Vesicular glutamate transporter 3	Q8BFU8	0.96549	1.37	1.37	2
Vesicular glutamate transporter 1	Q3TXX4				
Sodium-dependent phosphate transport protein 3	Q5SZA1				
Vesicular glutamate transporter 2	Q8BLE7				
Sodium-dependent phosphate transport protein 1	Q61983				
Serine/threonine-protein kinase SIK3	Q6P4S6	0.96549	0.92	1.09	2
Dynamin-1-like protein	Q8K1M6	0.96555	0.91	1.10	13
Vimentin	P20152	0.96555	0.91	1.10	10
Desmin	P31001				
Profilin-1	P62962	0.96574	1.27	1.27	2
Pyrroline-5-carboxylate reductase2	Q922Q4	0.96574	0.92	1.09	10
Pyrroline-5-carboxylate reductase1, mitochondrial	Q922W5				
Neuron-specific calcium-binding protein hippocalcin	P84075	0.96575	1.08	1.08	4
N-terminal EF-hand calcium-binding protein 2	Q91ZP9				
Dihydropyrimidinase-related protein 2	O08553	0.96575	0.96	1.04	14
Sodium/potassium-transporting ATPase subunit beta	P14094	0.96575	1.04	1.04	8
Pyruvate dehydrogenase E1 component subunit beta	Q9D051	0.96603	1.00	1.00	8
Septin-8	Q8CHH9	0.96626	1.04	1.04	27
DnaJ homolog subfamily A member 2	Q9QYJ0	0.96636	0.99	1.01	8
Ras-related protein Rab-5A	Q9CQD1	0.96636	0.84	1.19	2
NADH dehydrogenase [ubiquinone] 1beta subcomplex	Q9CQJ8	0.96636	1.07	1.07	3
Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial	P70404	0.96641	1.02	1.02	5
T-complex protein 1 subunit eta	P80313	0.96644	1.65	1.65	2



Cytochrome c oxidase subunit 6C	Q9CPQ1	0.96644	0.90	1.11	3
Leucine-rich repeat transmembraneneuronal protein	Q8BZ81	0.96649	0.93	1.08	6
Ganglioside-induced differentiation-associated prote	O88741	0.96649	1.01	1.01	3
NADH dehydrogenase [ubiquinone] 1alpha subcomp	Q9DCJ5	0.96658	0.98	1.02	13
Charged multivesicular body protein 2a	Q9DB34	0.96658	0.77	1.30	2
Tubulin polyglutamylase TTLL7	A4Q9F0	0.96677	1.05	1.05	20
Astrotactin-2	Q80Z10				
Cytoplasmic FMR1-interacting protein 2	Q5SQX6				
Guanine nucleotide-binding protein G(I)/G(S)/G(O) s	Q9DAS9	0.96685	1.13	1.13	3
PH and SEC7 domain-containing protein 2	Q6P116	0.96690	1.09	1.09	2
60S ribosomal protein L3	P27659	0.96690	0.96	1.04	7
Dynactin subunit 3	Q9Z0Y1	0.96703	1.17	1.17	4
Rho-related GTP-binding protein RhoG	P84096	0.96703	0.96	1.05	12
Liprin-alpha-2	Q8BSS9	0.96712	1.01	1.01	31
KH domain-containing, RNA-binding, signal transduc	Q9WU01				
Guanine nucleotide-binding protein subunit alpha-13	P27601	0.96714	1.01	1.01	7
Ankyrin-2	Q8C8R3	0.96714	1.02	1.02	62
AFG3-like protein 2	Q8JZQ2				
Sarcoplasmic/endoplasmic reticulum calcium ATPase	O55143	0.96717	1.08	1.08	5
Sarcoplasmic/endoplasmic reticulum calcium ATPase	Q8R429				
78 kDa glucose-regulated protein	P20029	0.96724	1.01	1.01	3
Carbonic anhydrase 4	Q64444	0.96724	1.18	1.18	5
Reticulon-1	Q8K0T0	0.96724	0.94	1.07	3
Vacuolar protein sorting-associated protein 41 homo	Q5KU39	0.96737	1.03	1.03	7
Mitochondrial Rho GTPase 1	Q8BG51	0.96737	0.96	1.04	6
Radixin	P26043	0.96738	1.04	1.04	3
Merlin	P46662				
High affinity cAMP-specific and IBMX-insensitive 3',5	O88502	0.96750	1.00	1.00	15
DNA topoisomerase 2-alpha	Q01320				
14-3-3 protein epsilon	P62259	0.96750	0.91	1.10	5
Sorting and assembly machinery component 50 hom	Q8BGH2	0.96750	0.98	1.02	12
Glutathione S-transferase P 1	P19157	0.96759	1.01	1.01	2
Glutathione S-transferase P 2	P46425				

Charged multivesicular body prote	Q9D8B3	0.96759	1.03	1.03	7
N-arachidonyl glycine receptor	Q8K1Z6	0.96772	1.16	1.16	12
Dedicator of cytokinesis protein8	Q8C147				
Dedicator of cytokinesis protein6	Q8VDR9				
Dedicator of cytokinesis protein7	Q8R1A4				
Creatine kinase B-type	Q04447	0.96772	0.96	1.04	9
WD repeat-containing protein 47	Q8CGF6	0.96784	1.05	1.05	2
Myosin-9	Q8VDD5	0.96784	1.01	1.01	50
Syntaxin-binding protein 1	O08599	0.96785	1.01	1.01	25
Centrosomal protein of 131 kDa	Q62036				
Bifunctional epoxide hydrolase 2	P34914				
Triple functional domain protein	Q0KL02	0.96785	1.00	1.00	16
Glycogen [starch] synthase, liver	Q8VCB3				
Coiled-coil domain-containing protein 177	Q3UHB8	0.96790	0.99	1.01	11
Pleckstrin homology domain-containing family A member 1	Q7TQG1	0.96792	0.87	1.15	4
Voltage-dependent N-type calcium channel subunit alpha 1	O55017	0.96793	0.96	1.05	5
XK-related protein 6	E9Q6C8	0.96793	0.94	1.07	15
F-actin-uncapping protein LRRC16A	Q6EDY6	0.96793	1.01	1.01	6
Vacuolar fusion protein CCZ1 homolog	Q8C1Y8	0.96804	1.03	1.03	10
NADH dehydrogenase [ubiquinone] 1 subunit C2	Q9CQ54	0.96804	0.90	1.11	4
Septin-9	Q80UG5	0.96813	0.98	1.02	29
Mitochondrial fission regulator 1	Q9CWE0	0.96817	0.95	1.05	4
Amine oxidase [flavin-containing] a	Q64133	0.96826	1.03	1.03	5
Protein ZNF365	Q8BG89	0.96841	0.96	1.05	2
ADP-ribosylation factor-like protein 8B	Q9CQW2	0.96844	0.88	1.14	2
DnaJ homolog subfamily B member 6	O54946	0.96855	1.06	1.06	6
DnaJ homolog subfamily B member 7	Q9QYI8				
Protein ELFN1	Q8C8T7	0.96871	0.83	1.20	3
Tyrosine-protein kinase Fgr	P14234	0.96884	0.95	1.05	6
Tyrosine-protein kinase Fyn	P39688				
Vacuolar protein sorting-associated protein 45	P97390	0.96885	1.27	1.27	3
Copine-7	Q0VE82	0.96941	1.00	1.00	10
Gelsolin	P13020	0.96941	1.00	1.00	13

Pyruvate dehydrogenase E1 component subunit alpha	P35486	0.96950	0.98	1.02	19
Sodium/potassium-transporting ATPase subunit beta	P97370	0.96950	0.90	1.11	2
Tripartite motif-containing protein 3	Q9R1R2	0.96950	1.12	1.12	4
Cytohesin-3	O08967	0.96950	0.98	1.02	4
Cytohesin-1	Q9QX11				
Clathrin coat assembly protein AP180	Q61548	0.96970	0.74	1.36	5
Aconitate hydratase, mitochondrial	Q99K10	0.96985	1.04	1.04	20
Sodium/potassium-transporting ATPase subunit alpha	Q8VDN2	0.96985	0.96	1.05	9
Band 4,1-like protein 2	O70318	0.97015	0.93	1.08	8
Exportin-5	Q924C1				
Catechol O-methyltransferase domain-containing protein	Q8BIG7	0.97043	1.33	1.33	3
Cytochrome b-c1 complex subunit 7	Q9D855	0.97043	1.09	1.09	6
Dolichyl-diphosphooligosaccharide --protein glycosyltransferase	Q9DBG6	0.97057	1.03	1.03	2
Spermatogenesis-associated protein 2-like protein	Q8BNN1	0.97069	0.64	1.55	3
Clathrin light chain A	O08585	0.97083	1.06	1.06	3
Zinc finger homeobox protein 4	Q9JJN2	0.97096	1.06	1.06	2
Tubulin beta-3 chain	Q9ERD7	0.97109	0.96	1.04	12
MAP7 domain-containing protein 1	A2AJI0	0.97134	0.93	1.08	4
BAI1-associated protein 3	Q80TT2	0.97134	1.03	1.03	10
T-complex protein 1 subunit delta	P80315	0.97134	0.66	1.51	3
TBC1 domain family member 24	Q3UUG6	0.97174	1.01	1.01	10
ADP-ribosylation factor GTPase-activating protein 2	Q99K28	0.97174	0.93	1.08	4
Fumarate hydratase, mitochondrial	P97807	0.97197	0.98	1.02	2
Laminin subunit alpha-5	Q61001	0.97197	1.04	1.04	2
Ubiquitin carboxyl-terminal hydrolase 43	Q8BUM9	0.97209	0.98	1.02	24
ATPase family AAA domain-containing protein 3	Q92511				
5'-AMP-activated protein kinase subunit gamma-2	Q91WG5	0.97240	1.08	1.08	4
Mitogen-activated protein kinase	P63085	0.97263	1.15	1.15	3
Mitoguardin-1	Q4QQM5	0.97263	0.98	1.02	3
Ras GTPase-activating protein 4	Q6PFQ7	0.97263	1.08	1.08	2
Mitochondrial import inner membrane translocase subunit	P62075	0.97395	1.02	1.02	2
T-complex protein 1 subunit theta	P42932	0.97412	0.98	1.02	4
Vacuolar fusion protein MON1 homolog A	Q6PDG8	0.97412	0.97	1.03	14

Cytoplasmic dynein 1 intermediate chain 1	O88485	0.97412	1.08	1.08	2
Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrion	Q9D6R2	0.97421	0.63	1.59	2
GTP-binding protein Di-Ras2	Q5PR73	0.97438	0.97	1.03	5
Disintegrin and metalloproteinase domain-containing protein 1	Q9R1V7	0.97463	0.97	1.03	9
Synaptotagmin-1	P46096	0.97488	1.03	1.03	14
Synaptotagmin-5	Q9R0N5				
cAMP-specific 3',5'-cyclic phosphodiesterase 4A	O89084	0.97569	1.03	1.03	3
cAMP-specific 3',5'-cyclic phosphodiesterase 4D	Q01063				
Serine/threonine-protein kinase C hκ1	O35280	0.97569	0.81	1.23	2
Aurora kinase C	O88445				
Aurora kinase A	P97477				
Aurora kinase B	O70126				
Vesicle-associated membrane protein-associated protein 1	Q9QY76	0.97569	1.02	1.02	2
LETM1 domain-containing protein 1	Q924L1	0.97628	1.09	1.09	3
Microtubule-associated protein 4	P27546	0.97700	1.02	1.02	10
Myotubularin	Q9Z2C5	0.97725	0.91	1.10	4
ATPase family AAA domain-containing protein 1	Q9D5T0	0.97884	0.97	1.03	12
Tropomyosin alpha-1 chain	P58771	0.97933	0.92	1.08	2
Aspartate aminotransferase, mitochondrial	P05202	0.97933	1.03	1.03	31
Protein FAM193A	Q8CGI1				
Protein FAM193B	Q3U2K0				
DnaJ homolog subfamily B member 2	Q9QYI5	0.98417	1.08	1.08	2
Tumor protein D54	Q9CYZ2	0.98441	0.68	1.48	2
Protein BRICK1	Q91VR8	0.98574	1.04	1.04	4
Rootletin	Q8CJ40	0.98574	0.66	1.51	4
Gamma-aminobutyric acid type B receptor subunit 1	Q9WV18	0.98574	1.04	1.04	10
ADP-ribosylation factor 6	P62331	0.98574	0.98	1.02	6
Protein unc-13 homolog A	Q4KUS2	0.98580	0.99	1.01	28
Protein unc-13 homolog B	Q9Z1N9				
Neural cell adhesion molecule 2	O35136	0.98597	1.03	1.03	9
MAM domain-containing glycosylphosphatidylinositol transferase	P60755	0.98619	1.35	1.35	2
Protein lin-7 homolog B	O88951	0.98718	0.58	1.73	2
NADH dehydrogenase [ubiquinone] 1 beta subcomplex 1	Q9CQH3	0.98722	1.06	1.06	8

Synaptojanin-2-binding protein	Q9D6K5	0.98722	1.00	1.00	2
Serine/threonine-protein phosphatase 2A 65 kDa reg	Q76MZ3	0.98722	1.07	1.07	16
Serine/threonine-protein phosphatase 2A 65 kDa reg	Q7TNP2				
Anionic trypsin-2	P07146	0.98725	0.96	1.04	3
Nucleosome assembly protein 1-like 4	Q78ZA7	0.98725	1.05	1.05	3
Neurexin-3	Q6P9K9	0.98727	0.95	1.05	5
Neurexin-3-beta	Q8C985				
Nuclease EXOG, mitochondrial	Q8C163	0.98727	1.04	1.04	7
Voltage-dependent anion-selective channel protein 3	Q60931	0.98742	0.99	1.01	19
Inactive ubiquitin carboxyl-terminal hydrolase 54	Q8BL06	0.98746	1.20	1.20	2
Potassium/sodium hyperpolarization-activated cyclic	O88703	0.98750	1.01	1.01	5
Regulating synaptic membrane exocytosis protein 2	Q9EQZ7	0.98767	0.97	1.03	31
Talin-2	Q71LX4	0.98767	0.98	1.02	3
Dehydrogenase/reductase SDR family member 1	Q99L04	0.98767	1.01	1.01	5
ATP-dependent DNA helicase Q4	Q75NR7	0.98770	0.98	1.02	80
SRC kinase signaling inhibitor 1	Q9QWI6				
Glycogen synthase kinase-3 alpha	Q2NL51	0.98774	1.01	1.01	10
Glycogen synthase kinase-3 beta	Q9WV60				
NADH dehydrogenase [ubiquinone] 1beta subcomplex	Q9DCS9	0.98790	0.94	1.07	8
Synaptotagmin-2	P46097	0.98793	1.18	1.18	5
Synaptotagmin-8	Q9R0N6				
Ubiquitin-protein ligase E3B	Q9ES34	0.98797	0.95	1.05	5
ATP-citrate synthase	Q91V92	0.98809	1.07	1.07	7
T-complex protein 1 subunit beta	P80314	0.98809	1.04	1.04	2
Protein SCA1	Q8C8N2	0.98851	1.00	1.00	26
Dynactin subunit 4	Q8CBY8	0.98851	1.26	1.26	3
40S ribosomal protein S18	P62270	0.98851	1.16	1.16	2
AP-3 complex subunit mu-2	Q8R2R9	0.98859	0.57	1.75	3
AP-3 complex subunit mu-1	Q9JKC8				
Leucine-rich repeat LGI family member 3	Q8K406	0.98873	0.97	1.03	17
Inositol 1,4,5-trisphosphate receptor type 1	P11881	0.98880	1.05	1.05	8
Phosphoglycerate mutase 2	O70250	0.98880	1.03	1.03	2
Phosphoglycerate mutase 1	Q9DBJ1				

Voltage-dependent calcium channel gamma-3 subunit	Q9JJV5	0.98880	1.38	1.38	4
Dihydropyrimidinase-related protein 4	O35098	0.98882	0.84	1.19	3
Dihydropyrimidinase-related protein 1	P97427				
Triosephosphate isomerase	P17751	0.98898	0.72	1.39	2
Protein shisa-6 homolog	Q3UH99	0.98898	0.69	1.46	6
Vinexin	Q9R1Z8	0.98898	1.03	1.03	2
Leucine-rich repeat LGI family member 2	Q8K4Z0	0.98898	1.15	1.15	4
Double C2-like domain-containing protein alpha	Q7TNF0	0.98898	0.95	1.06	11
Synapsin-3	Q8JZP2	0.98905	1.01	1.01	18
General receptor for phosphoinositides 1-associated	Q9JJA9	0.98921	1.04	1.04	3
Aquaporin-4	P55088	0.98928	0.86	1.16	4
Inward rectifier potassium channel 4	P52189	0.98928	0.86	1.16	8
CLIP-associating protein 1	Q80TV8	0.98950	0.95	1.06	8
Splicing factor 3B subunit 1	Q99NB9				
N-alpha-acetyltransferase 25, NatB auxiliary subunit	Q8BWZ3				
Coiled-coil domain-containing protein 172	Q810N9				
Adenylate cyclase type 10	Q8C0T9	0.98950	1.06	1.06	2
60S ribosomal protein L19	P84099	0.98950	0.86	1.16	2
FERM domain-containing protein 5	Q6P5H6	0.98972	0.98	1.02	3
Ras-related protein Rab-2A	P53994	0.98973	1.04	1.04	4
Ras-related protein Rab-2B	P59279				
Guanine nucleotide-binding protein G(i) subunit alpha	P08752	0.98975	0.99	1.01	4
Guanine nucleotide-binding protein G(t) subunit alpha	P50149				
Annexin A11	P97384	0.98975	1.00	1.00	6
IQ motif and SEC7 domain-containing protein 1	Q8R0S2	0.98976	0.94	1.07	35
Alpha-actinin-2	Q9JI91	0.98976	0.99	1.01	18
Amyloid beta A4 precursor protein-binding family B member 1	Q9QXJ1	0.98976	1.05	1.05	2
Pyruvate kinase PKM	P52480	0.98979	1.00	1.00	8
E3 ubiquitin-protein ligase DTX1	Q61010	0.98979	1.03	1.03	2
ATP synthase subunit gamma	Q91VR2	0.98991	1.03	1.03	8
Glutamate receptor-interacting protein 1	Q925T6	0.98991	1.01	1.01	9
Cytochrome b-c1 complex subunit 6	P99028	0.98994	1.06	1.06	5
Phosphatidylserine decarboxylase proenzyme, mitochondrial	Q8BSF4	0.98997	0.91	1.09	2

Excitatory amino acid transporter 1	P56564	0.98999	1.21	1.21	6
Ras-related protein Rab-8B	P61028	0.99002	1.07	1.07	2
Cytochrome c oxidase subunit 6B1	P56391	0.99019	0.96	1.04	6
Thy-1 membrane glycoprotein	P01831	0.99021	1.00	1.00	19
Mitochondrial ribosome-associatedGTPase 1	Q8R2R6	0.99038	1.00	1.00	3
Corticotropin-releasing factor receptor 1	P35347	0.99038	1.00	1.00	2
Splicing factor, arginine/serine-rich 19	Q5U4C3				
Beta-glucuronidase	P12265				
Brevican core protein	Q61361	0.99044	1.09	1.09	9
Tubulin polymerization-promoting	Q7TQD2	0.99055	0.92	1.08	14
DCC-interacting protein 13-beta	Q8K3G9	0.99055	0.98	1.02	251
Uncharacterized protein C5orf34 h	Q3UJC8				
Protein piccolo	Q9QYX7				
Guanine nucleotide-binding protein G(I)/G(S)/G(O) s	P63213	0.99070	0.98	1.02	3
Luc7-like protein 3	Q5SUF2				
Phospholipase D3	Q35405	0.99070	1.09	1.09	3
Ribosomal protein S6 kinase alpha-4	Q9Z2B9	0.99085	0.84	1.19	2
Ribosomal protein S6 kinase alpha-2	Q9WUT3				
Ribosomal protein S6 kinase alpha-3	P18654				
Ribosomal protein S6 kinase alpha-1	P18653				
Ribosomal protein S6 kinase alpha-6	Q7TPS0				
Integrin alpha-D	Q3V0T4	0.99085	0.98	1.02	3
Solute carrier family 25 member 51	Q5HZI9				
Leucine zipper protein 1	Q8R4U7	0.99085	1.08	1.08	3
NADH dehydrogenase [ubiquinone] iron-sulfur protei	Q99LY9	0.99093	1.09	1.09	5
Exocyst complex component 4	Q35382	0.99106	0.95	1.05	20
Phosphoglycerate kinase 2	P09041	0.99116	0.81	1.23	3
Phosphoglycerate kinase 1	P09411				
Serine/threonine-protein kinase DCLK2	Q6PGN3	0.99119	1.05	1.05	7
Synaptogyrin-3	Q8R191	0.99129	1.05	1.05	3
Myosin-14	Q6URW6	0.99139	1.01	1.01	68
28S ribosomal protein S22, mitochondrial	Q9CXW2	0.99213	0.75	1.33	2
Gamma-aminobutyric acid receptorsubunit gamma-2	P22723	0.99231	1.00	1.00	4

Gamma-aminobutyric acid receptorsubunit gamma-1	Q9R0Y8				
Clusterin	Q06890	0.99231	1.05	1.05	4
Copine-9	Q1RLL3	0.99275	1.03	1.03	8
60S acidic ribosomal protein P0	P14869	0.99298	1.00	1.00	11
Cyclin-Y	Q8BGU5	0.99362	0.97	1.04	3
Elongation factor 1-alpha 1	P10126	0.99362	1.02	1.02	16
Microtubule-actin cross-linking factor 1	Q9QXZ0	0.99363	1.02	1.02	67
Secretory carrier-associated membrane protein 5	Q9JKD3	0.99363	0.69	1.45	2
Serine/threonine-protein kinase PAK 1	O88643	0.99363	0.79	1.26	2
Serine/threonine-protein kinase PAK 2	Q8CIN4				
Calmin	Q8C5W0	0.99385	0.95	1.05	17
60S ribosomal protein L15	Q9CZM2	0.99406	0.96	1.04	10
Elongation factor Tu, mitochondrial	Q8BFR5	0.99427	1.00	1.00	16
Junction plakoglobin	Q02257	0.99511	1.02	1.02	13
Interleukin-1 receptor accessory protein	Q61730	0.99511	0.67	1.49	2
14-3-3 protein gamma	P61982	0.99680	0.90	1.12	6
Cysteine and glycine-rich protein1	P97315	0.99680	1.02	1.02	5
Titin	A2ASS6	0.99701	1.01	1.01	2
Interferon-induced GTP-binding protein Mx1	P09922	0.99848	0.99	1.01	2
26S proteasome non-ATPase regulatory subunit 12	Q9D8W5				
Tropomyosin alpha-3 chain	P21107	0.99973	0.94	1.06	3
Tropomyosin beta chain	P58774				
Apoptosis-inducing factor 3	Q3TY86	0.99994	1.11	1.11	8
CB1 cannabinoid receptor-interacting protein 1	Q5M8N0	1.00000	0.97	1.03	3
NADH dehydrogenase [ubiquinone] 1 alpha subcomp	Q9CQZ5	1.00000	0.96	1.04	7
Dedicator of cytokinesis protein 3	Q8CIQ7	1.00000	1.04	1.04	6
Cytochrome c oxidase subunit 5B,mitochondrial	P19536	1.00000	0.83	1.21	3
60S ribosomal protein L4	Q9D8E6	1.00000	1.00	1.00	14
Centrosomal protein of 97 kDa	Q9CZ62	1.00000	1.01	1.01	2
60S ribosomal protein L23a	P62751	1.00000	0.97	1.03	3
Prosaposin	Q61207	1.00000	1.26	1.26	2
Glutamate dehydrogenase 1, mitochondrial	P26443	1.00000	1.00	1.00	19
WD repeat-containing protein 48	Q8BH57	1.00000	0.97	1.03	12



Formin-like protein 2	A2APV2	1.00000	0.98	1.02	29
Formin-like protein 3	Q6ZPF4				
Ubiquitin carboxyl-terminal hydrolase CYLD	Q80TQ2	1.00000	0.97	1.03	13
Disks large homolog 1	Q811D0	1.00000	0.99	1.01	21
Unconventional myosin-le	E9Q634	1.00000	1.08	1.08	4
Unconventional myosin-lf	P70248				
Phosphatidylinositol-binding clathrin assembly protei	Q7M6Y3	1.00000	1.11	1.11	3
BAG family molecular chaperone regulator 2	Q91YN9	1.00000	1.15	1.15	2
Rho guanine nucleotide exchange factor 18	Q6P9R4	1.00000	1.11	1.11	2
Voltage-dependent anion-selective channel protein 2	Q60930	1.00000	0.99	1.01	17
Zinc finger protein 382	B2RXC5	1.00000	0.97	1.03	76
Dedicator of cytokinesis protein9	Q8BIK4				
Tubulin alpha-8 chain	Q9JJZ2	1.00000	0.99	1.01	68
Tubulin alpha chain-like 3	Q3UX10				
Tubulin alpha-1C chain	P68373				
Tubulin alpha-1A chain	P68369				
Tubulin alpha-4A chain	P68368				
Tubulin alpha-1B chain	P05213				
Tubulin alpha-3 chain	P05214				
Peripheral-type benzodiazepine receptor-associated	Q7TNF8	1.00000	1.02	1.02	20
RIMS-binding protein 2	Q80U40				
Serine/threonine-protein kinase PAK7	Q8C015	1.00000	1.01	1.01	10
55 kDa erythrocyte membrane protein	P70290	1.00000	0.98	1.02	4
Semaphorin-7A	Q9QUR8	1.00000	1.07	1.07	9
Serine/threonine-protein phosphatase PGAM5, mitoc	Q8BX10	1.00000	0.94	1.06	9
F-actin-capping protein subunit alpha-2	P47754	1.00000	0.98	1.02	10
Polycystic kidney disease protein11-like 3	Q2EG98	1.00000	0.83	1.20	2
Neuromodulin	P06837	1.00000	0.95	1.05	12
60S ribosomal protein L27a	P14115	1.00000	1.02	1.02	3
Diacylglycerol kinase beta	Q6NS52	1.00000	1.01	1.01	5
Diacylglycerol kinase theta	Q6P5E8				
Disabled homolog 2-interacting protein	Q3UHC7	1.00000	1.12	1.12	3
TELO2-interacting protein 1 homolog	Q91V83	1.00000	1.04	1.04	2

Cytochrome c oxidase subunit 2	P00405	1.00000	1.01	1.01	16
Ras-related protein Rab-21	P35282	1.00000	0.85	1.18	5
Protein HEG homolog 1	E9Q7X6	1.00000	0.91	1.09	2
Cytohesin-2	P63034	1.00000	0.88	1.14	4
Actin-related protein 2/3 complex subunit 4	P59999	1.00000	0.92	1.09	5
ADP-ribosylation factor 1	P84078	1.00000	1.66	1.66	3
ADP-ribosylation factor 3	P61205				
ADP-ribosylation factor 2	Q8BSL7				
Glypican-1	Q9QZF2	1.00000	0.94	1.06	2
DNA topoisomerase 2-beta	Q64511	1.00000	1.00	1.00	3
Janus kinase and microtubule-interacting protein 3	Q5DTN8	1.00000	1.18	1.18	5
Janus kinase and microtubule-interacting protein 1	Q8BVL9				
Tetratricopeptide repeat protein 7B	E9Q6P5	1.00000	1.25	1.25	5
[Pyruvate dehydrogenase (acetyl-transferring)] kinase	Q9JK42	1.00000	1.21	1.21	5
Vesicle-fusing ATPase	P46460	1.00000	1.00	1.00	45
Myotubularin-related protein 10	Q7TPM9	1.00000	1.05	1.05	4
Leucine-rich repeat transmembrane neuronal protein	Q8BGA3	1.00000	0.83	1.21	4
Protein kintoun	Q8BPI1				
Copine-2	P59108	1.00000	0.97	1.03	17
NADH dehydrogenase [ubiquinone] iron-sulfur protein	Q9CXZ1	1.00000	1.02	1.02	4
Gamma-soluble NSF attachment protein	Q9CWZ7	1.00000	1.07	1.07	2
NADH dehydrogenase [ubiquinone] iron-containing protein	Q91WD5	1.00000	0.99	1.01	16
Fibronectin type III and SPRY domain	Q7TPM6	1.00000	1.11	1.11	4
Drebrin-like protein	Q62418	1.00000	1.11	1.11	2
Pleckstrin homology-like domain family B member 1	Q6PDH0	1.00000	0.92	1.09	27
Pleckstrin homology-like domain family B member 2	Q8K1N2				
Syntaxin-binding protein 3	Q60770	1.00000	1.11	1.11	3
Mitochondrial amidoxime reducing component 2	Q922Q1	1.00000	0.91	1.09	5
Neuronal membrane glycoprotein M6	P35803	1.00000	1.10	1.10	2