

Accession	Description
72004262	NP_001025445.1#Ndufs5#595136# NADH dehydrogenase [ubiquinone] iron-sulfur
148539957	NP_666212.3#Ina#226180# alpha-internexin [Mus musculus]
39204499	NP_035040.1#Nefl#18039# neurofilament light polypeptide [Mus musculus]
86355503	NP_001034454.1#Mobp#17433# myelin-associated oligodendrocyte basic protein i
112363107	NP_032717.2#Nefm#18040# neurofilament medium polypeptide [Mus musculus]
161016820	NP_058574.3#Dnpep#13437# aspartyl aminopeptidase isoform b [Mus musculus]
7949055	NP_057886.1#Hpcal1#53602# hippocalcin-like protein 1 [Mus musculus]
31560404	NP_062795.2#Gltf#56356# glycolipid transfer protein [Mus musculus]
148762971	NP_001005424.2#Gm996#381353# uncharacterized protein C9orf172 homolog [Mu
6678079	NP_033269.1#Serpina1a#20700# alpha-1-antitrypsin 1-1 isoform 1 precursor [Mus
124286811	NP_035034.2#Nefh#380684# neurofilament heavy polypeptide [Mus musculus]
146219849	NP_001078918.1#Ctnnd1#12388# catenin delta-1 isoform 3 [Mus musculus]
211065507	NP_803228.2#Dars#226414# aspartate--tRNA ligase, cytoplasmic isoform 1 [Mus m
569000378	XP_006524379.1#Caskin1#268932# PREDICTED: caskin-1 isoform X4 [Mus musculus]
21312520	NP_077198.1#Qdpr#110391# dihydropteridine reductase [Mus musculus]
530678008	NP_001268990.1#Rgs6#50779# regulator of G-protein signaling 6 [Mus musculus]
309270949	XP_001480330.2#Gm10045#100043348# PREDICTED: 60S ribosomal protein L21-lik
226423909	NP_001139790.1#Cnp#12799# 2',3'-cyclic-nucleotide 3'-phosphodiesterase isoform
568973161	XP_006533012.1#Git1#216963# PREDICTED: ARF GTPase-activating protein GIT1 isc
568985564	XP_006518143.1#Rpl15#66480# PREDICTED: 60S ribosomal protein L15 isoform X1
21704100	NP_663533.1#Hadhb#231086# trifunctional enzyme subunit beta, mitochondrial pr
568928764	XP_006502995.1#Urod#22275# PREDICTED: uroporphyrinogen decarboxylase isofo
6755376	NP_035430.1#Rps7#20115# 40S ribosomal protein S7 [Mus musculus]
133922578	NP_613069.3#Ccdc22#54638# coiled-coil domain-containing protein 22 [Mus musci
188219589	NP_034851.2#Lmnb1#16906# lamin-B1 [Mus musculus]
568908913	XP_006529574.1#2310035C23Rik#227446# PREDICTED: lisH domain and HEAT repe
807066384	NP_001292910.1#Diap1#13367# protein diaphanous homolog 1 isoform 3 [Mus mu
7242138	NP_038201.1#Atp1b2#11932# sodium/potassium-transporting ATPase subunit beta
155	ANXA5_HUMAN
170763467	NP_035722.2#Timm44#21856# mitochondrial import inner membrane translocase
226823309	NP_001152847.1#Eif4a1#13681# eukaryotic initiation factor 4A-I isoform 2 [Mus m
260166719	NP_083713.2#Ckap5#75786# cytoskeleton-associated protein 5 isoform 2 [Mus mu
568971480	XP_006532202.1#Mpp3#13384# PREDICTED: MAGUK p55 subfamily member 3 isof
568915467	XP_006498830.1#Gad1#14415# PREDICTED: glutamate decarboxylase 1 isoform X2
334688858	NP_001229310.1#Slc4a10#94229# sodium-driven chloride bicarbonate exchanger i:
83921618	NP_033536.2#Ezr#22350# ezrin [Mus musculus]
244789999	NP_619611.3#Mpst#246221# 3-mercaptopyruvate sulfurtransferase [Mus musculu:
125490380	NP_033534.2#Slc32a1#22348# vesicular inhibitory amino acid transporter [Mus mu
548923858	NP_001271327.1#Sept4#18952# septin-4 isoform 4 [Mus musculus]
13385872	NP_080650.1#Ilf2#67781# interleukin enhancer-binding factor 2 [Mus musculus]
6754084	NP_034488.1#Gstm1#14862# glutathione S-transferase Mu 1 [Mus musculus]
568939016	XP_006504897.1#Wasf3#245880# PREDICTED: wiskott-Aldrich syndrome protein fa
568915490	XP_006498839.1#Gnas#14683# PREDICTED: protein GNAS isoform X5 [Mus musculi
6755256	NP_035354.1#Pygm#19309# glycogen phosphorylase, muscle form [Mus musculus]
6996917	NP_032088.1#G6pdx#14381# glucose-6-phosphate 1-dehydrogenase X [Mus muscu

568954511 XP\_006509328.1#Acl1#14081# PREDICTED: long-chain-fatty-acid--CoA ligase 1 isoform 1 [Mus musculus]  
19527154 NP\_598698.1#Brk1#101314# protein BRICK1 [Mus musculus]  
7106331 NP\_034566.1#H2afx#15270# histone H2AX [Mus musculus]  
19527388 NP\_598911.1#Otub1#107260# ubiquitin thioesterase OTUB1 [Mus musculus]  
6753242 NP\_033918.1#Calb1#12307# calbindin [Mus musculus]  
21536256 NP\_659077.1#Ppp1r1b#19049# protein phosphatase 1 regulatory subunit 1B [Mus musculus]  
568950272 XP\_006507720.1#Ipo7#233726# PREDICTED: importin-7 isoform X1 [Mus musculus]  
357197139 NP\_001239398.1#Bag6#224727# large proline-rich protein BAG6 isoform 3 [Mus musculus]  
568908524 XP\_006529387.1#Syt2#20980# PREDICTED: synaptotagmin-2 isoform X2 [Mus musculus]  
568916096 XP\_006499132.1#Ssb#20823# PREDICTED: lupus La protein homolog isoform X1 [Mus musculus]  
238814391 NP\_031664.3#Cct7#12468# T-complex protein 1 subunit eta [Mus musculus]  
22203763 NP\_038522.2#Cpe#12876# carboxypeptidase E precursor [Mus musculus]  
600971669 NP\_001278115.1#Abr#109934# active breakpoint cluster region-related protein isoform 1 [Mus musculus]  
227499240 NP\_001153098.1#Hagh#14651# hydroxyacylglutathione hydrolase, mitochondrial isoform 1 [Mus musculus]  
568907510 XP\_006496471.1#Epha4#13838# PREDICTED: ephrin type-A receptor 4 isoform X2 [Mus musculus]  
568918221 XP\_006500154.1#Fahd2a#68126# PREDICTED: fumarylacetoacetate hydrolase domain 1 [Mus musculus]  
69885049 NP\_001020426.1#Mbp#17196# myelin basic protein isoform 3 [Mus musculus]  
13385392 NP\_080174.1#Napa#108124# alpha-soluble NSF attachment protein [Mus musculus]  
568972828 XP\_006532849.1#Skp1a#21402# PREDICTED: S-phase kinase-associated protein 1 isoform 1 [Mus musculus]  
31981458 NP\_444338.2#Glr#93692# glutaredoxin-1 [Mus musculus]  
568954159 XP\_006509214.1#Hook3#320191# PREDICTED: protein Hook homolog 3 isoform X4 [Mus musculus]  
568921903 XP\_006501115.1#Kcna2#16490# PREDICTED: potassium voltage-gated channel subunit 2 [Mus musculus]  
113680352 NP\_031646.2#Cbr1#12408# carbonyl reductase [NADPH] 1 [Mus musculus]  
33859801 NP\_789818.1#Fbxo2#230904# F-box only protein 2 [Mus musculus]  
112181167 NP\_031599.2#C1qbp#12261# complement component 1 Q subcomponent-binding protein 1 [Mus musculus]  
594591591 NP\_001277563.1#Ugp2#216558# UTP--glucose-1-phosphate uridylyltransferase isoform 1 [Mus musculus]  
242397487 NP\_001156318.1#Phyhl#70911# phytanoyl-CoA hydroxylase-interacting protein-like 1 [Mus musculus]  
40807498 NP\_032313.2#Hrsp12#15473# ribonuclease UK114 [Mus musculus]  
281485615 NP\_035017.2#Ndufs4#17993# NADH dehydrogenase [ubiquinone] iron-sulfur protein 4 [Mus musculus]  
13569841 NP\_056577.2#Txnrd1#50493# thioredoxin reductase 1, cytoplasmic isoform 2 [Mus musculus]  
568960685 XP\_006510846.1#Atp1b3#11933# PREDICTED: sodium/potassium-transporting ATPase 1B isoform 1 [Mus musculus]  
126032329 NP\_034236.2#Eef1a1#13627# elongation factor 1-alpha 1 [Mus musculus]  
170650632 NP\_001116237.1#Sirt2#64383# NAD-dependent protein deacetylase sirtuin-2 isoform 1 [Mus musculus]  
6755202 NP\_036101.1#Psm3#26446# proteasome subunit beta type-3 [Mus musculus]  
225735655 NP\_001139595.1#Psap#19156# prosaposin isoform E preproprotein [Mus musculus]  
568938961 XP\_006504870.1#Hmgb1#15289# PREDICTED: high mobility group--protein B1 isoform 1 [Mus musculus]  
70909327 NP\_034069.2#Cops2#12848# COP9 signalosome complex subunit 2 isoform b [Mus musculus]  
160333923 NP\_058085.2#Hnrnpu#51810# heterogeneous nuclear ribonucleoprotein U [Mus musculus]  
568911073 XP\_006497013.1#Aldh9a1#56752# PREDICTED: 4-trimethylaminobutyraldehyde dehydrogenase 9 [Mus musculus]  
568927577 XP\_006538412.1#Slc24a2#76376# PREDICTED: sodium/potassium/calcium exchanger 2 [Mus musculus]  
158186704 NP\_001103383.1#Hnrnpm#76936# heterogeneous nuclear ribonucleoprotein M isoform 1 [Mus musculus]  
227499988 NP\_001153105.1#Slc44a1#100434# choline transporter-like protein 1 isoform B [Mus musculus]  
100817933 NP\_766266.3#Acad9#229211# acyl-CoA dehydrogenase family member 9, mitochondrial isoform 1 [Mus musculus]  
19527256 NP\_598801.1#Ddx1#104721# ATP-dependent RNA helicase DDX1 [Mus musculus]  
569012136 XP\_006528983.1#Acot9#56360# PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial isoform 1 [Mus musculus]  
225543196 NP\_001139431.1#Ndr2#29811# protein NDRG2 isoform 2 [Mus musculus]

31542602 NP\_034615.2#Elavl1#15568# ELAV-like protein 1 [Mus musculus]  
569003063 XP\_006525609.1#Camk4#12326# PREDICTED: calcium/calmodulin-dependent prote  
227330633 NP\_082408.3#Pgm2#72157# phosphoglucomutase-2 [Mus musculus]  
31981945 NP\_033464.2#Rpl13a#22121# 60S ribosomal protein L13a [Mus musculus]  
12963571 NP\_075691.1#Ndufa7#66416# NADH dehydrogenase [ubiquinone] 1 alpha subcom  
568907697 XP\_006496561.1#Cul3#26554# PREDICTED: cullin-3 isoform X3 [Mus musculus]  
6753022 NP\_033777.1#Ak4#11639# adenylate kinase 4, mitochondrial [Mus musculus]  
7549752 NP\_036172.1#Cul1#26965# cullin-1 [Mus musculus]  
227330544 NP\_031782.3#Cplx1#12889# complexin-1 [Mus musculus]  
85861231 NP\_001034290.1#Hdhd2#76987# haloacid dehalogenase-like hydrolase domain-co  
568908693 XP\_006529469.1#Rab3gap1#226407# PREDICTED: rab3 GTPase-activating protein c  
261824000 NP\_035314.3#Psm3#19167# proteasome subunit alpha type-3 [Mus musculus]  
34328471 NP\_062364.3#Rala#56044# ras-related protein Ral-A precursor [Mus musculus]  
755538972 XP\_011247395.1#Myo18a#360013# PREDICTED: unconventional myosin-XVIIIa isof  
568990347 XP\_006520079.1#Cct5#12465# PREDICTED: T-complex protein 1 subunit epsilon iso  
171184435 NP\_067320.2#Hacd3#57874# very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase  
755506697 XP\_011248385.1#Nudt2#66401# PREDICTED: bis(5'-nucleosyl)-tetrphosphatase [a  
33563282 NP\_036095.1#Psm1#26440# proteasome subunit alpha type-1 [Mus musculus]  
165377150 NP\_001004357.2#Cntnap2#66797# contactin-associated protein-like 2 isoform a pr  
672424492 NP\_001288274.1#Hnrnpk#15387# heterogeneous nuclear ribonucleoprotein K isof  
84662745 NP\_032165.3#Gnaq#14682# guanine nucleotide-binding protein G(q) subunit alpha  
170763483 NP\_001116292.1#Ap3m2#64933# AP-3 complex subunit mu-2 [Mus musculus]  
31543330 NP\_032736.2#Nnt#18115# NAD(P) transhydrogenase, mitochondrial isoform 1 prec  
568995055 XP\_006522062.1#Tfrc#22042# PREDICTED: transferrin receptor protein 1 isoform X  
258547156 NP\_035182.2#Pdcd6ip#18571# programmed cell death 6-interacting protein isoform  
568955180 XP\_006509601.1#Ap1m1#11767# PREDICTED: AP-1 complex subunit mu-1 isoform  
6755863 NP\_035761.1#Hsp90b1#22027# endoplasmic precursor [Mus musculus]  
6679337 NP\_032876.1#Pitpna#18738# phosphatidylinositol transfer protein alpha isoform [P  
21313144 NP\_080218.1#Ola1#67059# obg-like ATPase 1 isoform a [Mus musculus]  
26006861 NP\_742146.1#Pdxk#216134# pyridoxal kinase [Mus musculus]  
37202121 NP\_766549.2#Abat#268860# 4-aminobutyrate aminotransferase, mitochondrial iso  
6678768 NP\_032564.1#Marcks#17118# myristoylated alanine-rich C-kinase substrate [Mus r  
45597447 NP\_035564.1#Sod1#20655# superoxide dismutase [Cu-Zn] [Mus musculus]  
116734870 NP\_032543.2#Lta4h#16993# leukotriene A-4 hydrolase [Mus musculus]  
160333789 NP\_035597.2#Spr#20751# sepiapterin reductase [Mus musculus]  
196115327 NP\_001124492.1#Gfap#14580# glial fibrillary acidic protein isoform 1 [Mus muscul  
6754086 NP\_034490.1#Gstm5#14866# glutathione S-transferase Mu 5 [Mus musculus]  
257153448 NP\_038920.2#Pcsk1n#30052# proSAAS precursor [Mus musculus]  
160298217 NP\_034487.2#Gsta4#14860# glutathione S-transferase A4 [Mus musculus]  
255003777 NP\_080305.2#Glod4#67201# glyoxalase domain-containing protein 4 [Mus muscul  
568929710 XP\_006503443.1#Smap2#69780# PREDICTED: stromal membrane-associated protei  
254675251 NP\_958792.2#Plec#18810# plectin isoform 1d [Mus musculus]  
755519133 XP\_011248743.1#Mag#17136# PREDICTED: myelin-associated glycoprotein isoform  
568972945 XP\_006532907.1#Acsl6#216739# PREDICTED: long-chain-fatty-acid--CoA ligase 6 isc  
568944898 XP\_006539622.1#Hnrnp#15388# PREDICTED: heterogeneous nuclear ribonucleopr  
22122795 NP\_666341.1#Dync1li1#235661# cytoplasmic dynein 1 light intermediate chain 1 [M

258547146 NP\_001158143.1#Dnaja1#15502# dnaJ homolog subfamily A member 1 [Mus musc  
575501696 NP\_001276460.1#Cndp2#66054# cytosolic non-specific dipeptidase [Mus musculus  
568933657 XP\_006503744.1#Add1#11518# PREDICTED: alpha-adducin isoform X13 [Mus musc  
30520239 NP\_848887.1#Nceh1#320024# neutral cholesterol ester hydrolase 1 [Mus musculus  
6681095 NP\_031834.1#Cycs#13063# cytochrome c, somatic [Mus musculus]  
755499302 XP\_011237757.1#Madd#228355# PREDICTED: MAP kinase-activating death domain  
30409956 NP\_848492.1#Atp1a2#98660# sodium/potassium-transporting ATPase subunit alph  
18087805 NP\_032529.2#Rps2#16898# 40S ribosomal protein S2 [Mus musculus]  
112293266 NP\_032326.3#Hspa4#15525# heat shock 70 kDa protein 4 [Mus musculus]  
111955312 NP\_034948.3#Cd200#17470# OX-2 membrane glycoprotein precursor [Mus muscul  
300388153 NP\_001177956.1#Dync1i1#13426# cytoplasmic dynein 1 intermediate chain 1 isofo  
17933768 NP\_525028.1#Grhpr#76238# glyoxylate reductase/hydroxypyruvate reductase [Mu  
568965003 XP\_006512604.1#Gja1#14609# PREDICTED: gap junction alpha-1 protein isoform X1  
12025542 NP\_062626.1#Asna1#56495# ATPase Asna1 [Mus musculus]  
38142460 NP\_080971.2#Etfb#110826# electron transfer flavoprotein subunit beta [Mus musc  
21539599 NP\_079917.1#Uqcrh#66576# cytochrome b-c1 complex subunit 6, mitochondrial [N  
568973607 XP\_006533222.1#Ubb#22187# PREDICTED: polyubiquitin-B isoform X1 [Mus muscu  
755513544 XP\_006530271.2#Rasal1#19415# PREDICTED: rasGAP-activating-like protein 1 isofo  
569007898 XP\_006527442.1#Hspa12a#73442# PREDICTED: heat shock 70 kDa protein 12A isof  
568961907 XP\_006511433.1#Pccb#66904# PREDICTED: propionyl-CoA carboxylase beta chain,  
459683868 NP\_001264051.1#Hnrnpr#74326# heterogeneous nuclear ribonucleoprotein R isofc  
568942420 XP\_006506449.1#Copg1#54161# PREDICTED: coatomer subunit gamma-1 isoform X  
283135110 NP\_758512.3#Mthfd1l#270685# monofunctional C1-tetrahydrofolate synthase, mit  
241982783 NP\_766086.2#Ptk2b#19229# protein-tyrosine kinase 2-beta isoform 3 [Mus muscul  
6755983 NP\_036168.1#Vsnl1#26950# visinin-like protein 1 [Mus musculus]  
28372479 NP\_077228.1#Rps25#75617# 40S ribosomal protein S25 [Mus musculus]  
165377065 NP\_079923.3#Cmpk1#66588# UMP-CMP kinase [Mus musculus]  
30520131 NP\_848818.1#Slc6a1#232333# sodium- and chloride-dependent GABA transporter  
158711686 NP\_065066.2#Slc12a5#57138# solute carrier family 12 member 5 [Mus musculus]  
31560239 NP\_079886.2#Asrgl1#66514# isoaspartyl peptidase/L-asparaginase [Mus musculus]  
358439483 NP\_001240610.1#Immt#76614# MICOS complex subunit Mic60 isoform 2 [Mus mu:  
568940569 XP\_006505556.1#Dctn1#13191# PREDICTED: dynactin subunit 1 isoform X9 [Mus m  
228008337 NP\_032974.2#Psmc3#19182# 26S protease regulatory subunit 6A [Mus musculus]  
163954948 NP\_034743.3#Khsrp#16549# far upstream element-binding protein 2 [Mus muscul  
755547658 XP\_011243224.1#Pcca#110821# PREDICTED: propionyl-CoA carboxylase alpha chain  
37700232 NP\_032730.1#Nme1#18102# nucleoside diphosphate kinase A [Mus musculus]  
568995370 XP\_006522210.1#Mapk1#26413# PREDICTED: mitogen-activated protein kinase 1 is  
568992018 XP\_006520824.1#Fam49b#223601# PREDICTED: protein FAM49B isoform X1 [Mus i  
12963737 NP\_076054.1#Cse1l#110750# exportin-2 [Mus musculus]  
16716503 NP\_444429.1#Cadm3#94332# cell adhesion molecule 3 precursor [Mus musculus]  
89001109 NP\_034433.3#Gna13#14674# guanine nucleotide-binding protein subunit alpha-13  
568982851 XP\_006517069.1#Hist1h2a#667728# PREDICTED: histone H2A type 2-A, partial [Mu  
257900520 NP\_064323.2#Mpp6#56524# MAGUK p55 subfamily member 6 isoform b [Mus mus  
568974509 XP\_006533648.1#Myo1d#338367# PREDICTED: unconventional myosin-1d isoform X  
88014720 NP\_032405.3#Kpnb1#16211# importin subunit beta-1 [Mus musculus]  
568993633 XP\_006521604.1#Sbf1#77980# PREDICTED: myotubularin-related protein 5 isoform

161484668 NP\_766295.2#Ppp1cb#19046# serine/threonine-protein phosphatase PP1-beta cat:  
71043944 NP\_062701.2#Snx1#56440# sorting nexin-1 [Mus musculus]  
6754220 NP\_034577.1#Hnrnpa1#15382# heterogeneous nuclear ribonucleoprotein A1 isofo  
23956058 NP\_035253.1#Plp1#18823# myelin proteolipid protein isoform 1 [Mus musculus]  
568979727 XP\_006515970.1#Gphn#268566# PREDICTED: gephyrin isoform X9 [Mus musculus]  
21313162 NP\_083852.1#Rab1b#76308# ras-related protein Rab-1B [Mus musculus]  
319402143 NP\_001188320.1#Hbb-bs#100503605# hemoglobin, beta adult s chain [Mus muscu  
171906578 NP\_033037.2#Rad23b#19359# UV excision repair protein RAD23 homolog B [Mus n  
568988763 XP\_006519603.1#Ipo5#70572# PREDICTED: importin-5 isoform X3 [Mus musculus]  
31560819 NP\_032446.2#Kcnb1#16500# potassium voltage-gated channel subfamily B membe  
116256491 NP\_733924.2#Ank3#11735# ankyrin-3 isoform a [Mus musculus]  
6754994 NP\_035995.1#Pcbp1#23983# poly(rC)-binding protein 1 [Mus musculus]  
755566692 XP\_011246162.1#Huwe1#59026# PREDICTED: E3 ubiquitin-protein ligase HUWE1 is  
569010246 XP\_006528149.1#Atp2b3#320707# PREDICTED: plasma membrane calcium-transpo  
176865892 NP\_038534.2#Eif4a2#13682# eukaryotic initiation factor 4A-II isoform a [Mus musc  
31981939 NP\_033477.2#Tubb4a#22153# tubulin beta-4A chain [Mus musculus]  
29789289 NP\_444349.1#Echs1#93747# enoyl-CoA hydratase, mitochondrial precursor [Mus r  
568904641 XP\_006544819.1#LOC102642938#102642938# PREDICTED: heterogeneous nuclear  
755565097 XP\_011245805.1#Ogt#108155# PREDICTED: UDP-N-acetylglucosamine--peptide N-  
33504483 NP\_084043.1#Rps9#76846# 40S ribosomal protein S9 [Mus musculus]  
568908101 XP\_006529181.1#Dhx9#13211# PREDICTED: ATP-dependent RNA helicase A isoform  
158966704 NP\_038675.2#Rps16#20055# 40S ribosomal protein S16 [Mus musculus]  
171543899 NP\_786926.2#Plxna4#243743# plexin-A4 precursor [Mus musculus]  
755499054 XP\_011237700.1#Slc1a2#20511# PREDICTED: excitatory amino acid transporter 2 is  
33468857 NP\_032274.1#Hint1#15254# histidine triad nucleotide-binding protein 1 [Mus musc  
33667095 NP\_766604.2#Vat1l#270097# synaptic vesicle membrane protein VAT-1 homolog-li  
21450277 NP\_659149.1#Atp1a1#11928# sodium/potassium-transporting ATPase subunit alph  
755512767 XP\_011247846.1#Slc4a4#54403# PREDICTED: electrogenic sodium bicarbonate cotr  
227330561 NP\_034227.3#Sparcl1#13602# SPARC-like protein 1 precursor [Mus musculus]  
568926471 XP\_006537875.1#N28178#230085# PREDICTED: protein KIAA1045 isoform X3 [Mus  
56790900 NP\_001007222.1#Adam22#11496# disintegrin and metalloproteinase domain-cont  
6753136 NP\_033850.1#Atox1#11927# copper transport protein ATOX1 [Mus musculus]  
9790125 NP\_062728.1#Tagln3#56370# transgelin-3 [Mus musculus]  
162417975 NP\_034627.3#Idh1#15926# isocitrate dehydrogenase [NADP] cytoplasmic [Mus mu  
755544182 XP\_011242598.1#Ryr2#20191# PREDICTED: ryanodine receptor 2 isoform X2 [Mus r  
569011419 XP\_006528639.1#Tceal5#331532# PREDICTED: transcription elongation factor A prc  
262263372 NP\_057870.3#Ahcy#269378# adenosylhomocysteinase [Mus musculus]  
241982771 NP\_001001983.2#Pi4ka#224020# phosphatidylinositol 4-kinase alpha [Mus muscul  
568979680 XP\_006515947.1#Pasma6#26443# PREDICTED: proteasome subunit alpha type-6 iso  
6754024 NP\_034447.1#Gng4#14706# guanine nucleotide-binding protein G(I)/G(S)/G(O) sub  
9790141 NP\_062798.1#Arpc3#56378# actin-related protein 2/3 complex subunit 3 [Mus mus  
24233554 NP\_683740.1#Slc1a3#20512# excitatory amino acid transporter 1 [Mus musculus]  
226823367 NP\_034339.2#Fh1#14194# fumarate hydratase, mitochondrial precursor [Mus mus  
25141233 NP\_034901.2#Matr3#17184# matrin-3 [Mus musculus]  
356582492 NP\_001239217.1#Ogdh#18293# 2-oxoglutarate dehydrogenase, mitochondrial isof  
568962755 XP\_006511697.1#Bsn#12217# PREDICTED: protein bassoon isoform X1 [Mus muscu

18859597 NP\_077182.1#Ndufc2#68197# NADH dehydrogenase [ubiquinone] 1 subunit C2 [Mus musculus]  
568961317 XP\_006511152.1#Lingo1#235402# PREDICTED: leucine-rich repeat and immunoglobulin-like domain  
6681137 NP\_031856.1#Dbi#13167# acyl-CoA-binding protein isoform 2 [Mus musculus]  
6680832 NP\_031615.1#Calm2#12314# calmodulin [Mus musculus]  
226443091 NP\_084148.1#Hnrnpa0#77134# heterogeneous nuclear ribonucleoprotein A0 [Mus musculus]  
568979853 XP\_006516032.1#Nrcam#319504# PREDICTED: neuronal cell adhesion molecule isoform 1  
411147387 NP\_598912.4#Yars#107271# tyrosine--tRNA ligase, cytoplasmic [Mus musculus]  
407027854 NP\_001258335.1#Capzb#12345# F-actin-capping protein subunit beta isoform d [Mus musculus]  
70778812 NP\_780421.2#Tmem65#74868# transmembrane protein 65 [Mus musculus]  
134031994 NP\_032970.2#Pasma2#19166# proteasome subunit alpha type-2 [Mus musculus]  
30794450 NP\_077174.1#Rpl4#67891# 60S ribosomal protein L4 [Mus musculus]  
326381098 NP\_001191908.1#Sars#20226# serine--tRNA ligase, cytoplasmic isoform 2 [Mus musculus]  
313151222 NP\_001186225.1#Acly#104112# ATP-citrate synthase isoform 1 [Mus musculus]  
569003472 XP\_006525808.1#Mapre2#212307# PREDICTED: microtubule-associated protein RP/HA23 [Mus musculus]  
24418919 NP\_722476.1#Pygb#110078# glycogen phosphorylase, brain form [Mus musculus]  
568904952 XP\_006544850.1#LOC102641949#102641949# PREDICTED: ES1 protein homolog, rat  
569004246 XP\_006526183.1#Ube2d2a#56550# PREDICTED: ubiquitin-conjugating enzyme E2 D2  
122 K22E\_HUMAN  
31982520 NP\_031407.2#Acadl#11363# long-chain specific acyl-CoA dehydrogenase, mitochondrial  
595763404 NP\_001277728.1#Inpp4a#269180# type I inositol 3,4-bisphosphate 4-phosphatase I  
41281679 NP\_619733.1#Gnb5#14697# guanine nucleotide-binding protein subunit beta-5 isoform 1  
755553088 XP\_011244110.1#Arvcf#11877# PREDICTED: armadillo repeat protein deleted in velocephalic dysplasia  
239985479 NP\_001155268.1#Gucy1b3#54195# guanylate cyclase soluble subunit beta-1 isoform 1  
568978506 XP\_006515387.1#Rtn1#104001# PREDICTED: reticulon-1 isoform X1 [Mus musculus]  
6680502 NP\_032436.1#Itm2b#16432# integral membrane protein 2B [Mus musculus]  
755531683 XP\_011241239.1#Map4#17758# PREDICTED: microtubule-associated protein 4 isoform 1  
116268115 NP\_057918.2#Auh#11992# methylglutaconyl-CoA hydratase, mitochondrial precursor  
225007593 NP\_034573.2#Hmox2#15369# heme oxygenase 2 [Mus musculus]  
13195604 NP\_077137.1#Rps23#66475# 40S ribosomal protein S23 [Mus musculus]  
10946940 NP\_067493.1#Rab2a#59021# ras-related protein Rab-2A [Mus musculus]  
568929440 XP\_006503316.1#Akr1a1#58810# PREDICTED: alcohol dehydrogenase [NADP(+)] isoform 1  
164565394 NP\_766292.2#Dnajc11#230935# dnaJ homolog subfamily C member 11 [Mus musculus]  
568936184 XP\_006535270.1#Sec31a#69162# PREDICTED: protein transport protein Sec31A isoform 1  
13430890 NP\_056602.1#Hist1h1e#50709# histone H1.4 [Mus musculus]  
23346461 NP\_694704.1#Ndufs2#226646# NADH dehydrogenase [ubiquinone] iron-sulfur protein 2  
755555583 XP\_011244521.1#Mpc1#55951# PREDICTED: mitochondrial pyruvate carrier 1 isoform 1  
27734986 NP\_663517.2#Ahcyl1#229709# putative adenosylhomocysteinase 2 [Mus musculus]  
6681069 NP\_031817.1#Csrp1#13007# cysteine and glycine-rich protein 1 [Mus musculus]  
124487313 NP\_001074550.1#Gls#14660# glutaminase kidney isoform, mitochondrial isoform 1  
124339829 NP\_034609.2#Hspa1a#193740# heat shock 70 kDa protein 1A [Mus musculus]  
569003989 XP\_006526059.1#Rpl17#319195# PREDICTED: 60S ribosomal protein L17 isoform X1  
21728376 NP\_075891.1#Myf12b#67938# myosin regulatory light chain 12B [Mus musculus]  
427918099 NP\_001258790.1#Add2#11519# beta-adducin isoform 2 [Mus musculus]  
161086893 NP\_598542.3#Cab39#12283# calcium-binding protein 39 [Mus musculus]  
651164671 NP\_001280550.1#Ganab#14376# neutral alpha-glucosidase AB isoform 2 precursor  
13385374 NP\_080163.1#Rab5a#271457# ras-related protein Rab-5A [Mus musculus]

30061351 NP\_835582.1#Hist1h4j#319159# histone H4 [Mus musculus]  
6753966 NP\_034401.1#Gpd1#14555# glycerol-3-phosphate dehydrogenase [NAD(+)], cytopl:  
6677839 NP\_033141.1#S100b#20203# protein S100-B [Mus musculus]  
219275596 NP\_081626.2#Nars#70223# asparagine--tRNA ligase, cytoplasmic isoform 2 [Mus m  
568975422 XP\_006534088.1#Snap47#67826# PREDICTED: synaptosomal-associated protein 47  
357394768 NP\_001239422.1#Osbpl1a#64291# oxysterol-binding protein-related protein 1 isofc  
755538368 XP\_011247262.1#Ube2o#217342# PREDICTED: E2/E3 hybrid ubiquitin-protein ligase  
411147445 NP\_001258657.1#Trim2#80890# tripartite motif-containing protein 2 isoform 2 [M  
568970049 XP\_006514664.1#Sptbn1#20742# PREDICTED: spectrin beta chain, non-erythrocytic  
568928284 XP\_006502760.1#Cap1#12331# PREDICTED: adenylyl cyclase-associated protein 1 is  
6680047 NP\_032169.1#Gnb2l1#14694# guanine nucleotide-binding protein subunit beta-2-li  
9790285 NP\_062754.1#Vps29#56433# vacuolar protein sorting-associated protein 29 [Mus n  
56790921 NP\_780398.2#Hepacam#72927# hepatocyte cell adhesion molecule precursor [Mus  
33859811 NP\_849209.1#Hadha#97212# trifunctional enzyme subunit alpha, mitochondrial pr  
189409138 NP\_082270.1#Cand1#71902# cullin-associated NEDD8-dissociated protein 1 [Mus n  
254675270 NP\_033121.2#Rps5#20103# 40S ribosomal protein S5 [Mus musculus]  
568938650 XP\_006504732.1#Adap1#231821# PREDICTED: arf-GAP with dual PH domain-contai  
568933716 XP\_006503773.1#Ctbp1#13016# PREDICTED: C-terminal-binding protein 1 isoform )  
165932333 NP\_001107032.1#Glo1#109801# lactoylglutathione lyase [Mus musculus]  
30089688 NP\_835738.1#Arrb1#109689# beta-arrestin-1 isoform B [Mus musculus]  
6755901 NP\_035783.1#Tuba1a#22142# tubulin alpha-1A chain [Mus musculus]  
110625979 NP\_080283.3#Eef1g#67160# elongation factor 1-gamma [Mus musculus]  
84000009 NP\_036144.2#Gprin1#26913# G protein-regulated inducer of neurite outgrowth 1 [  
255759902 NP\_776101.3#Maoa#17161# amine oxidase [flavin-containing] A [Mus musculus]  
6680724 NP\_031507.1#Arf6#11845# ADP-ribosylation factor 6 [Mus musculus]  
21450129 NP\_659033.1#Acat1#110446# acetyl-CoA acetyltransferase, mitochondrial precurs  
157951596 NP\_033931.4#Car2#12349# carbonic anhydrase 2 [Mus musculus]  
19526936 NP\_598498.1#Lancl2#71835# lanC-like protein 2 [Mus musculus]  
30519971 NP\_848743.1#Atl1#73991# atlastin-1 [Mus musculus]  
71061455 NP\_001021118.1#Dnm1#74006# dynamin-1-like protein isoform b [Mus musculus]  
569002922 XP\_006525541.1#Wdr7#104082# PREDICTED: WD repeat-containing protein 7 isofc  
54607098 NP\_075770.1#Sdha#66945# succinate dehydrogenase [ubiquinone] flavoprotein su  
7305395 NP\_038660.1#Pnp#18950# purine nucleoside phosphorylase [Mus musculus]  
552953687 NP\_001272802.1#Trim3#55992# tripartite motif-containing protein 3 isoform b [M  
112293264 NP\_031978.2#Pdia3#14827# protein disulfide-isomerase A3 precursor [Mus muscul  
85362729 NP\_001034228.1#Camk2g#12325# calcium/calmodulin-dependent protein kinase t  
74315975 NP\_081633.1#Psm1#70247# 26S proteasome non-ATPase regulatory subunit 1 [M  
568956344 XP\_006530838.1#Rbmxl1#19656# PREDICTED: RNA binding motif protein, X-linked-  
164698474 NP\_035500.2#Cyfip1#20430# cytoplasmic FMR1-interacting protein 1 isoform a [M  
569003981 XP\_006526055.1#Bin1#30948# PREDICTED: myc box-dependent-interacting protein  
27370360 NP\_766478.1#Slc6a11#243616# sodium- and chloride-dependent GABA transporter  
7710086 NP\_057885.1#Rab10#19325# ras-related protein Rab-10 [Mus musculus]  
568931796 XP\_006539191.1#Sdhb#67680# PREDICTED: succinate dehydrogenase [ubiquinone]  
34996495 NP\_062616.2#Rpn2#20014# dolichyl-diphosphooligosaccharide--protein glycosyltra  
569008633 XP\_006527629.1#Ddx3x#13205# PREDICTED: ATP-dependent RNA helicase DDX3X i  
7305031 NP\_038841.1#Epb4.1l3#13823# band 4.1-like protein 3 [Mus musculus]

31543940 NP\_062780.2#Vapb#56491# vesicle-associated membrane protein-associated prote  
6754910 NP\_035078.1#Nudc#18221# nuclear migration protein nudC [Mus musculus]  
111494223 NP\_780540.2#Nt5dc3#103466# 5'-nucleotidase domain-containing protein 3 [Mus  
9789995 NP\_062615.1#Stmn1#16765# stathmin [Mus musculus]  
568986774 XP\_006518644.1#Hnrnp#15381# PREDICTED: heterogeneous nuclear ribonucleopr  
568935657 XP\_006535014.1#Mapk10#26414# PREDICTED: mitogen-activated protein kinase 10  
134288917 NP\_084514.2#Dync1h1#13424# cytoplasmic dynein 1 heavy chain 1 [Mus musculus  
6680139 NP\_032220.1#Gk#14933# glycerol kinase isoform 1 [Mus musculus]  
568974718 XP\_006533748.1#Mpp2#50997# PREDICTED: MAGUK p55 subfamily member 2 isof  
568915799 XP\_006498986.1#Pde1a#18573# PREDICTED: calcium/calmodulin-dependent 3',5'-c  
27754103 NP\_080235.2#Psmc6#67089# 26S protease regulatory subunit 10B [Mus musculus]  
755496301 XP\_011237210.1#Eprs#107508# PREDICTED: bifunctional glutamate/proline--tRNA  
568929156 XP\_006503181.1#Ncdn#26562# PREDICTED: neurochondrin isoform X2 [Mus muscu  
755506225 XP\_011248279.1#Cdk5rap2#214444# PREDICTED: CDK5 regulatory subunit-associat  
46593021 NP\_079683.2#Uqcrc1#22273# cytochrome b-c1 complex subunit 1, mitochondrial p  
6753510 NP\_034077.1#Cpne6#12891# copine-6 isoform a [Mus musculus]  
46195430 NP\_659119.2#Ndufs8#225887# NADH dehydrogenase [ubiquinone] iron-sulfur prot  
6671569 NP\_031501.1#Rplp0#11837# 60S acidic ribosomal protein P0 [Mus musculus]  
568966705 XP\_006513298.1#Gnaz#14687# PREDICTED: guanine nucleotide-binding protein G(z  
30519943 NP\_848729.1#Samm50#68653# sorting and assembly machinery component 50 hor  
28077013 NP\_082810.1#Smap1#98366# stromal membrane-associated protein 1 isoform 1 [M  
569005645 XP\_006531742.1#Pcx#18563# PREDICTED: pyruvate carboxylase, mitochondrial isof  
568964960 XP\_006512583.1#Epb4.1l2#13822# PREDICTED: band 4.1-like protein 2 isoform X12  
45598372 NP\_081671.1#Basp1#70350# brain acid soluble protein 1 [Mus musculus]  
160707894 NP\_033788.3#Akr1b3#11677# aldose reductase [Mus musculus]  
18700024 NP\_570954.1#Idh3b#170718# isocitrate dehydrogenase [NAD] subunit beta, mitoch  
167716841 YP\_001686702.1#ATP8#5912284# ATP synthase FO subunit 8 [Mus musculus muscu  
8394027 NP\_058587.1#Ppp2r1a#51792# serine/threonine-protein phosphatase 2A 65 kDa re  
116089273 NP\_032138.3#Gdi2#14569# rab GDP dissociation inhibitor beta [Mus musculus]  
568940123 XP\_006505342.1#Aldh1l1#107747# PREDICTED: cytosolic 10-formyltetrahydrofolate  
238637279 NP\_032603.3#Slc3a2#17254# 4F2 cell-surface antigen heavy chain isoform b [Mus r  
568999766 XP\_006524083.1#Fbxl16#214931# PREDICTED: F-box/LRR-repeat protein 16 isoform  
568971697 XP\_006532308.1#Guk1#14923# PREDICTED: guanylate kinase isoform X1 [Mus mus  
6753320 NP\_033966.1#Cct3#12462# T-complex protein 1 subunit gamma [Mus musculus]  
45433560 NP\_032475.2#Kif5c#16574# kinesin heavy chain isoform 5C [Mus musculus]  
755509987 XP\_006539192.2#Tprgl#67808# PREDICTED: tumor protein p63-regulated gene 1-like  
6681273 NP\_031932.1#Eef1a2#13628# elongation factor 1-alpha 2 [Mus musculus]  
31543971 NP\_062635.2#Ykt6#56418# synaptobrevin homolog YKT6 [Mus musculus]  
13385536 NP\_080310.1#Armc10#67211# armadillo repeat-containing protein 10 [Mus muscu  
112181194 NP\_035165.2#Pak1#18479# serine/threonine-protein kinase PAK 1 [Mus musculus]  
46049022 NP\_079826.2#Psm6#66413# 26S proteasome non-ATPase regulatory subunit 6 [M  
112363072 NP\_083987.1#Arpc2#76709# actin-related protein 2/3 complex subunit 2 [Mus mus  
6678359 NP\_033414.1#Tkt#21881# transketolase [Mus musculus]  
13385554 NP\_080332.1#Cap2#67252# adenylyl cyclase-associated protein 2 [Mus musculus]  
256773295 NP\_001157715.1#Prpsap2#212627# phosphoribosyl pyrophosphate synthase-associ  
240120054 NP\_079613.3#Akr7a5#110198# aflatoxin B1 aldehyde reductase member 2 [Mus m



569019198 XP\_006537191.1#Dlg4#13385# PREDICTED: disks large homolog 4 isoform X8 [Mus  
568909147 XP\_006529690.1#Dpp10#269109# PREDICTED: inactive dipeptidyl peptidase 10 isof  
13385942 NP\_080720.1#Cs#12974# citrate synthase, mitochondrial precursor [Mus musculus]  
226453485 YP\_002791052.1#ND5#7668600# NADH dehydrogenase subunit 5 [Mus musculus c  
755539074 XP\_011247425.1#Nt5c#50773# PREDICTED: 5'(3')-deoxyribonucleotidase, cytosolic  
255522823 NP\_775278.3#Tbc1d24#224617# TBC1 domain family member 24 isoform b [Mus m  
568960787 XP\_006510895.1#Myo5a#17918# PREDICTED: unconventional myosin-Va isoform X  
68226731 NP\_032968.2#Npepps#19155# puromycin-sensitive aminopeptidase [Mus musculus  
40068507 NP\_031791.3#Crmp1#12933# dihydropyrimidinase-related protein 1 isoform 2 [Mu  
291045426 NP\_001166977.1#Map1a#17754# microtubule-associated protein 1A isoform 2 [Mu  
755544665 XP\_011242675.1#Sfxn1#14057# PREDICTED: sideroflexin-1 isoform X2 [Mus muscu  
344217717 NP\_001230686.1#Pde2a#207728# cGMP-dependent 3',5'-cyclic phosphodiesterase  
160333216 NP\_001103970.1#Canx#12330# calnexin precursor [Mus musculus]  
568942796 XP\_006506634.1#Agk#69923# PREDICTED: acylglycerol kinase, mitochondrial isofor  
183396771 NP\_034607.3#Hspd1#15510# 60 kDa heat shock protein, mitochondrial [Mus muscu  
568985464 XP\_006518099.1#Cadps#27062# PREDICTED: calcium-dependent secretion activato  
148747410 NP\_666097.3#Arcn1#213827# coatomer subunit delta [Mus musculus]  
444299620 NP\_001263245.1#Uba1#22201# ubiquitin-like modifier-activating enzyme 1 isoform  
148747526 NP\_033031.2#Rab7#19349# ras-related protein Rab-7a [Mus musculus]  
254540168 NP\_001156906.1#Hspa5#14828# 78 kDa glucose-regulated protein precursor [Mus  
6678437 NP\_033455.1#Tpt1#22070# translationally-controlled tumor protein [Mus musculus  
568968863 XP\_006514333.1#Ndufs7#75406# PREDICTED: NADH dehydrogenase [ubiquinone] i  
84794597 NP\_077779.2#Ppp3r1#19058# calcineurin subunit B type 1 [Mus musculus]  
23956084 NP\_059062.1#Acadvl#11370# very long-chain specific acyl-CoA dehydrogenase, mit  
93102415 NP\_034386.2#Gart#14450# trifunctional purine biosynthetic protein adenosine-3 [M  
33859751 NP\_077774.1#Rab21#216344# ras-related protein Rab-21 [Mus musculus]  
568915235 XP\_006498719.1#Ckmt1#12716# PREDICTED: creatine kinase U-type, mitochondria  
42415473 NP\_032939.1#Ppp3ca#19055# serine/threonine-protein phosphatase 2B catalytic s  
29893569 NP\_775539.1#Eif5#217869# eukaryotic translation initiation factor 5 [Mus muscu  
6680908 NP\_031694.1#Cdk5#12568# cyclin-dependent kinase 5 [Mus musculus]  
755553212 XP\_011244136.1#Kpna1#16646# PREDICTED: importin subunit alpha-5 isoform X2 [  
158635979 NP\_001103610.1#Atp2a2#11938# sarcoplasmic/endoplasmic reticulum calcium ATI  
148747558 NP\_035693.3#Prdx2#21672# peroxiredoxin-2 [Mus musculus]  
162461907 NP\_034611.2#Hspa9#15526# stress-70 protein, mitochondrial [Mus musculus]  
148747424 NP\_031476.3#Slc25a4#11739# ADP/ATP translocase 1 [Mus musculus]  
116174793 NP\_115999.2#Sptbn4#80297# spectrin beta chain, non-erythrocytic 4 isoform sigma  
568910562 XP\_006496765.1#Pea15a#18611# PREDICTED: astrocytic phosphoprotein PEA-15 is  
6755566 NP\_036160.1#Slc9a3r1#26941# Na(+)/H(+) exchange regulatory cofactor NHE-RF1 [  
9790019 NP\_062708.1#Asah1#11886# acid ceramidase precursor [Mus musculus]  
312433957 NP\_001186066.1#Macf1#11426# microtubule-actin cross-linking factor 1 isoform 2  
568921291 XP\_006500830.1#Hspa4l#18415# PREDICTED: heat shock 70 kDa protein 4L isoform  
568981400 XP\_006516550.1#Pfkp#56421# PREDICTED: ATP-dependent 6-phosphofructokinase  
568951405 XP\_006508268.1#Pgm2l1#70974# PREDICTED: glucose 1,6-bisphosphate synthase i:  
311771690 NP\_001185720.1#Ak1#11636# adenylate kinase isoenzyme 1 isoform 2 [Mus muscu  
755565294 XP\_011245855.1#Rps4x#20102# PREDICTED: 40S ribosomal protein S4, X isoform is  
31560656 NP\_032800.2#Pabpc1#18458# polyadenylate-binding protein 1 [Mus musculus]

568922710 XP\_006501503.1#Ak5#229949# PREDICTED: adenylate kinase isoenzyme 5 isoform  
 6755114 NP\_036151.1#Prdx5#54683# peroxiredoxin-5, mitochondrial precursor [Mus muscu  
 568960899 XP\_006510947.1#Nptn#20320# PREDICTED: neuroplastin isoform X2 [Mus muscu  
 11528518 NP\_071313.1#Sv2a#64051# synaptic vesicle glycoprotein 2A [Mus musculus]  
 23956214 NP\_076092.1#Sfpq#71514# splicing factor, proline- and glutamine-rich [Mus muscu  
 7305521 NP\_038789.1#Srr#27364# serine racemase [Mus musculus]  
 30794138 NP\_082568.1#Ppme1#72590# protein phosphatase methylesterase 1 [Mus muscu  
 61888838 NP\_058043.3#Hsd17b10#15108# 3-hydroxyacyl-CoA dehydrogenase type-2 [Mus r  
 42415475 NP\_035162.1#P4hb#18453# protein disulfide-isomerase precursor [Mus musculus]  
 7305581 NP\_038923.1#Timm13#30055# mitochondrial import inner membrane translocase  
 755497436 XP\_011237380.1#Sh3glb2#227700# PREDICTED: endophilin-B2 isoform X6 [Mus mu  
 803378413 NP\_001292773.1#ApoE#11816# apolipoprotein E precursor [Mus musculus]  
 152 TRYP\_PIG  
 161086902 NP\_001104316.1#Cacna2d1#12293# voltage-dependent calcium channel subunit al  
 325910859 NP\_001191804.1#Set#56086# protein SET isoform 2 [Mus musculus]  
 568911813 XP\_006497279.1#Rab3gap2#98732# PREDICTED: rab3 GTPase-activating protein nc  
 568946338 XP\_006540318.1#Actn4#60595# PREDICTED: alpha-actinin-4 isoform X2 [Mus musc  
 568994470 XP\_006521784.1#Atp6v1a#11964# PREDICTED: V-type proton ATPase catalytic sub  
 18079339 NP\_542364.1#Aco2#11429# aconitate hydratase, mitochondrial precursor [Mus mu  
 6753324 NP\_033968.1#Cct6a#12466# T-complex protein 1 subunit zeta [Mus musculus]  
 110625902 NP\_082293.1#Napg#108123# gamma-soluble NSF attachment protein [Mus muscul  
 755519194 XP\_011248758.1#Pld3#18807# PREDICTED: phospholipase D3 isoform X3 [Mus mus  
 357394934 NP\_001239447.1#Nono#53610# non-POU domain-containing octamer-binding prot  
 254281331 NP\_061349.3#Slc1a4#55963# neutral amino acid transporter A [Mus musculus]  
 111038118 NP\_032238.2#Hadh#15107# hydroxyacyl-coenzyme A dehydrogenase, mitochondri  
 34098931 NP\_031612.1#Calb2#12308# calretinin [Mus musculus]  
 19527258 NP\_598803.1#Aldh6a1#104776# methylmalonate-semialdehyde dehydrogenase [a  
 569009753 XP\_006527907.1#Idh3g#15929# PREDICTED: isocitrate dehydrogenase [NAD] subur  
 110625948 NP\_694791.2#Acat3#224530# acetyl-Coenzyme A acetyltransferase 3 [Mus muscul  
 31542413 NP\_035909.2#Coro1c#23790# coronin-1C [Mus musculus]  
 254540027 NP\_032644.3#Mdh1#17449# malate dehydrogenase, cytoplasmic [Mus musculus]  
 10946574 NP\_067248.1#Ckb#12709# creatine kinase B-type [Mus musculus]  
 31982393 NP\_031966.2#Ephx2#13850# bifunctional epoxide hydrolase 2 isoform a [Mus musi  
 6754254 NP\_034610.1#Hsp90aa1#15519# heat shock protein HSP 90-alpha [Mus musculus]  
 14389431 NP\_058017.1#Stip1#20867# stress-induced-phosphoprotein 1 [Mus musculus]  
 597517936 NP\_001277985.1#Snap25#20614# synaptosomal-associated protein 25 isoform b [M  
 359279952 NP\_001240685.1#Gpm6a#234267# neuronal membrane glycoprotein M6-a isoform  
 22267442 NP\_080175.1#Uqcrc2#67003# cytochrome b-c1 complex subunit 2, mitochondrial p  
 568987554 XP\_006519014.1#Ogdhl#239017# PREDICTED: 2-oxoglutarate dehydrogenase-like, i  
 568968072 XP\_006513956.1#Nap1l1#53605# PREDICTED: nucleosome assembly protein 1-like  
 18250284 NP\_083849.1#Idh3a#67834# isocitrate dehydrogenase [NAD] subunit alpha, mitoch  
 755554060 XP\_011244319.1#Bdh1#71911# PREDICTED: D-beta-hydroxybutyrate dehydrogenas  
 6754004 NP\_034431.1#Gna11#14672# guanine nucleotide-binding protein subunit alpha-11  
 568906168 XP\_006495948.1#Tpp2#22019# PREDICTED: tripeptidyl-peptidase 2 isoform X1 [Mu  
 9790055 NP\_062732.1#Mtch2#56428# mitochondrial carrier homolog 2 [Mus musculus]  
 14192922 NP\_033738.1#Actc1#11464# actin, alpha cardiac muscle 1 [Mus musculus]

266458391 NP\_067259.4#Kras#16653# GTPase KRas [Mus musculus]  
568904643 XP\_006544594.1#LOC102642619#102642619# PREDICTED: peroxiredoxin-6 [Mus m  
568952615 XP\_006508536.1#Cctn#13043# PREDICTED: src substrate cortactin isoform X1 [Mus  
126723336 NP\_031557.2#Phb2#12034# prohibitin-2 [Mus musculus]  
568994456 XP\_006521777.1#Alcam#11658# PREDICTED: CD166 antigen isoform X1 [Mus musc  
31980648 NP\_058054.2#Atp5b#11947# ATP synthase subunit beta, mitochondrial precursor [M  
160298209 NP\_034454.2#Got1#14718# aspartate aminotransferase, cytoplasmic [Mus muscul  
21489933 NP\_036082.1#Mapk3#26417# mitogen-activated protein kinase 3 [Mus musculus]  
6753322 NP\_033967.1#Cct4#12464# T-complex protein 1 subunit delta [Mus musculus]  
33859662 NP\_036167.1#Vat1#26949# synaptic vesicle membrane protein VAT-1 homolog [M  
225579033 NP\_766599.2#Idh2#269951# isocitrate dehydrogenase [NADP], mitochondrial preci  
167716840 YP\_001686701.1#COX2#5912281# cytochrome c oxidase subunit II [Mus musculus r  
260166642 NP\_001159374.1#Ctnnb1#12387# catenin beta-1 [Mus musculus]  
93102409 NP\_032014.3#Fasn#14104# fatty acid synthase [Mus musculus]  
110625624 NP\_038714.2#Tcp1#21454# T-complex protein 1 subunit alpha isoform 1 [Mus mus  
22550094 NP\_032950.1#Prkar2a#19087# cAMP-dependent protein kinase type II-alpha regula  
13386054 NP\_080828.1#Apc4#68089# actin-related protein 2/3 complex subunit 4 isoform 1  
33859482 NP\_031933.1#Eef2#13629# elongation factor 2 [Mus musculus]  
568999008 XP\_006523719.1#Flot1#14251# PREDICTED: flotillin-1 isoform X1 [Mus musculus]  
13385322 NP\_080119.1#Ndufb7#66916# NADH dehydrogenase [ubiquinone] 1 beta subcomp  
45504359 NP\_031536.2#Atp6v1e1#11973# V-type proton ATPase subunit E 1 [Mus musculus]  
568904377 XP\_006544804.1#LOC102642137#102642137# PREDICTED: 40S ribosomal protein S  
9789997 NP\_062668.1#Letm1#56384# LETM1 and EF-hand domain-containing protein 1, mit  
9789991 NP\_062631.1#Hsd17b12#56348# very-long-chain 3-oxoacyl-CoA reductase [Mus m  
126521835 NP\_031662.2#Cct2#12461# T-complex protein 1 subunit beta [Mus musculus]  
545746274 NP\_001271118.1#Homer1#26556# homer protein homolog 1 isoform b [Mus musc  
7106439 NP\_035785.1#Tubb5#22154# tubulin beta-5 chain [Mus musculus]  
568979363 XP\_006515792.1#Ahsa1#217737# PREDICTED: activator of 90 kDa heat shock prote  
253735731 NP\_001156715.1#Fis1#66437# mitochondrial fission 1 protein isoform 2 [Mus musc  
13507622 NP\_109617.1#Sacm1#83493# phosphatidylinositide phosphatase SAC1 [Mus musc  
568991661 XP\_006520649.1#Pcbp2#18521# PREDICTED: poly(rC)-binding protein 2 isoform X1  
239051082 NP\_001155090.1#Cul5#75717# cullin-5 isoform 2 [Mus musculus]  
27369581 NP\_766024.1#Slc25a12#78830# calcium-binding mitochondrial carrier protein Aral  
13928670 NP\_075373.1#Vps35#65114# vacuolar protein sorting-associated protein 35 [Mus r  
226442759 NP\_001140159.1#Pip5k1c#18717# phosphatidylinositol 4-phosphate 5-kinase type-  
56682931 NP\_001003899.1#Tardbp#230908# TAR DNA-binding protein 43 isoform 3 [Mus mu  
568965829 XP\_006512996.1#Wasf1#83767# PREDICTED: wiskott-Aldrich syndrome protein fan  
159110562 NP\_032345.2#Icam5#15898# intercellular adhesion molecule 5 precursor [Mus mus  
295054266 NP\_001171138.1#Sptan1#20740# spectrin alpha chain, non-erythrocytic 1 isoform :  
33859640 NP\_035658.1#Taldo1#21351# transaldolase [Mus musculus]  
568939485 XP\_006505081.1#Ptprz1#19283# PREDICTED: receptor-type tyrosine-protein phosph  
568944716 XP\_006539535.1#Slc8a2#110891# PREDICTED: sodium/calcium exchanger 2 isoform  
568960677 XP\_006510842.1#Anp32a#11737# PREDICTED: acidic leucine-rich nuclear phosphor  
13385854 NP\_080628.1#Ppid#67738# peptidyl-prolyl cis-trans isomerase D [Mus musculus]  
58037267 NP\_082235.1#Pdia6#71853# protein disulfide-isomerase A6 precursor [Mus muscul  
31981304 NP\_038505.2#Atp6v0d1#11972# V-type proton ATPase subunit d 1 [Mus musculus]

283945579 NP\_001152987.1#H2afy#26914# core histone macro-H2A.1 isoform 4 [Mus musculus]  
568967017 XP\_006513447.1#Rab5b#19344# PREDICTED: ras-related protein Rab-5B isoform X1  
18390323 NP\_080973.1#Rab14#68365# ras-related protein Rab-14 [Mus musculus]  
568991693 XP\_006520665.1#Pfk#18642# PREDICTED: ATP-dependent 6-phosphofructokinase  
13385976 NP\_080766.1#Mrpl19#56284# 39S ribosomal protein L19, mitochondrial [Mus musculus]  
31982186 NP\_032643.2#Mdh2#17448# malate dehydrogenase, mitochondrial precursor [Mus musculus]  
568930614 XP\_006538626.1#Hmgcl#15356# PREDICTED: hydroxymethylglutaryl-CoA lyase, mitochondrial  
84370256 NP\_598530.2#Cyfip2#76884# cytoplasmic FMR1-interacting protein 2 [Mus musculus]  
94721328 NP\_038961.2#Vapa#30960# vesicle-associated membrane protein-associated protein  
163838648 NP\_001106209.1#Atp5c1#11949# ATP synthase subunit gamma, mitochondrial isoform X1  
50053703 NP\_758465.2#Ppp1r9b#217124# neurabin-2 [Mus musculus]  
46195798 NP\_031864.2#Ddost#13200# dolichyl-diphosphooligosaccharide--protein glycosyltransferase  
568916013 XP\_006499092.1#Scn1a#20265# PREDICTED: sodium channel protein type 1 subunit alpha  
27552760 NP\_613065.2#Tomm70a#28185# mitochondrial import receptor subunit TOM70 [Mus musculus]  
6680027 NP\_032159.1#Glud1#14661# glutamate dehydrogenase 1, mitochondrial precursor  
568921751 XP\_006501042.1#Dclk1#13175# PREDICTED: serine/threonine-protein kinase DCLK1  
568903782 XP\_006543536.1#LOC102642689#102642689# PREDICTED: 40S ribosomal protein S19  
19482160 NP\_082347.1#Cotl1#72042# coactosin-like protein [Mus musculus]  
262118191 NP\_766520.2#Nlgn3#245537# neuroligin-3 precursor [Mus musculus]  
114326446 NP\_071855.2#Myh9#17886# myosin-9 [Mus musculus]  
21312036 NP\_081806.1#Rufy3#52822# protein RUFY3 isoform 4 [Mus musculus]  
21312314 NP\_082483.1#Dusp3#72349# dual specificity protein phosphatase 3 [Mus musculus]  
27370092 NP\_766333.1#Tufm#233870# elongation factor Tu, mitochondrial isoform 1 [Mus musculus]  
6755372 NP\_036182.1#Rps3#27050# 40S ribosomal protein S3 [Mus musculus]  
47059486 NP\_064667.2#Pdxp#57028# pyridoxal phosphate phosphatase [Mus musculus]  
755530066 XP\_006511148.2#Dmxl2#235380# PREDICTED: dmX-like protein 2 isoform X3 [Mus musculus]  
568940591 XP\_006505567.1#Eno2#13807# PREDICTED: gamma-enolase isoform X1 [Mus musculus]  
6678674 NP\_032518.1#Ldhb#16832# L-lactate dehydrogenase B chain isoform 1 [Mus musculus]  
22122825 NP\_666355.1#Actr2#66713# actin-related protein 2 [Mus musculus]  
254692859 NP\_079634.2#Ndufa9#66108# NADH dehydrogenase [ubiquinone] 1 alpha subcomplex  
568973007 XP\_006532937.1#Arhgap44#216831# PREDICTED: rho GTPase-activating protein 44  
755544221 XP\_011242606.1#Amph#218038# PREDICTED: amphiphysin isoform X1 [Mus musculus]  
568921739 XP\_006501036.1#Cryz#12972# PREDICTED: quinone oxidoreductase isoform X1 [Mus musculus]  
31088914 NP\_852063.1#Anks1b#77531# ankyrin repeat and sterile alpha motif domain-containing protein  
54292132 NP\_803155.1#Psat1#107272# phosphoserine aminotransferase isoform 1 [Mus musculus]  
116256510 NP\_001070732.1#Ap2a1#11771# AP-2 complex subunit alpha-1 isoform b [Mus musculus]  
6755040 NP\_035202.1#Pfn1#18643# profilin-1 [Mus musculus]  
568986628 XP\_006518571.1#Dpysl2#12934# PREDICTED: dihydropyrimidinase-related protein 2  
568962941 XP\_006511785.1#Camkv#235604# PREDICTED: caM kinase-like vesicle-associated protein  
19527228 NP\_598768.1#Cisd1#52637# CDGSH iron-sulfur domain-containing protein 1 [Mus musculus]  
755497126 XP\_006497717.2#Dnm1#13429# PREDICTED: dynamin-1 isoform X6 [Mus musculus]  
568934035 XP\_006503926.1#Wdr1#22388# PREDICTED: WD repeat-containing protein 1 isoform X1  
294774562 NP\_001171030.1#Gng12#14701# guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit 12  
113204613 NP\_034967.2#Map6#17760# microtubule-associated protein 6 isoform 1 [Mus musculus]  
6679261 NP\_032836.1#Pdha1#18597# pyruvate dehydrogenase E1 component subunit alpha  
157823795 NP\_001102512.1#Kif21a#16564# kinesin-like protein KIF21A isoform 4 [Mus musculus]

568974806 XP\_006533792.1#Cntnap1#53321# PREDICTED: contactin-associated protein 1 isoform 1  
13385168 NP\_079986.1#Uqcrfs1#66694# cytochrome b-c1 complex subunit Rieske, mitochondrion  
255003735 NP\_035417.2#Rpl10a#19896# 60S ribosomal protein L10a [Mus musculus]  
568961539 XP\_006511259.1#Map2k1#26395# PREDICTED: dual specificity mitogen-activated protein kinase  
568965113 XP\_006512658.1#Pcmt1#18537# PREDICTED: protein-L-isoaspartate(D-aspartate) C-terminal  
568931690 XP\_006539140.1#Mtor#56717# PREDICTED: serine/threonine-protein kinase mTOR  
7110703 NP\_032976.1#Psmc5#19184# 26S proteasome regulatory subunit 8 [Mus musculus]  
9938002 NP\_064674.1#Lgi1#56839# leucine-rich glioma-inactivated protein 1 precursor [Mus musculus]  
34328251 NP\_062787.2#Dbn1#56320# drebrin isoform 3 [Mus musculus]  
113199771 NP\_034944.2#Mog#17441# myelin-oligodendrocyte glycoprotein precursor [Mus musculus]  
224922803 NP\_034404.3#Gpd2#14571# glycerol-3-phosphate dehydrogenase, mitochondrial isoform 2  
568939259 XP\_006504978.1#Hsph1#15505# PREDICTED: heat shock protein 105 kDa isoform X1  
12746424 NP\_075534.1#Dpysl5#65254# dihydropyrimidinase-related protein 5 [Mus musculus]  
9506971 NP\_062283.1#Pfn2#18645# profilin-2 [Mus musculus]  
33859560 NP\_034403.1#Gdi1#14567# guanine nucleotide dissociation inhibitor alpha [Mus musculus]  
225637531 NP\_079620.2#Eif3f#66085# eukaryotic translation initiation factor 3 subunit F [Mus musculus]  
157951727 NP\_663785.2#Ctnna2#12386# catenin alpha-2 isoform 1 [Mus musculus]  
84490421 NP\_001033726.1#Gng2#14702# guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit 2  
755522937 XP\_011240168.1#Stx1b#56216# PREDICTED: syntaxin-1B isoform X2 [Mus musculus]  
31560686 NP\_032327.2#Hspa2#15512# heat shock-related 70 kDa protein 2 [Mus musculus]  
31980942 NP\_061352.2#Impa1#55980# inositol monophosphatase 1 [Mus musculus]  
146219837 NP\_034253.3#Eif3a#13669# eukaryotic translation initiation factor 3 subunit A [Mus musculus]  
755522634 XP\_011240088.1#Dlg2#23859# PREDICTED: discs large homolog 2 isoform X22 [Mus musculus]  
238624114 NP\_598949.3#Acot2#171210# acyl-coenzyme A thioesterase 2, mitochondrial precursor  
22122625 NP\_666220.1#Hibch#227095# 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial precursor  
755543957 XP\_011242554.1#Wdr37#207615# PREDICTED: WD repeat-containing protein 37 isoform 1  
755516671 XP\_011239634.1#Mgll#23945# PREDICTED: monoglyceride lipase isoform X1 [Mus musculus]  
568994656 XP\_006521871.1#Cd47#16423# PREDICTED: leukocyte surface antigen CD47 isoform 1  
18017605 NP\_542127.1#Ube2n#93765# ubiquitin-conjugating enzyme E2 N [Mus musculus]  
755513560 XP\_011246490.1#Rph3a#19894# PREDICTED: rabphilin-3A isoform X2 [Mus musculus]  
294997259 NP\_001171128.1#Grin1#14810# glutamate receptor ionotropic, NMDA 1 isoform 3  
755497651 XP\_011237415.1#Scal#320271# PREDICTED: protein SCAL isoform X1 [Mus musculus]  
6679299 NP\_032857.1#Phb#18673# prohibitin [Mus musculus]  
149273202 XP\_001476757.1#Gm20899#100042025# PREDICTED: glyceraldehyde-3-phosphate dehydrogenase  
214010170 NP\_038520.2#Clu#12759# clusterin precursor [Mus musculus]  
28076935 NP\_081427.1#Dctn2#69654# dynactin subunit 2 isoform 3 [Mus musculus]  
31980939 NP\_080719.2#Mtfp1#67900# mitochondrial fission process protein 1 [Mus musculus]  
19526912 NP\_598487.1#St13#70356# hsc70-interacting protein [Mus musculus]  
568908350 XP\_006529301.1#Ncl#17975# PREDICTED: nucleolin isoform X1 [Mus musculus]  
549806742 NP\_001272357.1#Cacnb4#12298# voltage-dependent L-type calcium channel subunit beta 4  
27229101 NP\_081740.2#Fam213a#70564# redox-regulatory protein FAM213A [Mus musculus]  
13385384 NP\_080170.1#Psmc12#66997# 26S proteasome non-ATPase regulatory subunit 12  
6753556 NP\_034113.1#Ctsd#13033# cathepsin D precursor [Mus musculus]  
340007377 NP\_001229979.1#Atp6v0a1#11975# V-type proton ATPase 116 kDa subunit a isoform 1  
568961798 XP\_006511383.1#Scamp5#56807# PREDICTED: secretory carrier-associated membrane protein 5  
27923929 NP\_778163.1#Hpcal4#170638# hippocalcin-like protein 4 [Mus musculus]

568999382 XP\_006523896.1#Prkce#18754# PREDICTED: protein kinase C epsilon type isoform )  
46849708 NP\_035636.1#Sucla2#20916# succinyl-CoA ligase [ADP-forming] subunit beta, mito  
755498668 XP\_011237583.1#Epb4.1|1#13821# PREDICTED: band 4.1-like protein 1 isoform X8 |  
7106257 NP\_033857.1#Atp8a1#11980# phospholipid-transporting ATPase IA isoform b [Mus  
6680748 NP\_031531.1#Atp5a1#11946# ATP synthase subunit alpha, mitochondrial precursor  
13277394 NP\_077798.1#Grpel1#17713# grpE protein homolog 1, mitochondrial precursor [M  
442535508 NP\_001259026.1#Fabp5#16592# fatty acid-binding protein, epidermal isoform 2 [M  
568907993 XP\_006529127.1#Cops8#108679# PREDICTED: COP9 signalosome complex subunit  
8393866 NP\_058674.1#Oat#18242# ornithine aminotransferase, mitochondrial precursor [M  
755509924 XP\_011248613.1#Park7#57320# PREDICTED: protein DJ-1 isoform X1 [Mus musculu  
31981690 NP\_112442.2#Hspa8#15481# heat shock cognate 71 kDa protein [Mus musculus]  
124248577 NP\_036004.2#Psmc4#23996# 26S protease regulatory subunit 6B [Mus musculus]  
19526818 NP\_598429.1#Slc25a3#18674# phosphate carrier protein, mitochondrial precursor  
13385472 NP\_080250.1#Rpl14#67115# 60S ribosomal protein L14 [Mus musculus]  
568959251 XP\_006510273.1#Ntm#235106# PREDICTED: neurotrimin isoform X6 [Mus musculu  
31560697 NP\_032223.2#H1f0#14958# histone H1.0 [Mus musculus]  
60687506 NP\_033787.2#Aldoc#11676# fructose-bisphosphate aldolase C [Mus musculus]  
755498690 XP\_011237589.1#Elmo2#140579# PREDICTED: engulfment and cell motility protein  
568967045 XP\_006513461.1#Sar1a#20224# PREDICTED: GTP-binding protein SAR1a isoform X1  
568984240 XP\_006517602.1#Kif2a#16563# PREDICTED: kinesin-like protein KIF2A isoform X6 [I  
27229051 NP\_080543.2#Necap1#67602# adaptin ear-binding coat-associated protein 1 [Mus  
12963569 NP\_075689.1#Ppp1r7#66385# protein phosphatase 1 regulatory subunit 7 [Mus m  
568889869 XP\_006543820.1#LOC102641678#102641678# PREDICTED: ATP synthase subunit O  
31981269 NP\_075629.2#Glrx3#30926# glutaredoxin-3 [Mus musculus]  
6671672 NP\_031630.1#Capza2#12343# F-actin-capping protein subunit alpha-2 [Mus muscu  
568915813 XP\_006498993.1#Plcb1#18795# PREDICTED: 1-phosphatidylinositol 4,5-bisphospha  
31560737 NP\_031448.2#Adss#11566# adenylosuccinate synthetase isozyme 2 [Mus musculus  
239985643 NP\_001155219.1#Palm#18483# paralemmin-1 isoform 2 [Mus musculus]  
755560613 XP\_011245162.1#Pura#19290# PREDICTED: transcriptional activator protein Pur-al  
755521369 XP\_011249216.1#Ppfia3#76787# PREDICTED: liprin-alpha-3 isoform X2 [Mus muscu  
568971592 XP\_006532257.1#Flot2#14252# PREDICTED: flotillin-2 isoform X3 [Mus musculus]  
6671509 NP\_031419.1#Actb#11461# actin, cytoplasmic 1 [Mus musculus]  
58037117 NP\_080964.1#Ndufs3#68349# NADH dehydrogenase [ubiquinone] iron-sulfur prote  
339895916 NP\_001229973.1#Ap1b1#11764# AP-1 complex subunit beta-1 isoform 3 [Mus mus  
568930664 XP\_006538651.1#Kcnab2#16498# PREDICTED: voltage-gated potassium channel sul  
71774133 NP\_035279.2#Ppib#19035# peptidyl-prolyl cis-trans isomerase B precursor [Mus m  
110625954 NP\_082664.1#Ndufv2#72900# NADH dehydrogenase [ubiquinone] flavoprotein 2, r  
158508501 NP\_998779.2#Sept5#18951# septin-5 [Mus musculus]  
568972134 XP\_006532520.1#Pdk2#18604# PREDICTED: pyruvate dehydrogenase kinase, isoenz  
568962761 XP\_006511700.1#Gnai2#14678# PREDICTED: guanine nucleotide-binding protein G(  
755522217 XP\_011239997.1#Prkcb#18751# PREDICTED: protein kinase C beta type isoform X2  
117606375 NP\_036019.2#Sept3#24050# neuronal-specific septin-3 [Mus musculus]  
18266680 NP\_077150.1#Oxct1#67041# succinyl-CoA:3-ketoacid coenzyme A transferase 1, mi  
13385492 NP\_080263.1#Ndufa6#67130# NADH dehydrogenase [ubiquinone] 1 alpha subcom  
6756037 NP\_035868.1#Ywhah#22629# 14-3-3 protein eta [Mus musculus]  
10092608 NP\_038569.1#Gstp1#14870# glutathione S-transferase P 1 [Mus musculus]

255069795 NP\_035820.3#Vars#22321# valine--tRNA ligase [Mus musculus]  
31980806 NP\_058063.2#Pgrmc1#53328# membrane-associated progesterone receptor comp  
113680348 NP\_032010.2#Fscn1#14086# fascin [Mus musculus]  
6754524 NP\_034829.1#Ldha#16828# L-lactate dehydrogenase A chain isoform 1 [Mus muscu  
568991032 XP\_006520346.1#Cyb5r3#109754# PREDICTED: NADH-cytochrome b5 reductase 3 i  
667751602 NP\_001288140.1#Ap1g1#11765# AP-1 complex subunit gamma-1 isoform 2 [Mus r  
7305631 NP\_038869.1#Vps45#22365# vacuolar protein sorting-associated protein 45 [Mus r  
568956646 XP\_006530987.1#Aars#234734# PREDICTED: alanine--tRNA ligase, cytoplasmic isofc  
257796245 NP\_663589.3#Dlat#235339# dihydrolipoyllysine-residue acetyltransferase compone  
568966884 XP\_006513387.1#Myl6#17904# PREDICTED: myosin light polypeptide 6 isoform X5 |  
6753138 NP\_033851.1#Atp1b1#11931# sodium/potassium-transporting ATPase subunit beta  
568975126 XP\_006533946.1#Hnrnph1#59013# PREDICTED: heterogeneous nuclear ribonucleoq  
40556608 NP\_032328.2#Hsp90ab1#15516# heat shock protein HSP 90-beta [Mus musculus]  
31980762 NP\_038699.2#Sod2#20656# superoxide dismutase [Mn], mitochondrial precursor [I  
27369922 NP\_766234.1#Dnm3#103967# dynamin-3 isoform 2 [Mus musculus]  
70778976 NP\_032854.2#Pgk1#18655# phosphoglycerate kinase 1 [Mus musculus]  
63999380 NP\_038615.2#Lrpa1#16976# alpha-2-macroglobulin receptor-associated protein p  
755539138 XP\_006533808.2#Sept9#53860# PREDICTED: septin-9 isoform X1 [Mus musculus]  
30519995 NP\_848754.1#Sfxn5#94282# sideroflexin-5 [Mus musculus]  
13385006 NP\_079843.1#Cyc1#66445# cytochrome c1, heme protein, mitochondrial [Mus mus  
6679587 NP\_033022.1#Rab1#19324# ras-related protein Rab-1A [Mus musculus]  
568952416 XP\_006536280.1#Cend1#57754# PREDICTED: cell cycle exit and neuronal differenti  
568983158 XP\_006517219.1#Pdcd6#18570# PREDICTED: programmed cell death protein 6 isof  
13386338 NP\_082988.1#Rap2b#74012# ras-related protein Rap-2b precursor [Mus musculus]  
568968038 XP\_006513939.1#Sgta#52551# PREDICTED: small glutamine-rich tetratricopeptide r  
568917832 XP\_006499972.1#Ywhab#54401# PREDICTED: 14-3-3 protein beta/alpha isoform X1  
215983062 NP\_065603.2#Ehd3#57440# EH domain-containing protein 3 [Mus musculus]  
755495449 XP\_011237059.1#Igsf8#140559# PREDICTED: immunoglobulin superfamily member  
163644296 NP\_081902.1#Psd3#234353# PH and SEC7 domain-containing protein 3 isoform 3 [I  
568966266 XP\_006513094.1#Lin7a#108030# PREDICTED: protein lin-7 homolog A isoform X1 [M  
58037109 NP\_080960.1#Ndufb10#68342# NADH dehydrogenase [ubiquinone] 1 beta subcom  
568936990 XP\_006530290.1#Rpl6#19988# PREDICTED: 60S ribosomal protein L6 isoform X1 [M  
28916677 NP\_803126.1#Camk2a#12322# calcium/calmodulin-dependent protein kinase type  
12963799 NP\_076210.1#Atp6v1d#73834# V-type proton ATPase subunit D [Mus musculus]  
84875526 NP\_001034182.1#Tom1l2#216810# TOM1-like protein 2 isoform c [Mus musculus]  
568967149 XP\_006513512.1#Syt1#20979# PREDICTED: synaptotagmin-1 isoform X2 [Mus muscu  
281182473 NP\_001161943.1#Dylnl2#68097# dynein light chain 2, cytoplasmic [Mus musculus]  
51093840 NP\_660121.2#Eif3l#223691# eukaryotic translation initiation factor 3 subunit L [Mu  
254939522 NP\_001157095.1#Prepl#213760# prolyl endopeptidase-like isoform b [Mus musculi  
6755967 NP\_035826.1#Vdac3#22335# voltage-dependent anion-selective channel protein 3  
31980744 NP\_038823.2#Atp5l#27425# ATP synthase subunit g, mitochondrial [Mus musculus]  
6755963 NP\_035824.1#Vdac1#22333# voltage-dependent anion-selective channel protein 1  
100818462 NP\_663519.2#Rap1gds1#229877# rap1 GTPase-GDP dissociation stimulator 1 isofo  
31982273 NP\_032318.2#Hsd17b4#15488# peroxisomal multifunctional enzyme type 2 [Mus n  
568986366 XP\_006518443.1#Phyhip#105653# PREDICTED: phytanoyl-CoA hydroxylase-interact  
224809382 NP\_080645.2#Arpc5#67771# actin-related protein 2/3 complex subunit 5 [Mus mus

18152793 NP\_077183.1#Pdhb#68263# pyruvate dehydrogenase E1 component subunit beta,  
145301549 NP\_001077424.1#Hba-a2#110257# hemoglobin alpha, adult chain 2 [Mus musculus  
568952448 XP\_006536295.1#Slc25a22#68267# PREDICTED: mitochondrial glutamate carrier 1 i  
134053913 NP\_542121.2#Psm5#66998# 26S proteasome non-ATPase regulatory subunit 5 [M  
6755224 NP\_036006.1#Twf2#23999# twinfilin-2 [Mus musculus]  
329299065 NP\_001192296.1#Sept7#235072# septin-7 isoform 2 [Mus musculus]  
569019357 XP\_006537268.1#Slc25a11#67863# PREDICTED: mitochondrial 2-oxoglutarate/mala  
19882201 NP\_598862.1#Psm2#21762# 26S proteasome non-ATPase regulatory subunit 2 [M  
126723461 NP\_033970.3#Cct8#12469# T-complex protein 1 subunit theta [Mus musculus]  
227500281 NP\_663590.3#Etfa#110842# electron transfer flavoprotein subunit alpha, mitochon  
37693505 NP\_937760.1#Abi2#329165# abl interactor 2 isoform 3 [Mus musculus]  
6996911 NP\_031520.1#Ass1#11898# argininosuccinate synthase [Mus musculus]  
283837783 NP\_001025044.2#Unc13a#382018# protein unc-13 homolog A [Mus musculus]  
755551082 XP\_011243780.1#Oxr1#170719# PREDICTED: oxidation resistance protein 1 isoform  
74271899 NP\_034435.1#Gnai1#14677# guanine nucleotide-binding protein G(i) subunit alpha  
327180707 NP\_001192117.1#Ppp2r2a#71978# serine/threonine-protein phosphatase 2A 55 kC  
6679583 NP\_033023.1#Rab11b#19326# ras-related protein Rab-11B [Mus musculus]  
6680954 NP\_031753.1#Cntn1#12805# contactin-1 precursor [Mus musculus]  
547235396 NP\_001271257.1#Syncrip#56403# heterogeneous nuclear ribonucleoprotein Q isof  
256773218 NP\_001038980.1#Synj1#104015# synaptojanin-1 isoform b [Mus musculus]  
568974067 XP\_006533435.1#Map2k4#26398# PREDICTED: dual specificity mitogen-activated p  
755561214 XP\_011245294.1#CcnY#67974# PREDICTED: cyclin-Y isoform X2 [Mus musculus]  
51511741 NP\_001003933.1#Rtn3#20168# reticulon-3 isoform 2 [Mus musculus]  
755530455 XP\_011241115.1#Tln2#70549# PREDICTED: talin-2 isoform X4 [Mus musculus]  
257153390 NP\_001158057.1#Dnajc6#72685# putative tyrosine-protein phosphatase auxilin iso  
229892320 NP\_001153511.1#Ndufs1#227197# NADH-ubiquinone oxidoreductase 75 kDa subu  
124486895 NP\_001074743.1#Pgd#110208# 6-phosphogluconate dehydrogenase, decarboxylat  
6753492 NP\_034028.1#Coro1a#12721# coronin-1A isoform 1 [Mus musculus]  
568990382 XP\_006520096.1#Ctnnd2#18163# PREDICTED: catenin delta-2 isoform X2 [Mus mus  
569008135 XP\_006527556.1#Sfxn3#94280# PREDICTED: sideroflexin-3 isoform X1 [Mus muscu  
31559891 NP\_067511.4#Rhot1#59040# mitochondrial Rho GTPase 1 isoform 1 [Mus musculus  
6754036 NP\_034455.1#Got2#14719# aspartate aminotransferase, mitochondrial [Mus musc  
33563266 NP\_035016.1#Ndufa4#17992# cytochrome c oxidase subunit NDUFA4 [Mus muscu  
594190942 NP\_001277398.1#Atp1a3#232975# sodium/potassium-transporting ATPase subunit  
255958286 NP\_063932.2#Suclg1#56451# succinyl-CoA ligase [ADP/GDP-forming] subunit alpha  
21314824 NP\_079657.1#Atp6v1f#66144# V-type proton ATPase subunit F [Mus musculus]  
6680690 NP\_031478.1#Prdx3#11757# thioredoxin-dependent peroxide reductase, mitochon  
649572215 NP\_001280488.1#Cox4i1#12857# cytochrome c oxidase subunit 4 isoform 1, mitoc  
755529755 XP\_011240968.1#Me1#17436# PREDICTED: NADP-dependent malic enzyme isoform  
755498625 XP\_011237574.1#Csnk2a1#12995# PREDICTED: casein kinase II subunit alpha isoform  
283806722 NP\_001164339.1#Ncald#52589# neurocalcin-delta [Mus musculus]  
24762230 NP\_733769.1#Rps15a#267019# 40S ribosomal protein S15a [Mus musculus]  
6754976 NP\_035164.1#Prdx1#18477# peroxiredoxin-1 [Mus musculus]  
31542143 NP\_058082.2#Rhoa#11848# transforming protein RhoA precursor [Mus musculus]  
568908602 XP\_006529424.1#Cntn2#21367# PREDICTED: contactin-2 isoform X1 [Mus musculus]  
568945146 XP\_006539743.1#Rps19#20085# PREDICTED: 40S ribosomal protein S19 isoform X1



19526960 NP\_598513.1#Opa1#74143# dynamin-like 120 kDa protein, mitochondrial isoform 2  
6680309 NP\_032329.1#Hspe1#15528# 10 kDa heat shock protein, mitochondrial [Mus musci  
568978634 XP\_006515450.1#Actn1#109711# PREDICTED: alpha-actinin-1 isoform X4 [Mus mus  
568995482 XP\_006522265.1#Lsamp#268890# PREDICTED: limbic system-associated membrane  
31560792 NP\_062408.2#Sh3gl2#20404# endophilin-A1 [Mus musculus]  
12963495 NP\_075611.1#Gpm6b#14758# neuronal membrane glycoprotein M6-b isoform 4 [M  
34787412 NP\_038914.2#Hdgfrp3#29877# hepatoma-derived growth factor-related protein 3 |  
40254577 NP\_035425.2#Rps12#20042# 40S ribosomal protein S12 [Mus musculus]  
15011853 NP\_058081.2#Stx1a#20907# syntaxin-1A [Mus musculus]  
37718983 NP\_937806.1#Rab35#77407# ras-related protein Rab-35 [Mus musculus]  
28076897 NP\_080914.1#Cdpt#52858# CDP-diacylglycerol--inositol 3-phosphatidyltransferase  
21313640 NP\_082191.1#Ap2b1#71770# AP-2 complex subunit beta isoform b [Mus musculus]  
755561255 XP\_011245300.1#Afg3l2#69597# PREDICTED: AFG3-like protein 2 isoform X1 [Mus i  
568921574 XP\_006500959.1#Ank2#109676# PREDICTED: ankyrin-2 isoform X25 [Mus musculus  
218156282 NP\_892038.2#Slc17a7#72961# vesicular glutamate transporter 1 [Mus musculus]  
568966729 XP\_006513310.1#Hk1#15275# PREDICTED: hexokinase-1 isoform X4 [Mus musculus  
27228985 NP\_079827.2#Ndufa12#66414# NADH dehydrogenase [ubiquinone] 1 alpha subcon  
568969997 XP\_006514639.1#Nipsnap1#18082# PREDICTED: protein NipSnap homolog 1 isoform  
73695877 NP\_808430.2#Aak1#269774# AP2 associated kinase 1 isoform 2 [Mus musculus]  
13385726 NP\_080495.1#Uqcrb#67530# cytochrome b-c1 complex subunit 7 [Mus musculus]  
226874906 NP\_033562.3#Ywhae#22627# 14-3-3 protein epsilon [Mus musculus]  
755553155 XP\_011244125.1#Dlg1#13383# PREDICTED: disks large homolog 1 isoform X14 [Mu:  
257467604 NP\_780589.3#Gpd1l#333433# glycerol-3-phosphate dehydrogenase 1-like protein [  
7106387 NP\_036097.1#Psm5#26442# proteasome subunit alpha type-5 [Mus musculus]  
568974918 XP\_006533846.1#Srcin1#56013# PREDICTED: SRC kinase signaling inhibitor 1 isoform  
568902472 XP\_006543439.1#LOC100862455#100862455# PREDICTED: 60S ribosomal protein L  
226443015 NP\_034303.3#Faah#14073# fatty-acid amide hydrolase 1 [Mus musculus]  
568905907 XP\_006495820.1#Map2#17756# PREDICTED: microtubule-associated protein 2 isoform  
21312062 NP\_081051.1#Tmed10#68581# transmembrane emp24 domain-containing protein  
226958349 NP\_033441.2#Tpi1#21991# triosephosphate isomerase [Mus musculus]  
568931876 XP\_006539230.1#Acot7#70025# PREDICTED: cytosolic acyl coenzyme A thioester hy  
33598964 NP\_780469.1#Myh10#77579# myosin-10 [Mus musculus]  
755550334 XP\_011243654.1#Ywhaz#22631# PREDICTED: 14-3-3 protein zeta/delta isoform X1  
13386026 NP\_080804.1#2700060E02Rik#68045# UPF0568 protein C14orf166 homolog [Mus i  
755530267 XP\_011241071.1#Tmod2#50876# PREDICTED: tropomodulin-2 isoform X1 [Mus mu  
357527382 NP\_001239484.1#Gstz1#14874# maleylacetoacetate isomerase isoform 2 [Mus mu:  
21311873 NP\_077181.1#Hsbp1#68196# heat shock factor-binding protein 1 [Mus musculus]  
56711244 NP\_035018.1#Ndufs6#407785# NADH dehydrogenase [ubiquinone] iron-sulfur prot  
568926120 XP\_006537702.1#Alad#17025# PREDICTED: delta-aminolevulinic acid dehydratase i  
189339262 NP\_079770.2#Atp6v1c1#66335# V-type proton ATPase subunit C 1 [Mus musculus]  
227908823 NP\_080471.2#Atic#108147# bifunctional purine biosynthesis protein PURH [Mus m  
569009783 XP\_006527922.1#L1cam#16728# PREDICTED: neural cell adhesion molecule L1 isoform  
26986569 NP\_758475.1#Slc6a17#229706# sodium-dependent neutral amino acid transporter  
17298686 NP\_473438.1#Pip4k2c#117150# phosphatidylinositol 5-phosphate 4-kinase type-2 {  
163644277 NP\_031485.3#Ap2a2#11772# AP-2 complex subunit alpha-2 [Mus musculus]  
568922992 XP\_006501641.1#Negr1#320840# PREDICTED: neuronal growth regulator 1 isoform

254553458 NP\_032181.2#Gpi1#14751# glucose-6-phosphate isomerase [Mus musculus]  
51491845 NP\_001003908.1#Cltc#67300# clathrin heavy chain 1 [Mus musculus]  
569007769 XP\_006527383.1#Hnrnpul2#68693# PREDICTED: heterogeneous nuclear ribonucleo  
96975138 NP\_038584.2#Hprt#15452# hypoxanthine-guanine phosphoribosyltransferase [Mus  
22219434 NP\_671734.1#Nrpb1#192292# nuclear receptor-binding protein [Mus musculus]  
114326546 NP\_075907.2#Pgam1#18648# phosphoglycerate mutase 1 [Mus musculus]  
255759890 NP\_001157572.1#Add3#27360# gamma-adducin isoform b [Mus musculus]  
161086984 NP\_941015.2#Ap2s1#232910# AP-2 complex subunit sigma [Mus musculus]  
124494256 NP\_032538.2#Lrp1#16971# prolow-density lipoprotein receptor-related protein 1 p  
755530077 XP\_006511157.2#Coro2b#235431# PREDICTED: coronin-2B isoform X1 [Mus muscu  
134031976 NP\_082509.2#Lrp1#16971# prolow-density lipoprotein receptor-related protein 1 p  
568930415 XP\_006538530.1#Atad3a#108888# PREDICTED: ATPase family AAA domain-contain  
27369748 NP\_766120.1#Aldh5a1#214579# succinate-semialdehyde dehydrogenase, mitochor  
550544190 NP\_001272385.1#Mapt#17762# microtubule-associated protein tau isoform e [Mu:  
6754724 NP\_034947.1#Psm7#17463# 26S proteasome non-ATPase regulatory subunit 7 [M  
228480253 NP\_001153190.1#Sept2#18000# septin-2 isoform b [Mus musculus]  
6753364 NP\_033991.1#Cdc42#12540# cell division control protein 42 homolog isoform 1 pre  
110347469 NP\_031402.3#Pzp#11287# alpha-2-macroglobulin precursor [Mus musculus]  
226874869 NP\_062282.2#Omg#18377# oligodendrocyte-myelin glycoprotein precursor [Mus r  
113866024 NP\_077776.2#Rab5c#19345# ras-related protein Rab-5C isoform 1 [Mus musculus]  
568933539 XP\_006503687.1#Mapre3#100732# PREDICTED: microtubule-associated protein RP  
31982856 NP\_031887.2#Dld#13382# dihydrolipoyl dehydrogenase, mitochondrial precursor [I  
754170607 NP\_001291648.1#Atp5f1#11950# ATP synthase F(0) complex subunit B1, mitochon  
6680924 NP\_031713.1#Cfl1#12631# cofilin-1 [Mus musculus]  
568980730 XP\_006516455.1#Dlst#78920# PREDICTED: dihydrolipoyllysine-residue succinyltran:  
34328236 NP\_061268.2#Ubqln2#54609# ubiquilin-2 [Mus musculus]  
52353955 NP\_058662.2#Phgdh#236539# D-3-phosphoglycerate dehydrogenase [Mus musculi  
31559995 NP\_598417.2#Crk#12928# adapter molecule crk isoform 2 [Mus musculus]  
33468999 NP\_081241.1#Comtd1#69156# catechol O-methyltransferase domain-containing pr  
31982030 NP\_598557.3#Arhgdia#192662# rho GDP-dissociation inhibitor 1 [Mus musculus]  
568997209 XP\_006522937.1#App#11820# PREDICTED: amyloid beta A4 protein isoform X2 [M  
754170335 NP\_001291503.1#Arf2#11841# ADP-ribosylation factor 2 [Mus musculus]  
6679935 NP\_032109.1#Gap43#14432# neuromodulin [Mus musculus]  
569007565 XP\_006527286.1#Arl3#56350# PREDICTED: ADP-ribosylation factor-like protein 3 is  
356582426 NP\_001239190.1#Npm1#18148# nucleophosmin isoform 3 [Mus musculus]  
9790017 NP\_062740.1#Ptges3#56351# prostaglandin E synthase 3 [Mus musculus]  
731184185 NP\_001289899.1#Ap2m1#11773# AP-2 complex subunit mu isoform 2 [Mus muscu  
163792196 NP\_058582.3#Gria3#53623# glutamate receptor 3 isoform a precursor [Mus muscu  
312032384 NP\_001185815.1#Dpp6#13483# dipeptidyl aminopeptidase-like protein 6 isoform 4  
10181184 NP\_065607.1#Atp5j2#57423# ATP synthase subunit f, mitochondrial [Mus musculi  
84370353 NP\_001033702.1#Olfm1#56177# noelin isoform c precursor [Mus musculus]  
188219524 NP\_036123.3#Dpysl4#26757# dihydropyrimidinase-related protein 4 [Mus musculi  
568997213 XP\_006522939.1#Atp5j1#11957# PREDICTED: ATP synthase-coupling factor 6, mitoch  
568938111 XP\_006504490.1#Clip2#269713# PREDICTED: CAP-Gly domain-containing linker pro  
85861220 NP\_001034284.1#Gria2#14800# glutamate receptor 2 isoform 3 precursor [Mus mu  
568896389 XP\_006544502.1#LOC102641332#102641332# PREDICTED: GTP-binding nuclear pr

12963615 NP\_075768.1#Tubb3#22152# tubulin beta-3 chain [Mus musculus]  
6678347 NP\_033408.1#Thy1#21838# thy-1 membrane glycoprotein preproprotein [Mus mus  
550821975 NP\_001272410.1#Hp1bp3#15441# heterochromatin protein 1-binding protein 3 iso  
568942584 XP\_006506531.1#Chchd3#66075# PREDICTED: MICOS complex subunit Mic19 isofo  
45592934 NP\_033033.1#Rac1#19353# ras-related C3 botulinum toxin substrate 1 precursor [M  
158966670 NP\_001103681.1#Anxa6#11749# annexin A6 isoform b [Mus musculus]  
29789104 NP\_062606.1#Napb#17957# beta-soluble NSF attachment protein [Mus musculus]  
6755196 NP\_036096.1#Psm4#26441# proteasome subunit alpha type-4 [Mus musculus]  
160333553 NP\_033102.2#Rpl12#269261# 60S ribosomal protein L12 [Mus musculus]  
254553321 NP\_058655.3#Rps3a1#20091# 40S ribosomal protein S3a [Mus musculus]  
31982332 NP\_032157.2#Glul#14645# glutamine synthetase [Mus musculus]  
755503893 XP\_011238429.1#Nbea#26422# PREDICTED: neurobeachin isoform X6 [Mus muscul  
568941435 XP\_006505979.1#Usp5#22225# PREDICTED: ubiquitin carboxyl-terminal hydrolase 5  
7242197 NP\_035315.1#Psm1#19170# proteasome subunit beta type-1 precursor [Mus mus  
76881807 NP\_033270.3#Serpina1b#20701# alpha-1-antitrypsin 1-2 precursor [Mus musculus]  
8567410 NP\_038709.1#Syn2#20965# synapsin-2 isoform IIb [Mus musculus]  
31543349 NP\_032766.2#Nsf#18195# vesicle-fusing ATPase [Mus musculus]  
569005698 XP\_006531767.1#Sptbn2#20743# PREDICTED: spectrin beta chain, non-erythrocytic  
22094075 NP\_031477.1#Slc25a5#11740# ADP/ATP translocase 2 [Mus musculus]  
13385054 NP\_079873.1#Ndufb3#66495# NADH dehydrogenase [ubiquinone] 1 beta subcomp  
166851828 NP\_079589.2#Atp5d#66043# ATP synthase subunit delta, mitochondrial precursor [M  
6671539 NP\_031464.1#Aldoa#11674# fructose-bisphosphate aldolase A isoform 2 [Mus mus  
568958751 XP\_006510025.1#Hyou1#12282# PREDICTED: hypoxia up-regulated protein 1 isofor  
569009085 XP\_006541454.1#Sept6#56526# PREDICTED: septin-6 isoform X5 [Mus musculus]  
158303337 NP\_001103445.1#Synpo#104027# synaptopodin isoform B [Mus musculus]  
225543319 NP\_033529.3#Vcp#269523# transitional endoplasmic reticulum ATPase [Mus musci  
568935665 XP\_006535018.1#Cops4#26891# PREDICTED: COP9 signalosome complex subunit 4  
34610235 NP\_918943.1#Rtn4#68585# reticulon-4 isoform A [Mus musculus]  
31981830 NP\_034075.2#Cox7a2#12866# cytochrome c oxidase subunit 7A2, mitochondrial pr  
568952442 XP\_006536292.1#Rplp2#67186# PREDICTED: 60S acidic ribosomal protein P2 isofor  
6754240 NP\_034601.1#Hpca#15444# neuron-specific calcium-binding protein hippocalcin [M  
112807195 NP\_034072.2#Cox5b#12859# cytochrome c oxidase subunit 5B, mitochondrial [Mus  
568917807 XP\_006499960.1#Stk39#53416# PREDICTED: STE20/SPS1-related proline-alanine-ric  
227499234 NP\_001153096.1#Rnpep#215615# aminopeptidase B isoform 2 [Mus musculus]  
568983700 XP\_006517472.1#Tppp#72948# PREDICTED: tubulin polymerization-promoting prot  
568910653 XP\_006496809.1#Tnr#21960# PREDICTED: tenascin-R isoform X3 [Mus musculus]  
39652626 NP\_035924.2#Bpnt1#23827# 3'(2'),5'-bisphosphate nucleotidase 1 [Mus musculus]  
576067874 NP\_001276603.1#Fbxo41#330369# F-box only protein 41 [Mus musculus]  
568952682 XP\_006508569.1#Nap1l4#17955# PREDICTED: nucleosome assembly protein 1-like  
9790219 NP\_062745.1#Dstn#56431# destrin [Mus musculus]  
13195624 NP\_077159.1#Ndufa10#67273# NADH dehydrogenase [ubiquinone] 1 alpha subcon  
6753618 NP\_034157.1#Ddt#13202# D-dopachrome decarboxylase [Mus musculus]  
172072657 NP\_064382.3#Alg2#56737# alpha-1,3/1,6-mannosyltransferase ALG2 [Mus muscul  
27754144 NP\_079592.2#Ndufb5#66046# NADH dehydrogenase [ubiquinone] 1 beta subcomp  
568955190 XP\_006509606.1#Ncan#13004# PREDICTED: neurocan core protein isoform X1 [Mu  
269784615 NP\_001161421.1#Atp2b4#381290# plasma membrane calcium-transporting ATPase

6677801 NP\_033118.1#Rps17#20068# 40S ribosomal protein S17 [Mus musculus]  
6753508 NP\_034076.1#Cplx2#12890# complexin-2 [Mus musculus]  
83649713 NP\_001032843.1#Baiap2#108100# brain-specific angiogenesis inhibitor 1-associate  
21313679 NP\_082138.1#Atp5h#71679# ATP synthase subunit d, mitochondrial [Mus musculus]  
46559412 NP\_0848142.1#Pacsin1#23969# protein kinase C and casein kinase substrate in neur  
568907654 XP\_006496541.1#Tuba4a#22145# PREDICTED: tubulin alpha-4A chain isoform X1 [M  
568960933 XP\_006510964.1#Snap91#20616# PREDICTED: clathrin coat assembly protein AP18  
6754012 NP\_034438.1#Gnao1#14681# guanine nucleotide-binding protein G(o) subunit alph  
85861218 NP\_001028472.2#Gmps#229363# GMP synthase [glutamine-hydrolyzing] [Mus mus  
160707901 NP\_038708.3#Syn1#20964# synapsin-1 isoform a [Mus musculus]  
568972574 XP\_006532728.1#Eftud2#20624# PREDICTED: 116 kDa U5 small nuclear ribonucleop  
755519087 XP\_006539595.2#Epn1#13854# PREDICTED: epsin-1 isoform X2 [Mus musculus]  
54291704 NP\_0694769.2#Pacs1#107975# phosphofurin acidic cluster sorting protein 1 [Mus m  
40254160 NP\_083795.2#Rap2a#76108# ras-related protein Rap-2a precursor [Mus musculus]  
568984258 XP\_006517611.1#Map1b#17755# PREDICTED: microtubule-associated protein 1B is  
357394970 NP\_001239453.1#Picalm#233489# phosphatidylinositol-binding clathrin assembly p  
568965313 XP\_006512755.1#D10Bwg1379e#215821# PREDICTED: brefeldin A-inhibited guanin  
817379474 NP\_001295379.1#Aldh2#11669# aldehyde dehydrogenase, mitochondrial isoform 2  
19526814 NP\_0598427.1#Ndufv1#17995# NADH dehydrogenase [ubiquinone] flavoprotein 1, r  
755510673 XP\_006503649.2#Pclo#26875# PREDICTED: protein piccolo isoform X4 [Mus muscul  
9910452 NP\_064304.1#Lamtor3#56692# regulator complex protein LAMTOR3 [Mus musculu  
19705578 NP\_031535.2#Atp6v1b2#11966# V-type proton ATPase subunit B, brain isoform [M  
755495853 XP\_006497018.2#Sdhc#66052# PREDICTED: succinate dehydrogenase cytochrome b  
209862992 NP\_001129558.1#Dpysl3#22240# dihydropyrimidinase-related protein 3 isoform 1  
568982871 XP\_006517079.1#Sncb#104069# PREDICTED: beta-synuclein isoform X1 [Mus muscu  
7710012 NP\_057878.1#Crym#12971# ketimine reductase mu-crystallin [Mus musculus]  
21312012 NP\_080979.1#Ndufa8#68375# NADH dehydrogenase [ubiquinone] 1 alpha subcom  
568988256 XP\_006519357.1#Rabgta#56187# PREDICTED: geranylgeranyl transferase type-2 si  
31543976 NP\_061359.2#Ywhag#22628# 14-3-3 protein gamma [Mus musculus]  
12963633 NP\_075801.1#Ndufa13#67184# NADH dehydrogenase [ubiquinone] 1 alpha subcon  
13386100 NP\_080890.1#Ndufa5#68202# NADH dehydrogenase [ubiquinone] 1 alpha subcom  
568950486 XP\_006507823.1#Fus#233908# PREDICTED: RNA-binding protein FUS isoform X2 [M  
18158420 NP\_076302.1#Camk2d#108058# calcium/calmodulin-dependent protein kinase typ  
162417957 NP\_001104784.1#Ngef#53972# ephexin-1 isoform 1 [Mus musculus]  
13384778 NP\_079672.1#Pgls#66171# 6-phosphogluconolactonase isoform 1 [Mus musculus]  
116014342 NP\_001070652.1#Bsg#12215# basigin isoform 2 precursor [Mus musculus]  
6755965 NP\_035825.1#Vdac2#22334# voltage-dependent anion-selective channel protein 2  
6677813 NP\_033124.1#Rps8#20116# 40S ribosomal protein S8 [Mus musculus]  
10946854 NP\_067438.1#Prps1#19139# ribose-phosphate pyrophosphokinase 1 [Mus musculu  
359279908 NP\_001240669.1#Tpm3#59069# tropomyosin alpha-3 chain isoform Tpm3.2cy [Mu  
6753960 NP\_034396.1#Gda#14544# guanine deaminase [Mus musculus]  
229608940 NP\_001153489.1#Gnb1#14688# guanine nucleotide-binding protein G(I)/G(S)/G(T)  
226693349 NP\_031621.3#Camk2b#12323# calcium/calmodulin-dependent protein kinase type  
568915917 XP\_006499045.1#Sirpa#19261# PREDICTED: tyrosine-protein phosphatase non-rece  
33186863 NP\_058018.2#Rpl13#270106# 60S ribosomal protein L13 [Mus musculus]  
254675178 NP\_032949.3#Prkar1b#19085# cAMP-dependent protein kinase type I-beta regulat

568929824 XP\_006503492.1#Sgip1#73094# PREDICTED: SH3-containing GRB2-like protein 3-int  
38371755 NP\_081269.1#Ddah1#69219# N(G),N(G)-dimethylarginine dimethylaminohydrolase  
13195674 NP\_077249.1#Rab6a#19346# ras-related protein Rab-6A isoform 2 [Mus musculus]  
157277969 NP\_444493.1#Hnrnpa3#229279# heterogeneous nuclear ribonucleoprotein A3 isoform 1  
568905198 XP\_006495497.1#Atp6v1h#108664# PREDICTED: V-type proton ATPase subunit H is  
568955318 XP\_006509666.1#Rab3a#19339# PREDICTED: ras-related protein Rab-3A isoform X1  
256000796 NP\_001157728.1#Tpm1#22003# tropomyosin alpha-1 chain isoform Tpm1.12br [M  
31981086 NP\_080270.2#Efhd2#27984# EF-hand domain-containing protein D2 [Mus musculus]  
755509256 XP\_006538588.2#Eno1#13806# PREDICTED: alpha-enolase isoform X1 [Mus musculus]  
6679501 NP\_032973.1#Psmc1#19179# 26S protease regulatory subunit 4 [Mus musculus]  
568977589 XP\_006515077.1#Prkar2b#19088# PREDICTED: cAMP-dependent protein kinase type II  
568951392 XP\_006508263.1#Ndufab1#70316# PREDICTED: acyl carrier protein, mitochondrial isoform 1  
51092272 NP\_808574.2#Opcml#330908# opioid-binding protein/cell adhesion molecule precursor  
568982992 XP\_006517138.1#Hapln1#12950# PREDICTED: hyaluronan and proteoglycan link protein 1  
261862282 NP\_035531.3#Slc2a3#20527# solute carrier family 2, facilitated glucose transporter  
166235165 NP\_033331.2#Syp#20977# synaptophysin [Mus musculus]  
254587958 NP\_079793.2#Rtca#66368# RNA 3'-terminal phosphate cyclase [Mus musculus]  
227430399 NP\_001153084.1#Lrrc57#66606# leucine-rich repeat-containing protein 57 isoform 1  
13385558 NP\_080337.1#Ndufb8#67264# NADH dehydrogenase [ubiquinone] 1 beta subcomplex 1  
6678551 NP\_033523.1#Vamp2#22318# vesicle-associated membrane protein 2 [Mus musculus]  
6754920 NP\_035084.1#Ncam2#17968# neural cell adhesion molecule 2 isoform b precursor  
33859690 NP\_080728.1#Coq9#67914# ubiquinone biosynthesis protein COQ9, mitochondrial  
568948233 XP\_006541123.1#Sv2b#64176# PREDICTED: synaptic vesicle glycoprotein 2B isoform 1  
161016826 NP\_031900.3#Reep5#13476# receptor expression-enhancing protein 5 [Mus musculus]  
568945112 XP\_006539726.1#Ppp5c#19060# PREDICTED: serine/threonine-protein phosphatase 2A catalytic  
83715998 NP\_031533.2#Atp5k#11958# ATP synthase subunit e, mitochondrial [Mus musculus]  
568995358 XP\_006522204.1#Usp7#252870# PREDICTED: ubiquitin carboxyl-terminal hydrolase Usp7  
568917774 XP\_006499945.1#Nckap1#50884# PREDICTED: nck-associated protein 1 isoform X2  
238231384 NP\_032972.3#Psmc6#19175# proteasome subunit beta type-6 precursor [Mus musculus]  
568986489 XP\_006518504.1#Adk#11534# PREDICTED: adenosine kinase isoform X2 [Mus musculus]  
329664963 NP\_001192314.1#Actr3#74117# actin-related protein 3 [Mus musculus]  
312596932 NP\_001186115.1#Slc44a2#68682# choline transporter-like protein 2 isoform 1 [Mus musculus]  
6679911 NP\_032097.1#Gabbr3#14402# gamma-aminobutyric acid receptor subunit beta-3 isoform 1  
568983719 XP\_006517481.1#Cltb#74325# PREDICTED: clathrin light chain B isoform X1 [Mus musculus]  
755502503 XP\_011246447.1#Tpd52#21985# PREDICTED: tumor protein D52 isoform X8 [Mus musculus]  
755533985 XP\_011241621.1#Ap3d1#11776# PREDICTED: AP-3 complex subunit delta-1 isoform 1  
19705424 NP\_033465.1#Psmc3#22123# 26S proteasome non-ATPase regulatory subunit 3 [Mus musculus]  
569000227 XP\_006524307.1#Syngap1#240057# PREDICTED: ras/Rap GTPase-activating protein 1  
9506983 NP\_062284.1#Ppp2ca#19052# serine/threonine-protein phosphatase 2A catalytic subunit  
568970106 XP\_006514692.1#Lgalsl#216551# PREDICTED: galectin-related protein isoform X2 [Mus musculus]  
569003077 XP\_006525616.1#Cdh2#12558# PREDICTED: cadherin-2 isoform X1 [Mus musculus]  
6755911 NP\_035790.1#Txn1#22166# thioredoxin [Mus musculus]  
112181182 NP\_031773.2#Cox5a#12858# cytochrome c oxidase subunit 5A, mitochondrial precursor  
6678047 NP\_033247.1#Snca#20617# alpha-synuclein [Mus musculus]  
6681079 NP\_031824.1#Ctsb#13030# cathepsin B preproprotein [Mus musculus]  
568967188 XP\_006513531.1#Mcu#215999# PREDICTED: calcium uniporter protein, mitochondrial

188219614 NP\_035800.2#Uchl1#22223# ubiquitin carboxyl-terminal hydrolase isozyme L1 [Mus  
 6680836 NP\_031617.1#Calr#12317# calreticulin precursor [Mus musculus]  
 7305443 NP\_038749.1#Rpl7a#27176# 60S ribosomal protein L7a [Mus musculus]  
 6755080 NP\_035232.1#Prkcg#18752# protein kinase C gamma type isoform 1 [Mus muscu:  
 568978770 XP\_006515515.1#Cfl2#12632# PREDICTED: cofilin-2 isoform X1 [Mus musculus]  
 568968337 XP\_006514080.1#Atp2b1#67972# PREDICTED: plasma membrane calcium-transpor  
 84794552 NP\_061346.2#Pebp1#23980# phosphatidylethanolamine-binding protein 1 [Mus m  
 13937391 NP\_034442.1#Gnb2#14693# guanine nucleotide-binding protein G(l)/G(S)/G(T) sub  
 52317148 NP\_067467.2#Ap3b2#11775# AP-3 complex subunit beta-2 [Mus musculus]  
 22543378 NP\_001139449.1#Cadm2#239857# cell adhesion molecule 2 isoform 2 precursor [M  
 160707958 NP\_001104264.1#Anxa7#11750# annexin A7 [Mus musculus]  
 167716839 YP\_001686700.1#COX1#5912286# cytochrome c oxidase subunit I [Mus musculus n  
 568984656 XP\_006517804.1#Rab3c#67295# PREDICTED: ras-related protein Rab-3C isoform X2  
 31560653 NP\_032852.2#Pfkf#18641# ATP-dependent 6-phosphofructokinase, liver type [Mus  
 506326231 NP\_001265185.1#Prnp#19122# major prion protein precursor [Mus musculus]  
 58219050 NP\_081226.1#Ociad2#433904# OCIA domain-containing protein 2 [Mus musculus]  
 38372905 NP\_075615.2#Rab8a#17274# ras-related protein Rab-8A [Mus musculus]  
 568946346 XP\_006540322.1#Gsk3a#606496# PREDICTED: glycogen synthase kinase-3 alpha iso  
 13385090 NP\_079904.1#Cox6b1#110323# cytochrome c oxidase subunit 6B1 [Mus musculus]  
 226437665 NP\_081520.1#Ndufa11#69875# NADH dehydrogenase [ubiquinone] 1 alpha subcon  
 20330802 NP\_598738.1#Trf#22041# serotransferrin precursor [Mus musculus]  
 123 K2C1\_HUMAN  
 568900009 XP\_006543175.1#Gm10257#544973# PREDICTED: histone H3.3-like [Mus musculus]  
 568921663 XP\_006500999.1#Bcan#12032# PREDICTED: brevican core protein isoform X1 [Mus  
 568949306 XP\_006507253.1#Me3#109264# PREDICTED: NADP-dependent malic enzyme, mito  
 157951643 NP\_150371.4#Actn2#11472# alpha-actinin-2 [Mus musculus]  
 185 PPIA\_HUMAN  
 62000629 NP\_084137.1#Cnrip1#380686# CB1 cannabinoid receptor-interacting protein 1 [Mu  
 755569271 XP\_011249834.1#Mat2a#232087# PREDICTED: S-adenosylmethionine synthase isof  
 755491057 XP\_011236578.1#LOC102642577#102642577# PREDICTED: serine protease inhibito  
 6679227 NP\_032817.1#Pcp4#18546# Purkinje cell protein 4 [Mus musculus]  
 108 K1C10\_HUMAN  
 163310765 NP\_033784.2#Alb#11657# serum albumin precursor [Mus musculus]  
 17647499 NP\_058652.1#Hbb-b2#15130# hemoglobin subunit beta-2 [Mus musculus]  
 19526794 NP\_598416.1#Cd81#12520# CD81 antigen [Mus musculus]  
 498752597 NP\_001265090.1#Hbb-b1#15129# hemoglobin subunit beta-1 [Mus musculus]

Wt stressed / Wt	Knockout stressed/ WT stressed	Knockout/ WT	WT stressed / Knockout
0.832351416	0.841737799	0.841177243	1.036643488
0.641175258	1.35784576	0.878402481	0.752217282
0.596942124	1.437883703	0.896850436	0.669233299
0.809632281	1.020564304	0.949361898	0.851796346
0.748652224	1.300937547	0.983128969	0.76995862
1.222629928	0.879247229	0.994840418	1.227989255
0.758766045	1.058381557	1.002672718	0.756832154
0.911834905	1.273047523	1.007208075	0.905547377
1.065727509	0.930846114	1.009543793	0.987082649
0.877444557	0.932417352	1.011106249	0.881563073
0.80324609	1.239664446	1.014472254	0.801014101
1.118025988	0.851254457	1.017427443	1.118246492
0.885934625	0.911500456	1.019596128	0.923670749
1.017353551	0.86240955	1.021169439	0.995943027
1.036210437	1.087818168	1.02374166	1.014730033
1.17885611	0.810723441	1.024082352	1.150466643
0.945952568	0.937514831	1.031652637	0.900481933
1.030991871	1.269506939	1.034916648	0.963017158
1.064443636	0.892968802	1.035430556	0.941834957
0.99616121	0.93929546	1.038379321	0.962701074
1.144801623	0.981631165	1.040533119	1.099965773
1.159900259	0.871648185	1.041477656	1.113403122
0.879668841	0.879135507	1.044872245	0.805871535
1.09545974	0.933576705	1.046369651	1.047235955
1.192846572	0.89802617	1.048620043	1.138328889
1.096315649	0.782078411	1.049038582	1.021795363
0.953003472	0.941141946	1.050212467	0.908911732
1.058446457	0.919444374	1.05387495	1.045345887
1.095723748	0.965058826	1.055054992	0.984989213
1.150372943	0.925412889	1.05607078	1.020312845
1.167504612	0.854804908	1.056331086	1.104985526
1.132952446	0.932768738	1.060813467	1.065092069
1.074402781	0.831878754	1.064601797	1.031219243
1.034632798	0.978568232	1.066334243	0.969516452
1.270929024	0.786028999	1.066867664	1.148022015
1.125069539	0.922063125	1.067574904	1.022870614
1.014845469	0.912995706	1.068495207	0.945881218
0.817745327	1.054790371	1.069635339	0.786802233
1.004518728	1.049418167	1.072640043	1.002831058
0.913300953	0.930668979	1.07457454	0.85116821
1.015946445	0.983922476	1.075154149	0.921045003
1.087605633	0.857315026	1.075664972	1.011094166
1.185724535	0.917070595	1.075729692	1.064422066
1.133439515	0.945918962	1.076012817	1.122370596
1.094158329	1.035235078	1.077099671	1.015742689

1.132993999	0.872772883	1.077229815	1.052069952
2.099009713	0.805961643	1.077599048	1.875151589
0.819734475	0.938453944	1.077832731	0.632421021
0.874579306	0.91448944	1.078278599	0.772971084
0.917956158	0.773768434	1.078301361	0.85856696
0.999200379	1.140413483	1.078380435	0.913352395
0.991212358	0.902568591	1.07846886	0.946007447
1.067224522	0.878169037	1.081814788	1.027112901
1.217966631	1.00729811	1.085072833	1.122490596
1.00200628	0.841810684	1.088490918	0.974804634
0.987596327	0.911864138	1.088653485	0.804354778
1.039830618	0.891129539	1.089404018	0.946860954
1.150353558	0.853622217	1.089874676	1.113593487
0.994397223	0.899203669	1.090386793	0.914924455
1.038210232	0.834638279	1.090561607	0.967411995
1.279368432	0.921980492	1.091725966	1.101810989
0.840106909	1.394752757	1.091821357	0.784619248
1.182830758	0.814471528	1.092080248	1.033510239
1.066890621	0.951273503	1.093472165	0.979787047
1.114390369	0.955798802	1.09477597	1.022802623
1.209571001	0.834989507	1.094827336	1.106067726
1.124348963	0.991634966	1.094893029	1.026903025
1.054939205	0.912253165	1.09500657	0.951708867
1.114368464	0.950647405	1.095420786	1.038723869
1.134216005	0.908697528	1.095626996	1.023511914
1.035702173	0.976317102	1.096062705	0.93459354
1.199374325	0.98809693	1.096384355	1.066691564
1.05084795	0.991633203	1.096433127	0.93270023
0.978433352	0.99548483	1.096492193	0.911286543
1.014503596	0.876670469	1.096685113	0.909477695
1.016473454	1.011338463	1.096851593	1.004996694
1.235517726	0.858865529	1.096877068	1.084775194
1.009069316	1.035197015	1.097390041	0.921163175
1.005705779	0.856149057	1.097569692	0.882421582
1.777219023	0.929951155	1.098063535	1.531157358
1.048798414	0.950980243	1.098544327	0.995156515
1.003147966	0.939707056	1.099439813	0.958720287
1.126092806	0.904992491	1.09957361	1.010973207
1.138525205	0.965662382	1.099711452	1.035277564
0.753353853	0.867899328	1.099868127	0.684298599
1.094200956	0.910648633	1.099889155	0.972765825
1.000390279	1.094137168	1.100660023	0.891358443
1.144183676	0.8821717	1.101471013	1.05740503
1.161367036	0.944744002	1.103895869	1.040057891
1.13148361	0.832574669	1.103948928	0.973729695
1.24201976	0.950090652	1.104152017	1.077046319



1.100568868	0.873921077	1.104688053	1.00158125
1.061952406	0.939195715	1.104868194	0.911207539
1.137948856	0.970001968	1.105086537	1.00664658
0.823796246	0.9161287	1.105252844	0.777888357
1.118478379	1.002687878	1.105333797	1.024762848
1.149359115	0.909318102	1.106887013	1.014465891
0.979992033	1.021698756	1.107863566	0.884212653
1.072776557	0.901873856	1.108821792	0.966955268
1.330568368	0.979368579	1.10895706	1.278123582
0.917182996	1.011333813	1.110218226	0.826122653
1.431722629	0.790393883	1.110527222	1.289147594
1.039997191	0.790089829	1.110986566	0.907308839
0.983696567	1.000343408	1.111015488	0.858590098
1.137606278	0.875268929	1.111430441	1.021227722
1.029204465	1.006697746	1.111483522	0.925500447
0.931766087	0.908779459	1.11169732	0.845973821
1.10905622	0.820232243	1.111858518	0.99833854
0.854740739	0.847305007	1.112283932	0.788545677
1.012636928	0.85176799	1.112565672	0.951502653
1.103874709	0.922438564	1.112984048	0.959400251
1.02940402	0.949492309	1.113009322	0.913233642
0.94522716	0.900864736	1.113326215	0.849309189
1.162909771	0.940685828	1.113369565	1.062417159
0.960187336	0.822949079	1.113659706	0.868681702
0.938476168	0.967285763	1.114299273	0.842292332
1.165708011	0.958564262	1.114358578	1.046531918
1.00181648	0.892805876	1.114751188	0.958269169
1.045642643	0.967235403	1.115256437	0.900161986
0.950982335	0.914756332	1.115298766	0.84599107
1.144580835	1.00165211	1.11731106	0.930405636
1.197174781	1.069605507	1.117532312	1.040121267
1.034341793	0.949419022	1.118000503	0.923413801
0.863150088	0.888811546	1.118020918	0.764883342
1.175520995	0.906170447	1.118210608	1.052148573
1.096998181	0.895598636	1.119788823	0.98023836
0.724273476	1.216102238	1.119818249	0.673702308
1.070872966	0.886616368	1.119886257	0.955366016
0.859443183	1.105647955	1.119949624	0.799215498
0.942763235	0.880332796	1.12009995	0.756239095
1.041351456	0.912931431	1.120173884	0.911808779
1.122616338	0.847021743	1.120215482	1.002584033
1.026266416	0.916334565	1.120658246	0.933269804
0.937219784	1.040133537	1.120836145	0.831226943
1.124512159	0.925421991	1.121074763	1.038646661
1.110335991	0.920457399	1.121093519	0.957843679
1.054948916	0.878565576	1.121463275	0.899093136

1.029927003	0.893446581	1.121622027	0.879589102
1.068454681	0.907678782	1.121931717	0.971149085
1.131912959	0.901234377	1.122495094	1.04943102
1.107809964	0.873948412	1.122854499	0.998159971
1.253268304	0.936706173	1.122993336	1.12640648
1.133248657	0.844790277	1.123233443	1.009331928
1.261424103	0.986410023	1.123533261	1.098299046
1.045843438	0.847996645	1.123643205	0.902428826
1.095673535	0.895747497	1.123916203	0.942259483
1.002460859	0.836743918	1.124452328	0.937545722
1.104213866	0.914207029	1.124585283	0.969490903
1.092897916	0.925381012	1.124597077	0.923573923
1.157069617	0.972298817	1.124679004	0.90421315
1.071486918	0.942949816	1.125078243	0.952042908
1.251089489	0.866069034	1.125349278	1.137915853
1.228351625	0.89106716	1.125371759	1.116365926
1.222188011	0.951972237	1.125765726	1.090816489
1.120984544	0.829989432	1.126419653	0.937605063
1.113309999	0.91688562	1.126559126	0.988053904
1.074546434	0.921864474	1.126811467	0.907997023
0.984391404	0.801877618	1.126855126	0.89003754
1.242170685	0.934985705	1.126956242	1.087711185
1.217149625	0.872213987	1.127711928	1.071079454
1.034205294	0.893941902	1.12771649	0.918230569
1.250834555	0.876883834	1.128180105	1.107825703
1.025405216	0.892040421	1.128363463	0.936269055
0.957952564	0.927557447	1.128457185	0.871672112
0.975733142	0.852407107	1.128546882	0.864719185
1.103258688	0.890855724	1.128776965	1.001711338
0.856220268	0.937271399	1.129430273	0.757776528
1.116037283	0.913805119	1.129449834	0.9974624
1.095191778	0.884141358	1.129631219	0.973285099
1.026856372	0.895561846	1.129964126	0.921819739
1.04590107	0.880247921	1.13025868	0.932325808
0.97965811	0.890201848	1.130271445	0.909500003
1.022295927	0.912090312	1.130296494	0.903569069
0.93885286	0.917405907	1.130630605	0.852304604
0.941986964	0.9329879	1.13094912	0.845380359
1.114250851	0.874283869	1.13223578	0.982440255
1.305669907	0.890011886	1.132276652	1.179656103
1.12479652	0.914766258	1.133115737	0.956356131
0.739812987	1.022217507	1.133182952	0.674190742
1.024475577	0.928505254	1.133946922	0.903583788
1.086816744	1.072778541	1.134051171	0.997043264
1.1538853	0.912609417	1.134121724	1.015639475
1.18028953	0.892102157	1.134287693	1.047810477

1.007348589	0.937417484	1.134397879	0.872731358
1.014245159	0.910858106	1.13459199	0.895826974
1.068886538	0.829747103	1.134643158	0.886363984
0.978347379	1.097966327	1.134928333	0.853927897
1.115887553	0.90150127	1.135185173	0.992381686
1.067500751	0.902634485	1.135268143	0.890692051
2.094183569	1.002011703	1.135638341	1.842566594
0.933851208	0.890095012	1.136032187	0.833110417
1.070833185	0.853746323	1.136231368	0.978327248
1.078510923	0.893996085	1.136298771	0.948989766
0.93590712	0.907610441	1.136322296	0.84475713
1.185858904	0.835681472	1.136384242	1.072624589
1.049941256	0.926529869	1.137122271	0.932300424
1.084508791	0.899023717	1.137283784	0.916879064
1.143954858	0.893282285	1.137381031	1.010991738
1.17165696	0.934233367	1.137516994	1.062939581
0.992207	0.935284575	1.137664534	0.968756549
1.010439602	0.911970464	1.137665161	0.949304592
1.050814493	0.865728452	1.138545021	0.901768701
0.859888348	0.841952714	1.139184989	0.765580245
1.297781828	0.846300508	1.139553257	1.09769233
0.89795565	0.877819034	1.139722808	0.764231646
1.227748995	0.918108531	1.139870722	1.000249871
1.592935405	0.835913615	1.139963157	1.297778948
1.017904197	0.932601187	1.140077316	0.912351315
0.929966988	1.035701072	1.140388977	0.814288714
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