Protein Name	Coc:Sal NAc Shell	Coc:Sal NAc Core
18 kDa protein	0.7943	1.2023
21 kDa protein	0.492	0.4831
29 kDa protein	1.0965	0.9462
34 kDa protein	0.7178	0.912
39 kDa protein	0.7311	1.2942
40S ribosomal protein S3a-like	0.912	0.9817
53 kDa protein	1.2023	1.2359
Aadacl1 Neutral cholesterol ester hydrolase 1	2.0137	0.9908
Aak1 AP2 associated kinase 1	0.9908	0.9376
Aars Alanyl-tRNA synthetase, cytoplasmic	1.0568	1.1169
Abat 4-aminobutyrate aminotransferase, mitochondrial	2.1281	0.9376
Abcb7 ATP-binding cassette sub-family B member 7, mitochondrial	0.8241	0.8954
Abcb8 ATP-binding cassette sub-family B member 8, mitochondrial	1	0.787
Abcc6 Multidrug resistance-associated protein 6	0.5248	1.2134
Abcd3 ATP-binding cassette sub-family D member 3	0.6607	1.3428
Abhd10 Abhydrolase domain-containing protein 10, mitochondrial	0.6918	1
Abhd11;LOC686139 Putative uncharacterized protein Abhd11	0.955	0.9462
Abhd12 Monoacylglycerol lipase ABHD12	0.8954	0.8166
Abhd14b Abhydrolase domain-containing protein 14B	1.0093	1.0375
Abi1 abl interactor 1	0.9376	1.1169
Ablim1 88 kDa protein	0.7656	0.7311
Ablim2 Putative uncharacterized protein ENSRNOP00000050625	0.871	1.1803
Abr Putative uncharacterized protein Abr	0.7311	1.1066
Acad9 Acad9 protein	0.871	0.5861
Acadl Long-chain specific acyl-CoA dehydrogenase, mitochondrial	0.912	1.0568
Acads Acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain	1.6749	0.8318
Acat1 Acetyl-CoA acetyltransferase, mitochondrial	1.3062	0.955
Acat2 Ab2-076	0.9727	1.0568
Ache Isoform R of Acetylcholinesterase	1.5704	0.8166
Acly ATP citrate lyase isoform 1	1.9055	0.9638
Aco1 Putative uncharacterized protein Aco1	1.1803	0.9376
Aco2 85 kDa protein	2.6546	1.0375
Acot5 Acyl-CoA thioesterase 5	0.7244	1.1066
Acot7 Putative uncharacterized protein Acot7	1.7701	1.0666
Acot9 Similar to acyl-CoA thioesterase, isoform CRA_b	6.792	0.8017
Acox1 Isoform 2 of Peroxisomal acyl-coenzyme A oxidase 1	1.4191	1.2134
Acsbg1 Long-chain-fatty-acid--CoA ligase ACSBG1	1.0186	0.9908
Acsf2 Acyl-CoA synthetase family member 2, mitochondrial	1.1066	1.0965
Acsf3 Similar to C50H11.1, isoform CRA_a	0.7447	1.2359
Acsl6 Isoform 2 of Long-chain-fatty-acid--CoA ligase 6	0.6918	1.0568
Acss1 RCG37494	0.9638	0.6607
Actc1 Actin, alpha cardiac muscle 1	2.1086	0.9376
Actl6b Actin-like protein 6B	0.912	0.597
Actn1 Actn1 protein	1.3677	0.8318
Actn2 actinin alpha 2	2.0893	1.2706
Actn4 Alpha-actinin-4	1.0186	0.9462
Actr10 Actin-related protein 10 homolog	1.3932	1.4859
Actr1a Alpha-centractin	0.955	1.2134
Actr1b ARP1 actin-related protein 1 homolog B	0.5754	0.8241
Actr2 Actin-related protein 2	1.2589	0.4487
Actr3 Actin-related protein 3	0.871	0.5808
Actr3b ARP3 actin-related protein 3 homolog B-like	0.5058	0.7798
Acy1 Aminoacylase-1B	0.871	1.3428
Adam23 Putative uncharacterized protein Adam23	0.6026	1.0765
Adap1 Centaurin alpha	0.9817	1.0864
Adcy5 Adenylate cyclase type 5	2.3335	0.8091
Add1 Putative uncharacterized protein Add1	2.1878	1.0765
Add2 Isoform 1 of Beta-adducin	1.4588	1.0666
Add3 gamma-adducin isoform 2	2.2284	1
Adh5 95 kDa protein	0.6427	1.3552
Adi1 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase	0.9462	0.3565
Adk Adenosine kinase	1.0765	1.0471
Adrbk1 Beta-adrenergic receptor kinase 1	20.1372	1.2134
Adsl Putative uncharacterized protein Adsl	0.7727	0.955
Adss Putative uncharacterized protein Adss	0.912	1.0186
Aer61 Uncharacterized glycosyltransferase AER61	2.6792	1.0864
Agap2 Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2	0.787	1.028
Agap3 Protein	0.9727	1.028
Agk Similar to putative lipid kinase (Predicted), isoform CRA_c	0.9817	0.9204
Agl Putative uncharacterized protein Agl	1.0093	0.9727
Agrn Putative uncharacterized protein Agrn	0.8241	1.1588
Ahcy Adenosylhomocysteinase	1.4322	1.0471
Ahcyl1 Adenosylhomocysteinase	1.1272	1.0471
Ahcyl2 adenosylhomocysteinase-like 2	1.3183	1.0965
Ahsg Aa2-066	0.7047	0.7516
Aifm1 Apoptosis-inducing factor 1, mitochondrial	0.8472	1.1588
Ak1 Adenylate kinase isoenzyme 1	1.0186	1.5417
Ak3l1 Adenylate kinase isoenzyme 4, mitochondrial	0.4018	1.0965
Akap5 A-kinase anchor protein 5	2.2699	1.1272
Akr1a1 Alcohol dehydrogenase [NADP+]	1.3305	1.2823
Akr1b1 Aldose reductase	0.9817	0.871
Akr7a2 Aflatoxin B1 aldehyde reductase member 2	0.8318	1.0666
Alb Serum albumin	6.1944	3.9811
Alcam CD166 antigen	1.9055	1.0965
Aldh1a1 Retinal dehydrogenase 1	1.7219	0.9204
Aldh1b1 Aldehyde dehydrogenase X, mitochondrial	1.2134	1.0765
Aldh2 Aldehyde dehydrogenase, mitochondrial	0.9817	1.2246
Aldh3a2 Putative uncharacterized protein Aldh3a2	0.8091	0.9204
Aldh5a1 similar to Succinate semialdehyde dehydrogenase (NAD(+)-dependent succinic semialdehyde deh	1.0186	0.879
Aldh6a1 Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	1.8707	1.1169

Aldh7a1 Alpha-aminoadipic semialdehyde dehydrogenase	0.8872	1.1376
Aldh9a1 4-trimethylaminobutyraldehyde dehydrogenase	1.4859	0.7586
Aldoa 45 kDa protein	2.2284	1.7378
Aldoc Fructose-bisphosphate aldolase C	2.5586	1.1169
Alg2 alpha-1,3-mannosyltransferase ALG2	0.5861	0.5248
Ampd3 AMP deaminase 3	0.7943	1.1695
Amph Amphiphysin	2.5351	1.1169
Ank2 ankyrin 2, neuronal	1.1272	0.6855
Ank3 ankyrin 3, epithelial isoform 2	0.7727	1.1588
Anks1b Putative uncharacterized protein ENSRNOP00000046230	1.0375	0.929
Anp32a Acidic leucine-rich nuclear phosphoprotein 32 family member A	0.9817	1.0186
Anxa11 Annexin A11	0.6427	1.1803
Anxa3 36 kDa protein	0.5012	0.9036
Anxa5 Annexin A5	0.8091	0.8551
Anxa6 Putative uncharacterized protein Anxa6	1.3062	1.0965
Ap1b1 Isoform A of AP-1 complex subunit beta-1	0.6546	1.6596
Ap1g1 92 kDa protein	0.4487	0.912
Ap1m1 AP-1 complex subunit mu-1	1.5417	1.2589
Ap2a1 Putative uncharacterized protein Ap2a1	1.4723	1.0093
Ap2a2 Adaptor-related protein complex 2, alpha 2 subunit	1.0666	0.9638
Ap2b1 Isoform 1 of AP-2 complex subunit beta	2.1478	1.0765
Ap2m1 Putative uncharacterized protein Ap2m1	1.3428	0.9727
Ap2s1 AP-2 complex subunit sigma	2.3121	0.9638
Ap3b2 Putative uncharacterized protein Ap3b2	1.2359	1.028
Ap3d1 Ap3d1 protein	1.3183	1.0568
Ap3m2 AP-3 complex subunit mu-2	0.871	1.3552
Apeh Acylamino-acid-releasing enzyme	0.6138	0.673
Apex1 DNA-(apurinic or apyrimidinic site) lyase	1.1588	0.8872
Apip Putative uncharacterized protein Apip	0.7047	1.1803
Aplp1 Aplp1 protein	1.0375	0.9638
Apoa1bp RCG62645, isoform CRA_b	0.8551	0.6918
Apoe Apolipoprotein E	1.3552	1.0965
Apool Apolipoprotein O-like	1.1376	0.9376
App Isoform APP770 of Amyloid beta A4 protein (Fragment)	1.6596	1
Aprt Adenine phosphoribosyltransferase	0.9376	0.9638
Aqp4 Isoform Short of Aquaporin-4	1.7061	0.9727
Araf Serine/threonine-protein kinase A-Raf	0.9376	1.0093
Arf3 ADP-ribosylation factor 3	1.4454	1.0666
Arf5 ADP-ribosylation factor 5	1.4859	0.8954
Arf6 ADP-ribosylation factor 6	2.1281	0.631
Arfgap1 Isoform 1 of ADP-ribosylation factor GTPase-activating protein 1	0.7047	1.2823
Arfip2 Arfaptin-2	0.9638	1.1588
Argbp2 Putative uncharacterized protein Argbp2	0.4285	1.2023
Arhgap1 Putative uncharacterized protein Arhgap1	0.6792	1.406
Arhgdia Rho GDP-dissociation inhibitor 1	1.1376	1.1912
Arhgef2 Rho guanine nucleotide exchange factor 2	1.1803	0.8395
Arhgef7 rho guanine nucleotide exchange factor 7 isoform a	1.5136	0.9462
Arl3 ADP-ribosylation factor-like protein 3	1.1588	0.955
Arl6ip1 RCG39653, isoform CRA_d	0.6546	1.6144
Arl8a Similar to ADP-ribosylation factor-like 10B	1.0471	1.0093
Arl8b ADP-ribosylation factor-like protein 8B	1.2246	0.7727
Arpc1a Actin-related protein 2/3 complex subunit 1A	1.0471	0.929
Arpc2 Putative uncharacterized protein Arpc2	1.028	0.9462
Arpc3 Actin related protein 2/3 complex, subunit 3 (Predicted), isoform CRA_b	1.9055	1.0375
Arpc4 protein	1.2246	1.0568
Arpp-21 cyclic AMP-regulated phosphoprotein isoform 1	1.6444	0.7943
Arrb1 Putative uncharacterized protein Arrb1	2.2284	0.5916
Arsb protein (Fragment)	0.9036	1.1695
Asl Asl protein	0.7112	0.912
Asna1 arsA arsenite transporter, ATP-binding, homolog 1	0.863	1.0568
Aspa Putative uncharacterized protein Aspa	0.9376	1.4859
Asrgl1 L-asparaginase	1.6293	1.0864
Astn1 astrotactin 1	0.9376	0.8318
Atad1 ATPase family AAA domain-containing protein 1	0.7178	1.0965
Atad3a ATPase family AAA domain-containing protein 3	0.5861	2.208
Atcay 42 kDa protein	1.3932	0.929
Atic Bifunctional purine biosynthesis protein PURH	1.0666	1.028
Atl1 Atlastin-1	0.5702	0.9638
Atl3 Isoform 1 of Atlastin-3	1.8535	0.9376
Atp11b ATPase, class VI, type 11B	1.1588	1.0666
Atp1a1 Sodium/potassium-transporting ATPase subunit alpha-1	1.6144	1.3183
Atp1a2 Putative uncharacterized protein Atp1a2	0.8872	1.1912
Atp1a3 Sodium/potassium-transporting ATPase subunit alpha-3	0.8954	1.0666
Atp1b1 Sodium/potassium-transporting ATPase subunit beta-1	2.7797	1.8197
Atp1b2 sodium/potassium-transporting ATPase subunit beta-2	2.3335	1.3677
Atp2a2 Putative uncharacterized protein Atp2a2	3.4674	1.0965
Atp2b1 Putative uncharacterized protein Atp2b1	2.7542	1.0864
Atp2b2 Isoform WB of Plasma membrane calcium-transporting ATPase 2	1.9055	1.6749
Atp2b3 Isoform ZC of Plasma membrane calcium-transporting ATPase 3	0.9727	1.0093
Atp2b4 Isoform XB of Plasma membrane calcium-transporting ATPase 4	0.6194	1.803
Atp5a1 ATP synthase subunit alpha, mitochondrial	1.6444	1.2589
Atp5b ATP synthase subunit beta, mitochondrial	0.9376	0.8472
Atp5c1 ATP synthase gamma chain	0.5916	0.7311
Atp5e ATP synthase subunit epsilon, mitochondrial	1.4859	1.1588
Atp5f1 ATP synthase subunit b, mitochondrial	1.2359	1
Atp5h ATP synthase subunit d, mitochondrial	2.0512	1.0568
Atp5j ATP synthase-coupling factor 6, mitochondrial	1.1695	1.0471
Atp5j2 ATP synthase, H+ transporting, mitochondrial F0 complex, subunit f, isoform 2	1.3305	1.0093
Atp5l ATP synthase, H+ transporting, mitochondrial F0 complex, subunit G	1.1912	1
Atp5o ATP synthase subunit O, mitochondrial	1.5704	0.863
Atp6ap1 V-type proton ATPase subunit S1	1.4723	0.5754

Atp6v0a1 V-H+ATPase subunit a1-IV	1.8535	0.8091
Atp6v0c V-type proton ATPase 16 kDa proteolipid subunit	1.2023	0.6194
Atp6v0d1 RCG51062, isoform CRA_a	2.2284	1.028
Atp6v1a ATPase, H+ transporting, lysosomal V1 subunit A	1.5704	1.2823
Atp6v1b2 V-type proton ATPase subunit B, brain isoform	1.2942	0.8872
Atp6v1c1 V-type proton ATPase subunit C 1	0.9638	1.3428
Atp6v1d ATPase, H+ transporting, lysosomal V1 subunit D	1.6749	0.5152
Atp6v1e1 V-type proton ATPase subunit E 1	1.2359	1.2246
Atp6v1f V-type proton ATPase subunit F	0.6607	0.6081
Atp6v1g2 ATPase, H+ transporting, lysosomal, V1 subunit G2	2.5823	1.5996
Atp6v1h Vacuolar ATPase subunit H, isoform CRA_a	2.9376	1.7378
Atp8a1 ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1	1.028	1.0375
Atp8b2 similar to Nice-4 protein homolog isoform 1	1.028	0.6546
Atp9b Similar to Potential phospholipid-transporting ATPase IIB, isoform CRA_b	1.0765	0.9376
Atpif1 ATPase inhibitor, mitochondrial	1.0093	1.0765
Auh AU RNA binding protein/enoyl-Coenzyme A hydratase	1.7378	0.929
Baiap2 Isoform 2 of Brain-specific angiogenesis inhibitor 1-associated protein 2	1	0.9376
Basp1 Brain acid soluble protein 1	8.091	1.5136
Bat1 Spliceosome RNA helicase Bat1	1.0186	0.9727
Bat3 large proline-rich protein BAT3 isoform 1	0.8472	1.3183
Bat5 Protein BAT5	1.0965	0.9638
Bcan brevican core protein isoform 1	1.2823	0.9817
Bcas1 Isoform 6 of Breast carcinoma-amplified sequence 1 homolog (Fragment)	0.631	1.1066
Bcat1 Branched-chain-amino-acid aminotransferase	1.1376	0.9376
Bin1 Putative uncharacterized protein Bin1	1.4588	1
Bles03 basophilic leukemia expressed protein BLES03	0.6855	1.0965
Blmh bleomycin hydrolase	1.1376	1.1169
Blvra Biliverdin reductase A	0.673	0.6982
Blvrb Biliverdin reductase B	1.0965	0.879
Bola2 Putative uncharacterized protein Bola2	1.2246	0.7798
Bphl Biphenyl hydrolase-like	1.4723	0.912
Bpnt1 3''(2''),5''-bisphosphate nucleotidase 1	2.1677	0.863
Braf v-raf murine sarcoma viral oncogene homolog B1	1.803	1.0965
brain protein 44	0.9036	1.2823
Brsk1 Serine/threonine kinase SAD-B	0.9204	1.0186
Brsk2 brain serine/threonine kinase 2	1.4723	1
Bsg Isoform 1 of Basigin	1.0093	0.9204
Bsn Putative uncharacterized protein Bsn	0.8551	0.955
Btbd17 Similar to CG1841-PA, isoform A (Predicted), isoform CRA_b	1.3804	1.0666
C1qbp Complement component 1 Q subcomponent-binding protein, mitochondrial	1.2023	1.0186
C1qtnf5 Complement C1q tumor necrosis factor-related protein 5	0.9036	1.1588
C2cd2l Transmembrane protein 24	1.0471	0.9204
Cab39 Putative uncharacterized protein Cab39	0.52	0.8954
Cabc1 Chaperone activity of bc1 complex-like, mitochondrial	1.2023	0.9727
Cacna1e Voltage-dependent R-type calcium channel subunit alpha-1E	1.0093	0.8872
Cacna2d1 Voltage-gated calcium channel alpha2/delta-1 subunit	2.3768	0.863
Cacna2d3 Voltage-dependent calcium channel subunit alpha-2/delta-3	1.3677	1.1695
Cacnb3 Putative uncharacterized protein Cacnb3	1.2359	1.0375
Cacnb4 Putative uncharacterized protein Cacnb4	1.7701	0.6792
Cadm1 42 kDa protein	2.5119	1.1803
Cadm2 Isoform 1 of Cell adhesion molecule 2	1.8365	1.2023
Cadm3 Cell adhesion molecule 3	0.9036	0.9204
Cadm4 Cell adhesion molecule 4	0.9376	0.9036
Cadps Putative uncharacterized protein Cadps	4.6132	0.8091
Cadps2 calcium-dependent secretion activator 1-like isoform 2	1.8707	0.9817
Calb1 Calbindin	1.1376	1.1803
Calb2 Calretinin	1.888	0.9204
calcium-binding atopy-related autoantigen 1-like	0.4246	1.7539
Calr Calreticulin	5.0582	1.3305
Camk2a Calcium/calmodulin-dependent protein kinase type II subunit alpha	4.4463	1.2823
Camk2b Calcium/calmodulin-dependent protein kinase type II subunit beta	1.6904	1.1482
Camk2d Isoform Delta 3 of Calcium/calmodulin-dependent protein kinase type II subunit delta	1.8365	1.803
Camk2g Isoform A of Calcium/calmodulin-dependent protein kinase type II subunit gamma	2.6546	1.406
Camk4 Isoform 1 of Calcium/calmodulin-dependent protein kinase type IV	3.3113	1.1376
Camkv CaM kinase-like vesicle-associated protein	1.6904	0.879
cAMP-regulated phosphoprotein 19-like	1.1482	0.8395
Cand1 Cullin-associated NEDD8-dissociated protein 1	1.6749	0.9376
Canx Calnexin	3.1623	2.0324
Cap1 Adenylyl cyclase-associated protein 1	1.1482	0.955
Cap2 Adenylyl cyclase-associated protein 2	0.9817	0.7656
Capn2 Calpain-2 catalytic subunit	1.1376	1.0186
Capns1 Calpain small subunit 1	2.9923	0.9727
Capza1 F-actin-capping protein subunit alpha-1	0.929	1.1588
Capza2 F-actin-capping protein subunit alpha-2	2.0893	0.6486
Capzb F-actin-capping protein subunit beta	1	0.9204
Car2 Carbonic anhydrase 2	0.6194	1.1482
Carhsp1 Calcium-regulated heat stable protein 1	0.9204	1.1169
Carkd Similar to RIKEN cDNA 0710008K08 (Predicted), isoform CRA_c	1.1376	1.1376
Casc3 Protein CASC3	1.1482	0.9908
Cask Peripheral plasma membrane protein CASK	0.9376	1.0568
Caskin1 Caskin-1	1.7378	0.9638
Cat Catalase	0.8872	0.8091
Cbr1 Carbonyl reductase [NADPH] 1	1.4588	1.3677
Ccdc109a coiled-coil domain containing 109A	1.3677	0.8318
Ccdc124 Putative uncharacterized protein RGD1310931_predicted	1.5136	1.2589
Ccdc51 Coiled-coil domain-containing protein 51	0.7379	1.0093
Cck Cholecystokinin	0.787	0.9462
Cct2 T-complex protein 1 subunit beta	1	1.0375
Cct3 T-complex protein 1 subunit gamma	0.9638	0.9638
Cct4 T-complex protein 1 subunit delta	0.6792	1
Cct5 T-complex protein 1 subunit epsilon	1.0186	1.0765

Cct6a Chaperonin subunit 6a	1.0965	0.955
Cct7 RCG55994, isoform CRA_c	0.9204	1.1588
Cct8 Putative uncharacterized protein Cct8	0.8166	1.0093
Cd200 OX-2 membrane glycoprotein	0.7379	1.0375
Cd38 ADP-ribosyl cyclase 1	0.7516	1.556
Cd44 CD44 protein	1.1066	1.3305
Cd47 Putative uncharacterized protein Cd47	4.2073	1
Cd9 CD9 antigen	0.4875	1.3677
Cd99 CD99 antigen	1.0864	0.6368
Cdc37 Putative uncharacterized protein Cdc37	0.8872	0.9638
Cdc42 Isoform 2 of Cell division control protein 42 homolog	3.4995	1.0186
Cdc42bpb Serine/threonine-protein kinase MRCK beta	1.0375	1.1482
Cdh13 T-cadherin	0.8017	1.0765
Cdh2 Cadherin-2	1.3183	1.2589
Cdipt CDP-diacylglycerol--inositol 3-phosphatidyltransferase	1.0471	1.1695
Cdk5 Cell division protein kinase 5	1.1588	1.1912
Cdw92 Isoform 2 of Choline transporter-like protein 1	0.912	0.9817
Cend1 Cell cycle exit and neuronal differentiation protein 1	2.2909	1.3804
Cfl1 24 kDa protein	5.5976	1.2474
Chchd3 Putative uncharacterized protein Chchd3	1.2706	1.1066
Chchd6 Putative uncharacterized protein Chchd6	1.2823	0.8954
Chgb Secretogranin-1	0.9462	1.1169
Chmp6 Putative uncharacterized protein Chmp6	0.7379	0.9462
Chn1 N-chimaerin	1.6904	1.6444
Chn2 RCG52339, isoform CRA_b	0.8241	1.1169
chromobox homolog 3-like	1.4723	0.8395
Cisd1 CDGSH iron sulfur domain-containing protein 1	1.8535	0.8872
Cisd2 Similar to RIKEN cDNA 1500009M05	0.8954	1.0965
Cit citron	0.879	0.8472
Ckap5 similar to cytoskeleton associated protein 5 isoform 5	2.2284	0.413
Ckb Creatine kinase B-type	1.6749	1.1482
Ckmt1 Creatine kinase, mitochondrial 1, ubiquitous	1.4322	0.9638
Clasp1 Protein	0.955	0.9638
Clasp2 Putative uncharacterized protein Clasp2	1.0765	1.1376
Clic4 Chloride intracellular channel protein 4	0.863	1.3183
Clip1 Putative uncharacterized protein Clip1	1.4322	0.9817
Clpp caseinolytic peptidase, ATP-dependent, proteolytic subunit-like	1.2359	1.0765
Clptm1 Cleft lip and palate associated transmembrane protein 1	1.3183	1.0375
Clta 26 kDa protein	1.9953	0.5649
Cltb Isoform Brain of Clathrin light chain B	3.5645	0.9376
Cltc Clathrin heavy chain 1	1.4859	0.7244
Clu Clusterin	1.2359	1.1912
Cmas Cytidine monophospho-N-acetylneuraminic acid synthetase	0.8472	1.1912
Cmpk1 UMP-CMP kinase 1	1.0093	1.1482
Cmtm4 CKLF-like MARVEL transmembrane domain containing 4	0.7798	1.0186
Cndp2 Cytosolic non-specific dipeptidase	0.9908	1.0765
Cnksr2 Isoform 1 of Connector enhancer of kinase suppressor of ras 2	1.0965	1.028
Cnp 2'',3''-cyclic-nucleotide 3''-phosphodiesterase	0.6792	1.2023
Cnpy2 RCG42492	0.8017	1.0864
Cnrip1 CB1 cannabinoid receptor-interacting protein 1	0.3631	1.2823
Cntfr Ciliary neurotrophic factor receptor subunit alpha	0.3664	1.2942
Cntn1 Contactin-1	0.673	1.2942
Cntnap1 Contactin-associated protein 1	3.1623	0.8954
Col1a1 Collagen alpha-1(I) chain	1.0375	1.2246
Col1a2 Collagen alpha-2(I) chain	0.9908	1.2023
Col4a2 collagen, type IV, alpha 2	3.8019	1.6904
Col4a5 collagen, type IV, alpha 5	1.2589	1.4322
cold shock domain containing E1, RNA binding	1.9588	0.912
Copa Copa protein	0.4325	0.9376
Copb1 Coatomer subunit beta	0.7798	0.7798
Cops2 Isoform 1 of COP9 signalosome complex subunit 2	1.0471	0.9727
Cops5 COP9 constitutive photomorphogenic homolog subunit 5	1.0471	0.9376
Cops6 Putative uncharacterized protein Cops6	0.9817	1.0765
Cops8 COP9 signalosome complex subunit 8	1.2246	1.1482
Copz1 Putative uncharacterized protein Copz1	0.7727	0.912
Coq6 Coenzyme Q6 homolog	0.9817	0.8872
Coq9 Ubiquinone biosynthesis protein COQ9, mitochondrial	1.4588	0.929
Coro1a Coronin-1A	0.6855	1.1803
Coro7 Putative uncharacterized protein Coro7	0.4207	0.871
Cotl1 Coactosin-like protein	2.6062	0.7047
Cox17 COX17 homolog, cytochrome c oxidase assembly protein	0.9638	0.7943
Cox4i1 Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	3.9446	0.7047
Cox5a Cytochrome c oxidase subunit 5A, mitochondrial	1.9055	0.7798
Cox5b Cytochrome c oxidase subunit 5B, mitochondrial	1.1376	1.0965
Cox7a2l Cytochrome c oxidase subunit VIIa polypeptide 2 like (Predicted), isoform CRA_d	1.5996	1.3428
Cox7b Cytochrome c oxidase subunit 7B, mitochondrial	1.5417	0.9727
Cpe Carboxypeptidase E	1.0186	0.929
Cplx1 15 kDa protein	1.2942	1.0093
Cplx2 Complexin-2	1.5136	1.1803
Cpne5 Putative uncharacterized protein Cpne5	1.9953	0.6855
Cpne6 similar to Copine-6	1.803	0.8954
Cpne7 Putative uncharacterized protein Cpne7	1.5996	0.9908
cra|hCP1812051| keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	0.8472	1.0471
Crip Cysteine-rich protein 1	1.8707	0.955
Crip2 Cysteine-rich protein 2	0.9036	1.1169
Crk Isoform Crk-II of Adapter molecule crk	1.0093	0.912
Crkl Crk-like protein	0.3802	0.8241
Crmp1 Dihydropyrimidinase-related protein 1	0.8954	1.1588
Cryab Alpha-crystallin B chain	0.8017	1.5417
Cryl1 Lambda-crystallin homolog	1.0568	1.0186
Crym Mu-crystallin homolog	2.5823	1.1482

Cryz Quinone oxidoreductase	0.5105	0.7798
Cs Citrate synthase, mitochondrial	1.7378	0.871
Cse1l Putative uncharacterized protein Cse1l	0.9204	0.863
Csnk2a1 Casein kinase II subunit alpha	1.0864	1.0093
Csnk2b Casein kinase II subunit beta	3.02	0.7516
Cspg4 Chondroitin sulfate proteoglycan 4	0.6918	1.3305
Csrp1 Cysteine and glycine-rich protein 1	2.1677	1.4191
Cst3 Cystatin-C	0.6855	1
Cstb Cystatin-B	1.0471	1.1066
Ctbp1 Putative uncharacterized protein Ctbp1	1.3062	0.9376
Ctnna2 catenin, alpha 2	3.4995	1.028
Ctnnb1 Catenin beta-1	1.7061	0.8954
Ctnnd2 catenin delta-2	1.1912	0.9727
Ctsa RCG32401, isoform CRA_a	0.6668	1.0375
Ctsb cathepsin B preproprotein	1.5996	0.871
Ctsd Cathepsin D	1.6444	1.0568
Cttn Putative uncharacterized protein Cttn	0.7447	1.0471
Cttnbp2 Cortactin-binding protein 2	0.8954	1.1272
Cugbp2 Isoform 3 of CUGBP Elav-like family member 2	1.0568	0.8395
Cul1 Cullin 1 (Predicted), isoform CRA_a	0.6138	0.9376
Cul2 Putative uncharacterized protein Cul2	0.8395	0.9727
Cul3 Cullin 3	1.2023	0.8872
Cul5 91 kDa protein	0.8318	0.912
Cyb5a Putative uncharacterized protein Cyb5a	0.955	1.0666
Cyb5r1 NADH-cytochrome b5 reductase 1	1.7865	0.8472
Cyb5r3 Isoform 3 of NADH-cytochrome b5 reductase 3	1.0965	1.0568
Cyc1 Putative uncharacterized protein ENSRNOP00000017067	0.5058	0.7943
Cyfip2 Putative uncharacterized protein Cyfip2	1.3932	0.8472
Cyp46a1 Cyp46a1 protein	0.9817	0.9908
cytochrome c oxidase, subunit VIc-like	0.955	1.028
cytochrome c oxidase, subunit VIIc-like	0.871	1
Dars Aspartyl-tRNA synthetase, cytoplasmic	0.7727	0.9204
Dazap1 DAZ associated protein 1, isoform CRA_a	0.7112	1.2942
Dbn1 Isoform A of Drebrin	0.9817	1.0186
Dbnl Isoform 4 of Drebrin-like protein	1.0666	0.7586
Dci Dodecenoyl-coenzyme A delta isomerase	1.3183	1.3932
Dctn1 Dynactin subunit 1	1.0864	1.0666
Dctn2 Dynactin subunit 2	0.929	0.7447
Dctn3 RCG55152, isoform CRA_a	0.7047	1.0093
Ddah1 N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	1	0.9817
Ddah2 N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	0.9638	1.0965
Ddb1 DNA damage-binding protein 1	0.5012	1.0568
Ddc Aromatic L-amino acid decarboxylase	0.4406	0.8551
Ddost Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	4.0926	1.028
Ddt D-dopachrome decarboxylase	0.8395	0.8166
Ddx1 ATP-dependent RNA helicase DDX1	0.8318	1.0186
Ddx17 DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	0.8472	0.8872
Ddx3x Putative uncharacterized protein Ddx3x	1.1066	1.1482
Ddx5 Ddx5	1.2134	1.0568
DEAH (Asp-Glu-Ala-His) box polypeptide 29	1.1482	1.0965
Dgkb Diacylglycerol kinase beta	1.2942	0.8954
Dgkb Protein	3.5318	0.9638
Dgkz Putative uncharacterized protein Dgkz	0.9908	1.1169
Dhx15 Putative uncharacterized protein Dhx15	0.9817	0.9462
Dhx9 Putative uncharacterized protein Dhx9	0.52	1.2942
Dip2b DIP2 disco-interacting protein 2 homolog B-like	0.8395	0.8872
Diras2 Putative uncharacterized protein Diras2	0.6668	1.2359
Dlat similar to dihydrolipoamide S-acetyltransferase	1.2706	1.0568
Dld Dihydrolipoyl dehydrogenase, mitochondrial	1	1.0666
Dlg1 Disks large homolog 1	0.3342	1.0666
Dlg2 Putative uncharacterized protein Dlg2	0.9036	1
Dlg3 Putative uncharacterized protein Dlg3	0.8318	0.8395
Dlg4 77 kDa protein	1.8707	0.9817
Dlgap3 Isoform 2 of Disks large-associated protein 3	1.406	1.0568
Dlst Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex,	1.0965	0.7727
Dmxl2 338 kDa protein	1.5849	0.6081
Dnah12 Dynein heavy chain 12, axonemal	1.1803	1.1588
Dnaja2 DnaJ (Hsp40) homolog, subfamily A, member 2	0.8395	1.1272
Dnaja3 TID1	1.2359	1.0471
Dnaja4 DnaJ (Hsp40) homolog, subfamily A, member 4	2.1878	1.1803
Dnajc11 DnaJ (Hsp40) homolog, subfamily C, member 11	0.8551	1.1376
Dnajc5 DnaJ homolog subfamily C member 5	0.912	1.0375
Dnajc6 Putative uncharacterized protein Dnajc6	2.0324	0.7943
Dnm1 Isoform 1 of Dynamin-1	1.4454	1.1169
Dnm1l Putative uncharacterized protein ENSRNOP00000063869	1.3677	0.9036
Dnm2 Isoform 4 of Dynamin-2	1.4997	1.2246
Dnm3 Isoform 6 of Dynamin-3	4.9659	0.787
Dnpep Aspartyl aminopeptidase	1.406	1.2823
Dock3 Putative uncharacterized protein Dock3	0.7798	1.1912
Dock6 Putative uncharacterized protein Dock6	2.2284	0.413
Dos Downstream of Stk11	1.0186	1.0186
Dpp10 DPPY splice variant c	2.1878	0.6486
Dpp3 Dipeptidyl peptidase 3	0.8166	0.8318
Dpp6 Isoform DPPX-L of Dipeptidyl aminopeptidase-like protein 6	1.9231	1.0864
Dpysl2 Dihydropyrimidinase-related protein 2	0.4786	0.955
Dpysl3 Isoform 2 of Dihydropyrimidinase-related protein 3	1.0093	0.7447
Dpysl4 dihydropyrimidinase-related protein 4	1.2134	0.9036
Dpysl5 Dihydropyrimidinase-related protein 5	1.2246	1.0093
Dstn Destrin	1.0471	1
Dtd1 Putative uncharacterized protein Dtd1	0.8395	1.0765
Dusp3 dual specificity phosphatase 3	1.2023	1.6144

Dync1h1 Cytoplasmic dynein 1 heavy chain 1	2.5586	1.3062
Dync1i1 Putative uncharacterized protein Dync1i1	0.929	0.871
Dync1i2 Dynein, cytoplasmic, intermediate chain 2, isoform CRA_b	0.6486	1.3062
Dync1li1 Cytoplasmic dynein 1 light intermediate chain 1	0.9462	0.9727
dynein light chain 1-like	0.787	1.2474
Dynll1 Dynein light chain 1, cytoplasmic	0.8091	0.9462
Echs1 Enoyl-CoA hydratase, mitochondrial	0.9727	0.6252
Edc4 LRRG00115	0.8395	0.9036
Eef1a1 Elongation factor 1-alpha 1	2.884	1.3305
Eef1a2 Elongation factor 1-alpha 2	1.6596	1.1482
Eef1b2 Eukaryotic translation elongation factor 1 beta 2	0.9908	0.955
Eef1d Isoform 2 of Elongation factor 1-delta	1.6749	0.4875
Eef1g Elongation factor 1-gamma	0.9204	0.955
Eef2 Elongation factor 2	0.9727	1.0666
Efhd2 EF-hand domain-containing protein D2	1.0375	2.5823
Ehd1 EH domain-containing protein 1	0.929	0.8954
Ehd3 EH domain-containing protein 3	1.8365	0.8017
Eif2b4 Translation initiation factor eIF-2B subunit delta	1.0568	0.9036
Eif2c2 eukaryotic translation initiation factor 2C, 2	0.9376	0.7311
Eif2s3y eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked	0.7727	0.8472
Eif3g Eukaryotic translation initiation factor 3 subunit G	1.6596	0.9638
Eif3s10 Eif3s10_predicted protein	0.157	0.492
Eif3s9 Putative uncharacterized protein Eif3s9	0.8472	0.9462
Eif4a1 Eukaryotic translation initiation factor 4A1	1.4191	0.955
Eif4a2 Eukaryotic initiation factor 4A-II	1.0186	1
Eif4a3 Eukaryotic initiation factor 4A-III	1.803	0.6026
Eif4e 25 kDa protein	3.1623	0.9462
Eif4h Eukaryotic translation initiation factor 4H	1.0568	1
Eif5a Eukaryotic translation initiation factor 5A-1	1.0471	0.9727
Elavl3 HuC	0.8091	1.1695
elongin C-like	0.8395	1.1588
Elp2 Elongator complex protein 2	1.0864	0.6194
Enah Putative uncharacterized protein Enah	1.0765	0.8551
Eno1-ps1 enolase 3	0.8091	1.1169
Eno2 Gamma-enolase	1.0186	0.8472
Enoph1 Enolase-phosphatase E1	1.6596	1.4859
Enpp6 Ectonucleotide pyrophosphatase/phosphodiesterase family member 6	0.9908	1.0666
Epb4.1l1 Putative uncharacterized protein Epb4.1l1	2.5119	1.0765
Epb4.1l2 Putative uncharacterized protein ENSRNOP00000058049	2.355	1.0093
Epb4.1l3 Type II brain 4.1	1.9953	1.1588
Epb4.1l4b erythrocyte protein band 4.1-like 4b	1.2589	1.2359
Epb4.9 45 kDa protein	1.8707	1.3552
Epha4 Eph receptor A4	2.5823	0.5916
Epm2aip1 EPM2A (laforin) interacting protein 1 isoform 2	2.2491	1.028
Epn1 Epsin-1	1.2246	1.0471
Eprs 170 kDa protein	1.0965	0.871
Erc2 Isoform 1 of ERC protein 2	0.8954	1.0375
Ermn Isoform 2 of Ermin	7.8705	1.0864
Esd S-formylglutathione hydrolase	1.3305	1.1803
Etfa Electron transfer flavoprotein subunit alpha, mitochondrial	1.0765	1.0765
Etfb Electron transfer flavoprotein subunit beta	0.6982	0.8954
Etfdh Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	1.2823	0.863
Ethe1 Ethylmalonic encephalopathy 1	0.7727	0.7727
Exoc3 Exocyst complex component 3	1.3552	0.5649
Exoc4 Exocyst complex component 4	1.4859	1.7219
Exoc5 Exocyst complex component 5	0.6252	0.8017
Exoc7 Putative uncharacterized protein Exoc7	1.1272	1
Exoc8 Exocyst complex component 8	0.631	1.0568
Exog Putative uncharacterized protein Exog	1.0093	0.9462
Ezr 69 kDa protein	0.879	1.2589
Fabp3 Fatty acid-binding protein, heart	0.631	0.9036
Fabp5 Fatty acid-binding protein, epidermal	1.2246	0.929
Fabp7 Fatty acid-binding protein, brain	1.0375	1.1912
Fahd1 Fumarylacetoacetate hydrolase domain-containing protein 1	1.7865	1.4454
Fahd2a Fumarylacetoacetate hydrolase domain-containing protein 2	1.4588	0.5152
Fam120a Putative uncharacterized protein Fam120a	1.2589	1.1588
Fam126b Putative uncharacterized protein Fam126b	0.9036	0.8472
Fam134a Protein FAM134A	0.6252	1.2706
Fam148c RCG29198	1.0186	0.7727
Fam49a Putative uncharacterized protein RGD1305961_predicted	1.1588	1.0568
Fam49b Similar to 0910001A06Rik protein (Predicted), isoform CRA_a	1.2023	1.1588
Farsb Phenylalanyl-tRNA synthetase, beta subunit	1.1695	0.9908
Fasn Fatty acid synthase	0.8017	0.8954
Fbxl16 F-box/LRR-repeat protein 16	0.912	1.0093
Fbxo44 32 kDa protein	1.0666	1.4588
Fech Putative uncharacterized protein Fech	0.6252	0.7656
Fgf12 Isoform 1 of Fibroblast growth factor 12	0.7112	1.0471
Fgg Isoform Gamma-A of Fibrinogen gamma chain	1.5276	0.9817
Fggy FGGY carbohydrate kinase domain containing	1.1695	0.871
Fh1 Fumarate hydratase 1	2.3335	1.4454
Fkbp1a Peptidyl-prolyl cis-trans isomerase FKBP1A	0.8954	0.929
Fkbp4 Peptidyl-prolyl cis-trans isomerase FKBP4	1.028	0.9727
Flot1 Isoform 1 of Flotillin-1	1.5849	0.9638
Flot2 Flot2 protein	1.1695	0.879
Fn3k Putative uncharacterized protein Fn3k	0.8551	0.6982
Fnbp1 Isoform 3 of Formin-binding protein 1	0.6368	1.2589
Folh1 Glutamate carboxypeptidase 2	0.7798	1.2589
Fsd1 Similar to fibronectin type 3 and SPRY domain-containing protein, isoform CRA_a	0.3837	1.3552
G6pd Glucose-6-phosphate 1-dehydrogenase	1.2589	1.2589
Gaa Lysosomal alpha-glucosidase	1.1912	1.1169
Gabbr1 Isoform 1A of Gamma-aminobutyric acid type B receptor subunit 1	1.0666	1.028

Gabra5 Gamma-aminobutyric acid receptor subunit alpha-5	1.0093	1.3804
Gabrb3 Gamma-aminobutyric acid receptor subunit beta-3	1.3305	1.0864
Gad1 Glutamate decarboxylase 1	1.4191	1.1912
Gad2 Glutamate decarboxylase 2	1.1803	0.9462
Gak Putative uncharacterized protein Gak	1.1376	1
Ganab Putative uncharacterized protein Ganab	1.1066	1.028
Gap43 Neuromodulin	15.7036	1.2589
Gars glycyl-tRNA synthetase	1	0.8017
Gas7 Growth arrest-specific protein 7	1.2023	0.7656
Gbas Glioblastoma amplified sequence	1.7539	0.9908
Gcs1 Mannosyl-oligosaccharide glucosidase	0.8551	0.8017
Gda Guanine deaminase	0.4487	0.7311
Gdap1 Putative uncharacterized protein Gdap1	1.4322	1.0666
Gdap1l1 Gdap1l1 protein	0.929	1.0666
Gdi1 Rab GDP dissociation inhibitor alpha	2.0893	1.4997
Gdi2 Rab GDP dissociation inhibitor beta	0.7047	1.0186
Gdpd1 Glycerophosphodiester phosphodiesterase domain-containing protein 1	0.6792	1.0965
GF20391-like isoform 1	1.0375	1.1912
Gfap 50 kDa protein	1.556	1.3804
Gga3 Putative uncharacterized protein Gga3	0.912	0.9462
Ggt7 Gamma-glutamyltransferase 7	1.2134	0.9462
Gipc1 PDZ domain-containing protein GIPC1	0.8017	0.912
Git1 82 kDa protein	0.8318	0.9638
Gja1 Gap junction alpha-1 protein	1.2246	0.9204
Gk Glycerol kinase	1.4454	1.1803
Glo1 Lactoylglutathione lyase	3.4674	1.2246
Glod4 Glyoxalase domain-containing protein 4	6.3096	0.8472
Gls Glutaminase kidney isoform, mitochondrial	2.1878	1.8197
Glud1 Glutamate dehydrogenase 1, mitochondrial	1.4454	1.1376
Glul Glutamine synthetase	0.8318	1.0666
Gmds GDP-mannose 4, 6-dehydratase	0.9908	1.0471
Gmfb Glia maturation factor beta	1.1272	0.7311
Gmpr2 38 kDa protein	0.5916	0.7943
Gmps GMP synthase [glutamine-hydrolyzing]	0.5702	0.7244
Gna11 Guanine nucleotide-binding protein subunit alpha-11	3.8726	0.8017
Gna13 Guanine nucleotide binding protein alpha 13	1.028	0.8318
Gnai1 Guanine nucleotide-binding protein G(i) subunit alpha-1	0.8017	1.2706
Gnai2 Guanine nucleotide-binding protein G(i) subunit alpha-2	0.6138	0.7656
Gnal Putative uncharacterized protein Gnal	0.9638	0.955
Gnao1 Isoform Alpha-1 of Guanine nucleotide-binding protein G(o) subunit alpha	1.5136	1.1588
Gnaq Guanine nucleotide-binding protein G(q) subunit alpha	0.7516	0.929
Gnaz Guanine nucleotide-binding protein G(z) subunit alpha	1	1.1695
Gnb1 Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	0.3076	1.2359
Gnb2 Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	0.3945	0.8395
Gnb2l1 Guanine nucleotide-binding protein subunit beta-2-like 1	1.0765	1
Gnb4 Guanine nucleotide-binding protein subunit beta-4	0.4656	1.2246
Gnb5 Guanine nucleotide-binding protein subunit beta-5	1.977	0.8954
Gng10 guanine nucleotide binding protein (G protein), gamma 10	0.912	1.0864
Gng12 guanine nucleotide binding protein (G protein), gamma 12	0.7727	1.1803
Gng2 guanine nucleotide binding protein (G protein), gamma 2 isoform 1	0.597	1.1482
Gng4 guanine nucleotide binding protein (G protein), gamma 4 subunit	1	0.7047
Gng7 guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7	0.8872	0.955
Gnl1 Guanine nucleotide-binding protein-like 1	1.2134	0.7586
Gnpda1 RCG49489, isoform CRA_a	1.0864	0.871
Gns similar to glucosamine (N-acetyl)-6-sulfatase	1.4191	0.8551
Got1 Aspartate aminotransferase, cytoplasmic	2.6303	0.8166
Got2 Aspartate aminotransferase, mitochondrial	1.6444	1.2706
Gp1bb Septin 5, isoform CRA_d	1.3428	0.8241
Gpc1 Glypican-1	1.0666	0.8395
Gpd1 Glycerol-3-phosphate dehydrogenase [NAD+], cytoplasmic	0.6918	1.2942
Gpd2 Glycerol-3-phosphate dehydrogenase, mitochondrial	1.1169	1.0471
Gphn Isoform 3 of Gephyrin	0.7178	1.2706
Gpi Glucose-6-phosphate isomerase	2.1281	1.028
Gpm6a Glycoprotein m6a	1.1803	1.0186
Gpm6b RCG49687, isoform CRA_c	1.3062	1.3305
Gpr158 G protein-coupled receptor 158	1.0864	0.955
Gprin1 hypothetical protein	0.6368	0.9908
Gps1 COP9 signalosome complex subunit 1	1.2823	0.8954
Gpx4 Phospholipid hydroperoxide glutathione peroxidase, nuclear	0.9036	1.1272
Grb2 Isoform 2 of Growth factor receptor-bound protein 2	0.8166	1.0375
Gria2 Isoform 3 of Glutamate receptor 2	1.0186	1
Grin1 Isoform B of Glutamate [NMDA] receptor subunit zeta-1	0.7112	0.8954
Grin2b Glutamate [NMDA] receptor subunit epsilon-2	0.8395	1.1376
Gripap1 Putative uncharacterized protein Gripap1	0.7379	0.8872
Grlf1 Putative uncharacterized protein Grlf1	1.028	1.1803
Grm2 Metabotropic glutamate receptor 2	2.466	0.955
Grm5 Isoform 2 of Metabotropic glutamate receptor 5	0.9908	0.9376
Grm7 Metabotropic glutamate receptor 7	1.028	0.9036
Grpel1 GrpE protein homolog 1, mitochondrial	1.1912	1.2823
Gsk3a Glycogen synthase kinase-3 alpha	1.9055	0.8241
Gsk3b Glycogen synthase kinase-3 beta	3.0761	0.863
Gsn Isoform 1 of Gelsolin	1.0093	1.0375
Gspt1 G1 to S phase transition 1	0.9638	1.5996
Gsr 49 kDa protein	0.9908	1.0765
Gsta1;Gsta2;Gsta3 Glutathione S-transferase (Fragment)	1.0765	0.912
Gsta1;Gsta2;Gsta3 Glutathione S-transferase alpha-5	1.0471	0.8551
Gstm1 Glutathione S-transferase Mu 1	0.9908	0.9376
Gstm5 Glutathione S-transferase Mu 5	1.2023	1.0093
Gstm7 Glutathione S-transferase Yb-3	1.9953	0.6982
Gsto1 Putative uncharacterized protein Gsto1	0.9204	0.9376
Gstp1 Glutathione S-transferase P	0.863	1.1376

Gstt1 Putative uncharacterized protein Gstt1	0.6855	1.1066
Gstt3;Gstt1 Similar to Glutathione S-transferase, theta 3	0.7516	0.9376
Gstz1 RCG20683, isoform CRA_b	0.8395	0.8017
Gucy1a3 Guanylate cyclase soluble subunit alpha-3	0.8872	1.0864
Gucy1b3 Putative uncharacterized protein Gucy1b3	0.7516	0.871
H1f0 Histone H1.0	0.7943	0.929
H2afy Isoform 1 of Core histone macro-H2A.1	0.3532	1.1803
Habp4 Hyaluronic acid binding protein 4	0.8954	1.0666
Hadha Trifunctional enzyme subunit alpha, mitochondrial	1.0864	0.787
Hadhb Trifunctional enzyme subunit beta, mitochondrial	0.8472	0.8166
Hagh Isoform 1 of Hydroxyacylglutathione hydrolase, mitochondrial	1.1803	0.8395
Hap1 Isoform A of Huntingtin-associated protein 1	0.9727	1.0093
Hapln1 Isoform Long of Hyaluronan and proteoglycan link protein 1	4.1305	0.871
Haus1 Coiled-coil domain containing 5	0.9036	1.0375
Hba-a2 Hemoglobin subunit alpha-1/2	1.1169	1.4859
Hbb;LOC689064;LOC100134871;MGC72973 Hemoglobin subunit beta-2	2.3335	3.5318
Hbxip Putative uncharacterized protein Hbxip	0.5297	1.2706
Hdgfrp3 Hepatoma-derived growth factor-related protein 3	1.977	0.6982
Hdhd2 LRRG00122	0.631	1.028
Hdlbp Vigilin	1.0765	1.0864
heat shock cognate 71 kDa protein-like	3.8371	1.4322
Hebp1 Heme binding protein 1 (Predicted), isoform CRA_a	1.0186	0.9727
heme oxygenase (decycling) 2	0.879	0.8091
Hibadh 3-hydroxyisobutyrate dehydrogenase, mitochondrial	0.7656	0.955
Hibch Isoform 1 of 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial	1.3428	1.0568
Hint2 histidine triad nucleotide binding protein 2	1.6596	1.1695
Hip1 huntingtin interacting protein 1	0.9638	0.9036
Hip1r huntingtin interacting protein 1 related isoform 1	0.6668	1.1695
Hist1h1d Histone H1.2	1.1803	1.0965
Hist1h2ai histone cluster 1, H2ae-like	1.0186	0.9817
Hist3h2bb;LOC687023 histone cluster 3, H2bb	0.5861	1.1482
Hk1 Hexokinase-1	2.355	0.6427
Hmgcl Hydroxymethylglutaryl-CoA lyase, mitochondrial	1.2942	0.9908
Hnrnpa1 RCG50547, isoform CRA_b	0.5861	1.0864
Hnrnpa2b1 Isoform A2 of Heterogeneous nuclear ribonucleoproteins A2/B1	1.4723	1.028
Hnrnpab Nucleic acid binding factor pRM10	0.52	0.8551
Hnrnph2 Heterogeneous nuclear ribonucleoprotein H2	1.1588	1.0471
Hnrnph3 Putative uncharacterized protein Hnrnph3	3.1046	0.9908
Hnrnpk Heterogeneous nuclear ribonucleoprotein K	1.0471	0.929
Hnrnpl heterogeneous nuclear ribonucleoprotein L isoform a	1.5417	0.7112
Hnrnpr Heterogeneous nuclear ribonucleoprotein R	0.6252	1.3183
Hnrnpu SP120	1.1272	1.3183
Hnrnpul2 Putative uncharacterized protein Hnrnpul2	2.2284	1.3932
Hnrpd Isoform 4 of Heterogeneous nuclear ribonucleoprotein D0	0.9817	0.9204
Hnrpdl Heterogeneous nuclear ribonucleoprotein D-like	0.8166	0.9817
Hnrpm Isoform 1 of Heterogeneous nuclear ribonucleoprotein M	0.2679	0.673
Homer1 Isoform 1 of Homer protein homolog 1	1.1066	0.9376
Hp1bp3 Heterochromatin protein 1-binding protein 3	0.8241	0.8872
Hpca similar to Neuron-specific calcium-binding protein hippocalcin	1.888	0.955
Hpcal1 Hippocalcin-like protein 1	1.4859	0.8091
Hprt1 Hypoxanthine-guanine phosporibosyltransferase	0.9036	0.787
Hpx Hemopexin	0.8395	1.556
Hras Harvey ras1 protein	0.879	0.912
Hsd17b10 3-hydroxyacyl-CoA dehydrogenase type-2	0.8318	0.8954
Hsdl1 Inactive hydroxysteroid dehydrogenase-like protein 1	0.929	1.0186
Hsp90aa1 Heat shock protein HSP 90-alpha	2.466	0.9817
Hsp90ab1 Heat shock protein HSP 90-beta	1.0666	0.5808
Hspa12a Putative uncharacterized protein Hspa12a	1.028	1.1803
Hspa4 Heat shock 70 kDa protein 4	4.0551	1.0568
Hspa4l Hspa4l protein	1.1066	0.955
Hspa5 78 kDa glucose-regulated protein	1.3804	0.9727
Hspa9 Stress-70 protein, mitochondrial	0.9376	0.9908
Hspc159 galectin-related protein	1.1588	0.912
Hspd1 60 kDa heat shock protein, mitochondrial	1.6596	0.8166
Hspe1 10 kDa heat shock protein, mitochondrial	4.8306	0.9204
Hsph1 Heat shock protein 105 kDa	2.8314	0.7586
Htt Huntingtin	1.1482	1.0375
Hyou1 hypoxia up-regulated protein 1	8.1658	1.2706
Icam5 intercellular adhesion molecule 5, telencephalin	1.1482	0.4613
Ict1 Putative uncharacterized protein Ict1	0.7798	1.1588
Idh1 47 kDa protein	0.7586	1.0666
Idh2 Isocitrate dehydrogenase [NADP], mitochondrial	1.2706	1.0864
Idh3a Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	1.1588	0.871
Idh3B Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial	1.3552	1.1803
Idh3g Isocitrate dehydrogenase 3 (NAD), gamma	1.3305	1.0093
Igsf8 Putative uncharacterized protein Igsf8	0.787	0.8954
Ilf3 Isoform 2 of Interleukin enhancer-binding factor 3	1.2246	1.0093
Immt Putative uncharacterized protein Immt	1.5417	0.787
Impa1 Inositol monophosphatase 1	1.2589	0.5861
Impact Protein IMPACT	1.5849	0.7047
Ina Alpha-internexin	1.1169	1.4454
Inpp4a Putative uncharacterized protein Inpp4a	0.5058	1.0666
Ipo7 Putative uncharacterized protein Ipo7	1.0186	1.2246
Isyna1 Inositol-3-phosphate synthase 1	1.3305	1.4588
Itih3 Putative uncharacterized protein Itih3	0.3251	13.4276
Itpa Putative uncharacterized protein Itpa	5.8614	1.028
Itpka Inositol-trisphosphate 3-kinase A	1.0471	0.929
Itpr1 Itpr1 protein	3.767	0.6792
Ivd Isovaleryl-CoA dehydrogenase, mitochondrial	0.7447	0.8241
Kab Putative uncharacterized protein ENSRNOP00000005532	0.6607	1.2359
Kbtbd11 Similar to mKIAA0711 protein	1.5704	1.0186

Kcna2 Potassium voltage-gated channel subfamily A member 2	0.8954	1.0864
Kcna6 Potassium voltage-gated channel subfamily A member 6	1.3305	1.2823
Kcnab2 Voltage-gated potassium channel subunit beta-2	0.929	2.466
Kcnd2 Potassium voltage-gated channel subfamily D member 2	1.0864	0.8872
Kcnj10 ATP-sensitive inward rectifier potassium channel 10	1.556	0.9817
Kctd12 potassium channel tetramerisation domain containing 12	1.0186	0.9204
Kctd4 RCG37047	0.7047	0.7727
Kctd8 Potassium channel tetramerization domain containing 8	1.3062	0.955
Khdrbs1 KH domain-containing, RNA-binding, signal transduction-associated protein 1	0.9036	1.0666
Khsrp Far upstream element-binding protein 2	1.0864	0.9727
Kif1a kinesin family member 1A isoform 3	1.4723	1.8535
Kif21a Putative uncharacterized protein Kif21a	1.1066	1
Kif2a similar to Kinesin-like protein KIF2	1.1803	1.0965
Kif5c kinesin heavy chain isoform 5C	1.0864	0.912
Klc2 Putative uncharacterized protein Klc2	0.9817	1.0093
Kpnb1 Importin subunit beta-1	0.9462	1.0093
Kras Isoform 2B of GTPase KRas	0.8472	1.3428
Krt14 Putative uncharacterized protein Krt14	0.7311	1.0965
L1cam 141 kDa protein	1.7865	0.9638
L2hgdh Putative uncharacterized protein L2hgdh	0.871	1.0186
Lactb Putative uncharacterized protein Lactb	1.1272	0.5598
Lamb2 Laminin subunit beta-2	1.0375	0.9205
Lancl1 LanC-like protein 1	1.0471	0.8872
Lancl2 LanC lantibiotic synthetase component C-like 2	1.9231	1.0864
Lap3 Isoform 2 of Cytosol aminopeptidase	0.8091	1.0093
Lasp1 LIM and SH3 domain protein 1	1.2023	0.912
Lcmt1 Leucine carboxyl methyltransferase 1	0.8166	1.0864
Ldha L-lactate dehydrogenase A chain	1.0093	1.0186
Ldhb L-lactate dehydrogenase B chain	2.704	1.3804
Leng4 Leng4 protein	0.8091	0.787
Letm1 LETM1 and EF-hand domain-containing protein 1, mitochondrial	4.8753	1.3804
leucine-rich glioma-inactivated protein 1-like	1.3677	0.8551
Lin7a Isoform 1 of Protein lin-7 homolog A	1.9409	1.0568
Lingo1 leucine rich repeat and Ig domain containing 1	1.0186	1
Lmna Lamin-A	0.6252	0.8241
Lmnb1 Lamin-B1	1.028	0.9376
Lmnb2 Putative uncharacterized protein Lmnb2	0.3373	0.871
Lmo7 LMO7a	1.2134	1.0186
LOC287167 Alpha globin	1.0375	0.9638
LOC297568;Mug1 Alpha-1-inhibitor 3	2.2284	1.3428
LOC307347 Da1-6	5.8076	1.3932
LOC316460 Putative uncharacterized protein ENSRNOP00000035988	1.0471	0.9462
LOC360570 227 kDa protein	0.955	1.4454
LOC362855 UPF0027 protein C22orf28 homolog	0.5808	0.8551
LOC501546 LOC501546 protein	0.7586	1.0568
LOC502111 similar to 60S ribosomal protein L27a	0.6668	0.8318
LOC679221 Microtubule-associated protein RP/EB family member 2	0.929	1.1066
LOC679739;LOC692052 RCG41951, isoform CRA_a	0.8954	1.1272
LOC679934 RCG56448, isoform CRA_a	0.955	1.0375
LOC680835 similar to cullin 7 isoform 1	1.2823	1
LOC680988 ribosomal protein S12-like	1.028	0.9638
LOC681252;Marcks Myristoylated alanine-rich C-kinase substrate	1.0471	1.4454
LOC681410 heterogeneous nuclear ribonucleoprotein A0	1.0093	1.1588
LOC681996 RCG20659, isoform CRA_b	1.3804	0.955
LOC682005;Gapdh;LOC685186 Glyceraldehyde-3-phosphate dehydrogenase	1.7378	1.1695
LOC682908 RCG31301, isoform CRA_a	0.4246	0.7178
LOC682937 WAS protein family, member 3-like	1	0.9908
LOC682967 rCG20581-like	0.9462	0.871
LOC683238 similar to Diphosphoinositol polyphosphate phosphohydrolase 3 alpha	1	0.8551
LOC683655 similar to ADAM 22 precursor	0.7656	1.1588
LOC683788 Fascin	1.4191	0.9638
LOC684097 Sorting nexin-3	1.2706	1.0093
LOC684112 similar to KIAA0999 protein	1.5136	0.9638
LOC684270 isochorismatase domain containing 2-like isoform 2	1.8707	0.492
LOC684352 Ptk9l protein	0.9204	0.7586
LOC684558 regulator of nonsense transcripts 1-like	1.2474	0.8551
LOC684681 histone cluster 1, H1c-like	0.8241	1.1912
LOC684800 stromal membrane-associated GTPase-activating protein 1-like isoform 2	1.0186	0.9204
LOC684969 actin, gamma 1 propeptide-like	3.4995	1.0864
LOC684988;Rps13 40S ribosomal protein S13	0.3908	0.6026
LOC685179 SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c2-like	0.9638	0.929
LOC685244 IQ motif and Sec7 domain 2 isoform1-like isoform 2	0.6026	1.0093
LOC685322 ubiquinol-cytochrome c reductase complex 7.2kDa protein	2.729	0.955
LOC685909 similar to H2A histone family, member V isoform 1	1.0666	1.0965
LOC686205 cDNA sequence BC049762-like	1.1482	1.2023
LOC686590 similar to IQ motif and Sec7 domain 1 isoform 3	0.4656	0.9036
LOC686617 similar to CG9590-PA	1.0471	0.787
LOC687056 LOC687056 protein	1.0965	0.9727
LOC687090 Tumor protein p63-regulated gene 1-like protein	1.4322	0.8241
LOC687295 tiny tim 50-like isoform 2	0.6607	0.8395
LOC687570 similar to phosphoribosylformylglycinamidine synthase	1.0568	0.8017
LOC687571 similar to cytochrome c oxidase, subunit VIb polypeptide 1	5.9156	1.028
LOC687705 similar to misshapen-like kinase 1 isoform 1 isoform 2	5.8076	1.0666
LOC687711 small nuclear ribonucleoprotein polypeptide D3-like	0.8166	0.9638
LOC688146 radical S-adenosyl methionine domain containing 1-like	0.6546	1.4191
LOC688570 protein tyrosine phosphatase-like A domain containing 1	1.3428	0.8017
LOC688717 RCG20695, isoform CRA_b	1.2246	0.871
LOC689074 Putative uncharacterized protein ENSRNOP00000001305	1.7865	0.4571
LOC690171 histone H3.3B-like	1.3552	1.0375
LOC690675;LOC684936 Putative uncharacterized protein ENSRNOP00000047596	2.3988	1.2246
LOC690941 similar to ribosomal protein L24	1.3804	0.9204

LOC691397 PI-3-kinase-related kinase SMG-1	1.1803	0.2754
LOC691427 RCG63717	1.2589	1.1376
LOC691429 hypothetical protein LOC691429	0.8241	0.9727
LOC691770 Putative uncharacterized protein LOC691770	1.1695	0.871
Lonp1 Lon protease homolog, mitochondrial	1.7378	0.7656
Lpcat1 Lysophosphatidylcholine acyltransferase 1	1	0.9204
Lphn1 Putative uncharacterized protein Lphn1	1.028	1.0093
Lppr4 Lipid phosphate phosphatase-related protein type 4	1.0864	0.9462
Lrfn1 Leucine-rich repeat and fibronectin type III domain-containing protein 1	1.0093	1.0093
Lrp1 low density lipoprotein receptor-related protein 1	1.977	0.597
Lrpap1 Alpha-2-macroglobulin receptor-associated protein	0.6252	0.9638
Lrpprc Leucine-rich PPR motif-containing protein, mitochondrial	0.6982	0.7656
Lrrc7 Isoform 4 of Leucine-rich repeat-containing protein 7	1.2589	0.929
LRRGT00046	1.2359	1.2589
Lsamp Isoform 2 of Limbic system-associated membrane protein	1.3183	0.8872
Lsm8 LSM8 homolog, U6 small nuclear RNA associated	0.6194	0.955
Lta4h Leukotriene A4 hydrolase	5.5976	1.2359
Luc7l2 LUC7-like 2	0.7586	1.803
Ly6h lymphocyte antigen 6 complex, locus H	1.2246	0.8551
Lypla2 Acyl-protein thioesterase 2	0.8872	0.929
M2 pyruvate kinase-like isoform 1	1.8365	0.8318
M6pr Cation-dependent mannose-6-phosphate receptor	1.2359	1.888
Macf1 Putative uncharacterized protein Macf1	0.9376	0.912
Madd Putative uncharacterized protein Madd	0.929	1.0186
Mag Isoform S-MAG of Myelin-associated glycoprotein	2.0893	0.8017
Magi2 Isoform 1 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2	0.6081	0.9204
Maoa monoamine oxidase A	1.2023	0.8954
Maob Amine oxidase [flavin-containing] B	0.9462	1.0186
Map1a Putative uncharacterized protein Map1a	1.5704	0.8472
Map1b microtubule-associated protein 1B	1.556	1.0471
Map1lc3a Microtubule-associated proteins 1A/1B light chain 3A	0.8091	1.0864
Map1lc3b Zbs559	0.7112	1.0666
Map1s Microtubule-associated protein 1S	0.9036	1.0471
Map2 Putative uncharacterized protein Map2	1.0093	0.912
Map2k1 Dual specificity mitogen-activated protein kinase kinase 1	1.7701	0.597
Map2k2 Dual specificity mitogen-activated protein kinase kinase 2	0.929	0.879
Map2k4 Dual specificity mitogen-activated protein kinase kinase 4	1.2589	1.028
Map4 Putative uncharacterized protein Map4	0.8395	1
Map4 Putative uncharacterized protein Map4	1.0864	1.7539
Map6 Isoform 1 of Microtubule-associated protein 6	2.1878	1.2474
Mapk1 Mitogen-activated protein kinase 1	1.1169	0.6668
Mapk3 Isoform 2 of Mitogen-activated protein kinase 3	1.556	0.9908
Mapre1 Microtubule-associated protein RP/EB family member 1	1.1695	1.3932
Mapre3 Microtubule-associated protein RP/EB family member 3	0.8954	1
Mapt Putative uncharacterized protein Mapt	1.1803	1.0965
Mark1 Serine/threonine-protein kinase MARK1	4.8753	1.3677
Mark2 Putative uncharacterized protein ENSRNOP00000028765	0.879	0.879
Mars methionyl-tRNA synthetase	6.368	0.5546
Matr3 Matrin-3	1.6293	1.4723
Mblac2 Similar to metallo-beta-lactamase superfamily protein like	1.6596	1.0568
Mbp Isoform 1 of Myelin basic protein S	0.9036	1.1376
Mcart2 Putative uncharacterized protein Mcart2	0.8166	0.9462
Mccc1 Putative uncharacterized protein Mccc1	2.1677	0.9638
Mccc2 Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	0.7943	0.6918
Mcee Putative uncharacterized protein Mcee	0.8318	0.9908
Mcts2 similar to malignant T cell amplified sequence 1	0.7379	0.6081
Mdh1 Malate dehydrogenase, cytoplasmic	0.8318	2.0701
Mdh2 Malate dehydrogenase, mitochondrial	3.8371	1.0864
Me3 mitochondrial malic enzyme 3	1.1695	1.028
Mect1 CREB regulated transcription coactivator 1	1	1.4588
Med1 Similar to peroxisome proliferator-activated receptor binding protein (Predicted), isoform CRA_b	0.955	1.1482
Mettl7a Methyltransferase like 7A	1.6144	0.7178
Mfn2 Mitofusin 2	1.4191	0.9376
MGC72973 Zero beta-1 globin	1.5136	1.406
Mgea5 107 kDa protein	0.879	0.871
Mgll Putative uncharacterized protein Mgll	0.6194	0.673
Mgst3 RCG46430	0.6486	0.879
Mif Macrophage migration inhibitory factor	1.2589	1.3305
Mllt4 Isoform 1 of Afadin	2.355	0.7447
Mlycd Isoform Cytoplasmic+peroxisomal of Malonyl-CoA decarboxylase, mitochondrial	0.8017	1.0765
Mobkl3 Mps one binder kinase activator-like 3	0.9727	1.1588
Mobp Isoform 2 of Myelin-associated oligodendrocyte basic protein	0.5649	0.912
Mog myelin-oligodendrocyte glycoprotein precursor	1.556	0.871
Mon2 Putative uncharacterized protein Mon2	2.0512	0.7112
Mosc2 Putative uncharacterized protein ENSRNOP00000062267	1.0375	0.955
Mpp2 Putative uncharacterized protein Mpp2	0.929	1.028
Mpp3 42 kDa protein	1.1169	0.955
Mpp6 RCG52465, isoform CRA_b	0.9376	0.8954
Mpst 3-mercaptopyruvate sulfurtransferase	0.7047	0.955
Mras Muscle and microspikes RAS, isoform CRA_a	1.2589	1.028
Mri1 Methylthioribose-1-phosphate isomerase	1.0864	0.9376
Mrlc2 Myosin regulatory light chain	0.871	1.0471
Mrpl37 39S ribosomal protein L37, mitochondrial	0.787	0.787
Mrps15 28S ribosomal protein S15, mitochondrial	0.6855	0.9908
Mrps30 Putative uncharacterized protein Mrps30	1.2359	1.1169
Mt-atp8 ATP synthase F0 subunit 8	1.2589	0.9817
Mtch1 Mtch1 protein	0.6982	0.6252
Mtch2 mitochondrial carrier homolog 2	0.9462	0.955
Mt-co2 Cytochrome c oxidase subunit 2	0.8241	0.8241
Mtmr1 Putative uncharacterized protein Mtmr1	1.0375	0.9727
Mtmr6 71 kDa protein	1.6144	1.0375

Mt-nd5 NADH dehydrogenase subunit 5	0.9817	1.0765
Mtor Serine/threonine-protein kinase mTOR	1.5849	1.0965
Mtpn Myotrophin	1.1066	0.9817
Mtx1 Mtx1 protein	0.9908	0.912
Myef2 Putative uncharacterized protein Myef2	0.597	1.028
Myh10 234 kDa protein	1.8197	1.0568
Myh9 Myosin-9	0.9376	1.1066
Myl6;Myl6b myosin, light chain 6, alkali, smooth muscle and non-muscle	0.0501	0.8241
Myo1d Myosin-Id	1.6596	1.4322
Myo5a 214 kDa protein	2.1086	0.787
Nans N-acetylneuraminic acid synthase	0.4786	0.9462
Nap1l1 nucleosome assembly protein 1-like 1	1.0965	1.0471
Napa Alpha-soluble NSF attachment protein	0.7943	0.8395
Napb N-ethylmaleimide-sensitive factor attachment protein, beta	0.6368	1.1272
Napg RCG46917, isoform CRA_c	0.9462	0.9817
Nars asparaginyl-tRNA synthetase isoform 1	0.871	1.0765
Ncam1 Neural cell adhesion molecule 1	0.7178	1.0965
Ncan Neurocan	1.0765	0.9638
Ncdn Neurochondrin	1.0093	1.1376
Nckap1 Nck-associated protein 1	0.6918	1.0375
Nckipsd Putative uncharacterized protein Nckipsd	0.9462	0.9204
Ncl Nucleolin	1.1588	1.0965
Ncoa5 Putative uncharacterized protein Ncoa5	1.888	1.0666
Ndrg1 Protein NDRG1	1.1482	1.0965
Ndrg2 Isoform 1 of Protein NDRG2	0.8017	1.1169
Ndrg3 Protein NDRG3	1.0666	0.863
Ndrg4 Isoform 6 of Protein NDRG4	1.0375	0.929
Ndufa1 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1	1.2023	1.1803
Ndufa10 NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial	2.1478	0.7798
Ndufa11 NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11	1.1376	0.8872
Ndufa12 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	2.9107	0.9908
Ndufa2 Putative uncharacterized protein Ndufa2	1.028	0.9727
Ndufa4 RCG28086, isoform CRA_a	1.977	1.5417
Ndufa5 NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	1.4322	0.5808
Ndufa6 Putative uncharacterized protein Ndufa6	1.0568	1.0471
Ndufa7 RCG37550, isoform CRA_a	1.5276	0.8551
Ndufa8 Putative uncharacterized protein Ndufa8	1.1912	0.9376
Ndufa9 Ndufa9 protein	1.9953	1.1803
Ndufab1 Putative uncharacterized protein Ndufab1	1.2359	0.9727
Ndufb10 RCG32945	0.955	0.8954
Ndufb11 Putative uncharacterized protein Ndufb11	1.2823	1.1272
Ndufb3 RCG22355	0.9036	1
Ndufb4 NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4	1.4997	1.4454
Ndufb5 Putative uncharacterized protein Ndufb5	1.9588	1.2023
Ndufb6 Putative uncharacterized protein Ndufb6	2.421	0.5649
Ndufb7 Putative uncharacterized protein Ndufb7	0.7943	0.7943
Ndufb9 Ndufb9 protein	3.2211	0.8472
Ndufc2 Putative uncharacterized protein Ndufc2	1.5849	0.871
Ndufs1 NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	1.2246	1.6596
Ndufs2 NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial	1.0765	1.0093
Ndufs3 Putative uncharacterized protein Ndufs3	1.9231	1.5276
Ndufs4 NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial	1.1066	0.8954
Ndufs5 NADH dehydrogenase (Ubiquinone) Fe-S protein 5	1.0093	0.9638
Ndufs7 NADH dehydrogenase (Ubiquinone) Fe-S protein 7, isoform CRA_d	0.0904	1.6144
Ndufs8 Ndufs8 protein	1.3552	1.2023
Ndufv1 NADH dehydrogenase (Ubiquinone) flavoprotein 1	1.5849	0.6607
Ndufv2 NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	1	1.2589
Ndufv3-ps1;Ndufv3 NADH-ubiquinone oxidoreductase flavoprotein 3 isoform 1	1.5276	0.9462
Nebl Putative uncharacterized protein Nebl	1.0186	1.0186
Necab1 N-terminal EF-hand calcium-binding protein 1	1.6144	1.3932
Necab2 Neuronal calcium binding protein NECAB2	1.3305	0.5346
Necap1 Adaptin ear-binding coat-associated protein 1	1.6749	0.912
Nedd4 E3 ubiquitin-protein ligase NEDD4	1.4859	0.5702
Nedd4l neural precursor cell expressed, developmentally down-regulated 4-like	0.879	0.871
Nedd8 Putative uncharacterized protein Nedd8	1.2589	1.1066
Nefh 111 kDa protein	1.2023	0.9727
Nefl Neurofilament light polypeptide	0.4656	1.5276
Nefm Neurofilament medium polypeptide	0.4571	1.2589
Negr1 Neuronal growth regulator 1	0.8017	0.8017
Nf1 317 kDa protein	0.8091	0.8954
Nfasc neurofascin isoform 4 precursor	1.4191	1
Ngef Ephexin-1	2.2284	1.0765
Nipsnap1 Putative uncharacterized protein Nipsnap1	1.4723	0.9376
Nit1 nitrilase homolog 1 isoform a	2.4434	0.787
Nit2 Omega-amidase NIT2	0.7047	1.0965
Nlgn2 Putative uncharacterized protein Nlgn2	1.1695	0.7798
Nlgn3 Isoform 3 of Neuroligin-3	0.9638	0.6081
Nlrx1 Putative uncharacterized protein Nlrx1	0.8017	1.2023
Nme1 Nucleoside diphosphate kinase A	1.0765	0.912
Nme2 Nucleoside diphosphate kinase B	1.4322	1.0093
Nnt Nicotinamide nucleotide transhydrogenase	0.7311	1.0471
Nono Non-POU domain-containing octamer-binding protein	0.8954	1.1803
Np Purine nucleoside phosphorylase	0.9376	1.0093
Npepps aminopeptidase puromycin sensitive	1.2823	0.9205
Nploc4 Nuclear protein localization protein 4 homolog	0.3436	1.0093
Npm1 Isoform B23.1 of Nucleophosmin	1.1588	1
Nptn Isoform 2 of Neuroplastin	0.9462	1.0965
Npy Neuropeptide Y	0.7311	0.9908
Nqo1 NAD(P)H dehydrogenase [quinone] 1	0.9638	0.7727
Nrcam Neuronal cell adhesion molecule long isoform Nc3	2.884	1.2942
Nrxn1 Isoform 9 of Neurexin-1-alpha	1.0093	1.0965

Nrxn3 Putative uncharacterized protein ENSRNOP00000049733	0.597	0.182
Nsf Vesicle-fusing ATPase	5.2481	0.8318
Nsfl1c Putative uncharacterized protein Nsfl1c	1.1169	0.9727
Nt5dc3 Putative uncharacterized protein Nt5dc3	0.955	0.9817
Ntm Neurotrimin	1.6293	1.2246
Ntng1 Similar to netrin G1 (Predicted), isoform CRA_c	1.1066	0.871
Ntrk3 Isoform KI25 of NT-3 growth factor receptor	1.1912	1.0186
Nucb1 Nucleobindin-1	1.1376	0.5058
nuclear ubiquitous casein and cyclin-dependent kinases substrate-like	1.028	0.9036
Nudcd3 Nudcd3 protein	1.6293	1.0864
Numb Putative uncharacterized protein ENSRNOP00000060319	1.0186	1.1482
Nup62 Nuclear pore glycoprotein p62	0.8318	1.4454
Nutf2 Nuclear transport factor 2	1.0471	0.9638
Oat Ornithine aminotransferase, mitochondrial	1.6144	1.028
Ociad1 OCIA domain-containing protein 1	21.4783	0.6546
Ogdh 2-oxoglutarate dehydrogenase, mitochondrial	4.0179	1.6749
Ogdhl Putative uncharacterized protein Ogdhl	1.1376	2.1878
Ogt UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	2.466	0.6138
Ola1 Obg-like ATPase 1	0.8166	1.2134
Olfm1 Isoform 1 of Noelin	1.0765	0.9462
Omg oligodendrocyte myelin glycoprotein	0.9727	1.0568
Opa1 Isoform 2 of Dynamin-like 120 kDa protein, mitochondrial	1.4454	0.9376
Opalin Transmembrane protein 10	1.0568	1.4997
Opcml Isoform 2 of Opioid-binding protein/cell adhesion molecule	1.1912	1.2589
Otub1 Ubiquitin thioesterase OTUB1	1.3305	1.1066
Oxct1 Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial	2.0137	1.0568
Oxr1 88 kDa protein	1.9231	1.0186
Oxsr1 Putative uncharacterized protein Oxsr1	0.9036	0.8166
P4hb Protein disulfide-isomerase	1.2023	1.5136
Pa2g4 Proliferation-associated 2G4	1.1376	1.1695
Pabpc1 Polyadenylate-binding protein 1	0.8318	1.2474
Pacs1 Isoform PACS-1a of Phosphofurin acidic cluster sorting protein 1	1.1482	0.9462
Pacsin1 Protein kinase C and casein kinase substrate in neurons protein 1	0.879	1.0375
Pacsin3 Syndapin III	0.7943	0.863
Pafah1b1 Platelet-activating factor acetylhydrolase IB subunit alpha	0.6668	1.1272
Pafah1b2 Platelet-activating factor acetylhydrolase IB subunit beta	0.5495	0.5346
Pafah1b3 Platelet-activating factor acetylhydrolase IB subunit gamma	0.4613	0.7798
Pak1 Serine/threonine-protein kinase PAK 1	1.5276	0.929
Pak3 Putative uncharacterized protein Pak3	0.7379	1.3183
Palm Putative uncharacterized protein Palm	0.8166	0.8872
Pam Isoform PAM-3B of Peptidyl-glycine alpha-amidating monooxygenase	0.863	1.0375
Parc cullin 9-like isoform 2	0.7447	1.4997
Park7 Protein DJ-1	0.5861	1.1912
Pc Pyruvate carboxylase, mitochondrial	1.406	1.0471
Pcbp2 Pcbp2 protein	1.1588	1.0666
Pcca propionyl-coenzyme A carboxylase, alpha polypeptide	0.871	0.8395
Pccb Propionyl-CoA carboxylase beta chain, mitochondrial	0.5916	1.1482
Pck2 phosphoenolpyruvate carboxykinase 2	2.729	0.8472
Pclo Isoform 2 of Protein piccolo	0.6138	2.0893
Pclo Protein	1	0.7656
Pcmt1 Protein-L-isoaspartate(D-aspartate) O-methyltransferase	0.8954	0.9727
Pcp4 Purkinje cell protein 4	0.9638	1.0093
Pcp4l1 Putative uncharacterized protein Pcp4l1	1.6749	1.1588
Pcsk1n ProSAAS	0.6668	1.2023
Pctk3 Cell division protein kinase 18	0.9908	1.1803
Pcyox1 Prenylcysteine oxidase	1.3428	1.0765
Pdap1 28 kDa heat- and acid-stable phosphoprotein	23.1206	2.7542
Pdcd6 programmed cell death 6	1.0471	0.8395
Pddc1 Putative uncharacterized protein Pddc1	0.034	1.2823
Pde10a Isoform 4 of cAMP and cAMP-inhibited cGMP 3'',5''-cyclic phosphodiesterase 10A	1.1588	0.8091
Pde1b Calcium/calmodulin-dependent 3'',5''-cyclic nucleotide phosphodiesterase 1B	0.7656	0.8241
Pde2a cGMP-dependent 3'',5''-cyclic phosphodiesterase isoform 1	1.2359	0.6368
Pde4b 74 kDa protein	0.787	0.7656
Pde4d Isoform 4 of cAMP-specific 3'',5''-cyclic phosphodiesterase 4D	2.3121	1.1376
Pdha1 RCG36458	2.3988	1.1376
Pdhb Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	2.2699	1.1695
Pdhx Ac1164	1.2023	0.9817
Pdia3 Protein disulfide-isomerase A3	1.2359	0.9036
Pdia6 protein disulfide isomerase A6	1.0965	1.6144
Pdk3 Pyruvate dehydrogenase kinase, isoenzyme 3 (Mapped), isoform CRA_a	1.1482	1
Pdxp Pdxp protein	1.7701	0.6138
Pea15a Astrocytic phosphoprotein PEA-15	1.7865	0.7727
Pebp1 Phosphatidylethanolamine-binding protein 1	3.9811	1
Pecr Peroxisomal trans-2-enoyl-CoA reductase	2.8314	0.9376
Penk Proenkephalin-A	1.028	0.5754
Pepd Xaa-Pro dipeptidase	0.7244	0.9376
peroxiredoxin-1-like	0.8472	0.9817
Pfdn1 Putative uncharacterized protein Pfdn1	1.0568	1.1482
Pfkl 6-phosphofructokinase, liver type	1	1.0666
Pfkm 6-phosphofructokinase, muscle type	1.2589	1.0375
Pfkp 6-phosphofructokinase type C	1.4191	1.0186
Pfn1 Profilin-1	1.0765	1.0471
Pfn2 Putative uncharacterized protein Pfn2	1.3677	0.9376
Pgam1 Phosphoglycerate mutase 1	1.6904	1.0375
Pgap1 GPI inositol-deacylase	1.7219	0.9462
Pgd 6-phosphogluconate dehydrogenase, decarboxylating	1.7865	1.4454
Pgk1 Phosphoglycerate kinase 1	2.5823	1.1695
Pgm1 Phosphoglucomutase-1	1.0375	0.9376
Pgm2l1 RCG40012, isoform CRA_a	1.2823	0.7379
Pgrmc1 Membrane-associated progesterone receptor component 1	0.8241	0.9204
Phactr1 Phosphatase and actin regulator 1	1.406	0.9462

Phb Prohibitin	1.4454	1.0568
Phb2 Prohibitin-2	1.7219	0.912
Phgdh D-3-phosphoglycerate dehydrogenase	0.1923	1.1169
Phpt1 phosphohistidine phosphatase 1	0.9036	0.9036
Phyhip Phytanoyl-CoA hydroxylase-interacting protein	1.2474	0.863
Phyhipl Isoform 1 of Phytanoyl-CoA hydroxylase-interacting protein-like	1.977	1.406
Pi4ka 230kDa phosphatidylinositol 4-kinase	0.9727	0.8954
Pigy Protein preY, mitochondrial	1.7219	0.5649
Pip4k2b Phosphatidylinositol-5-phosphate 4-kinase type-2 beta	0.912	0.9462
Pip5k1c Phosphatidylinositol-4-phosphate 5-kinase, type I, gamma	0.8091	0.9376
Pitpna Phosphatidylinositol transfer protein alpha isoform	1.1482	1.2023
Pitpnc1 phosphatidylinositol transfer protein, cytoplasmic 1 isoform 1	2.1478	0.7943
Pitpnm1 Membrane-associated phosphatidylinositol transfer protein 1	2.1677	1.2823
Pitpnm2 145 kDa protein	0.955	0.7178
Pitrm1 Putative uncharacterized protein Pitrm1	1.0568	1.1695
Pkm2 Isoform M1 of Pyruvate kinase isozymes M1/M2	1.5136	0.863
Pkn3 protein kinase N3	1.3932	1
Plcb1 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-1	1.0093	1.0471
Pld3 Phospholipase D3	0.8872	1.028
Plec plectin isoform 1hij	1.4454	0.6607
Plp1 Myelin proteolipid protein	0.673	1.0864
Plxna4a Putative uncharacterized protein Plxna4a	0.9462	0.8166
Plxnb1 Putative uncharacterized protein Plxnb1	1.1066	0.9376
Pmpca peptidase (mitochondrial processing) alpha precursor	0.8551	0.955
Pmpcb Mitochondrial-processing peptidase subunit beta	0.929	1.1803
Pnmal2 Similar to KIAA1183 protein	1.1272	1.028
Podn 59 kDa protein	1.2246	0.9727
Por NADPH--cytochrome P450 reductase	1.1272	1.2942
Porcn porcupine homolog	0.6982	0.8091
Ppa1 pyrophosphatase 1	1.0375	1.0965
Ppa2 Putative uncharacterized protein Ppa2	1.2823	1.1066
Ppfia3 Liprin-alpha-3	1.3552	0.8872
Ppia Peptidyl-prolyl cis-trans isomerase A	1.4997	1.0765
Ppid Peptidyl-prolyl cis-trans isomerase D	1.4454	0.6486
Ppm1a Protein phosphatase 1A	0.7447	1.1803
Ppm1f Protein phosphatase 1F	0.8017	0.955
Ppm1h Isoform 1 of Protein phosphatase 1H	0.9817	1.1272
Ppme1 protein phosphatase methylesterase 1	1.4191	1.028
Ppp1ca Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	2.8576	0.6138
Ppp1cb Serine/threonine-protein phosphatase PP1-beta catalytic subunit	1.7378	0.929
Ppp1r1a Protein phosphatase 1 regulatory subunit 1A	4.0926	1.3183
Ppp1r1b Protein phosphatase 1 regulatory subunit 1B	2.2909	0.912
Ppp1r7 Protein phosphatase 1 regulatory subunit 7	0.3048	1.3677
Ppp1r9a Neurabin-1	1.1695	0.9204
Ppp1r9b Neurabin-2	1.3804	1.1272
Ppp2r1a Protein phosphatase 2 (Formerly 2A), regulatory subunit A, alpha isoform	2.6303	1.0864
Ppp2r2a Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform	1.2359	1
Ppp2r5c protein phosphatase 2, regulatory subunit B'', gamma isoform isoform 1	0.863	0.929
Ppp3ca Isoform 2 of Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform	1.4191	1.0568
Ppp3cb Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform	0.9638	1.2023
Ppp3r1 Isoform 2 of Calcineurin subunit B type 1	1.406	0.7311
Ppp5c Serine/threonine-protein phosphatase 5	0.7178	0.8551
Ppp6c Serine/threonine-protein phosphatase 6 catalytic subunit	1.4191	0.7943
Ppt1 32 kDa protein	0.5808	0.9908
Prdx2 Peroxiredoxin-2	1.1169	1.1803
Prdx3 Thioredoxin-dependent peroxide reductase, mitochondrial	0.8872	0.9376
Prdx5 Isoform Mitochondrial of Peroxiredoxin-5, mitochondrial	1.0765	0.9727
Prdx6 Peroxiredoxin-6	0.8166	0.7798
Prep Prolyl endopeptidase	1.7701	1.0765
Prkaca Protein kinase, cAMP-dependent, catalytic, alpha	1.0186	0.9204
Prkacb cAMP-dependent protein kinase catalytic subunit beta	1.3552	1.2246
Prkar1a cAMP-dependent protein kinase type I-alpha regulatory subunit	0.8241	0.8091
Prkar1b cAMP-dependent protein kinase type I-beta regulatory subunit	1.2023	1.0864
Prkar2a cAMP-dependent protein kinase type II-alpha regulatory subunit	1.2359	0.673
Prkar2b cAMP-dependent protein kinase type II-beta regulatory subunit	2.5586	1.0666
Prkca Protein kinase C alpha type	1.4191	1.1803
Prkcb Isoform Beta-II of Protein kinase C beta type	1.8197	1.1169
Prkce Protein kinase C epsilon type	1	0.9376
Prkcg Protein kinase C gamma type	0.8872	1.1376
Prkcsh Protein kinase C substrate 80K-H (Predicted), isoform CRA_b	1.6596	1.0765
Prnp Major prion protein	1.7061	1.2246
Prosc Putative uncharacterized protein Prosc	1.1912	1.0765
Prpf19 Pre-mRNA-processing factor 19	2.8054	1.3183
Prps1 Ribose-phosphate pyrophosphokinase 1	1.4997	1.2359
Prpsap2 Phosphoribosyl pyrophosphate synthase-associated protein 2	1.028	1
Prr6 Putative uncharacterized protein Prr6	5.0119	0.4446
Prune Protein prune homolog	0.8872	0.7311
Psap Sulfated glycoprotein 1	1.0375	1.3062
Psat1 Putative uncharacterized protein Psat1	0.955	0.9727
Psd3 rCG54675-like	0.9036	1.1482
Psip1 Isoform 1 of PC4 and SFRS1-interacting protein	1.4191	1.4191
Psma1 Proteasome subunit alpha type-1	1.7865	1.028
Psma3;Psma3l Proteasome subunit alpha type-3	0.9908	1.0568
Psma4 Proteasome subunit alpha type-4	5.1523	1.0568
Psma5 Proteasome subunit alpha type-5	0.118	0.6918
Psma6 Proteasome subunit alpha type-6	1.2589	1.5136
Psma7 Isoform RC6-IS of Proteasome subunit alpha type-7	0.6252	1.2359
Psmb1 Proteasome subunit beta type-1	1.2706	0.9036
Psmb2 Proteasome subunit beta type-2	0.8472	1.0965
Psmb4 Proteasome subunit beta type-4	0.8318	0.9204
Psmb5 Proteasome subunit beta type-5	0.912	1.0375

Psmb6 Proteasome subunit beta type-6	1.3677	0.955
Psmc1 26S protease regulatory subunit 4	1.3804	1.1169
Psmc2 26S protease regulatory subunit 7	0.8472	1.1803
Psmc4 26S protease regulatory subunit 6B	0.9908	1.0471
Psmc5 26S protease regulatory subunit 8	0.9204	1.0965
Psmc6 proteasome (prosome, macropain) 26S subunit, ATPase, 6	1.1803	0.9817
Psmd1 26S proteasome p112 subunit	1.4723	0.9376
Psmd11 Putative uncharacterized protein	0.4742	0.9817
Psmd13 26S proteasome non-ATPase regulatory subunit 13	0.5395	0.879
Psmd2 26S proteasome non-ATPase regulatory subunit 2	1.0965	0.9817
Psmd3 Proteasome (Prosome, macropain) 26S subunit, non-ATPase, 3	0.9376	0.9817
Psmd5 Proteasome (Prosome, macropain) 26S subunit, non-ATPase, 5 (Predicted), isoform CRA_b	0.9817	1.1482
Psmd6 Proteasome (Prosome, macropain) 26S subunit, non-ATPase, 6	1.2246	1.2474
Psmd7 Putative uncharacterized protein Psmd7	1.0864	0.929
Psmg1 Putative uncharacterized protein Psmg1	0.6546	0.6026
Ptges3 Prostaglandin E synthase 3	0.8872	1.0568
Ptgr2 Isoform 1 of Prostaglandin reductase 2	1.0471	0.9908
Ptk2b Isoform 3 of Protein-tyrosine kinase 2-beta	1.1803	0.7311
Ptms Parathymosin	4.8306	0.9817
Ptn Pleiotrophin	1.3183	1.1066
Ptpn11 Isoform 1 of Tyrosine-protein phosphatase non-receptor type 11	0.9638	0.9462
Ptpn23 182 kDa protein	0.9462	0.4365
Ptpn5 Tyrosine-protein phosphatase non-receptor type 5	1.1695	0.9908
Ptprd protein tyrosine phosphatase, receptor type, D	0.9638	0.8472
Ptpre Isoform 1 of Receptor-type tyrosine-protein phosphatase epsilon	0.5808	0.7586
Ptprn Receptor-type tyrosine-protein phosphatase-like N	0.9376	0.8472
Ptprn2 Receptor-type tyrosine-protein phosphatase N2	0.9727	1.1588
Ptprs Isoform 1 of Receptor-type tyrosine-protein phosphatase S	2.729	1.3062
Ptprz1 Isoform 1 of Receptor-type tyrosine-protein phosphatase zeta	0.9727	1.1272
Pura purine rich element binding protein A	1.3305	1.3062
Purb Transcriptional activator protein Pur-beta	2.3121	1.0186
Putative uncharacterized protein Calm1	3.9446	0.9727
Putative uncharacterized protein ENSRNOP00000015993	1.0186	0.7047
Putative uncharacterized protein ENSRNOP00000019262	0.3802	1.5276
Putative uncharacterized protein ENSRNOP00000020807	0.871	1.0765
Putative uncharacterized protein ENSRNOP00000022664	1.6144	1.2706
Putative uncharacterized protein ENSRNOP00000037794	1.2706	1.3932
Putative uncharacterized protein ENSRNOP00000041984	1.5704	0.8954
Putative uncharacterized protein ENSRNOP00000042068	1.2706	1.2589
Putative uncharacterized protein ENSRNOP00000045493	0.6546	0.9817
Putative uncharacterized protein ENSRNOP00000046737	3.1333	0.8551
Putative uncharacterized protein ENSRNOP00000048530	0.4571	1.5704
Putative uncharacterized protein ENSRNOP00000051318	1.0186	0.8872
Putative uncharacterized protein ENSRNOP00000058924	1.0666	1.1695
Putative uncharacterized protein ENSRNOP00000060865	1.6904	0.9908
Putative uncharacterized protein Iars2	1.0375	0.9036
Putative uncharacterized protein RGD1560464	1.0666	1.0965
Pvalb Putative uncharacterized protein Pvalb	1.6904	1.0471
Pvrl1 poliovirus receptor-related 1	1.5849	1.0186
Pwp2 PWP2 periodic tryptophan protein homolog	4.6132	1.7539
Pycrl Pyrroline-5-carboxylate reductase 3	1.0471	1.0093
Pygb Phosphorylase	1.2942	1.0186
Pygm muscle glycogen phosphorylase	1.2246	1.0965
Qars Glutaminyl-tRNA synthetase	0.7656	1.3677
Qdpr Dihydropteridine reductase	0.8318	1.3428
Qk Qk protein	0.3837	0.879
Rab1 Ac2-048	0.6252	0.8318
Rab10 RAB10, member RAS oncogene family	1.2706	0.912
Rab11b Ras-related protein Rab-11B	0.9817	1.0765
RAB12, member RAS oncogene family	1.4997	0.8395
Rab14 Ras-related protein Rab-14	0.9638	0.929
Rab15 Ras-related protein Rab-15	1.3183	0.631
Rab21 Ras-related protein Rab-21	0.6026	1
Rab2a Ras-related protein Rab-2A	1.2023	0.955
Rab2b Putative uncharacterized protein Rab2b	1.1803	0.9817
Rab3a Ras-related protein Rab-3A	1.2134	0.8395
Rab3c Ras-related protein Rab-3C	1.0765	1.0666
Rab3gap2 rab3 GTPase-activating protein non-catalytic subunit	1.0471	1.3062
Rab4a Putative uncharacterized protein Rab4a	1.1169	0.8551
RAB5A, member RAS oncogene family-like isoform 1	1.2023	1.1376
Rab6b RAB6B, member RAS oncogene family	3.9811	0.871
Rab7a Ras-related protein Rab-7a	1.2023	0.879
Rabep1 Putative uncharacterized protein Rabep1	85.5067	1.0568
Rac1 Ras-related C3 botulinum toxin substrate 1, isoform CRA_b	2.8054	1.0666
Rala Ras-related protein Ral-A	2.9923	1.1912
Ran GTP-binding nuclear protein Ran	0.955	0.955
Ranbp1 RCG36598	1.556	1.1066
Ranbp3 RAN binding protein 3	1.4322	0.929
Rap1gap 78 kDa protein	1.1066	1.0965
Rap1gds1 62 kDa protein	1.6144	1.1588
Rap2a Rap2A-like protein	5.6494	1.4859
Rapgef2 165 kDa protein	0.7727	1.1376
Rapgef4 Rap guanine nucleotide exchange factor (GEF) 4 isoform 2	1.1272	1.0765
Rars arginyl-tRNA synthetase	1.2246	0.955
Rasa1 Ras GTPase-activating protein 1	1.2359	1.0093
Rasal1 Putative uncharacterized protein ENSRNOP00000063570	1.0864	1.1803
Rasgrf1 Protein	0.5598	0.7943
Rasgrp2 similar to RAS, guanyl releasing protein 2	0.8318	0.912
Rbbp7 Histone-binding protein RBBP7	0.7943	1.1695
Rbbp9 Putative hydrolase RBBP9	0.9376	0.7516
Rbm12 RCG37481, isoform CRA_b	2.704	1.1376

Rbm4 69 kDa protein	0.8166	0.9204
Rbp1 Retinol-binding protein 1	1.0093	1.1066
rCG22366-like isoform 1	1.0186	0.9462
RCG38845, isoform CRA_b	0.9638	0.8472
rCG57079-like	1.028	0.7656
Rcn1 Reticulocalbin 1 (Predicted), isoform CRA_a	8.4723	1.3677
Rcn2 Reticulocalbin-2	1.2474	1.1482
Rdx Radixin	0.7727	1.1169
Reep5 Receptor expression-enhancing protein 5	0.929	1.0765
REVERSED - 32 kDa protein	0.8318	0.9036
REVERSED Atp4a hydrogen/potassium-exchanging ATPase 4A	1.1169	1.0864
REVERSED Ccdc88c Putative uncharacterized protein Ccdc88c	0.955	1.0864
REVERSED Cdadc1 Cytidine and dCMP deaminase domain containing 1	0.9908	0.9727
REVERSED Celsr3 Putative uncharacterized protein Celsr3	1.2246	0.955
REVERSED Col2a1 142 kDa protein	1.5996	0.7943
REVERSED Ctcf Transcriptional repressor CTCF	0.1047	1.1482
REVERSED Ehbp1 EH domain binding protein 1	1.6749	1.2474
REVERSED Fbll1 fibrillarin-like 1	1.0471	0.9462
REVERSED Htra3 Putative uncharacterized protein Htra3	1.2134	0.9205
REVERSED Lct lactase-phlorizin hydrolase preproprotein	0.8872	1.3428
REVERSED LOC683347 similar to cathepsin M	1.7378	0.9204
REVERSED Ret Receptor tyrosine kinase	1.0965	0.9727
REVERSED RGD1560433 Putative uncharacterized protein ENSRNOP00000030177	1.0186	0.7727
REVERSED RGD1565890 similar to RUN domain containing 2A	1.1803	0.7311
REVERSED Sod3 Extracellular superoxide dismutase [Cu-Zn]	1.0666	0.9204
REVERSED Tnk1 Tyrosine kinase, non-receptor, 1	1.5136	0.8318
rf|NP_006112.2| keratin 1	0.2489	0.929
RGD1302996 hypothetical protein LOC294231	0.9908	1.2134
RGD1303003 ES1 protein homolog, mitochondrial	1.1482	0.8472
RGD1304704 LRRGT00192	0.9204	0.9462
RGD1304884 Similar to RIKEN cDNA 6430548M08 (Predicted), isoform CRA_b	0.9462	1.1272
RGD1305269 LIM and calponin homology domains 1-like isoform 1	0.9462	0.879
RGD1305664 similar to KIAA0672 gene product	0.9727	1.028
RGD1306484 growth and transformation-dependent protein-like	2.3768	1.3428
RGD1306809 Putative uncharacterized protein RGD1306809	2.355	0.7047
RGD1306811 RIKEN cDNA 2900042E01-like	0.955	0.8954
RGD1307235 Similar to RIKEN cDNA 2310035C23	1.1803	1.0864
RGD1307284 similar to protein kinase, lysine deficient 1; kinase deficient protein	0.0738	1.2706
RGD1307525 similar to Temporarily Assigned Gene name family member	1.1695	1
RGD1307615 Putative uncharacterized protein RGD1307615	1.3183	0.631
RGD1308048 Putative uncharacterized protein RGD1308048	1.5136	1.0186
RGD1308350 similar to hypothetical protein MGC13251	1.0375	1.0666
RGD1308448 Similar to RIKEN cDNA B130016O10 gene	4.1687	0.5058
RGD1308772 Putative uncharacterized protein RGD1308772	0.5395	0.5346
RGD1309188 Putative uncharacterized protein RGD1309188_predicted	0.929	1.4723
RGD1309388 DIP13 alpha-like	1.6293	1.2474
RGD1310230 RCG23940, isoform CRA_g	6.792	1.0568
RGD1310427 Similar to KIAA0090 protein (Predicted), isoform CRA_a	1.2589	0.8472
RGD1310444 RCG31867	0.8091	1.0375
RGD1310641 UPF0704 protein C6orf165 homolog	1.1066	1.0765
RGD1310819 hypothetical protein	1.4859	0.9727
RGD1311350 similar to kIAA0367	0.4446	1.1169
RGD1311739 UPF0687 protein C20orf27 homolog	0.871	0.912
RGD1359378 UPF0670 protein C8orf55 homolog	1.1803	0.6607
RGD1559838 similar to ribosomal protein L31	1.1066	0.9462
RGD1559856 potassium channel tetramerisation domain containing 16	1.1272	0.9204
RGD1559864 Putative uncharacterized protein RGD1559864	1.0568	0.9204
RGD1559896 Similar to RIKEN cDNA 2310022B05	0.6026	1.1066
RGD1559955 Putative uncharacterized protein RGD1559955	0.9727	1.0568
RGD1560015 trans-2,3-enoyl-CoA reductase-like	2.3768	1.3552
RGD1560187 similar to Hypothetical UPF0327 protein isoform 1	1.2589	1.7061
RGD1560362;Arpc5l Isoform 1 of Actin-related protein 2/3 complex subunit 5-like protein	1.0186	1.0666
RGD1560493 asparagine-linked glycosylation 13 homolog (S. cerevisiae)-like	1.0765	1.7539
RGD1560584 Putative uncharacterized protein RGD1560584	0.6486	1.3932
RGD1560691 hypothetical protein LOC307124	0.5754	0.879
RGD1560871 Putative uncharacterized protein ENSRNOP00000022951	1.2942	1.2823
RGD1561176 similar to Programmed cell death 6-interacting protein	0.871	1.3062
RGD1561817 Similar to Traf2 and NCK interacting kinase, splice variant 4 (Predicted), isoform CRA_a	1.2023	1
RGD1561955 mCG120030-like	0.9908	1.0375
RGD1562165 Gamma-aminobutyric acid receptor-associated protein-like 2-like, partial	0.8166	0.8472
RGD1562629 similar to Protein neurobeachin	1.0186	1.0471
RGD1563224 Putative uncharacterized protein RGD1563224	0.4875	0.912
RGD1563235 Similar to 1700054N08Rik protein	0.6982	0.6427
RGD1563903 Putative uncharacterized protein RGD1565956	0.5058	0.929
RGD1564069 similar to 40S ribosomal protein S19	1.9231	1.0375
RGD1564195 proline-rich transmembrane protein 2-like	1.0093	0.6486
RGD1564560 RCG58047	1.0186	1.0471
RGD1565416 similar to talin 2 isoform 4	1.028	0.9036
RGD1565496 Putative uncharacterized protein ENSRNOP00000045049	1.2823	0.8551
RGD1565690 rCG52360-like	1.7865	0.6982
RGD1565912 ribosomal protein S18-like	1.3804	1.2706
RGD1566085 Putative uncharacterized protein RGD1566085	0.955	0.9638
RGD1566130 Putative uncharacterized protein ENSRNOP00000042876	3.4995	0.8318
RGD1566161 similar to voltage-dependent anion channel 1	1.6293	1.1588
RGD1566265 hypothetical protein LOC363487	1.0765	1.1482
RGD620382 Deoxyribonucleoside 5''-monophosphate N-glycosidase	1.0765	1.0093
Rgs14 Regulator of G-protein signaling 14	0.8318	1.406
Rgs7 Regulator of G-protein signaling 7	5.1051	1.2474
Rgs8 Regulator of G-protein signaling 8	0.9817	1.0375
Rhoa Transforming protein RhoA	1.3305	1.0864
Rhob Rho-related GTP-binding protein RhoB	1.0666	1.2359

ribosomal protein L8-like	0.9638	0.9908
ribosomal protein S7-like	1.1272	1.1376
ribosomal protein S8-like	1.3428	1.3428
Rics Rho GTPase-activating protein	1.2023	0.929
Rnf135 Putative uncharacterized protein Rhot1	1.4454	0.5058
Rnpep Aminopeptidase B	2.0512	1.0186
Rock2 Putative uncharacterized protein Rock2	0.9817	1.1272
Rogdi Protein rogdi homolog	0.9727	0.9036
Rph3a Rabphilin-3A	1.7378	0.3908
Rpl10a 60S ribosomal protein L10a	1	1.0375
Rpl10l Putative uncharacterized protein Rpl10l	0.929	1.6293
Rpl11 Ribosomal protein L11	1.1588	1.1695
Rpl13a Ribosomal protein L13A	1.1169	1.1803
Rpl15 60S ribosomal protein L15	1.0765	0.879
Rpl18a 60S ribosomal protein L18a	0.9638	1.0965
Rpl27 60S ribosomal protein L27	1.3804	1.0471
Rpl3 60S ribosomal protein L3	1.3677	0.7943
Rpl4 60S ribosomal protein L4	2.5823	1.1272
Rpl7 Rpl7 protein	1.3677	1.6596
Rpl9 Ribosomal protein L9	0.8872	1.1482
Rpn1 Ribophorin1	0.9817	0.7943
Rps10 Putative uncharacterized protein Rps10	0.9376	1.0186
Rps11 40S ribosomal protein S11	0.8318	1.1588
Rps14 40S ribosomal protein S14	1.556	1.0765
Rps16 ribosomal protein S16	1.0093	1.0568
Rps18 40S ribosomal protein S18	1.1066	1.2023
Rps2 32 kDa protein	0.8472	1.0186
Rps23 40S ribosomal protein S23	0.7311	1.1376
Rps27a Ribosomal protein S27a	4.1687	0.879
Rps28 40S ribosomal protein S28	0.7047	1.1272
Rps3 40S ribosomal protein S3	0.879	1.406
Rps4x 40S ribosomal protein S4, X isoform	0.8872	1.0471
Rps6 40S ribosomal protein S6	0.9817	1.1912
Rps6ka2 ribosomal protein S6 kinase, polypeptide 2	1.9409	0.9376
Rps6ka5 Putative uncharacterized protein Rps6ka5	0.7798	1.2359
Rpsa 40S ribosomal protein SA	0.7112	0.8395
Rragc Ras-related GTP binding C	0.8395	0.7727
Rras2 Related RAS viral (R-ras) oncogene homolog 2	0.7178	1.2359
Rtn1 Isoform RTN1-B of Reticulon-1	0.7112	0.8872
Rtn1 Isoform RTN1-S of Reticulon-1	0.9376	0.9036
Rtn3 Isoform 2 of Reticulon-3	1.2942	0.7798
Rtn3 Putative uncharacterized protein Rtn3	2.8054	0.7178
Rtn4 Putative uncharacterized protein Rtn4	1.0186	1.0864
Rtn4rl2 Reticulon-4 receptor-like 2	0.7311	0.7379
S100a13 Putative uncharacterized protein S100a13	1.8707	0.8872
S100a16 S100a16 protein	0.7112	0.879
S100b Protein S100-B	1.7061	0.9376
S1pr1 Sphingosine 1-phosphate receptor 1	1.0666	1.3062
Sae1 SUMO-activating enzyme subunit 1	0.7943	0.6607
Samm50 Sorting and assembly machinery component 50 homolog	1.2942	0.9036
Sar1a SAR1 homolog A	1.0471	1.0765
Sars Seryl-tRNA synthetase, cytoplasmic	0.8954	0.9638
Sars2 Seryl-tRNA synthetase 2	0.2466	1.0864
Sbf1 SET binding factor 1	1.6749	1.5136
Scamp1 Secretory carrier-associated membrane protein 1	0.9638	1.4454
Scamp3 81 kDa protein	0.5297	0.8551
Scand3 RCG21454	5.0119	0.1803
Sccpdh Probable saccharopine dehydrogenase	0.9462	0.929
Scg2 Secretogranin-2	0.8954	0.7447
Scg5 Neuroendocrine protein 7B2	1.4588	1.3552
Scn2a1 228 kDa protein	0.912	1.0471
Scn2b Sodium channel subunit beta-2	2.5351	0.597
Scn3b 30 kDa protein	1.1695	1.2706
Scrn1 Secernin-1	1.0186	1.1695
Sdha Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	0.9638	1.1169
Sdhb Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	1.0864	1.5704
Sdhc Succinate dehydrogenase complex, subunit C, integral membrane protein	0.871	1.556
Sec13 Protein SEC13 homolog	0.8872	0.9817
Sec22b Vesicle-trafficking protein SEC22b	2.5586	1.3183
Sec23a Sec23 homolog A	1.3062	1.1912
Sec24b SEC24 related gene family, member B	0.6368	0.9204
Sec31a Isoform 1 of Protein transport protein Sec31A	1.0471	1.0471
secretory carrier membrane protein 5-like	0.8017	1.1169
Sept11 Putative uncharacterized protein Sept11	0.8551	0.9462
Sept2 Septin-2	0.9638	0.8318
Sept3 Putative uncharacterized protein Sept3	1.888	1.7539
Sept4 55 kDa protein	0.9376	1.4191
Sept7 septin-7 isoform b	2.1281	1.1376
Sept7 septin-7 isoform b	2.1281	1.1376
Sept8 55 kDa protein	0.6486	1.3677
Serbp1 Isoform 1 of Plasminogen activator inhibitor 1 RNA-binding protein	0.955	1
Serinc1 LRRGT00191	0.5105	1.1376
serine/threonine-protein phosphatase 2A catalytic subunit alpha-like	1.5276	1.3804
Serpina3k Serine protease inhibitor A3K	0.9727	1.1695
Serpinb6a Serine (Or cysteine) peptidase inhibitor, clade B, member 6a	1.0965	0.879
Serpinh1 Serpin H1	3.4356	0.7178
Setd2 Putative uncharacterized protein Setd2	2.1281	3.2509
Sez6l2 Putative uncharacterized protein Sez6l2	0.8166	0.9727
Sfpq Splicing factor proline/glutamine rich	0.5248	0.7656
Sfrs1 RCG34610, isoform CRA_c	2.2909	0.6918
Sfrs10 Transformer-2 protein homolog beta	0.9462	0.929

Sfrs2 Splicing factor, arginine/serine-rich 2	0.7244	0.9204
Sfrs3-ps1 similar to Splicing factor, arginine/serine-rich 3 (Pre-mRNA splicing factor SRP20) (X16 protein) isc	2.6792	0.8166
Sfrs5 Putative uncharacterized protein Sfrs5	0.3767	0.9727
Sfrs7 RCG61762, isoform CRA_d	1.4588	1.1695
Sfxn1 Sideroflexin 1	1.1482	1.3305
Sfxn3 Putative uncharacterized protein Sfxn3	0.7379	0.8954
Sfxn5 Sideroflexin-5	2.0512	1.1066
Sgip1 SH3-containing GRB2-like protein 3-interacting protein 1-like	1.0186	1.0093
Sgta Small glutamine-rich tetratricopeptide repeat-containing protein alpha	0.5808	1.0471
Sh2bpsm1 Isoform 1 of SH2B adapter protein 1	0.929	0.9036
Sh2d5 rCG31450-like	0.879	0.9817
Sh3bgrl SH3 domain binding glutamic acid-rich protein like	1.1272	1.1376
Sh3bgrl3 SH3 domain binding glutamic acid-rich protein-like 3 (Predicted), isoform CRA_b	1.6444	1.2359
Sh3gl2 Endophilin-A1	1.0864	1.0568
Sh3glb2 Endophilin-B2	1	0.9908
Shank2 Isoform 7 of SH3 and multiple ankyrin repeat domains protein 2	1.0568	0.9638
Shank3 Isoform 1 of SH3 and multiple ankyrin repeat domains protein 3	1.977	0.5754
Shroom2 Putative uncharacterized protein Shroom2	0.9462	0.9462
similar to collagen, type XXIV, alpha 1	0.8954	1.028
similar to DnaJ (Hsp40) homolog, subfamily B, member 2 isoform b isoform 4	0.6855	1.1482
similar to Histidine triad nucleotide-binding protein 1	0.9462	1.2706
similar to Prefoldin subunit 2 isoform 1	0.6427	1
similar to Protein C9orf126 homolog	0.8551	1.0765
similar to Ras-related protein Rab-1B	0.5346	1.1169
similar to Septin-6	1.1066	0.955
similar to THO complex subunit 4 (Tho4) (RNA and export factor binding protein 1) (REF1-I) (Ally of AML-1 a	0.9908	1.0186
similar to tRNA nucleotidyl transferase, CCA-adding, 1 isoform 2	0.6427	1.1912
Sipa1l1 Signal-induced proliferation-associated 1-like protein 1	2.4434	0.5546
Sirpa Sirpa protein	0.9204	1.2023
Sirt2 NAD-dependent deacetylase sirtuin-2	0.6668	1.2023
Sirt5 NAD-dependent deacetylase sirtuin-5	0.7447	1.0186
Skp1 S-phase kinase-associated protein 1	1.9055	1.028
Slc12a2 Na-K-Cl cotransporter	1.3062	0.9462
Slc12a5 Isoform 1 of Solute carrier family 12 member 5	2.2699	0.787
Slc15a2 Solute carrier family 15 member 2	0.9817	1.0864
Slc17a6 Vesicular glutamate transporter 2	1.1272	1.0093
Slc17a7 Isoform 1 of Vesicular glutamate transporter 1	1.4997	0.955
Slc1a2 Isoform Glt-1A of Excitatory amino acid transporter 2	1.8707	0.8091
Slc1a3 Isoform GLAST-1 of Excitatory amino acid transporter 1	1.556	1.406
Slc1a4 56 kDa protein	1.1588	0.8318
Slc25a1 Tricarboxylate transport protein, mitochondrial	0.7586	1.1588
Slc25a11 Mitochondrial 2-oxoglutarate/malate carrier protein	1.7865	0.7943
Slc25a12 solute carrier family 25 (mitochondrial carrier, Aralar), member 12	3.1333	1.0471
Slc25a20 Mitochondrial carnitine/acylcarnitine carrier protein	1.2706	1.0864
Slc25a22 RCG47744, isoform CRA_c	2.1086	1.1376
Slc25a23 solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23	0.9638	1.0666
Slc25a3 Phosphate carrier protein, mitochondrial	1.0965	1.0186
Slc25a3 Solute carrier family 25 (Mitochondrial carrier	0.9727	1.1482
Slc25a4 ADP/ATP translocase 1	2.3988	0.8472
Slc25a46 Solute carrier family 25 member 46	1.1066	0.863
Slc25a5 ADP/ATP translocase 2	2.208	1.0666
Slc27a1 Solute carrier family 27 (Fatty acid transporter), member 1	1.2589	1.1588
Slc2a1 54 kDa protein	0.929	1.0568
Slc2a13 Proton myo-inositol cotransporter	1.1695	1.0666
Slc2a3 Solute carrier family 2, facilitated glucose transporter member 3	1.5849	0.9638
Slc30a3 Isoform 1 of Zinc transporter 3	1	0.7798
Slc32a1 Vesicular inhibitory amino acid transporter	6.9823	1.888
Slc38a3 Sodium-coupled neutral amino acid transporter 3	0.9036	1.2474
Slc3a2 4F2 cell-surface antigen heavy chain	0.8241	1.0765
Slc4a10 Isoform 2 of Sodium-driven chloride bicarbonate exchanger	0.6427	0.863
Slc4a4 Isoform 3 of Electrogenic sodium bicarbonate cotransporter 1	0.8017	0.9727
Slc6a1 Sodium- and chloride-dependent GABA transporter 1	3.9811	2.2909
Slc6a17 Orphan sodium- and chloride-dependent neurotransmitter transporter NTT4	1.0093	0.8472
Slc6a3 Sodium-dependent dopamine transporter	2.6303	0.6668
Slc6a9 Isoform 1 of Sodium- and chloride-dependent glycine transporter 1	0.9376	0.6792
Slc7a11 solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	1.2823	0.7311
Slc7a5 Large neutral amino acids transporter small subunit 1	0.4699	0.879
Slc8a1 Isoform 7 of Sodium/calcium exchanger 1	1.2246	1.3677
Slc8a2 Putative uncharacterized protein ENSRNOP00000002042	1.4454	0.863
Slc9a1 Sodium/hydrogen exchanger 1	1.406	0.9204
Slc9a3r1 Na(+)/H(+) exchange regulatory cofactor NHE-RF1	1.8707	0.9376
Slc9a6 Putative uncharacterized protein Slc9a6	1.9055	1.0375
Slk STE20-like serine/threonine-protein kinase	0.6855	1.406
Smad4 Mothers against decapentaplegic homolog 4	0.8318	1.1169
Smpd3 neutral sphingomyelin phosphodiesterase 3	1.0093	0.863
Smpdl3b Sphingomyelin phosphodiesterase, acid-like 3B	1.3932	1.0375
Snap25 Isoform SNAP-25a of Synaptosomal-associated protein 25	1.2823	1.7865
Snap25 Isoform SNAP-25b of Synaptosomal-associated protein 25	0.6138	1.2942
Snap91 Isoform Short of Clathrin coat assembly protein AP180	0.871	1.0864
Snca Isoform Syn2 of Alpha-synuclein	1.028	1.0568
Sncb Beta-synuclein	1.1588	1.0375
Snd1 Staphylococcal nuclease domain-containing protein 1	1.3804	1.5136
Snip Putative uncharacterized protein Snip	0.9727	1.0471
Snrnp70 U1 small nuclear ribonucleoprotein polypeptide A (Predicted), isoform CRA_c	0.5495	1.2134
Snrpd1 Small nuclear ribonucleoprotein D1	1.1912	1.3552
Snrpn Small nuclear ribonucleoprotein-associated protein N	0.863	1
Snx12 Putative uncharacterized protein Snx12	1.0965	1.0093
Snx2 sorting nexin 2	1.1169	1.1803
Snx4 Snx4 protein	1.406	0.7516
Snx6 Sorting nexin 6	1.3305	0.9638
Sod1 Superoxide dismutase [Cu-Zn]	0.8241	0.8017

Sod2 Superoxide dismutase [Mn], mitochondrial	1.0666	1.0186
Sorbs1 143 kDa protein	1.0765	0.863
Sord Sorbitol dehydrogenase	1.4191	0.912
Spag9 146 kDa protein	0.8091	0.7112
Spg7 Putative uncharacterized protein Spg7	4.1687	0.7311
Spna2 285 kDa protein	3.5645	1.0666
Spryd4 SPRY domain-containing protein 4	3.0761	1.5704
spt|P00761| Trypsin precursor (EC 3.4.21.4)	1.4322	0.597
spt|P81605| Dermcidin precursor (Preproteolysin) [Contains: Survival-promoting peptide; DCD-1]	0.6252	1
Sptb Erythroid spectrin beta	0.8241	1.0186
Sptbn1 Non-erythroid spectrin beta	1.2706	1.2023
Sptbn2 Spectrin beta chain, brain 2	2.6303	1.0471
Sptbn4 spectrin, beta, non-erythrocytic 4	1.0864	0.9908
Srgap1 119 kDa protein	0.7379	1.2359
Srr Serine racemase	0.7447	1.0965
Ssb Sjogren syndrome antigen B	1.1272	0.929
Ssu72 RNA polymerase II subunit A C-terminal domain phosphatase SSU72	0.4055	1.8535
St13 Hsc70-interacting protein	1.0093	0.9727
Stag2 Putative uncharacterized protein Stag2	1.1482	1.028
Stam Putative uncharacterized protein Stam	0.9376	0.8551
Stip1 Stress-induced-phosphoprotein 1	0.929	1.6904
Stk32c Serine/threonine kinase 32C	1.0568	1.1803
Stmn1 Stathmin	2.5823	1.2706
Stmn3 Putative uncharacterized protein Stmn3	0.9908	0.9908
Strn Striatin	0.302	1.2359
Stx1a syntaxin 1A (brain)-like	3.1333	0.8091
Stx1b Syntaxin-1B	0.879	1.0186
Stxbp1 Isoform 1 of Syntaxin-binding protein 1	1.0568	1.0864
Stxbp1 Isoform 2 of Syntaxin-binding protein 1	1.7701	0.7798
Stxbp5 Isoform 1 of Syntaxin-binding protein 5	1.0186	1.0765
Sucla2 succinate-Coenzyme A ligase, ADP-forming, beta subunit	1.5849	1.1588
Suclg1 Succinyl-CoA ligase [GDP-forming] subunit alpha, mitochondrial	0.9204	1.0965
Sult4a1 Sulfotransferase 4A1	0.7447	0.8551
Supv3l1 ATP-dependent RNA helicase SUPV3L1, mitochondrial	1.7865	1.0666
Sv2a Synaptic vesicle glycoprotein 2A	1.4859	1.0375
Sv2b Synaptic vesicle glycoprotein 2B	1.6444	0.8318
Sv2c Synaptic vesicle glycoprotein 2C	1.8365	0.6427
Syn1 Isoform IA of Synapsin-1	1.1066	0.929
Syn2 Isoform IIa of Synapsin-2	3.767	1.2706
Syn2 Isoform IIb of Synapsin-2	1.4454	0.8166
Syn3 Synapsin-3	1.1803	1.0093
Syncrip Putative uncharacterized protein Syncrip	0.8872	0.6607
Syngap1 Isoform 2 of Ras GTPase-activating protein SynGAP	1.8707	0.8395
Syngr3 Synaptogyrin 3 (Predicted), isoform CRA_a	1.0965	0.871
Synj1 Putative uncharacterized protein Synj1	2.6792	1.0765
Synj2bp Putative uncharacterized protein Synj2bp	1.2589	0.7943
Synpo Isoform 2 of Synaptopodin	0.8017	0.9204
Syp Synaptophysin	1.0765	0.929
Syt1 Synaptotagmin-1	1.803	1.0186
Syt7 Synaptotagmin VIIL	1.5276	0.9204
Tac1 Isoform Delta of Protachykinin-1	0.9727	0.8241
Tagln3 Transgelin-3	1.0666	0.7586
Taldo1 Transaldolase	6.0813	1.1272
Taok1 Serine/threonine-protein kinase TAO1	0.7798	0.8017
Tardbp TAR DNA binding protein	1.0666	1.1695
Tars2 Putative uncharacterized protein Tars2	0.8091	1.1066
Tceal3 mCG18224-like isoform 2	1.5996	1.0666
Tceb2 Transcription elongation factor B polypeptide 2	1.2589	0.787
Tcp1 T-complex protein 1 subunit alpha	1.2023	1.0186
Tf Isoform 1 of Serotransferrin	1.0093	1.1376
Tfam Transcription factor A, mitochondrial	0.9204	1.0765
Th Tyrosine 3-monooxygenase	2.0137	0.9908
Thop1 Thimet oligopeptidase	1.5276	0.7447
Thtpa Thiamine-triphosphatase	0.5649	0.9462
Thumpd1 THUMP domain containing 1	1.5417	1.0666
Thy1 Thy-1 membrane glycoprotein	1.888	1.4859
Tial1 Putative uncharacterized protein Tial1	0.8872	1.2246
Timm10 Mitochondrial import inner membrane translocase subunit Tim10	0.912	1.0186
Timm44 Mitochondrial import inner membrane translocase subunit TIM44	0.673	1.1169
Timm8a1 Mitochondrial import inner membrane translocase subunit Tim8 A	1.2706	0.6194
Timm9 Mitochondrial import inner membrane translocase subunit Tim9	1.1912	0.8017
Tjp1 tight junction protein 1	0.6486	0.879
Tkt transketolase	1.5704	1.1912
Tln1 talin	0.4018	0.6855
Tm9sf2 Putative uncharacterized protein Tm9sf2	0.9462	0.8954
Tmco1 23 kDa protein	1.3183	1.977
Tmed10 Transmembrane emp24 domain-containing protein 10	0.1629	1.2823
Tmem30a Transmembrane protein 30A	0.8091	0.8872
Tmem33 transmembrane protein 33 isoform 2	0.9638	1.1169
Tmod1 Tropomodulin 1	1.0093	1.1169
Tmod2 Tropomodulin-2	1.0471	0.9462
Tmpo Lamina-associated polypeptide 2, isoform beta	0.9376	1.0093
Tnr Isoform 1 of Tenascin-R	0.7112	1.2134
Tom1l2 Putative uncharacterized protein Tom1l2	2.355	1.0186
Tomm70a Mitochondrial import receptor subunit TOM70	2.6546	0.8872
Tpd52 Putative uncharacterized protein Tpd52	0.9204	0.9817
Tpd52l2 Tumor protein D52-like 2, isoform CRA_h	0.871	0.6252
Tpi1 Triosephosphate isomerase	5.445	0.9462
Tpm1 Isoform 5 of Tropomyosin alpha-1 chain	1.4322	1.0965
Tpm3 Isoform 3 of Tropomyosin alpha-3 chain	1.028	0.8472
Tpm4 Tropomyosin alpha-4 chain	1.028	1.1272

Tpp2 Tripeptidyl peptidase II, isoform CRA_a	1.0375	1.0568
Tppp Similar to 25 kDa brain-specific protein (P25-alpha) (Predicted), isoform CRA_a	1.4859	0.8551
Tppp3 Tubulin polymerization-promoting protein family member 3	0.7727	0.8395
Tra1 Isoform 1 of Endoplasmin	0.9036	1.0765
Tra2a Tra2a protein	0.9638	0.9908
Trap1 Heat shock protein 75 kDa, mitochondrial	0.7798	1.028
Trim2 Tripartite motif protein 2	0.8954	0.8017
Trim28 Transcription intermediary factor 1-beta	3.4674	1.0375
Trio 344 kDa protein	1.2246	0.9376
Tsfm similar to Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) (2A3-2) isoform 2	1.7378	2.355
Tsn Da2-35	0.9204	1.2942
Tspan7 Neuroprotective protein 5	0.863	1.1376
Tst Thiosulfate sulfurtransferase	1.4588	1.0666
Ttc7b 65 kDa protein	1.5996	0.8091
Ttyh1 Protein tweety homolog 1	0.6546	1.1482
Ttyh3 Putative uncharacterized protein Ttyh3	0.8472	1.0471
Tuba1a Tubulin alpha-1A chain	0.6138	1.0864
Tuba4a Tubulin alpha-4A chain	1.2474	1.1588
Tuba8 Tubulin alpha-8 chain	0.6081	1.4859
Tubb2a Tubulin beta-2A chain	0.2858	0.929
Tubb3 Tubulin beta-3 chain	0.9908	1.0568
Tubb4 tubulin, beta 4	0.3945	1.1272
Tubb5 Isoform 1 of Tubulin beta-5 chain	0.7727	0.8395
Tufm Elongation factor Tu, mitochondrial	1.0965	0.9727
tumor protein, translationally-controlled 1-like	1.4322	1.1695
Txn1 Thioredoxin	1.2706	1.2023
Txndc4 47 kDa protein	1.2474	0.9376
Txnl1 Thioredoxin-like protein 1	2.6546	1.0765
Txnrd1 Txnrd1 protein	0.9036	0.7178
U2af2 similar to U2 (RNU2) small nuclear RNA auxiliary factor 2 isoform b isoform 1	1.2023	1.1169
Uba1 Ubiquitin-like modifier-activating enzyme 1	2.2699	1
Uba3 49 kDa protein	0.9204	0.8551
Uba6 Similar to RIKEN cDNA 5730469D23	0.9036	0.879
Ube2k 21 kDa protein	15.417	1.7378
Ube2m Ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast) (Predicted), isoform CRA_a	1.0471	0.7943
Ube2n Ubiquitin-conjugating enzyme E2 N	1.0186	1.0093
Ube2o 141 kDa protein	0.7112	1.0568
Ubqln2 Ubiquilin 2	6.792	0.8472
Uchl1 Ubiquitin carboxyl-terminal hydrolase isozyme L1	2.9107	1.3428
Uchl3-ps1;Uchl3 Ubiquitin carboxyl-terminal hydrolase isozyme L3	1.028	0.912
Ugcgl1 UDP-glucose:glycoprotein glucosyltransferase 1	0.8472	0.8318
Ugp2 Ugp2 protein	1.1376	1.0965
Uqcrb-ps1;Uqcrb ubiquinol-cytochrome c reductase binding protein	3.281	1.2134
Uqcrc1 Cytochrome b-c1 complex subunit 1, mitochondrial	1.2134	1.0765
Uqcrc2 Cytochrome b-c1 complex subunit 2, mitochondrial	1.2023	0.7112
Uqcrfs1 Cytochrome b-c1 complex subunit Rieske, mitochondrial	2.729	1.1066
Uqcrh Cytochrome b-c1 complex subunit 6, mitochondrial	3.5975	0.787
Uqcrq Cytochrome b-c1 complex subunit 8	1.0666	1
Usmg5 Up-regulated during skeletal muscle growth protein 5	1	0.8872
Uso1 General vesicular transport factor p115	0.9638	0.8954
Usp11 ubiquitin specific peptidase 11	1.1695	0.7586
Usp14 Ubiquitin carboxyl-terminal hydrolase	0.912	0.6982
Usp5 Ubiquitin specific protease 5	1.1376	1.1376
Usp7 Ubiquitin carboxyl-terminal hydrolase 7	1.2134	0.7447
Usp9x Putative uncharacterized protein Usp9x	1.1912	1.2023
Utrn Rattus norvegicus utrophin	1.3062	1.0186
Vamp2 18 kDa protein	3.9084	0.9638
Vamp7 Vesicle-associated membrane protein 7	1.0965	1.1695
Vapa Vesicle-associated membrane protein-associated protein A	1.1066	1.1376
Vapb Vesicle-associated membrane protein-associated protein B	1.4859	1
Vars Valyl-tRNA synthetase	0.8241	0.9908
Vat1 Vesicle amine transport protein 1 homolog	0.9204	1.0093
Vcan Isoform V0 of Versican core protein (Fragment)	0.787	1.0568
Vcl Vinculin	0.8872	0.871
Vcp Transitional endoplasmic reticulum ATPase	1.4859	1.3305
Vcpip1 Deubiquitinating protein VCIP135	1.2589	1.1169
Vdac1 Voltage-dependent anion-selective channel protein 1	3.5318	0.8166
Vdac2 Voltage-dependent anion-selective channel protein 2	1.6749	1.0093
Vdac3 Putative uncharacterized protein Vdac3	1.2023	0.9376
Vgf Neurosecretory protein VGF	0.8166	1.3062
Vim Vimentin	0.6252	3.4041
Vps26b vacuolar protein sorting 26 homolog B	1.0965	0.9638
Vps29 Isoform 1 of Vacuolar protein sorting-associated protein 29	1.0093	0.9462
Vps33a Vacuolar protein sorting 33A (Yeast), isoform CRA_a	1.2134	1.1803
Vps35 maternal embryonic message 3	1.3552	0.8954
Vps45 Vacuolar protein sorting-associated protein 45	1.6444	0.8551
Vps52 Putative uncharacterized protein Vps52	0.9638	0.8091
Vsnl1 Visinin-like protein 1	1.3428	1.1376
Vta1 Putative uncharacterized protein Vta1	0.5649	0.6252
Wars tryptophanyl-tRNA synthetase, cytoplasmic	1.4191	1.0471
Wasf1 Wiskott-Aldrich syndrome protein family member 1	1.2589	0.9204
Wdr1 WD repeat-containing protein 1	0.9908	0.7798
Wdr13 WD repeat domain 13 (Predicted), isoform CRA_b	0.5649	0.9376
Wdr7 Isoform 1 of WD repeat-containing protein 7	1.803	1.9231
Wdr77 Ac2-269	0.912	0.8551
Wfs1 WFS1	0.9727	0.2679
Wipf3 Isoform 1 of WAS/WASL-interacting protein family member 3	1.6293	0.9727
Wnk1 Serine/threonine-protein kinase WNK1	1.1482	1.0666
Xpnpep1 Xaa-Pro aminopeptidase 1	0.3404	1.5849
Xpo1 Exportin-1	1.0375	0.8954
Ykt6 Synaptobrevin homolog YKT6	0.7656	1.0666

Ywhab Isoform Short of 14-3-3 protein beta/alpha	0.6026	0.929
Ywhae 14-3-3 protein epsilon	2.1086	1.028
Ywhag 14-3-3 protein gamma	0.5445	1.2359
Ywhah 14-3-3 protein eta	1.3062	1.1803
Ywhaq Putative uncharacterized protein Ywhaq	1.9409	1.0965
Ywhaz 14-3-3 protein zeta/delta	2.421	1.2706
Zadh2 Zinc binding alcohol dehydrogenase, domain containing 2	0.5297	1.028