

Table 1-1 - hnRNP K co-immunoprecipitated transcripts

Gene Symbol	Description	Fold change
LOC290876	Rattus norvegicus similar to RIKEN cDNA 1700029H14 (LOC290876), mRNA [NM_001037182]	468,618
Lmx1b	Homeodomain protein LMX1b [Source:UniProtKB/TrEMBL;Acc:Q811V1] [ENSRNOT00000022953]	330,314
0	Unknown	212,281
Sod3	Rattus norvegicus superoxide dismutase 3, extracellular (Sod3), mRNA [NM_012880]	197,456
Kcnc3	Rattus norvegicus mRNA sequence. [M84210]	194,736
Ctnnd1	Rattus norvegicus catenin (cadherin associated protein), delta 1 (Ctnnd1), mRNA [NM_001107740]	188,589
Pcdhgc5	Rattus norvegicus protocadherin gamma c5 (Pcdhgc5), mRNA [NM_001164288]	187,617
LOC688314	PREDICTED: Rattus norvegicus similar to stimulated by retinoic acid 13 (LOC688314), mRNA [XM_001081840]	170,099
Antxr1	Rattus norvegicus anthrax toxin receptor 1 (Antxr1), mRNA [NM_001044249]	169,160
Hspb6	Rattus norvegicus heat shock protein, alpha-crystallin-related, B6 (Hspb6), mRNA [NM_138887]	169,062
Iglon5	PREDICTED: Rattus norvegicus IgLON family member 5 (Iglon5), mRNA [XM_218634]	168,063
0	Unknown	160,431
Nrgn	Rattus norvegicus neurogranin (Nrgn), mRNA [NM_024140]	158,519
RGD1561016	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDR7] [ENSRNOT00000017340]	153,143
RGD1564163	Rattus norvegicus similar to RIKEN cDNA 1700025K23 (RGD1564163), mRNA [NM_001109266]	152,681
0	Rattus norvegicus TL0AEA67YN06 mRNA sequence. [FQ231880]	149,071
Gpr3711	Rattus norvegicus G protein-coupled receptor 37-like 1 (Gpr3711), mRNA [NM_145784]	148,764
Nlgn3	Rattus norvegicus neuroligin 3 (Nlgn3), mRNA [NM_134336]	147,096
Gatc	Rattus norvegicus glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial) (Gatc), mRNA [NM_001108339]	138,415
Gstm7	Rattus norvegicus glutathione S-transferase, mu 7 (Gstm7), mRNA [NM_031154]	136,907
Gm2a	Rattus norvegicus GM2 ganglioside activator (Gm2a), mRNA [NM_172335]	135,988
Slc9a3r1	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 (Slc9a3r1), mRNA [NM_021594]	134,266
Slc13a3	Rattus norvegicus solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3 (Slc13a3), mRNA [NM_022866]	132,498
Tcf3	Rattus norvegicus transcription factor 3 (Tcf3), mRNA [NM_001107865]	129,071
Prrt1	Rattus norvegicus proline-rich transmembrane protein 1 (Prrt1), mRNA [NM_001032285]	128,651
Ocln	Rattus norvegicus occludin (Ocln), mRNA [NM_031329]	127,667
Znf575	Rattus norvegicus zinc finger protein 575 (Znf575), mRNA [NM_001107489]	126,828
Syn1	Rattus norvegicus synapsin I (Syn1), transcript variant a, mRNA [NM_019133]	125,695
Lrrc8a	Rattus norvegicus leucine rich repeat containing 8 family, member A (Lrrc8a), mRNA [NM_001024782]	124,763
Dpysl5	Rattus norvegicus dihydropyrimidinase-like 5 (Dpysl5), mRNA [NM_023023]	124,181

Cldnd1	Rattus norvegicus claudin domain containing 1 (Cldnd1), mRNA [NM_001006955]	122,625
Ncam1	Rattus norvegicus neural cell adhesion molecule 1 (Ncam1), mRNA [NM_031521]	122,287
Bcan	Rattus norvegicus brevican (Bcan), transcript variant 2, mRNA [NM_012916]	121,479
Tbx6	Rattus norvegicus T-box 6 (Tbx6), mRNA [NM_001108920]	120,419
Vangl2	Rattus norvegicus vang-like 2 (van gogh, Drosophila) (Vangl2), mRNA [NM_001105969]	120,172
0	Unknown	118,895
Ly6e	Rattus norvegicus lymphocyte antigen 6 complex, locus E (Ly6e), mRNA [NM_001017467]	118,666
Eln	Rattus norvegicus elastin (Eln), mRNA [NM_012722]	117,300
Clip3	Rattus norvegicus CAP-GLY domain containing linker protein 3 (Clip3), mRNA [NM_001107501]	116,712
Apba1	Rattus norvegicus amyloid beta (A4) precursor protein-binding, family A, member 1 (Apba1), mRNA [NM_031779]	116,398
Sepp1	Rattus norvegicus selenoprotein P, plasma, 1 (Sepp1), transcript variant 2, mRNA [NM_001083911]	116,206
Olr857	Rattus norvegicus olfactory receptor 857 (Olr857), mRNA [NM_001000583]	113,176
Fam163b	Rattus norvegicus family with sequence similarity 163, member B (Fam163b), mRNA [NM_001109458]	113,048
Ppap2b	Rattus norvegicus phosphatidic acid phosphatase type 2B (Ppap2b), mRNA [NM_138905]	110,887
Ina	Rattus norvegicus internexin neuronal intermediate filament protein, alpha (Ina), mRNA [NM_019128]	110,483
Uba1	Rattus norvegicus ubiquitin-like modifier activating enzyme 1 (Uba1), mRNA [NM_001014080]	109,022
Dlg4	Rattus norvegicus discs, large homolog 4 (Drosophila) (Dlg4), mRNA [NM_019621]	108,950
Fa2h	Rattus norvegicus fatty acid 2-hydroxylase (Fa2h), mRNA [NM_001135583]	108,842
Kcnc3	Rattus norvegicus potassium voltage gated channel, Shaw-related subfamily, member 3 (Kcnc3), mRNA [NM_053997]	107,429
Nnat	Rattus norvegicus neuronatin (Nnat), transcript variant 1, mRNA [NM_053601]	106,863
Aes	Rattus norvegicus amino-terminal enhancer of split (Aes), mRNA [NM_019220]	106,196
Mrpl52	Rattus norvegicus mitochondrial ribosomal protein L52 (Mrpl52), nuclear gene encoding mitochondrial protein, mRNA [NM_001108375]	105,588
0	Unknown	104,046
Prrt1	Rattus norvegicus proline-rich transmembrane protein 1 (Prrt1), mRNA [NM_001032285]	103,917
Wbp2	Rattus norvegicus WW domain binding protein 2 (Wbp2), mRNA [NM_138975]	103,817
Ntrk2	Rattus norvegicus neurotrophic tyrosine kinase, receptor, type 2 (Ntrk2), transcript variant 2, mRNA [NM_001163168]	103,273
Stk32b	Rattus norvegicus serine/threonine kinase 32B (Stk32b), mRNA [NM_001107224]	101,830
Zmat2	Rattus norvegicus zinc finger, matrin type 2 (Zmat2), mRNA [NM_001135582]	101,750
Eny2	Rattus norvegicus enhancer of yellow 2 homolog (Drosophila) (Eny2), mRNA [NM_001130580]	101,561
Dynlrb1	Rattus norvegicus dynein light chain roadblock-type 1 (Dynlrb1), mRNA [NM_131910]	101,527
Mon1b	Rattus norvegicus MON1 homolog b (yeast) (Mon1b), mRNA [NM_001107433]	100,633
Prkaca	Rattus norvegicus protein kinase, cAMP-dependent, catalytic, alpha (Prkaca), mRNA [NM_001100922]	99,762
Elmo1	Rattus norvegicus engulfment and cell motility 1 (Elmo1), mRNA [NM_001108415]	99,642
Sipa1l3	Rattus norvegicus signal-induced proliferation-associated 1 like 3 (Sipa1l3), mRNA [NM_001013066]	99,295

Rab23	Rattus norvegicus RAB23, member RAS oncogene family (Rab23), mRNA [NM_001109005]	99,288
Accn2	Rattus norvegicus amiloride-sensitive cation channel 2, neuronal (Accn2), mRNA [NM_024154]	98,677
LOC306766	Rattus norvegicus hypothetical LOC306766 (LOC306766), mRNA [NM_001014007]	98,595
Zfp398	Rattus norvegicus zinc finger protein 398 (Zfp398), mRNA [NM_001109230]	98,298
Ccnk	Rattus norvegicus cyclin K (Ccnk), mRNA [NM_001109672]	98,278
RGD1565095	Rattus norvegicus similar to hypothetical protein MGC52110 (RGD1565095), mRNA [NM_001195488]	98,067
Nptx1	Rattus norvegicus neuronal pentraxin 1 (Nptx1), mRNA [NM_153735]	97,874
Scrn2	Rattus norvegicus secernin 2 (Scrn2), mRNA [NM_001012142]	97,427
Fem1c	Rattus norvegicus fem-1 homolog c (C. elegans) (Fem1c), mRNA [NM_001106932]	97,067
RGD1565920	PREDICTED: Rattus norvegicus similar to OTTMUSP00000000438 (RGD1565920), mRNA [XM_344713]	96,552
Coro2b	Coro2b protein [Source:UniProtKB/TrEMBL;Acc:Q5EB67] [ENSRNOT00000020951]	96,245
Dlc1	Rattus norvegicus deleted in liver cancer 1 (Dlc1), mRNA [NM_001127446]	96,153
Sox8	Rattus norvegicus SRY (sex determining region Y)-box 8 (Sox8), mRNA [NM_001106989]	96,082
LOC100188932	Rattus norvegicus dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 4 (LOC100188932), transcript variant 2, mRNA [NM_001134690]	95,839
Cxcl16	Rattus norvegicus chemokine (C-X-C motif) ligand 16 (Cxcl16), mRNA [NM_001017478]	95,602
Copz2	Rattus norvegicus coatamer protein complex, subunit zeta 2 (Copz2), mRNA [NM_001108294]	95,214
Dab2	Rattus norvegicus disabled homolog 2 (Drosophila) (Dab2), mRNA [NM_024159]	94,146
Zbed3	Rattus norvegicus zinc finger, BED-type containing 3 (Zbed3), mRNA [NM_001025729]	93,809
Hspb2	Rattus norvegicus heat shock protein beta 2 (Hspb2), mRNA [NM_130431]	93,693
Fn3krp	Rattus norvegicus fructosamine-3-kinase-related protein (Fn3krp), mRNA [NM_001107077]	93,575
Ctdsp1	Rattus norvegicus CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1 (Ctdsp1), mRNA [NM_001128079]	93,471
RGD1308772	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIN5] [ENSRNOT00000013780]	93,309
Bcl9l	Rattus norvegicus B-cell CLL/lymphoma 9-like (Bcl9l), mRNA [NM_001106817]	92,888
Nrarp	Rattus norvegicus Notch-regulated ankyrin repeat protein (Nrarp), mRNA [NM_001143750]	92,119
Bak1	Rattus norvegicus BCL2-antagonist/killer 1 (Bak1), mRNA [NM_053812]	92,047
Ganc	Rattus norvegicus glucosidase, alpha; neutral C (Ganc), mRNA [NM_001145840]	91,864
Col6a2	Rattus norvegicus collagen, type VI, alpha 2 (Col6a2), mRNA [NM_001100741]	91,744
LOC689574	Rattus norvegicus hypothetical protein LOC689574 (LOC689574), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_001195503]	90,699
Tmem69	Rattus norvegicus transmembrane protein 69 (Tmem69), mRNA [NM_001035001]	90,639
Paqr4	Rattus norvegicus progestin and adipoQ receptor family member IV (Paqr4), mRNA [NM_001017377]	90,260
Tubb4	Rattus norvegicus tubulin, beta 4 (Tubb4), mRNA [NM_080882]	90,205
Grif1	PREDICTED: Rattus norvegicus glucocorticoid receptor DNA binding factor 1 (Grif1), mRNA [XM_001053554]	90,070

Ppp1r9b	Rattus norvegicus protein phosphatase 1, regulatory subunit 9B (Ppp1r9b), mRNA [NM_053474]	89,856
Slc25a23	Rattus norvegicus solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23 (Slc25a23), nuclear gene encoding mitochondrial protein, mRNA [NM_001106873]	89,771
Tet3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZES0] [ENSRNOT00000031312]	89,707
Vom1r61	Rattus norvegicus vomeronasal 1 receptor 61 (Vom1r61), mRNA [NM_001008935]	89,667
Opa3	Rattus norvegicus optic atrophy 3 (human) (Opa3), nuclear gene encoding mitochondrial protein, mRNA [NM_001107486]	89,617
LOC691024	Rattus norvegicus similar to Protein C9orf25 homolog (LOC691024), mRNA [NM_001109616]	89,522
0	Q8VEL4_MOUSE (Q8VEL4) Dullard homolog, partial (91%) [TC579581]	89,371
0	Rattus norvegicus similar to Spindlin homolog (Protein DXF34) (LOC367474), mRNA [XM_346153]	89,237
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5I5] [ENSRNOT00000039250]	89,137
Sema6d	Rattus norvegicus sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D (Sema6d), mRNA [NM_001107768]	88,268
Rph3a	Rattus norvegicus rabphilin 3A (Rph3a), mRNA [NM_133518]	88,198
Fam100a	Rattus norvegicus family with sequence similarity 100, member A (Fam100a), mRNA [NM_001007668]	87,396
Map1a	Rattus norvegicus microtubule-associated protein 1A (Map1a), mRNA [NM_030995]	86,845
LOC652956	Rattus norvegicus p55 protein (LOC652956), mRNA [NM_001037659]	86,513
Cdc7	Rattus norvegicus cell division cycle 7 homolog (S. cerevisiae) (Cdc7), mRNA [NM_001108352]	86,196
Pip4k2a	Rattus norvegicus phosphatidylinositol-5-phosphate 4-kinase, type II, alpha (Pip4k2a), mRNA [NM_053926]	86,132
Tpp1	Rattus norvegicus tripeptidyl peptidase I (Tpp1), mRNA [NM_031357]	85,951
Sfxn3	Rattus norvegicus sideroflexin 3 (Sfxn3), mRNA [NM_022948]	85,826
Tmem169	Rattus norvegicus transmembrane protein 169 (Tmem169), mRNA [NM_001109574]	85,567
Znf580	PREDICTED: Rattus norvegicus zinc finger protein 580 (Znf580), mRNA [XM_001072400]	85,553
Myl12b	Rattus norvegicus myosin, light chain 12B, regulatory (Myl12b), mRNA [NM_017343]	85,448
Slc26a1	Rattus norvegicus solute carrier family 26 (sulfate transporter), member 1 (Slc26a1), mRNA [NM_022287]	85,162
Ube2q2l	Rattus norvegicus ubiquitin-conjugating enzyme E2Q family member 2-like (Ube2q2l), mRNA [NM_001135997]	85,147
Nfia	Rattus norvegicus nuclear factor I/A (Nfia), mRNA [NM_012988]	84,714
Cxcl14	Rattus norvegicus chemokine (C-X-C motif) ligand 14 (Cxcl14), mRNA [NM_001013137]	84,680
Ndufs4	Rattus norvegicus NADH dehydrogenase (ubiquinone) Fe-S protein 4 (Ndufs4), nuclear gene encoding mitochondrial protein, mRNA [NM_001025146]	84,427
Stxbp1	Rattus norvegicus syntaxin binding protein 1 (Stxbp1), mRNA [NM_013038]	84,419
Creb3l1	Rattus norvegicus cAMP responsive element binding protein 3-like 1 (Creb3l1), mRNA [NM_001005562]	84,403
Copz1	Rattus norvegicus coatamer protein complex, subunit zeta 1 (Copz1), mRNA [NM_001108117]	84,393
Fam163a	Rattus norvegicus family with sequence similarity 163, member A (Fam163a), mRNA [NM_001109072]	84,047
0	Unknown	83,828
LOC691024	Rattus norvegicus similar to Protein C9orf25 homolog (LOC691024), mRNA [NM_001109616]	83,421

Lrp5	Rattus norvegicus low density lipoprotein receptor-related protein 5 (Lrp5), mRNA [NM_001106321]	83,320
RGD1565164	PREDICTED: Rattus norvegicus similar to associated molecule with the SH3 domain of STAM (RGD1565164), mRNA [XM_001053795]	83,272
0	Unknown	83,003
Fktn	Rattus norvegicus fukutin (Fktn), mRNA [NM_001108667]	82,970
Sprr1a1	PREDICTED: Rattus norvegicus small proline-rich protein 1A-like (Sprr1a1), mRNA [XM_001056859]	82,926
0	Unknown	82,773
LOC313672	Rattus norvegicus kazrin (LOC313672), mRNA [NM_001014070]	82,459
Lhpp	Rattus norvegicus phospholysine phosphohistidine inorganic pyrophosphate phosphatase (Lhpp), mRNA [NM_001009706]	82,143
0	Putative bHLH transcription factor [Source:UniProtKB/TrEMBL;Acc:Q8VD56] [ENSRNOT00000018309]	81,656
Kcnj10	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 10 (Kcnj10), mRNA [NM_031602]	81,627
Aif1l	Rattus norvegicus allograft inflammatory factor 1-like (Aif1l), mRNA [NM_001108578]	81,552
Igfbp5	Rattus norvegicus insulin-like growth factor binding protein 5 (Igfbp5), mRNA [NM_012817]	81,322
RGD1560691	Rattus norvegicus similar to calcium/calmodulin-dependent protein kinase 1D (RGD1560691), mRNA [NM_001107365]	81,284
Mmachc	Rattus norvegicus methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria (Mmachc), mRNA [NM_001107962]	81,156
LOC681292	PREDICTED: Rattus norvegicus hypothetical protein LOC681292 (LOC681292), mRNA [XM_001061110]	80,991
Mtss1l	Rattus norvegicus metastasis suppressor 1-like (Mtss1l), mRNA [NM_001191558]	80,966
LOC684327	PREDICTED: Rattus norvegicus similar to inter-alpha (globulin) inhibitor H5 (LOC684327), mRNA [XM_001069890]	80,543
Cyb5r3	Rattus norvegicus cytochrome b5 reductase 3 (Cyb5r3), mRNA [NM_138877]	80,499
Smg6	Rattus norvegicus Smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans) (Smg6), mRNA [NM_001105808]	80,443
Zfp278	Rattus norvegicus zinc finger protein 278 (Zfp278), mRNA [NM_001107231]	80,132
Mapre3	Rattus norvegicus microtubule-associated protein, RP/EB family, member 3 (Mapre3), mRNA [NM_001007656]	79,978
G6pd	Rattus norvegicus glucose-6-phosphate dehydrogenase (G6pd), mRNA [NM_017006]	79,881
0	Unknown	79,657
Prkcg	Rattus norvegicus protein kinase C, gamma (Prkcg), mRNA [NM_012628]	79,476
Cplx1	Rattus norvegicus complexin 1 (Cplx1), mRNA [NM_022864]	79,348
Sox10	Rattus norvegicus SRY (sex determining region Y)-box 10 (Sox10), mRNA [NM_019193]	79,193
Spata2L	Rattus norvegicus spermatogenesis associated 2-like (Spata2L), mRNA [NM_001109133]	79,173
Slc25a35	Rattus norvegicus solute carrier family 25, member 35 (Slc25a35), mRNA [NM_001109033]	78,903
Shank1	Rattus norvegicus SH3 and multiple ankyrin repeat domains 1 (Shank1), mRNA [NM_031751]	78,681
Ttyh3	Rattus norvegicus tweety homolog 3 (Drosophila) (Ttyh3), mRNA [NM_001107124]	78,648
Pdk2	Rattus norvegicus pyruvate dehydrogenase kinase, isozyme 2 (Pdk2), nuclear gene encoding mitochondrial protein, mRNA [NM_030872]	78,567
Dnm3	Rattus norvegicus dynamin 3 (Dnm3), mRNA [NM_138538]	78,455
Samd4b	Rattus norvegicus sterile alpha motif domain containing 4B (Samd4b), mRNA [NM_001107498]	77,795
Git1	Rattus norvegicus G protein-coupled receptor kinase interacting ArfGAP 1 (Git1), mRNA [NM_031814]	77,735

RGD1559892	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1559892), mRNA [XM_001071693]	77,630
Cyfp2	Rattus norvegicus cytoplasmic FMR1 interacting protein 2 (Cyfp2), mRNA [NM_001106996]	77,511
Adcyap1r1	Rattus norvegicus adenylate cyclase activating polypeptide 1 receptor 1 (Adcyap1r1), mRNA [NM_133511]	77,342
Atxn2l	Rattus norvegicus ataxin 2-like (Atxn2l), mRNA [NM_001130097]	76,964
Aplp1	Rattus norvegicus amyloid beta (A4) precursor-like protein 1 (Aplp1), mRNA [NM_001100802]	76,904
Fntb	Rattus norvegicus farnesyltransferase, CAAX box, beta (Fntb), mRNA [NM_172034]	76,822
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCL1] [ENSRNOT00000032257]	76,709
Bcorl1	Rattus norvegicus BCL6 co-repressor-like 1 (Bcorl1), mRNA [NM_001191587]	76,672
0	Unknown	76,124
Gas7	Rattus norvegicus growth arrest specific 7 (Gas7), mRNA [NM_053484]	75,999
Fam113b	Rattus norvegicus family with sequence similarity 113, member B (Fam113b), mRNA [NM_001039454]	75,642
Slc29a4	Rattus norvegicus solute carrier family 29 (nucleoside transporters), member 4 (Slc29a4), mRNA [NM_001105911]	75,553
0	Unknown	75,347
Mtss1l	Rattus norvegicus metastasis suppressor 1-like (Mtss1l), mRNA [NM_001191558]	75,194
Gpr75	Rattus norvegicus G protein-coupled receptor 75 (Gpr75), mRNA [NM_001109096]	75,108
LOC685385	PREDICTED: Rattus norvegicus similar to S100 calcium binding protein A14 (LOC685385), mRNA [XM_002725995]	75,020
Opcml	Rattus norvegicus opioid binding protein/cell adhesion molecule-like (Opcml), mRNA [NM_053848]	74,830
Zmpste24	Rattus norvegicus zinc metallopeptidase, STE24 homolog (S. cerevisiae) (Zmpste24), mRNA [NM_001107974]	74,244
Ppme1	Rattus norvegicus protein phosphatase methylesterase 1 (Ppme1), mRNA [NM_001191838]	74,169
Csrp1	Rattus norvegicus cysteine and glycine-rich protein 1 (Csrp1), mRNA [NM_017148]	74,131
Slc27a1	Rattus norvegicus solute carrier family 27 (fatty acid transporter), member 1 (Slc27a1), mRNA [NM_053580]	74,119
Ssbp3	Rattus norvegicus single stranded DNA binding protein 3 (Ssbp3), mRNA [NM_053358]	74,018
0	Unknown	73,788
Cdkn2aipnl	Rattus norvegicus CDKN2A interacting protein N-terminal like (Cdkn2aipnl), mRNA [NM_001008278]	73,704
LOC691984	PREDICTED: Rattus norvegicus similar to Glypican-6 precursor (LOC691984), mRNA [XM_002725130]	73,692
RGD1565772	Rattus norvegicus similar to hypothetical protein A430110N23 (RGD1565772), mRNA [NM_001134545]	73,544
Sf3a2	Rattus norvegicus splicing factor 3a, subunit 2 (Sf3a2), mRNA [NM_001011986]	73,527
Ece1	Rattus norvegicus endothelin converting enzyme 1 (Ece1), mRNA [NM_053596]	73,439
Carm1	Rattus norvegicus coactivator-associated arginine methyltransferase 1 (Carm1), transcript variant 1, mRNA [NM_001030041]	73,060
Grm4	Rattus norvegicus glutamate receptor, metabotropic 4 (Grm4), mRNA [NM_022666]	73,043
Cd248	Rattus norvegicus CD248 molecule, endosialin (Cd248), mRNA [NM_001106325]	72,951
Pip5k1c	Rattus norvegicus phosphatidylinositol-4-phosphate 5-kinase, type I, gamma (Pip5k1c), transcript variant c, mRNA [NM_001009967]	72,467
Adcyap1r1	Rattus norvegicus adenylate cyclase activating polypeptide 1 receptor 1 (Adcyap1r1), mRNA [NM_133511]	72,378
Arsb	Rattus norvegicus arylsulfatase B (Arsb), mRNA [NM_033443]	72,356

Wipf3	Rattus norvegicus WAS/WASL interacting protein family, member 3 (Wipf3), mRNA [NM_147211]	72,237
Znf703	Rattus norvegicus zinc finger protein 703 (Znf703), mRNA [NM_001109425]	71,872
Elmo3	Rattus norvegicus engulfment and cell motility 3 (Elmo3), mRNA [NM_001030028]	71,618
B3gnt7	Rattus norvegicus UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7 (B3gnt7), mRNA [NM_001012134]	71,514
0	Unknown	71,460
Igf2	Rattus norvegicus insulin-like growth factor 2 (Igf2), transcript variant 1, mRNA [NM_031511]	71,400
Rab5b	Rattus norvegicus RAB5B, member RAS oncogene family (Rab5b), mRNA [NM_001079936]	71,078
Eef1a2	Rattus norvegicus eukaryotic translation elongation factor 1 alpha 2 (Eef1a2), mRNA [NM_012660]	71,025
Bruno15	Rattus norvegicus bruno-like 5, RNA binding protein (Drosophila) (Bruno15), mRNA [NM_001135603]	70,841
Coq10a	Rattus norvegicus coenzyme Q10 homolog A (S. cerevisiae) (Coq10a), nuclear gene encoding mitochondrial protein, mRNA [NM_001108727]	70,436
Cblb	Rattus norvegicus Cas-Br-M (murine) ecotropic retroviral transforming sequence b (Cblb), mRNA [NM_133601]	70,336
Creb3l2	Rattus norvegicus cAMP responsive element binding protein 3-like 2 (Creb3l2), mRNA [NM_001012188]	70,306
Shisa7	Rattus norvegicus shisa homolog 7 (Xenopus laevis) (Shisa7), mRNA [NM_001145175]	70,281
0	LAMBV_CHICK (Q01636) Laminin beta-1 chain variant (Laminin beta-1-2 chain) (Fragment), partial (11%) [TC599571]	70,253
Tmem214	Rattus norvegicus transmembrane protein 214 (Tmem214), mRNA [NM_001014195]	70,045
Rab1b	Rattus norvegicus RAB1B, member RAS oncogene family (Rab1b), mRNA [NM_001109979]	69,993
Cbl1	Rattus norvegicus Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1 (Cbl1), mRNA [NM_001108018]	69,808
Cacng4	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 4 (Cacng4), mRNA [NM_080692]	69,568
0	Unknown	69,336
Midn	Rattus norvegicus midnolin (Midn), mRNA [NM_001191577]	69,223
RGD1309823	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ21156 (RGD1309823), miscRNA [XR_085840]	69,195
0	Rattus norvegicus, 25 clones, strain BN/SsNHsdMCW RNOR03324481, whole genome shotgun sequence [AABR03128056]	69,193
RGD1562814	Rattus norvegicus similar to Peptidyl-prolyl cis-trans isomerase A (PPIase) (Rotamase) (Cyclophilin A) (Cyclosporin A-binding protein) (SP18) (LOC366866), mRNA [XM_345810]	69,178
0	Rattus norvegicus clone UI-R-FJ0-cpy-I-05-0-UI unknown mRNA. [AY724520]	69,019
Sarm1	Rattus norvegicus sterile alpha and TIR motif containing 1 (Sarm1), mRNA [NM_001105817]	69,018
Dap	Rattus norvegicus death-associated protein (Dap), mRNA [NM_022526]	69,007
Nrxn2	Rattus norvegicus neurexin 2 (Nrxn2), mRNA [NM_053846]	68,994
Ryr2	Rattus norvegicus ryanodine receptor 2, cardiac (Ryr2), transcript variant 1, mRNA [NM_032078]	68,987
Mapre2	Rattus norvegicus microtubule-associated protein, RP/EB family, member 2 (Mapre2), mRNA [NM_001101000]	68,915
RGD1309228	Rattus norvegicus similar to putative protein, with at least 9 transmembrane domains, of eukaryotic origin (43.9 kD) (2G415) (RGD1309228), mRNA [NM_001017451]	68,760
Med15	Rattus norvegicus mediator complex subunit 15 (Med15), mRNA [NM_001108325]	68,709
LOC314140	Rattus norvegicus ribose-phosphate pyrophosphokinase I-like (LOC314140), mRNA [NM_001009694]	68,657

0	Unknown	68,550
Cnot4	Rattus norvegicus CCR4-NOT transcription complex, subunit 4 (Cnot4), mRNA [NM_001037782]	68,445
Sema4b	Rattus norvegicus sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (Sema4b), mRNA [NM_001170462]	68,400
Cacng7	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 7 (Cacng7), mRNA [NM_080695]	68,390
0	Somatoliberin [Source:UniProtKB/Swiss-Prot;Acc:P09916] [ENSRNOT00000010298]	68,314
Zfp278	Rattus norvegicus zinc finger protein 278 (Zfp278), mRNA [NM_001107231]	68,303
Spon1	Rattus norvegicus spondin 1, extracellular matrix protein (Spon1), mRNA [NM_172067]	68,199
Rph3al	Rattus norvegicus rabphilin 3A-like (without C2 domains) (Rph3al), mRNA [NM_133591]	68,119
0	Unknown	67,923
Klrk1	Rattus norvegicus killer cell lectin-like receptor subfamily K, member 1 (Klrk1), mRNA [NM_133512]	67,769
Krt1	Rattus norvegicus keratin 1 (Krt1), mRNA [NM_001008802]	67,680
0	AGENCOURT_109872229 NIH_MGC_418 Rattus norvegicus cDNA clone IMAGE:9024004 5', mRNA sequence [EV766865]	67,586
Cntnap1	Rattus norvegicus contactin associated protein 1 (Cntnap1), mRNA [NM_032061]	67,481
Raver1	Rattus norvegicus ribonucleoprotein, PTB-binding 1 (Raver1), mRNA [NM_001013939]	67,345
Sos2	Rattus norvegicus son of sevenless homolog 2 (Drosophila) (Sos2), mRNA [NM_001135561]	67,293
Ctdsp1	Rattus norvegicus CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1 (Ctdsp1), mRNA [NM_001128079]	67,074
Prr13	Rattus norvegicus proline rich 13 (Prr13), mRNA [NM_001008379]	67,007
RGD1562890	Rattus norvegicus RGD1562890 (RGD1562890), non-coding RNA [NR_037704]	66,820
Tgfb2	Rattus norvegicus transforming growth factor, beta 2 (Tgfb2), mRNA [NM_031131]	66,785
0	RGS6_HUMAN (P49758) Regulator of G-protein signaling 6 (RGS6) (S914), partial (11%) [TC592366]	66,700
Mudeng	Rattus norvegicus MU-2/AP1M2 domain containing, death-inducing (Mudeng), mRNA [NM_001030036]	66,689
0	RATMTCYTOC Rattus norvegicus tRNA-Trp, tRNA-Ala, tRNA-Asn, tRNA-Cys, and tRNA-Tyr genes, complete sequence; cytochrome c oxidase subunit I (Co I) gene, complete cds; tRNA-Ser and tRNA-Asp genes, complete sequence; cytochrome c oxidase subunit II (Co II) g	66,509
Dcakd	Rattus norvegicus dephospho-CoA kinase domain containing (Dcakd), mRNA [NM_001007724]	66,477
Smmap2	Rattus norvegicus small ArfGAP2 (Smmap2), mRNA [NM_001100669]	66,419
Rab6b	Rattus norvegicus RAB6B, member RAS oncogene family (Rab6b), mRNA [NM_001108775]	66,407
Myo1e	Rattus norvegicus myosin IE (Myo1e), mRNA [NM_173101]	66,373
Nrep	Rattus norvegicus neuronal regeneration related protein (Nrep), mRNA [NM_178096]	66,207
Rere	Rattus norvegicus arginine-glutamic acid dipeptide (RE) repeats (Rere), mRNA [NM_053885]	66,181
Egr1	Rattus norvegicus early growth response 1 (Egr1), mRNA [NM_012551]	66,176
0	Unknown	66,172
Pitpnm2	Rattus norvegicus phosphatidylinositol transfer protein, membrane-associated 2 (Pitpnm2), mRNA [NM_001107139]	66,144
Zc4h2	Rattus norvegicus zinc finger, C4H2 domain containing (Zc4h2), mRNA [NM_001126374]	66,101

Plekhm1	Rattus norvegicus pleckstrin homology domain containing, family M (with RUN domain) member 1 (Plekhm1), mRNA [NM_001009677]	66,081
Cugbp1	Rattus norvegicus CUG triplet repeat, RNA binding protein 1 (Cugbp1), mRNA [NM_001025421]	66,008
Nlgn2	Rattus norvegicus neuroligin 2 (Nlgn2), mRNA [NM_053992]	65,983
RGD1563516	PREDICTED: Rattus norvegicus similar to histone protein Hist2h3c1 (RGD1563516), miscRNA [XR_006811]	65,907
Atoh1	Rattus norvegicus atonal homolog 1 (Drosophila) (Atoh1), mRNA [NM_001109238]	65,885
Bend6	Rattus norvegicus BEN domain containing 6 (Bend6), mRNA [NM_001108792]	65,788
0	Unknown	65,764
Ube2l3	Rattus norvegicus ubiquitin-conjugating enzyme E2L 3 (Ube2l3), mRNA [NM_001108847]	65,706
Cpt1a	Rattus norvegicus carnitine palmitoyltransferase 1a, liver (Cpt1a), nuclear gene encoding mitochondrial protein, mRNA [NM_031559]	65,597
0	Unknown	65,530
Kdm2a	Rattus norvegicus lysine (K)-specific demethylase 2A (Kdm2a), mRNA [NM_001108515]	65,433
Med25	Rattus norvegicus mediator complex subunit 25 (Med25), mRNA [NM_001170426]	65,428
Camk2d	Rattus norvegicus calcium/calmodulin-dependent protein kinase II delta (Camk2d), mRNA [NM_012519]	65,348
0	BF285957 EST450548 Rat Gene Index, normalized rat, Rattus norvegicus cDNA Rattus norvegicus cDNA clone RGIFL30, mRNA sequence [BF285957]	65,345
RGD1304952	Rattus norvegicus similar to RIKEN cDNA C530028O21 gene (RGD1304952), mRNA [NM_001014059]	65,340
Gng7	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 7 (Gng7), mRNA [NM_024138]	65,295
Nrsn1	Rattus norvegicus neurensin 1 (Nrsn1), mRNA [NM_001106109]	65,271
Plekhb1	Rattus norvegicus pleckstrin homology domain containing, family B (evectins) member 1 (Plekhb1), mRNA [NM_172033]	65,242
Ube2d1	Rattus norvegicus ubiquitin-conjugating enzyme E2D 1, UBC4/5 homolog (yeast) (Ube2d1), mRNA [NM_001108530]	64,957
Hic1	Rattus norvegicus hypermethylated in cancer 1 (Hic1), mRNA [NM_001107021]	64,894
Prkaca	Rattus norvegicus protein kinase, cAMP-dependent, catalytic, alpha (Prkaca), mRNA [NM_001100922]	64,862
Ppard	Rattus norvegicus peroxisome proliferator-activated receptor delta (Ppard), mRNA [NM_013141]	64,821
Il13ra1	Rattus norvegicus interleukin 13 receptor, alpha 1 (Il13ra1), mRNA [NM_145789]	64,543
Bbs1	Rattus norvegicus Bardet-Biedl syndrome 1 (Bbs1), mRNA [NM_001107569]	64,496
Megf11	PREDICTED: Rattus norvegicus multiple EGF-like-domains 11 (Megf11), mRNA [XM_001078620]	64,480
Cfl1	Rattus norvegicus cofilin 1, non-muscle (Cfl1), mRNA [NM_017147]	64,387
0	Unknown	64,283
Hcfc1r1	Rattus norvegicus host cell factor C1 regulator 1 (XPO1-dependent) (Hcfc1r1), transcript variant 1, mRNA [NM_001185047]	64,278
Hmgcs2	Rattus norvegicus 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial) (Hmgcs2), nuclear gene encoding mitochondrial protein, mRNA [NM_173094]	64,277
LOC100364559	PREDICTED: Rattus norvegicus gene model 691, (NCBI)-like (LOC100364559), mRNA [XM_002726287]	64,173
Nrxn2	Rattus norvegicus neurexin 2 (Nrxn2), mRNA [NM_053846]	64,044
Plip	Rattus norvegicus plasma membrane proteolipid (plasmolipin) (Plip), mRNA [NM_022533]	63,933

Dullard	Rattus norvegicus Dullard homolog (Xenopus laevis) (Dullard), mRNA [NM_001100494]	63,875
39692	Rattus norvegicus septin 8 (Sept8), mRNA [NM_001107002]	63,656
Fxyd7	Rattus norvegicus FXYD domain-containing ion transport regulator 7 (Fxyd7), mRNA [NM_022008]	63,544
Zc3h7b	Rattus norvegicus zinc finger CCCH-type containing 7B (Zc3h7b), mRNA [NM_001130695]	63,359
Wiz	Rattus norvegicus widely-interspaced zinc finger motifs (Wiz), mRNA [NM_001108064]	63,332
0	Palmitoyl-protein thioesterase 1 [Source:UniProtKB/Swiss-Prot;Acc:P45479] [ENSRNOT00000017998]	63,067
H2afx	Rattus norvegicus H2A histone family, member X (H2afx), mRNA [NM_001109291]	62,915
Apln	Rattus norvegicus apelin (Apln), mRNA [NM_031612]	62,878
Banf1	Rattus norvegicus barrier to autointegration factor 1 (Banf1), mRNA [NM_053631]	62,836
0	Unknown	62,789
Slc41a1	Rattus norvegicus solute carrier family 41, member 1 (Slc41a1), mRNA [NM_001108855]	62,752
0	Unknown	62,724
0	Unknown	62,719
Atxn2l	Rattus norvegicus ataxin 2-like (Atxn2l), mRNA [NM_001130097]	62,580
Hist1h2bh	Rattus norvegicus histone cluster 1, H2bh (Hist1h2bh), mRNA [NM_001107352]	62,546
Men1	Rattus norvegicus multiple endocrine neoplasia 1 (Men1), mRNA [NM_019208]	62,536
0	PREDICTED: Rattus norvegicus similar to mKIAA0574 protein (RGD1559470), mRNA [XM_001056143]	62,422
Slc38a7	Rattus norvegicus solute carrier family 38, member 7 (Slc38a7), mRNA [NM_001003705]	62,234
LOC313641	PREDICTED: Rattus norvegicus perlecan (LOC313641), miscRNA [XR_009630]	62,209
Kdm6b	Rattus norvegicus lysine (K)-specific demethylase 6B (Kdm6b), mRNA [NM_001108829]	62,121
Pkp2	Rattus norvegicus plakophilin 2 (Pkp2), mRNA [NM_001100499]	62,093
0	Unknown	62,026
LOC686506	Rattus norvegicus hypothetical protein LOC686506 (LOC686506), mRNA [NM_001134729]	61,975
Jam2	Rattus norvegicus junctional adhesion molecule 2 (Jam2), mRNA [NM_001034004]	61,972
Zfp39	Rattus norvegicus zinc finger protein 39 (Zfp39), mRNA [NM_001107004]	61,953
Emp3	Rattus norvegicus epithelial membrane protein 3 (Emp3), mRNA [NM_030847]	61,628
Prrg3	PREDICTED: Rattus norvegicus proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane) (Prrg3), mRNA [XM_219845]	61,600
Sox13	Rattus norvegicus SRY (sex determining region Y)-box 13 (Sox13), mRNA [NM_001105952]	61,482
Slc7a5	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 5 (Slc7a5), mRNA [NM_017353]	61,445
Sap25	PREDICTED: Rattus norvegicus similar to FLJ00248 protein (RGD1562406), mRNA [XM_001076431]	61,427
Il1f5	Rattus norvegicus interleukin 1 family, member 5 (delta) (Il1f5), mRNA [NM_001107814]	61,300
RGD1308124	PREDICTED: Rattus norvegicus similar to KIAA1357 protein, transcript variant 2 (RGD1308124), mRNA [XM_002725450]	61,168
Mrps2	Rattus norvegicus mitochondrial ribosomal protein S2 (Mrps2), nuclear gene encoding mitochondrial protein, mRNA [NM_001108576]	61,089
0	additional sex combs like 3 (Drosophila) Gene [Source:MGI Symbol;Acc:MGI:2685175] [ENSRNOT00000020661]	61,012

Glrx1	Rattus norvegicus glutaredoxin 1 (Glrx1), mRNA [NM_022278]	60,980
Vcl	Rattus norvegicus vinculin (Vcl), mRNA [NM_001107248]	60,936
Wiz	Rattus norvegicus widely-interspaced zinc finger motifs (Wiz), mRNA [NM_001108064]	60,846
S100b	Rattus norvegicus S100 calcium binding protein B (S100b), mRNA [NM_013191]	60,719
Dock1	Rattus norvegicus dedicator of cyto-kinesis 1 (Dock1), mRNA [NM_001143858]	60,686
Fam107a	Rattus norvegicus family with sequence similarity 107, member A (Fam107a), mRNA [NM_001025129]	60,653
Irf2bp1	Rattus norvegicus interferon regulatory factor 2 binding protein 1 (Irf2bp1), mRNA [NM_001107483]	60,605
Alk	Rattus norvegicus anaplastic lymphoma kinase (Alk), mRNA [NM_001169101]	60,529
Sdc3	Rattus norvegicus syndecan 3 (Sdc3), mRNA [NM_053893]	60,480
Cd47	Rattus norvegicus Cd47 molecule (Cd47), mRNA [NM_019195]	60,383
0	Unknown	60,343
0	Unknown	60,261
Mcart1l	Rattus norvegicus mitochondrial carrier triple repeat 1-like (Mcart1l), nuclear gene encoding mitochondrial protein, mRNA [NM_001127602]	60,109
Vom1r-ps39	Rattus norvegicus vomeronasal 1 receptor pseudogene 39 (Vom1r-ps39), mRNA [NM_001009509]	60,046
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0J6] [ENSRNOT00000051194]	60,027
Fmn2	PREDICTED: Rattus norvegicus formin 2 (Fmn2), mRNA [XM_001058601]	60,016
Mesdc1	Rattus norvegicus mesoderm development candidate 1 (Mesdc1), mRNA [NM_001013149]	59,993
Notch2	Rattus norvegicus Notch homolog 2 (Drosophila) (Notch2), mRNA [NM_024358]	59,875
RGD1563319	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMZ8] [ENSRNOT00000027344]	59,827
Nrm	Rattus norvegicus nurim (nuclear envelope membrane protein) (Nrm), mRNA [NM_212508]	59,824
Eif4ebp2	Rattus norvegicus eukaryotic translation initiation factor 4E binding protein 2 (Eif4ebp2), mRNA [NM_001033069]	59,754
Ube2d2	Rattus norvegicus ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) (Ube2d2), mRNA [NM_001037292]	59,693
0	Unknown	59,522
Gstm6l	Rattus norvegicus glutathione S-transferase, mu 6-like (Gstm6l), mRNA [NM_001106464]	59,494
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC293697), mRNA [XM_219533]	59,428
Dazap2	Rattus norvegicus DAZ associated protein 2 (Dazap2), mRNA [NM_001013107]	59,421
Rbms2	Rattus norvegicus RNA binding motif, single stranded interacting protein 2 (Rbms2), mRNA [NM_001025403]	59,396
0	Unknown	59,370
Calcoco1	Rattus norvegicus calcium binding and coiled coil domain 1 (Calcoco1), mRNA [NM_139190]	59,307
0	Q8QQ04_CAMPS (Q8QQ04) CMP190R, partial (13%) [TC605838]	59,234
Atxn7l1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHW8] [ENSRNOT00000014054]	59,173
LOC680207	PREDICTED: Rattus norvegicus hypothetical protein LOC680207 (LOC680207), mRNA [XM_001056119]	59,036
RGD1305215	Rattus norvegicus similar to expressed sequence AA960436 (RGD1305215), mRNA [NM_001014013]	58,819
MII5	MII5 protein [Source:UniProtKB/TrEMBL;Acc:B1WBR7] [ENSRNOT00000038978]	58,779

Abhd15	Rattus norvegicus abhydrolase domain containing 15 (Abhd15), mRNA [NM_001107025]	58,747
Kcna7	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, member 7 (Kcna7), mRNA [NM_001108914]	58,743
0	Kinesin light chain 2 (Predicted), isoform CRA_bKlc2 protein [Source:UniProtKB/TrEMBL;Acc:B2GV74] [ENSRNOT00000041238]	58,536
Abhd4	Rattus norvegicus abhydrolase domain containing 4 (Abhd4), mRNA [NM_001108866]	58,501
0	Unknown	58,485
Ptpn23	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 23 (Ptpn23), mRNA [NM_057204]	58,467
Pcdh15	Unknown	58,450
0	AW914971 EST346275 Normalized rat ovary, Bento Soares Rattus sp. cDNA clone RGIBN04 5' end, mRNA sequence [AW914971]	58,444
Myd88	Rattus norvegicus myeloid differentiation primary response gene 88 (Myd88), mRNA [NM_198130]	58,379
Copz1	Rattus norvegicus coatomer protein complex, subunit zeta 1 (Copz1), mRNA [NM_001108117]	58,366
Grm4	Rattus norvegicus glutamate receptor, metabotropic 4 (Grm4), mRNA [NM_022666]	58,346
Rsu1	Rattus norvegicus Ras suppressor protein 1 (Rsu1), mRNA [NM_001109404]	58,328
Pnpla2	Rattus norvegicus patatin-like phospholipase domain containing 2 (Pnpla2), mRNA [NM_001108509]	58,290
Urm1	Rattus norvegicus ubiquitin related modifier 1 homolog (S. cerevisiae) (Urm1), mRNA [NM_001137562]	58,276
Enah	Rattus norvegicus enabled homolog (Drosophila) (Enah), mRNA [NM_001012150]	58,271
Ube2n	Rattus norvegicus ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast) (Ube2n), mRNA [NM_053928]	58,212
0	Ketohexokinase [Source:UniProtKB/Swiss-Prot;Acc:Q02974] [ENSRNOT00000043572]	58,094
C1qtnf6	Rattus norvegicus C1q and tumor necrosis factor related protein 6 (C1qtnf6), mRNA [NM_001034932]	58,087
RGD1562674	PREDICTED: Rattus norvegicus similar to kinase suppressor of ras 2 (RGD1562674), mRNA [XM_222212]	57,944
Stard6	Rattus norvegicus StAR-related lipid transfer (START) domain containing 6 (Stard6), mRNA [NM_001007627]	57,843
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z7Z0] [ENSRNOT00000033201]	57,839
0	Unknown	57,827
Cybrd1	Rattus norvegicus cytochrome b reductase 1 (Cybrd1), mRNA [NM_001011954]	57,750
Gdf6	Rattus norvegicus growth differentiation factor 6 (Gdf6), mRNA [NM_001013038]	57,715
Arl8a	Rattus norvegicus ADP-ribosylation factor-like 8A (Arl8a), mRNA [NM_001109071]	57,694
Elf3	Rattus norvegicus E74-like factor 3 (Elf3), mRNA [NM_001024768]	57,608
Nr1d1	Rattus norvegicus nuclear receptor subfamily 1, group D, member 1 (Nr1d1), transcript variant 2, mRNA [NM_145775]	57,508
Slc39a1	Rattus norvegicus solute carrier family 39 (zinc transporter), member 1 (Slc39a1), mRNA [NM_001134577]	57,485
0	Unknown	57,214
R3hdm2	Rattus norvegicus R3H domain containing 2 (R3hdm2), mRNA [NM_001130557]	57,198
Arhgef9	Rattus norvegicus Cdc42 guanine nucleotide exchange factor (GEF) 9 (Arhgef9), mRNA [NM_023957]	57,172
0	Unknown	57,146
Psmf1	Rattus norvegicus proteasome inhibitor subunit 1 (Psmf1), mRNA [NM_001101005]	57,133
Lpl	Rattus norvegicus lipoprotein lipase (Lpl), mRNA [NM_012598]	56,974

Prkca	Rattus norvegicus protein kinase C, alpha (Prkca), mRNA [NM_001105713]	56,964
Atn1	Rattus norvegicus atrophin 1 (Atn1), mRNA [NM_017228]	56,886
0	Unknown	56,886
Col1a1	Rattus norvegicus collagen, type I, alpha 1 (Col1a1), mRNA [NM_053304]	56,683
LOC682105	Rattus norvegicus similar to receptor expression enhancing protein 2 (LOC682105), mRNA [NM_001048047]	56,613
Gjd2	Rattus norvegicus gap junction protein, delta 2 (Gjd2), mRNA [NM_019281]	56,517
Cugbp2	Rattus norvegicus CUG triplet repeat, RNA binding protein 2 (Cugbp2), transcript variant 2, mRNA [NM_001083586]	56,515
Actn4	Rattus norvegicus actinin alpha 4 (Actn4), mRNA [NM_031675]	56,476
Slc22a23	Rattus norvegicus solute carrier family 22, member 23 (Slc22a23), mRNA [NM_022624]	56,337
Olfml3	Rattus norvegicus olfactomedin-like 3 (Olfml3), mRNA [NM_001107708]	56,309
0	Unknown	56,298
RGD1565591	PREDICTED: Rattus norvegicus similar to Ski protein (RGD1565591), partial mRNA [XM_001077382]	56,256
Tax1bp3	Rattus norvegicus Tax1 (human T-cell leukemia virus type I) binding protein 3 (Tax1bp3), mRNA [NM_001025419]	56,240
0	Rattus norvegicus similar to RIKEN cDNA 4930415K17 (LOC302803), mRNA [XM_217625]	56,211
0	C5AR_RABIT (Q9TUE1) C5a anaphylatoxin chemotactic receptor (C5a-R) (C5aR) (CD88 antigen) (Fragment), partial (7%) [TC623897]	56,191
Efnb1	Rattus norvegicus ephrin B1 (Efnb1), mRNA [NM_017089]	56,174
Gna14	Rattus norvegicus guanine nucleotide binding protein, alpha 14 (Gna14), mRNA [NM_001013151]	56,171
Syt5	Rattus norvegicus synaptotagmin V (Syt5), mRNA [NM_019350]	56,018
Plvap	Rattus norvegicus plasmalemma vesicle associated protein (Plvap), mRNA [NM_020086]	55,927
0	Unknown	55,907
Abhd2	Rattus norvegicus abhydrolase domain containing 2 (Abhd2), mRNA [NM_001106275]	55,881
Atg13	Putative uncharacterized protein RGD1310685_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA45] [ENSRNOT00000023237]	55,875
Nptxr	Rattus norvegicus neuronal pentraxin receptor (Nptxr), mRNA [NM_030841]	55,874
Lypd6b	Rattus norvegicus LY6/PLAUR domain containing 6B (Lypd6b), mRNA [NM_001134580]	55,824
Rab8a	Rattus norvegicus RAB8A, member RAS oncogene family (Rab8a), mRNA [NM_053998]	55,664
Dusp18	Rattus norvegicus dual specificity phosphatase 18 (Dusp18), mRNA [NM_001013128]	55,649
Mospd3	Rattus norvegicus motile sperm domain containing 3 (Mospd3), mRNA [NM_001025629]	55,606
Sv2a	Rattus norvegicus synaptic vesicle glycoprotein 2a (Sv2a), mRNA [NM_057210]	55,552
Sirt6	Rattus norvegicus sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae) (Sirt6), mRNA [NM_001031649]	55,530
0	Rattus norvegicus TL0ACA70YE02 mRNA sequence. [FQ224293]	55,499
LOC690120	PREDICTED: Rattus norvegicus hypothetical protein LOC690120 (LOC690120), miscRNA [XR_085881]	55,392
Kif1c	Rattus norvegicus kinesin family member 1C (Kif1c), mRNA [NM_145877]	55,381
Hdgf	Rattus norvegicus hepatoma-derived growth factor (Hdgf), mRNA [NM_053707]	55,368

Vwf	von Willebrand factor [Source:UniProtKB/Swiss-Prot;Acc:Q62935] [ENSRNOT00000026643]	55,281
Slc48a1	Rattus norvegicus solute carrier family 48 (heme transporter), member 1 (Slc48a1), mRNA [NM_001127456]	55,266
RGD1564387	PREDICTED: Rattus norvegicus similar to RIKEN cDNA C030014K22 gene (RGD1564387), mRNA [XM_002728030]	55,251
Lphn3	Rattus norvegicus latrophilin 3 (Lphn3), mRNA [NM_130822]	55,196
0	CITE4_MOUSE (Q9WUL8) Cbp/p300-interacting transactivator 4 (MSG1-related protein 2) (MRG-2), partial (8%) [TC620332]	55,114
Abpa	Rattus norvegicus androgen binding protein, alpha (Abpa), mRNA [NM_001100859]	55,004
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTW2] [ENSRNOT00000036540]	54,909
Dad1	Rattus norvegicus defender against cell death 1 (Dad1), mRNA [NM_138910]	54,892
Tbl1x	Rattus norvegicus transducin (beta)-like 1 X-linked (Tbl1x), mRNA [NM_001106964]	54,883
0	Unknown	54,878
Ntsr2	Rattus norvegicus neurotensin receptor 2 (Ntsr2), mRNA [NM_022695]	54,862
Papss2	Rattus norvegicus 3'-phosphoadenosine 5'-phosphosulfate synthase 2 (Papss2), mRNA [NM_001106375]	54,787
LOC686590	PREDICTED: Rattus norvegicus similar to IQ motif and Sec7 domain 1, transcript variant 2 (LOC686590), mRNA [XM_001073009]	54,783
LOC689226	Rattus norvegicus similar to ubiquitin-conjugating enzyme E2R 2 (LOC689226), mRNA [NM_001127573]	54,778
Epas1	Rattus norvegicus endothelial PAS domain protein 1 (Epas1), mRNA [NM_023090]	54,738
Olr200	Rattus norvegicus olfactory receptor 200 (Olr200), mRNA [NM_001000189]	54,732
Klhl7	Rattus norvegicus kelch-like 7 (Drosophila) (Klhl7), mRNA [NM_001012187]	54,631
LOC688966	Rattus norvegicus similar to K11B4.2 (LOC688966), mRNA [NM_001145726]	54,583
LOC498750	Rattus norvegicus similar to cDNA sequence BC005537 (LOC498750), mRNA [NM_001017510]	54,571
Hecw1	Rattus norvegicus HECT, C2 and WW domain containing E3 ubiquitin protein ligase 1 (Hecw1), mRNA [NM_001106117]	54,525
Slc6a1	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, GABA), member 1 (Slc6a1), mRNA [NM_024371]	54,467
0	Q8R3U9_MOUSE (Q8R3U9) Dlgap4 protein, partial (34%) [TC609401]	54,320
0	LOC100125365 protein [Source:UniProtKB/TrEMBL;Acc:Q5U2N5] [ENSRNOT00000051777]	54,291
0	Unknown	54,283
Tshz3	Rattus norvegicus teashirt zinc finger homeobox 3 (Tshz3), mRNA [NM_001107506]	54,258
Sorcs2	Rattus norvegicus sortilin-related VPS10 domain containing receptor 2 (Sorcs2), mRNA [NM_001107225]	54,178
Rab5b	Rattus norvegicus RAB5B, member RAS oncogene family (Rab5b), mRNA [NM_001079936]	54,176
Gltp	Rattus norvegicus glycolipid transfer protein (Gltp), mRNA [NM_001134413]	54,153
Crks	Rattus norvegicus Cdc2-related kinase, arginine/serine-rich (Crks), transcript variant 1, mRNA [NM_001033867]	54,040
Cdc14b	Rattus norvegicus CDC14 cell division cycle 14 homolog B (S. cerevisiae) (Cdc14b), mRNA [NM_001108404]	53,839
Sh2b2	Rattus norvegicus SH2B adaptor protein 2 (Sh2b2), mRNA [NM_053669]	53,829
0	Rattus norvegicus TL0ADA49YG04 mRNA sequence. [FQ229104]	53,811
Gatsl2	Rattus norvegicus GATS protein-like 2 (Gatsl2), mRNA [NM_001100561]	53,800
Vom1r28	Rattus norvegicus vomeronasal 1 receptor 28 (Vom1r28), mRNA [NM_001008966]	53,768

Cend1	Rattus norvegicus cell cycle exit and neuronal differentiation 1 (Cend1), mRNA [NM_001014163]	53,712
0	Ataxin 2 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2N8] [ENSRNOT00000001691]	53,703
Cplx1	Rattus norvegicus complexin 1 (Cplx1), mRNA [NM_022864]	53,654
0	Q4T0B3_TETNG (Q4T0B3) Chromosome undetermined SCAF11265, whole genome shotgun sequence. (Fragment), partial (15%) [TC606852]	53,440
0	Unknown	53,429
Eif2ak1	Rattus norvegicus eukaryotic translation initiation factor 2 alpha kinase 1 (Eif2ak1), mRNA [NM_013223]	53,428
RGD1564114	Rattus norvegicus similar to FLJ46082 protein (RGD1564114), mRNA [NM_001127563]	53,423
Sort1	Rattus norvegicus sortilin 1 (Sort1), mRNA [NM_031767]	53,412
Acpl2	Rattus norvegicus acid phosphatase-like 2 (Acpl2), mRNA [NM_001007710]	53,395
LOC684841	PREDICTED: Rattus norvegicus similar to CG31613-PA (LOC684841), mRNA [XM_001072155]	53,377
Map3k13	Rattus norvegicus similar to mitogen-activated protein kinase kinase kinase 13; leucine zipper-bearing kinase, mRNA (cDNA clone MGC:94134 IMAGE:7127060), complete cds. [BC081976]	53,342
Sh3kbp1	Rattus norvegicus SH3-domain kinase binding protein 1 (Sh3kbp1), mRNA [NM_053360]	53,292
Mylk	Rattus norvegicus myosin light chain kinase (Mylk), mRNA [NM_001105874]	53,243
0	Cobl-like 1 Gene [Source:MGI Symbol;Acc:MGI:2442894] [ENSRNOT00000001606]	53,096
0	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADX8] [ENSRNOT000000036194]	53,070
LOC690286	PREDICTED: Rattus norvegicus similar to hepatic leukemia factor (LOC690286), mRNA [XM_001073964]	53,046
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZK71] [ENSRNOT000000041732]	52,903
Nfix	Rattus norvegicus nuclear factor I/X (CCAAT-binding transcription factor) (Nfix), mRNA [NM_030866]	52,838
Vps37c	Rattus norvegicus vacuolar protein sorting 37 homolog C (S. cerevisiae) (Vps37c), mRNA [NM_001107463]	52,802
Apba2	Rattus norvegicus amyloid beta (A4) precursor protein-binding, family A, member 2 (Apba2), mRNA [NM_031780]	52,786
Lgals3bp	Rattus norvegicus lectin, galactoside-binding, soluble, 3 binding protein (Lgals3bp), mRNA [NM_139096]	52,643
Atg9a	Rattus norvegicus ATG9 autophagy related 9 homolog A (S. cerevisiae) (Atg9a), mRNA [NM_001014218]	52,632
LOC682920	PREDICTED: Rattus norvegicus similar to phosphatase and actin regulator 4 (LOC682920), mRNA [XM_001063709]	52,615
LOC686841	Rattus norvegicus similar to Protein EAN57 (LOC686841), mRNA [NM_001044289]	52,602
Zfp385b	Rattus norvegicus zinc finger protein 385B (Zfp385b), mRNA [NM_001107736]	52,577
0	Unknown	52,567
Prp211	Rat proline-rich protein (PRP-1) [Source:UniProtKB/TrEMBL;Acc:Q63455] [ENSRNOT00000004642]	52,563
Mect1	Rattus norvegicus mucoepidermoid carcinoma translocated 1 (Mect1), mRNA [NM_001047115]	52,529
Atn1	Rattus norvegicus atrophin 1 (Atn1), mRNA [NM_017228]	52,474
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABJ0] [ENSRNOT000000028944]	52,442
Gng3	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 3 (Gng3), mRNA [NM_053658]	52,405
Fxyd1	Rattus norvegicus FXYP domain-containing ion transport regulator 1 (Fxyd1), mRNA [NM_031648]	52,311

Jup	Rattus norvegicus junction plakoglobin (Jup), mRNA [NM_031047]	52,283
Rab1b	Rattus norvegicus RAB1B, member RAS oncogene family (Rab1b), mRNA [NM_001109979]	52,279
LOC691918	PREDICTED: Rattus norvegicus similar to Centrosomal protein of 27 kDa (Cep27 protein), transcript variant 2 (LOC691918), mRNA [XM_002726165]	52,258
RGD1564677	PREDICTED: Rattus norvegicus similar to transcription factor ONECUT2 (RGD1564677), partial mRNA [XM_002725360]	52,255
Muc1	Rattus norvegicus mucin 1, cell surface associated (Muc1), mRNA [NM_012602]	52,243
0	Unknown	52,234
Brd4	Rattus norvegicus bromodomain containing 4 (Brd4), mRNA [NM_001100903]	52,229
Repin1	Rattus norvegicus replication initiator 1 (Repin1), mRNA [NM_001005893]	52,180
0	Unknown	52,164
RGD1564969	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1564969), mRNA [XM_002726901]	52,157
0	Neurexin-3-alpha [Source:UniProtKB/Swiss-Prot;Acc:Q07310] [ENSRNOT00000032331]	52,148
0	host cell factor C1 regulator 1 [Source:RefSeq peptide;Acc:NP_001093962] [ENSRNOT00000004702]	52,032
Atpbd4	Rattus norvegicus ATP binding domain 4 (Atpbd4), mRNA [NM_001014181]	51,925
Crebbp	Rattus norvegicus CREB binding protein (Crebbp), mRNA [NM_133381]	51,915
0	Unknown	51,861
ldh3a	Rattus norvegicus isocitrate dehydrogenase 3 (NAD+) alpha (ldh3a), nuclear gene encoding mitochondrial protein, mRNA [NM_053638]	51,857
Arid1a	Rattus norvegicus AT rich interactive domain 1A (SWI-like) (Arid1a), mRNA [NM_001106635]	51,837
Zfp385a	Rattus norvegicus zinc finger protein 385A (Zfp385a), transcript variant 1, mRNA [NM_001135088]	51,781
Wnk1	Rattus norvegicus WNK lysine deficient protein kinase 1 (Wnk1), transcript variant 3, mRNA [NM_053794]	51,697
Nol4	Rattus norvegicus nucleolar protein 4 (Nol4), mRNA [NM_001107401]	51,670
Manbal	Rattus norvegicus mannosidase, beta A, lysosomal-like (Manbal), mRNA [NM_001173380]	51,663
Olig1	Rattus norvegicus oligodendrocyte transcription factor 1 (Olig1), mRNA [NM_021770]	51,620
Hs1bp3	PREDICTED: Rattus norvegicus HCLS1 binding protein 3, transcript variant 2 (Hs1bp3), mRNA [XM_233975]	51,580
RGD1559896	Rattus norvegicus similar to RIKEN cDNA 2310022B05 (RGD1559896), mRNA [NM_001109134]	51,545
Rhob	Rattus norvegicus ras homolog gene family, member B (Rhob), mRNA [NM_022542]	51,542
Crtap	cartilage-associated protein [Source:RefSeq peptide;Acc:NP_001102255] [ENSRNOT00000013519]	51,538
0	Rattus norvegicus similar to ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13); bendless protein (LOC301282), mRNA [XM_236973]	51,513
Gnat1	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha transducing 1 (Gnat1), mRNA [NM_001108780]	51,511
Tnks1bp1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF26] [ENSRNOT00000012209]	51,500
Ei24	Rattus norvegicus etoposide induced 2.4 mRNA (Ei24), mRNA [NM_001025660]	51,460
Mgat5b	Rattus norvegicus mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, isozyme B (Mgat5b), mRNA [NM_001107068]	51,348
Tln1	Rattus norvegicus talin 1 (Tln1), mRNA [NM_001039025]	51,310

Mlf2	Rattus norvegicus myeloid leukemia factor 2 (Mlf2), mRNA [NM_001107889]	51,263
Gchfr	Rattus norvegicus GTP cyclohydrolase I feedback regulator (Gchfr), mRNA [NM_133595]	51,222
Tacr3	Rattus norvegicus tachykinin receptor 3 (Tacr3), mRNA [NM_017053]	51,151
Olr922	Rattus norvegicus olfactory receptor 922 (Olr922), mRNA [NM_001000705]	51,126
0	Unknown	51,123
RGD1565591	PREDICTED: Rattus norvegicus similar to Ski protein (RGD1565591), partial mRNA [XM_001077382]	51,081
Ak3l1	Rattus norvegicus adenylate kinase 3-like 1 (Ak3l1), nuclear gene encoding mitochondrial protein, mRNA [NM_017135]	51,014
Nkain1	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 2610200G18 (RGD1561205), mRNA [XM_575920]	50,983
Mark2	Rattus norvegicus MAP/microtubule affinity-regulating kinase 2 (Mark2), mRNA [NM_021699]	50,859
Mpped1	Rattus norvegicus metallophosphoesterase domain containing 1 (Mpped1), mRNA [NM_001130569]	50,852
Rarg	Rattus norvegicus retinoic acid receptor, gamma (Rarg), transcript variant 1, mRNA [NM_001135249]	50,841
LOC685244	PREDICTED: Rattus norvegicus similar to IQ motif and Sec7 domain 2, transcript variant 2 (LOC685244), mRNA [XM_002727538]	50,812
Ccdc40	Rattus norvegicus coiled-coil domain containing 40 (Ccdc40), mRNA [NM_001134688]	50,803
Mrpl40	Rattus norvegicus mitochondrial ribosomal protein L40 (Mrpl40), nuclear gene encoding mitochondrial protein, mRNA [NM_001024865]	50,791
Tnr	Rattus norvegicus tenascin R (Tnr), mRNA [NM_013045]	50,768
0	Unknown	50,746
Reep3	Rattus norvegicus receptor accessory protein 3 (Reep3), mRNA [NM_001106386]	50,706
Slc9a3r2	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 2 (Slc9a3r2), mRNA [NM_053811]	50,688
Kcnp2	Rattus norvegicus Kv channel-interacting protein 2 (Kcnp2), transcript variant a, mRNA [NM_020094]	50,673
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC294697), mRNA [XM_226719]	50,670
Rnasek	Rattus norvegicus ribonuclease, RNase K (Rnasek), mRNA [NM_001137561]	50,631
Sike	Rattus norvegicus suppressor of IKK epsilon (Sike), mRNA [NM_001012182]	50,622
Dnali1	Rattus norvegicus dynein, axonemal, light intermediate chain 1 (Dnali1), mRNA [NM_001031647]	50,617
Disp2	Rattus norvegicus dispatched homolog 2 (Drosophila) (Disp2), mRNA [NM_001107759]	50,607
Sharpin	Rattus norvegicus SHANK-associated RH domain interactor (Sharpin), mRNA [NM_031153]	50,603
0	Unknown	50,597
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3C4] [ENSRNOT00000067627]	50,595
LOC100359980	PREDICTED: Rattus norvegicus smooth muscle and non-muscle myosin alkali light chain 6B-like (LOC100359980), mRNA [XM_002726853]	50,554
Oasl2	Rattus norvegicus 2'-5' oligoadenylate synthetase-like 2 (Oasl2), mRNA [NM_001009682]	50,550
Kcnj6	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 6 (Kcnj6), mRNA [NM_013192]	50,547
Cnnm1	Rattus norvegicus cyclin M1 (Cnnm1), mRNA [NM_001107593]	50,545
RGD1305938	Rattus norvegicus similar to expressed sequence AW549877 (RGD1305938), mRNA [NM_001134548]	50,525
Apob48r	Rattus norvegicus apolipoprotein B48 receptor (Apob48r), mRNA [NM_001109154]	50,515
Pcdh1	PREDICTED: Rattus norvegicus protocadherin 1 (Pcdh1), partial mRNA [XM_225997]	50,515

Epb49	Rattus norvegicus erythrocyte membrane protein band 4.9 (dematin) (Epb49), mRNA [NM_001108385]	50,459
Guca2b	Rattus norvegicus guanylate cyclase activator 2B (Guca2b), mRNA [NM_022284]	50,418
Nrep	Rattus norvegicus neuronal regeneration related protein (Nrep), mRNA [NM_178096]	50,413
Zdhhc9	Rattus norvegicus zinc finger, DHHC-type containing 9 (Zdhhc9), mRNA [NM_001039016]	50,374
RGD1310571	Rattus norvegicus similar to hypothetical protein (RGD1310571), mRNA [NM_001014147]	50,363
Cdkn1a	Rattus norvegicus cyclin-dependent kinase inhibitor 1A (Cdkn1a), mRNA [NM_080782]	50,323
Gpr137	Rattus norvegicus G protein-coupled receptor 137 (Gpr137), mRNA [NM_001109562]	50,289
0	Unknown	50,276
Pea15a	Rattus norvegicus phosphoprotein enriched in astrocytes 15A (Pea15a), mRNA [NM_001013231]	50,218
LOC100125364	Rattus norvegicus hypothetical protein LOC100125364 (LOC100125364), mRNA [NM_001103356]	50,190
RGD1311564	Rattus norvegicus LOC360590 (RGD1311564), mRNA [NM_001108286]	50,184
Tspan18	Rattus norvegicus tetraspanin 18 (Tspan18), mRNA [NM_001107750]	50,180
Arf4	Rattus norvegicus ADP-ribosylation factor 4 (Arf4), mRNA [NM_024151]	50,177
Cited2	Rattus norvegicus Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 (Cited2), mRNA [NM_053698]	50,152
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC15] [ENSRNOT00000041970]	50,139
Ptprt	Rattus norvegicus protein tyrosine phosphatase, receptor type, T (Ptprt), mRNA [NM_001108603]	50,126
Sbk1	Rattus norvegicus SH3-binding domain kinase 1 (Sbk1), mRNA [NM_147135]	50,116
0	Unknown	50,106
Mink1	PREDICTED: Rattus norvegicus similar to Map4k6-pending protein (LOC303259), mRNA [XM_001079459]	50,080
Papola	Rattus norvegicus poly (A) polymerase alpha (Papola), mRNA [NM_001108056]	50,041
0	Unknown	50,036
RGD1565685	Rattus norvegicus similar to RIKEN cDNA 1810030O07 (RGD1565685), mRNA [NM_001126286]	50,030
Cckbr	Rattus norvegicus cholecystokinin B receptor (Cckbr), mRNA [NM_013165]	49,906
Kctd13	Rattus norvegicus potassium channel tetramerisation domain containing 13 (Kctd13), mRNA [NM_198736]	49,849
Phf21b	Rattus norvegicus PHD finger protein 21B (Phf21b), mRNA [NM_001130680]	49,837
0	Unknown	49,795
Trak1	Rattus norvegicus trafficking protein, kinesin binding 1 (Trak1), mRNA [NM_001134565]	49,745
Lsm12	Rattus norvegicus LSM12 homolog (S. cerevisiae) (Lsm12), mRNA [NM_001105843]	49,744
Igf2bp2	PREDICTED: Rattus norvegicus insulin-like growth factor 2 mRNA binding protein 2, transcript variant 2 (Igf2bp2), mRNA [XM_221343]	49,731
Atxn2l	Rattus norvegicus ataxin 2-like (Atxn2l), mRNA [NM_001130097]	49,689
Tpd52	Rattus norvegicus tumor protein D52 (Tpd52), mRNA [NM_001106421]	49,665
Astn1	Rattus norvegicus astrotactin 1 (Astn1), mRNA [NM_001170603]	49,598
Sema4g	Rattus norvegicus sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G (Sema4g), mRNA [NM_001108526]	49,583

0	Unknown	49,569
LOC683788	Rattus norvegicus similar to Fascin (Singed-like protein) (LOC683788), mRNA [NM_001100806]	49,516
Bgn	Rattus norvegicus biglycan (Bgn), mRNA [NM_017087]	49,493
Slc39a1	Rattus norvegicus solute carrier family 39 (zinc transporter), member 1 (Slc39a1), mRNA [NM_001134577]	49,447
Alg3	Rattus norvegicus asparagine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisiae) (Alg3), transcript variant 1, mRNA [NM_001142363]	49,442
Tessp1	Rattus norvegicus testis serine protease 1 (Tessp1), mRNA [NM_001135087]	49,421
Bmpr1a	Rattus norvegicus bone morphogenetic protein receptor, type IA (Bmpr1a), mRNA [NM_030849]	49,419
Cntn3	Rattus norvegicus contactin 3 (plasmacytoma associated) (Cntn3), mRNA [NM_019329]	49,358
Sirpa	Rattus norvegicus signal-regulatory protein alpha (Sirpa), mRNA [NM_013016]	49,348
0	Unknown	49,323
RGD1310656	RCG21340Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZL52] [ENSRNOT00000030600]	49,321
0	Unknown	49,318
Ttyh3	Rattus norvegicus tweety homolog 3 (Drosophila) (Ttyh3), mRNA [NM_001107124]	49,306
Fam134a	PREDICTED: Rattus norvegicus family with sequence similarity 134, member A (Fam134a), mRNA [XM_001057799]	49,293
LOC298018	AGENCOURT_113679838 NIH_MGC_431 Rattus norvegicus cDNA clone IMAGE:9092772 5', mRNA sequence [EV770462]	49,232
Arid3a	Rattus norvegicus AT rich interactive domain 3A (Bright like) (Arid3a), mRNA [NM_001108066]	49,173
0	Potassium voltage-gated channel subfamily D member 3 [Source:UniProtKB/Swiss-Prot;Acc:Q62897] [ENSRNOT00000051835]	49,158
Olfm1	Rattus norvegicus olfactomedin 1 (Olfm1), mRNA [NM_053573]	49,056
Dnajb5	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 5 (Dnajb5), mRNA [NM_001108004]	49,051
Cpeb4	Rattus norvegicus cytoplasmic polyadenylation element binding protein 4 (Cpeb4), mRNA [NM_001106992]	49,011
0	Q6NUI3_HUMAN (Q6NUI3) Beta 3-glycosyltransferase-like, partial (23%) [TC629324]	48,971
Srd5a3	Rattus norvegicus steroid 5 alpha-reductase 3 (Srd5a3), mRNA [NM_001013990]	48,962
Notch1	Rattus norvegicus Notch homolog 1, translocation-associated (Drosophila) (Notch1), mRNA [NM_001105721]	48,932
Slc35d1	Rattus norvegicus solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1 (Slc35d1), mRNA [NM_001106668]	48,930
0	Unknown	48,897
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1N7] [ENSRNOT00000056097]	48,808
0	Unknown	48,782
Cald1	Rattus norvegicus caldesmon 1 (Cald1), mRNA [NM_013146]	48,721
Pde4a	Rattus norvegicus phosphodiesterase 4A, cAMP-specific (phosphodiesterase E2 dunce homolog, Drosophila) (Pde4a), mRNA [NM_013101]	48,704
0	Unknown	48,700
Bruno15	Rattus norvegicus bruno-like 5, RNA binding protein (Drosophila) (Bruno15), mRNA [NM_001135603]	48,696
Fam64a	Rattus norvegicus family with sequence similarity 64, member A (Fam64a), mRNA [NM_001113781]	48,694

Lig3	Rattus norvegicus ligase III, DNA, ATP-dependent (Lig3), nuclear gene encoding mitochondrial protein, mRNA [NM_001012011]	48,692
Fam57b	Rattus norvegicus family with sequence similarity 57, member B (Fam57b), mRNA [NM_001106296]	48,679
LOC680802	Rattus norvegicus TL0AAA71YE16 mRNA sequence. [FQ212058]	48,656
Susd3	Rattus norvegicus sushi domain containing 3 (Susd3), mRNA [NM_001107341]	48,654
RGD1309403	Rattus norvegicus similar to hypothetical protein FLJ12661 (RGD1309403), mRNA [NM_001107676]	48,541
Wasf1	Rattus norvegicus WAS protein family, member 1 (Wasf1), mRNA [NM_001025114]	48,529
B4galnt1	Rattus norvegicus beta-1,4-N-acetyl-galactosaminyl transferase 1 (B4galnt1), mRNA [NM_022860]	48,526
LOC292722	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9I0] [ENSRNOT00000027783]	48,477
Golph3l	Rattus norvegicus golgi phosphoprotein 3-like (Golph3l), mRNA [NM_001007698]	48,455
Shank1	Rattus norvegicus SH3 and multiple ankyrin repeat domains 1 (Shank1), mRNA [NM_031751]	48,294
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1562489), mRNA [XM_001071419]	48,199
Lynx1	Rattus norvegicus Ly6/neurotoxin 1 (Lynx1), mRNA [NM_001130546]	48,060
Fbxo46	Rattus norvegicus F-box protein 46 (Fbxo46), mRNA [NM_001025642]	48,005
Cd24	Rattus norvegicus CD24 molecule (Cd24), mRNA [NM_012752]	47,963
Dennd1a	Rattus norvegicus DENN/MADD domain containing 1A (Dennd1a), mRNA [NM_001191747]	47,962
Olr371	Rattus norvegicus olfactory receptor 371 (Olr371), mRNA [NM_001000258]	47,950
Xpr1	Rattus norvegicus xenotropic and polytropic retrovirus receptor 1 (Xpr1), mRNA [NM_001105992]	47,950
Hcfc1	Rattus norvegicus host cell factor C1 (Hcfc1), mRNA [NM_001139507]	47,941
Cotl1	Rattus norvegicus coactosin-like 1 (Dictyostelium) (Cotl1), mRNA [NM_001108452]	47,917
Tmem71	PREDICTED: Rattus norvegicus transmembrane protein 71 (Tmem71), mRNA [XM_001075116]	47,902
Coro1c	Rattus norvegicus coronin, actin binding protein 1C (Coro1c), mRNA [NM_001109327]	47,900
Wipf3	Rattus norvegicus WAS/WASL interacting protein family, member 3 (Wipf3), mRNA [NM_147211]	47,900
Col5a2	Rattus norvegicus collagen, type V, alpha 2 (Col5a2), mRNA [NM_053488]	47,883
RGD1562582	Rattus norvegicus similar to KIAA0406-like protein (RGD1562582), mRNA [NM_001134619]	47,879
RGD1562865	Rattus norvegicus similar to BTB and CNC homology 1, basic leucine zipper transcription factor 2 (RGD1562865), mRNA [NM_001135754]	47,862
Wdr41	Rattus norvegicus WD repeat domain 41 (Wdr41), mRNA [NM_001108541]	47,810
RGD1359158	Rattus norvegicus similar to RIKEN cDNA 1110059E24 (RGD1359158), mRNA [NM_001007737]	47,801
0	Unknown	47,780
Pbx1	Rattus norvegicus pre-B-cell leukemia homeobox 1 (Pbx1), transcript variant 2, mRNA [NM_001100681]	47,778
Sirt2	Rattus norvegicus sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae) (Sirt2), mRNA [NM_001008368]	47,765
Vamp2	Rattus norvegicus vesicle-associated membrane protein 2 (Vamp2), mRNA [NM_012663]	47,748
0	Unknown	47,726
Aplp2	PREDICTED: Rattus norvegicus amyloid beta (A4) precursor-like protein 2 (Aplp2), mRNA [XM_343513]	47,721
Rilp	Rattus norvegicus Rab interacting lysosomal protein (Rilp), mRNA [NM_001105811]	47,668

Neurod2	Rattus norvegicus neurogenic differentiation 2 (Neurod2), mRNA [NM_019326]	47,649
Csgalnact1	Rattus norvegicus chondroitin sulfate N-acetylgalactosaminyltransferase 1 (Csgalnact1), mRNA [NM_001107309]	47,646
Mras	Rattus norvegicus muscle RAS oncogene homolog (Mras), mRNA [NM_012981]	47,636
0	Sema domain, transmembrane domain (TM), and cytoplasmic domain, (Semaphorin) 6A (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAG0] [ENSRNOT00000005476]	47,590
Tox	Rattus norvegicus thymocyte selection-associated high mobility group box (Tox), mRNA [NM_001108654]	47,589
Ssh2	Rattus norvegicus slingshot homolog 2 (Drosophila) (Ssh2), mRNA [NM_001107024]	47,509
Tmem131	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2I0] [ENSRNOT00000006288]	47,503
Tbc1d9	Rattus norvegicus TBC1 domain family, member 9 (Tbc1d9), mRNA [NM_001134539]	47,496
Cmb1	Rattus norvegicus carboxymethylenebutenolidase homolog (Pseudomonas) (Cmb1), mRNA [NM_001008770]	47,480
Zbtb7a	Rattus norvegicus zinc finger and BTB domain containing 7a (Zbtb7a), mRNA [NM_054002]	47,474
Ccdc92	Rattus norvegicus coiled-coil domain containing 92 (Ccdc92), mRNA [NM_001083898]	47,461
Dnajb12	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 12 (Dnajb12), mRNA [NM_001013907]	47,453
Reep5	Rattus norvegicus receptor accessory protein 5 (Reep5), mRNA [NM_001108888]	47,428
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXW1] [ENSRNOT000000030613]	47,406
Icam1	Rattus norvegicus intercellular adhesion molecule 1 (Icam1), mRNA [NM_012967]	47,395
0	Q8VDS2_MOUSE (Q8VDS2) Tll3 protein, partial (38%) [TC587171]	47,348
Fhl1	Rattus norvegicus four and a half LIM domains 1 (Fhl1), transcript variant 1, mRNA [NM_001033926]	47,336
0	Unknown	47,291
Sorbs3	Rattus norvegicus sorbin and SH3 domain containing 3 (Sorbs3), mRNA [NM_001005762]	47,276
0	Unknown	47,252
Pole3	Rattus norvegicus polymerase (DNA directed), epsilon 3 (p17 subunit) (Pole3), mRNA [NM_001007652]	47,245
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJX9] [ENSRNOT000000057090]	47,236
Shank3	Rattus norvegicus SH3 and multiple ankyrin repeat domains 3 (Shank3), mRNA [NM_021676]	47,225
Pmepa1	prostate transmembrane protein, androgen induced 1 [Source:RefSeq peptide;Acc:NP_001101277] [ENSRNOT00000008261]	47,216
Ipo9	Rattus norvegicus importin 9 (Ipo9), mRNA [NM_001107180]	47,204
Kcnh4	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 4 (Kcnh4), mRNA [NM_053630]	47,185
RGD1564943	Rattus norvegicus similar to 4930429A08Rik protein (RGD1564943), mRNA [NM_001134628]	47,183
Mobk11a	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 1A (yeast) (Mobk11a), mRNA [NM_001108357]	47,166
RGD1305899	PREDICTED: Rattus norvegicus similar to Protein C20orf158 (RGD1305899), mRNA [XM_001058977]	47,164
Fam168a	Rattus norvegicus family with sequence similarity 168, member A (Fam168a), mRNA [NM_001108494]	47,144
Slc7a8	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 8 (Slc7a8), mRNA [NM_053442]	47,115
Atp6v0e2	Rattus norvegicus ATPase, H+ transporting V0 subunit e2 (Atp6v0e2), mRNA [NM_001002253]	47,067
0	Q14610_HUMAN (Q14610) Interferon-gamma variant, partial (12%) [TC620342]	47,051

Gosr1	Rattus norvegicus golgi SNAP receptor complex member 1 (Gosr1), mRNA [NM_053584]	47,048
0	Q3QX63_9RHOB (Q3QX63) Phage baseplate assembly protein V, partial (10%) [TC626448]	47,040
0	Centrosomal protein 1 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRZ3] [ENSRNOT00000007906]	47,021
Gjb2	Rattus norvegicus gap junction protein, beta 2 (Gjb2), mRNA [NM_001004099]	46,975
Dolpp1	Rattus norvegicus dolichyl pyrophosphate phosphatase 1 (Dolpp1), mRNA [NM_001106567]	46,908
0	Unknown	46,904
Rab33b	Rattus norvegicus RAB33B, member of RAS oncogene family (Rab33b), mRNA [NM_001108944]	46,867
Crip2	Rattus norvegicus cysteine-rich protein 2 (Crip2), mRNA [NM_022501]	46,837
Brsk2	PREDICTED: Rattus norvegicus brain serine/threonine kinase 2 (Brsk2), mRNA [XM_219498]	46,830
Tmem151a	Rattus norvegicus transmembrane protein 151A (Tmem151a), mRNA [NM_001107570]	46,808
Olig2	Rattus norvegicus oligodendrocyte lineage transcription factor 2 (Olig2), mRNA [NM_001100557]	46,780
0	DNA-directed RNA polymerase [Source:UniProtKB/TrEMBL;Acc:D3ZGF8] [ENSRNOT00000046484]	46,749
RGD1561113	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBT2] [ENSRNOT00000034930]	46,736
Arf2	Rattus norvegicus ADP-ribosylation factor 2 (Arf2), mRNA [NM_024150]	46,727
Stx1b	Syntaxin-1B [Source:UniProtKB/Swiss-Prot;Acc:P61265] [ENSRNOT00000026063]	46,671
Efnb3	Rattus norvegicus ephrin B3 (Efnb3), mRNA [NM_001100980]	46,627
Pou2f1	Rattus norvegicus POU class 2 homeobox 1 (Pou2f1), mRNA [NM_001100639]	46,592
0	Nope protein [Source:UniProtKB/TrEMBL;Acc:B5DFA9] [ENSRNOT00000040854]	46,583
Srgap2	Rattus norvegicus TL0AAA55YK04 mRNA sequence. [FQ212420]	46,569
Ino80d	Rattus norvegicus INO80 complex subunit D (Ino80d), mRNA [NM_001191809]	46,569
Fam117a	Rattus norvegicus family with sequence similarity 117, member A (Fam117a), mRNA [NM_001109039]	46,542
LOC679462	Rattus norvegicus similar to Tetraspanin-15 (Tspan-15) (Transmembrane 4 superfamily member 15) (Tetraspan NET-7) (LOC679462), mRNA [NM_001115032]	46,346
Ino80c	Rattus norvegicus INO80 complex subunit C (Ino80c), mRNA [NM_001017446]	46,221
Map1b	Rattus norvegicus microtubule-associated protein 1B (Map1b), mRNA [NM_019217]	46,200
RGD1310127	Rattus norvegicus similar to cDNA sequence BC017158 (RGD1310127), mRNA [NM_001035517]	46,155
0	Unknown	46,126
0	Unknown	46,114
Olr569	Rattus norvegicus olfactory receptor 569 (Olr569), mRNA [NM_001000664]	46,079
Cxxc5	Rattus norvegicus CXXC finger 5 (Cxxc5), mRNA [NM_001007628]	46,040
Arhgdia	Rattus norvegicus Rho GDP dissociation inhibitor (GDI) alpha (Arhgdia), mRNA [NM_001007005]	46,023
Tmem9	Rattus norvegicus transmembrane protein 9 (Tmem9), mRNA [NM_001105953]	46,023
Ubl7	Rattus norvegicus ubiquitin-like 7 (bone marrow stromal cell-derived) (Ubl7), mRNA [NM_001004247]	45,997
Scly	Rattus norvegicus selenocysteine lyase (Scly), mRNA [NM_001007755]	45,994

0	Unknown	45,992
Efhd1	Rattus norvegicus EF-hand domain family, member D1 (Efhd1), mRNA [NM_001109310]	45,978
Atf6	Rattus norvegicus activating transcription factor 6 (Atf6), mRNA [NM_001107196]	45,898
0	NADH-ubiquinone oxidoreductase chain 4L [Source:UniProtKB/Swiss-Prot;Acc:P05507] [ENSRNOT00000044582]	45,881
Ypel4	Rattus norvegicus yippee-like 4 (Drosophila) (Ypel4), mRNA [NM_001024369]	45,868
Slc38a3	Rattus norvegicus solute carrier family 38, member 3 (Slc38a3), mRNA [NM_145776]	45,807
Rnf208	Rattus norvegicus ring finger protein 208 (Rnf208), mRNA [NM_001109195]	45,725
RGD1564836	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAX1] [ENSRNOT00000038940]	45,716
Pip4k2a	Rattus norvegicus phosphatidylinositol-5-phosphate 4-kinase, type II, alpha (Pip4k2a), mRNA [NM_053926]	45,686
Ly6g6c	Rattus norvegicus lymphocyte antigen 6 complex, locus G6C (Ly6g6c), mRNA [NM_001001969]	45,679
Ube2v1	Rattus norvegicus ubiquitin-conjugating enzyme E2 variant 1 (Ube2v1), mRNA [NM_001110345]	45,673
Nfasc	Rattus norvegicus neurofascin (Nfasc), transcript variant 1, mRNA [NM_001160314]	45,668
Tom1	Rattus norvegicus target of myb1 homolog (chicken) (Tom1), mRNA [NM_001008365]	45,652
Klf3	Rattus norvegicus Kruppel-like factor 3 (basic) (Klf3), mRNA [NM_001105742]	45,637
Hnrnpul1	Rattus norvegicus heterogeneous nuclear ribonucleoprotein U-like 1 (Hnrnpul1), mRNA [NM_001108477]	45,637
Shroom2	Rattus norvegicus shroom family member 2 (Shroom2), mRNA [NM_001047893]	45,634
LOC100366259	PREDICTED: Rattus norvegicus rCG52099-like (LOC100366259), mRNA [XM_002725118]	45,630
0	Rattus norvegicus polycystic kidney disease 1 homolog (Pkd1), mRNA [XM_340765]	45,619
0	Unknown	45,594
Prps2	Rattus norvegicus phosphoribosyl pyrophosphate synthetase 2 (Prps2), mRNA [NM_012634]	45,576
Ugt1a6	Rattus norvegicus UDP glucuronosyltransferase 1 family, polypeptide A6 (Ugt1a6), transcript variant 1, mRNA [NM_001039691]	45,573
Ino80e	Rattus norvegicus INO80 complex subunit E (Ino80e), mRNA [NM_001013900]	45,501
Praf2	Rattus norvegicus PRA1 domain family, member 2 (Praf2), mRNA [NM_001109013]	45,491
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC292938), mRNA [XM_218668]	45,449
Slc13a2	Rattus norvegicus solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2 (Slc13a2), mRNA [NM_031746]	45,444
Ddah1	Rattus norvegicus dimethylarginine dimethylaminohydrolase 1 (Ddah1), mRNA [NM_022297]	45,433
Fam100b	PREDICTED: Rattus norvegicus family with sequence similarity 100, member B (Fam100b), mRNA [XM_213532]	45,418
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRD4] [ENSRNOT00000054998]	45,414
Zfp36l1	Rattus norvegicus zinc finger protein 36, C3H type-like 1 (Zfp36l1), mRNA [NM_017172]	45,361
Reep6	Rattus norvegicus receptor accessory protein 6 (Reep6), mRNA [NM_001013218]	45,355
Optn	Rattus norvegicus optineurin (Optn), mRNA [NM_145081]	45,248
Ubqln2	Rattus norvegicus ubiquilin 2 (Ubqln2), mRNA [NM_001108251]	45,246
0	Unknown	45,242
Tob2	Rattus norvegicus transducer of ERBB2, 2 (Tob2), mRNA [NM_001007146]	45,236

Zfp385a	Rattus norvegicus zinc finger protein 385A (Zfp385a), transcript variant 1, mRNA [NM_001135088]	45,176
Kctd4	Rattus norvegicus potassium channel tetramerisation domain containing 4 (Kctd4), mRNA [NM_001109650]	45,171
Npepps	Rattus norvegicus aminopeptidase puromycin sensitive (Npepps), mRNA [NM_080395]	45,152
Rnf165	Rattus norvegicus ring finger protein 165 (Rnf165), mRNA [NM_001164505]	45,150
Ap3m1	Rattus norvegicus adaptor-related protein complex 3, mu 1 subunit (Ap3m1), mRNA [NM_133593]	45,133
Ncstn	Rattus norvegicus nicastrin (Ncstn), mRNA [NM_174864]	45,101
Scn3b	Rattus norvegicus sodium channel, voltage-gated, type III, beta (Scn3b), mRNA [NM_139097]	45,060
Fam128b	Rattus norvegicus family with sequence similarity 128, member B (Fam128b), mRNA [NM_001105860]	45,046
Mknk1	Rattus norvegicus MAP kinase-interacting serine/threonine kinase 1 (Mknk1), mRNA [NM_001044267]	45,040
0	Q2I375_HUMAN (Q2I375) QKI, partial (64%) [TC627221]	45,027
Kcng1	Rattus norvegicus potassium voltage-gated channel, subfamily G, member 1 (Kcng1), mRNA [NM_001106545]	44,999
Spata2L	Rattus norvegicus spermatogenesis associated 2-like (Spata2L), mRNA [NM_001109133]	44,991
Mrpl10	Rattus norvegicus mitochondrial ribosomal protein L10 (Mrpl10), nuclear gene encoding mitochondrial protein, mRNA [NM_001109620]	44,976
0	Unknown	44,969
LOC304558	PREDICTED: Rattus norvegicus similar to TPR repeat-containing protein KIAA1043 (LOC304558), mRNA [XM_222260]	44,909
Sepw1	Rattus norvegicus selenoprotein W, 1 (Sepw1), mRNA [NM_013027]	44,901
Cbara1	Rattus norvegicus calcium binding atopy-related autoantigen 1 (Cbara1), nuclear gene encoding mitochondrial protein, mRNA [NM_199412]	44,859
Ube2g1	Rattus norvegicus ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast) (Ube2g1), mRNA [NM_022690]	44,847
Gsk3a	Rattus norvegicus glycogen synthase kinase 3 alpha (Gsk3a), mRNA [NM_017344]	44,819
Vcl	Rattus norvegicus vinculin (Vcl), mRNA [NM_001107248]	44,811
Pa2g4	Rattus norvegicus proliferation-associated 2G4 (Pa2g4), mRNA [NM_001004206]	44,808
RGD621098	Rattus norvegicus similar to RIKEN cDNA D230025D16Rik (RGD621098), mRNA [NM_139040]	44,775
Lnx2	Rattus norvegicus ligand of numb-protein X 2 (Lnx2), mRNA [NM_001108329]	44,726
Rnf166	Rattus norvegicus ring finger protein 166 (Rnf166), mRNA [NM_001002279]	44,718
Tp53inp2	PREDICTED: Rattus norvegicus tumor protein p53 inducible nuclear protein 2 (Trp53inp2), mRNA [XM_001074013]	44,681
RGD1560471	Rattus norvegicus similar to hypothetical protein 4933429F08 (RGD1560471), mRNA [NM_001100974]	44,665
Gatad2a	Rattus norvegicus GATA zinc finger domain containing 2A (Gatad2a), mRNA [NM_001013881]	44,650
Zfp358	Rattus norvegicus zinc finger protein 358 (Zfp358), mRNA [NM_001108328]	44,643
Spred2	Rattus norvegicus sprouty-related, EVH1 domain containing 2 (Spred2), mRNA [NM_001047094]	44,629
Lppr5	Rattus norvegicus lipid phosphate phosphatase-related protein type 5 (Lppr5), mRNA [NM_001107720]	44,558
0	Rattus norvegicus cDNA clone IMAGE:7367251. [BC167759]	44,536
Atp6v0a1	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V0 subunit A1 (Atp6v0a1), mRNA [NM_031604]	44,482
Zyx	Rattus norvegicus zyxin (Zyx), mRNA [NM_053761]	44,468
Cacng3	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 3 (Cacng3), mRNA [NM_080691]	44,415

Lppr4	Rattus norvegicus lipid phosphate phosphatase-related protein type 4 (Lppr4), mRNA [NM_001001508]	44,406
Arf3	Rattus norvegicus ADP-ribosylation factor 3 (Arf3), mRNA [NM_080904]	44,403
Nbl1	Rattus norvegicus neuroblastoma, suppression of tumorigenicity 1 (Nbl1), mRNA [NM_031609]	44,396
Phlda1	Rattus norvegicus pleckstrin homology-like domain, family A, member 1 (Phlda1), mRNA [NM_017180]	44,365
Megf9	Rattus norvegicus multiple EGF-like-domains 9 (Megf9), mRNA [NM_001107940]	44,360
0	Unknown	44,336
0	Unknown	44,312
Neo1	PREDICTED: Rattus norvegicus neogenin homolog 1 (chicken) (Neo1), mRNA [XM_001074913]	44,279
Rtkn	Rattus norvegicus rhotekin (Rtkn), mRNA [NM_184046]	44,260
Cacnb4	Rattus norvegicus calcium channel, voltage-dependent, beta 4 subunit (Cacnb4), mRNA [NM_001105733]	44,235
Shank1	Rattus norvegicus SH3 and multiple ankyrin repeat domains 1 (Shank1), mRNA [NM_031751]	44,223
0	abl interactor 2 [Source:RefSeq peptide;Acc:NP_775166] [ENSRNOT00000058341]	44,213
Sfxn1	Rattus norvegicus sideroflexin 1 (Sfxn1), mRNA [NM_001012213]	44,209
Layn	Rattus norvegicus layilin (Layn), mRNA [NM_001191997]	44,164
Limk1	Rattus norvegicus LIM domain kinase 1 (Limk1), mRNA [NM_031727]	44,164
Aldh9a1	Rattus norvegicus aldehyde dehydrogenase 9 family, member A1 (Aldh9a1), mRNA [NM_022273]	44,141
Fam70b	Rattus norvegicus family with sequence similarity 70, member B (Fam70b), mRNA [NM_001106094]	44,140
Cbfa2t3	Rattus norvegicus core-binding factor, runt domain, alpha subunit 2; translocated to, 3 (Cbfa2t3), mRNA [NM_001108453]	44,136
Asb13	Rattus norvegicus ankyrin repeat and SOCS box-containing 13 (Asb13), mRNA [NM_001108420]	44,123
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC364407), mRNA [XM_344423]	44,041
Pcsk4	Rattus norvegicus proprotein convertase subtilisin/kexin type 4 (Pcsk4), mRNA [NM_133559]	44,026
Nova1	RNA-binding protein Nova-1 [Source:UniProtKB/Swiss-Prot;Acc:Q80WA4] [ENSRNOT00000050372]	44,024
Mmp24	Rattus norvegicus matrix metalloproteinase 24 (Mmp24), mRNA [NM_031757]	44,001
LOC685179	PREDICTED: Rattus norvegicus similar to SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c2, transcript variant 4 (LOC685179), mRNA [XM_001055795]	43,995
Pdpn	Rattus norvegicus podoplanin (Pdpn), mRNA [NM_019358]	43,971
Pus7l	PREDICTED: Rattus norvegicus pseudouridylylase synthase 7 homolog (S. cerevisiae)-like (Pus7l), mRNA [XM_001058268]	43,962
0	Unknown	43,907
Foxj2	Rattus norvegicus forkhead box J2 (Foxj2), mRNA [NM_001109352]	43,873
Prkca	Rattus norvegicus protein kinase C, alpha (Prkca), mRNA [NM_001105713]	43,859
Calhm3	Rattus norvegicus calcium homeostasis modulator 3 (Calhm3), mRNA [NM_001191956]	43,820
Hapln1	Rattus norvegicus hyaluronan and proteoglycan link protein 1 (Hapln1), mRNA [NM_019189]	43,800
Eefsec	Rattus norvegicus eukaryotic elongation factor, selenocysteine-tRNA-specific (Eefsec), mRNA [NM_001109249]	43,792
Trim46	Rattus norvegicus tripartite motif-containing 46 (Trim46), mRNA [NM_001107691]	43,791

S100a16	Rattus norvegicus S100 calcium binding protein A16 (S100a16), mRNA [NM_001108557]	43,764
0	Unknown	43,707
Ccdc91	Rattus norvegicus coiled-coil domain containing 91 (Ccdc91), mRNA [NM_001014061]	43,687
Cbs	Rattus norvegicus cystathionine beta synthase (Cbs), mRNA [NM_012522]	43,670
Zswim4	Rattus norvegicus zinc finger, SWIM-type containing 4 (Zswim4), mRNA [NM_001107163]	43,662
Ncoa4	Rattus norvegicus nuclear receptor coactivator 4 (Ncoa4), transcript variant 2, mRNA [NM_001034008]	43,653
Nudt2	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 2 (Nudt2), mRNA [NM_207596]	43,619
Zfp583	Rattus norvegicus zinc finger protein 583 (Zfp583), mRNA [NM_001134609]	43,597
0	Unknown	43,587
LOC685249	PREDICTED: Rattus norvegicus hypothetical protein LOC685249 (LOC685249), mRNA [XM_001063008]	43,561
Atf5	Rattus norvegicus activating transcription factor 5 (Atf5), mRNA [NM_172336]	43,550
Pclo	Rattus norvegicus piccolo (presynaptic cytomatrix protein) (Pclo), transcript variant 2, mRNA [NM_001110797]	43,519
Tcf19	Rattus norvegicus transcription factor 19 (Tcf19), mRNA [NM_213561]	43,517
Pcsk4	Rattus norvegicus proprotein convertase subtilisin/kexin type 4 (Pcsk4), mRNA [NM_133559]	43,404
37865	Rattus norvegicus septin 3 (Sept3), mRNA [NM_019375]	43,380
Ube2d4	Rattus norvegicus ubiquitin-conjugating enzyme E2D 4 (Ube2d4), mRNA [NM_031001]	43,368
Csdc2	Rattus norvegicus cold shock domain containing C2, RNA binding (Csdc2), mRNA [NM_001170542]	43,357
Xylb	Rattus norvegicus xylulokinase homolog (H. influenzae) (Xylb), mRNA [NM_001033704]	43,334
Capzb	Rattus norvegicus capping protein (actin filament) muscle Z-line, beta (Capzb), mRNA [NM_001005903]	43,325
0	Unknown	43,312
Tanc2	Rattus norvegicus tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2 (Tanc2), mRNA [NM_001191653]	43,282
Fhl1	Rattus norvegicus four and a half LIM domains 1 (Fhl1), transcript variant 2, mRNA [NM_145669]	43,247
Rbm4b	Rattus norvegicus RNA binding motif protein 4B (Rbm4b), mRNA [NM_001007014]	43,236
Helz	Rattus norvegicus helicase with zinc finger (Helz), mRNA [NM_001105848]	43,179
Cyp4f1	Rattus norvegicus cytochrome P450, family 4, subfamily f, polypeptide 1 (Cyp4f1), mRNA [NM_019623]	43,172
Dhrs11	Rattus norvegicus dehydrogenase/reductase (SDR family) member 11 (Dhrs11), mRNA [NM_001014119]	43,158
Sdc2	Rattus norvegicus syndecan 2 (Sdc2), mRNA [NM_013082]	43,154
0	DRNBZC09 Rat DRG Library Rattus norvegicus cDNA clone DRNBZC09 5', mRNA sequence [BG671896]	43,141
Olr192	Rattus norvegicus olfactory receptor 192 (Olr192), mRNA [NM_001000549]	43,124
Afap1	Rattus norvegicus actin filament associated protein 1 (Afap1), mRNA [NM_080900]	43,121
Pvrl1	Nectin-1 [Source:UniProtKB/TrEMBL;Acc:Q9WTY6] [ENSRNOT00000008614]	43,113
Cdk5r2	Rattus norvegicus cyclin-dependent kinase 5, regulatory subunit 2 (p39) (Cdk5r2), mRNA [NM_001109309]	43,102
Tnfrsf1a	Rattus norvegicus tumor necrosis factor receptor superfamily, member 1a (Tnfrsf1a), mRNA [NM_013091]	43,061
Sdk2	Rattus norvegicus sidekick homolog 2 (chicken) (Sdk2), mRNA [NM_001108303]	43,053

Solh	Rattus norvegicus small optic lobes homolog (Drosophila) (Solh), mRNA [NM_001106990]	43,048
Thpo	Rattus norvegicus thrombopoietin (Thpo), mRNA [NM_031133]	42,989
Tanc2	Rattus norvegicus tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2 (Tanc2), mRNA [NM_001191653]	42,984
Jund	Rattus norvegicus jun D proto-oncogene (Jund), mRNA [NM_138875]	42,983
Zic4	Rattus norvegicus Zic family member 4 (Zic4), mRNA [NM_001108176]	42,978
Kcnj3	G protein-activated inward rectifier potassium channel 1 [Source:UniProtKB/Swiss-Prot;Acc:P63251] [ENSRNOT00000007335]	42,955
Adamts3	Rattus norvegicus ADAM metallopeptidase with thrombospondin type 1, motif 3 (Adamts3), mRNA [NM_001107212]	42,954
Litaf	Rattus norvegicus lipopolysaccharide-induced TNF factor (Litaf), mRNA [NM_001105735]	42,951
RGD1563300	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8Q4] [ENSRNOT00000032995]	42,941
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF37] [ENSRNOT00000047805]	42,905
0	Unknown	42,892
RGD1312026	Rattus norvegicus similar to RIKEN cDNA C230081A13 (RGD1312026), mRNA [NM_001108149]	42,883
0	Unknown	42,863
Ap1g1	Rattus norvegicus adaptor-related protein complex 1, gamma 1 subunit (Ap1g1), mRNA [NM_134460]	42,860
Epb4.1l2	PREDICTED: Rattus norvegicus erythrocyte membrane protein band 4.1-like 2 (Epb4.1l2), mRNA [XM_001053351]	42,845
Gltpd1	Rattus norvegicus glycolipid transfer protein domain containing 1 (Gltpd1), mRNA [NM_001007703]	42,845
0	Unknown	42,831
Nrg3	PREDICTED: Rattus norvegicus neuregulin 3, transcript variant 2 (Nrg3), mRNA [XM_573873]	42,811
Myl12b	Rattus norvegicus myosin, light chain 12B, regulatory (Myl12b), mRNA [NM_017343]	42,792
0	PREDICTED: Rattus norvegicus similar to Tubby-related protein 3 (Tubby-like protein 3) (LOC688749), mRNA [XM_001071995]	42,767
Fam172a	Rattus norvegicus family with sequence similarity 172, member A (Fam172a), mRNA [NM_001106401]	42,759
Wdyhv1	Rattus norvegicus WDYHV motif containing 1 (Wdyhv1), mRNA [NM_001025024]	42,735
Ankrd49	Rattus norvegicus ankyrin repeat domain 49 (Ankrd49), mRNA [NM_001126283]	42,709
Pdgfra	Rattus norvegicus platelet derived growth factor receptor, alpha polypeptide (Pdgfra), mRNA [NM_012802]	42,690
Slc6a9	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, glycine), member 9 (Slc6a9), mRNA [NM_053818]	42,638
Mxd1	Rattus norvegicus max dimerization protein 1 (Mxd1), mRNA [NM_001100749]	42,622
S1pr1	Rattus norvegicus sphingosine-1-phosphate receptor 1 (S1pr1), mRNA [NM_017301]	42,614
Cacnb1	Rattus norvegicus calcium channel, voltage-dependent, beta 1 subunit (Cacnb1), mRNA [NM_017346]	42,613
Usp4	Rattus norvegicus ubiquitin specific peptidase 4 (proto-oncogene) (Usp4), transcript variant 1, mRNA [NM_001135012]	42,613
Slc25a10	Rattus norvegicus solute carrier family 25 (mitochondrial carrier; dicarboxylate transporter), member 10 (Slc25a10), nuclear gene encoding mitochondrial protein, mRNA [NM_133418]	42,607
Gnai2	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha inhibiting 2 (Gnai2), mRNA [NM_031035]	42,602
Lsm2	Rattus norvegicus LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae) (Lsm2), transcript variant 2, mRNA [NM_001165922]	42,586
Cyp2j3	Rattus norvegicus cytochrome P450, family 2, subfamily j, polypeptide 3 (Cyp2j3), mRNA [NM_175766]	42,582

Agpat1	Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha) (Agpat1), mRNA [NM_212458]	42,577
Gnao1	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O (Gnao1), mRNA [NM_017327]	42,576
0	Unknown	42,516
Slc15a2	Rattus norvegicus solute carrier family 15 (H+/peptide transporter), member 2 (Slc15a2), mRNA [NM_031672]	42,512
Atp6v1g2	Rattus norvegicus ATPase, H+ transporting, lysosomal V1 subunit G2 (Atp6v1g2), mRNA [NM_212490]	42,507
0	AGENCOURT_109870703 NIH_MGC_418 Rattus norvegicus cDNA clone IMAGE:9022754 5', mRNA sequence [EV768930]	42,484
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (LOC690662), mRNA [XM_001075132]	42,455
Lss	Rattus norvegicus lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) (Lss), mRNA [NM_031049]	42,428
Sst	Rattus norvegicus somatostatin (Sst), mRNA [NM_012659]	42,422
Cdk2ap1	Rattus norvegicus CDK2-associated protein 1 (Cdk2ap1), mRNA [NM_001113751]	42,421
Dagla	Rattus norvegicus diacylglycerol lipase, alpha (Dagla), mRNA [NM_001005886]	42,412
Cmpk2	Rattus norvegicus cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial (Cmpk2), nuclear gene encoding mitochondrial protein, mRNA [NM_001108017]	42,409
LOC100365983	abl interactor 2 [Source:RefSeq peptide;Acc:NP_775166] [ENSRNOT00000058340]	42,401
En1	PREDICTED: Rattus norvegicus engrailed homeobox 1, transcript variant 2 (En1), mRNA [XM_001056772]	42,396
Znf295	Rattus norvegicus zinc finger protein 295 (Znf295), mRNA [NM_001107105]	42,393
Lppr2	Rattus norvegicus lipid phosphate phosphatase-related protein type 2 (Lppr2), mRNA [NM_001005881]	42,382
Olfml1	Rattus norvegicus olfactomedin-like 1 (Olfml1), mRNA [NM_001013192]	42,346
Mmgt1	Rattus norvegicus membrane magnesium transporter 1 (Mmgt1), mRNA [NM_001106970]	42,334
M6pr	Rattus norvegicus mannose-6-phosphate receptor, cation dependent (M6pr), mRNA [NM_001007700]	42,323
Cdkn1c	Rattus norvegicus cyclin-dependent kinase inhibitor 1C (Cdkn1c), transcript variant 1, mRNA [NM_001033757]	42,262
0	LRRGT00107 [Source:UniProtKB/TrEMBL;Acc:Q6TUD7] [ENSRNOT00000035353]	42,243
Sgcd	Rattus norvegicus sarcoglycan, delta (dystrophin-associated glycoprotein) (Sgcd), transcript variant 1, mRNA [NM_001134826]	42,233
Phyhip	Rattus norvegicus phytanoyl-CoA 2-hydroxylase interacting protein (Phyhip), mRNA [NM_001017376]	42,211
Ugcg	Rattus norvegicus UDP-glucose ceramide glucosyltransferase (Ugcg), mRNA [NM_031795]	42,142
Stk4	Rattus norvegicus serine/threonine kinase 4 (Stk4), mRNA [NM_001107800]	42,136
Mef2c	PREDICTED: Rattus norvegicus myocyte enhancer factor 2C (Mef2c), mRNA [XM_001056692]	42,084
Tmem86b	Rattus norvegicus transmembrane protein 86B (Tmem86b), mRNA [NM_001109604]	42,079
Ppp1r11	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 11 (Ppp1r11), mRNA [NM_212542]	42,010
Begain	Rattus norvegicus brain-enriched guanylate kinase-associated (Begain), transcript variant 2, mRNA [NM_024163]	42,001
Prox1	Rattus norvegicus prospero homeobox 1 (Prox1), mRNA [NM_001107201]	41,988
Bhlhe40	Rattus norvegicus basic helix-loop-helix family, member e40 (Bhlhe40), mRNA [NM_053328]	41,982
Hist1h1t	Rattus norvegicus histone cluster 1, H1t (Hist1h1t), mRNA [NM_012579]	41,954
Nicn1	Rattus norvegicus nicolin 1 (Nicn1), mRNA [NM_001034999]	41,925

FAM120C	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNI4] [ENSRNOT00000003565]	41,906
Ckap4	Rattus norvegicus cytoskeleton-associated protein 4 (Ckap4), mRNA [NM_001108740]	41,868
Olr278	Rattus norvegicus olfactory receptor 278 (Olr278), mRNA [NM_001000730]	41,854
RGD1305587	Rattus norvegicus similar to RIKEN cDNA 2010107G23 (RGD1305587), mRNA [NM_001127452]	41,838
0	Unknown	41,820
0	Rattus norvegicus chromosome 1, 5 clones, strain BN/SsNHsdMCW RNOR03207166, whole genome shotgun sequence [AABR03000122]	41,812
0	Q5DTV9_MOUSE (Q5DTV9) MKIAA1671 protein (Fragment), partial (75%) [TC598280]	41,799
Sema6d	Rattus norvegicus sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D (Sema6d), mRNA [NM_001107768]	41,785
Fam73b	Rattus norvegicus family with sequence similarity 73, member B (Fam73b), mRNA [NM_001106566]	41,782
Ankrd56	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4Q1] [ENSRNOT00000002995]	41,765
Plcx2	Rattus norvegicus phosphatidylinositol-specific phospholipase C, X domain containing 2 (Plcx2), mRNA [NM_001134481]	41,754
LOC311352	Rattus norvegicus similar to Adenosine deaminase CG11994-PA (LOC311352), mRNA [NM_001014047]	41,750
Cops7b	Rattus norvegicus COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis) (Cops7b), mRNA [NM_001108807]	41,732
Ninj1	Rattus norvegicus ninjurin 1 (Ninj1), mRNA [NM_012867]	41,728
Tcp111	Rattus norvegicus t-complex 11 like 1 (Tcp111), mRNA [NM_001109202]	41,694
Camk2n1	Rattus norvegicus calcium/calmodulin-dependent protein kinase II inhibitor 1 (Camk2n1), mRNA [NM_173337]	41,692
Sgta	Rattus norvegicus small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha (Sgta), mRNA [NM_022703]	41,682
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1559865), mRNA [XM_346093]	41,629
Grin3a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl-D-aspartate 3A (Grin3a), transcript variant 1, mRNA [NM_138546]	41,601
Ctsb	Rattus norvegicus cathepsin B (Ctsb), mRNA [NM_022597]	41,588
Psrc1	Rattus norvegicus proline/serine-rich coiled-coil 1 (Psrc1), mRNA [NM_001044302]	41,588
Arhgap21	Rattus norvegicus Rho GTPase activating protein 21 (Arhgap21), mRNA [NM_001191693]	41,524
LOC500956	Rattus norvegicus hypothetical protein LOC500956 (LOC500956), mRNA [NM_001025054]	41,511
Klf7	Rattus norvegicus Kruppel-like factor 7 (ubiquitous) (Klf7), mRNA [NM_001108800]	41,510
0	Unknown	41,503
0	Unknown	41,463
LOC499330	Rattus norvegicus similar to Nicotinamide riboside kinase 1 (LOC499330), mRNA [NM_001024292]	41,457
Gtlf3b	Rattus norvegicus gene trap locus F3b (Gtlf3b), mRNA [NM_001170541]	41,447
LOC691477	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (LOC691477), mRNA [XM_001078461]	41,445
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1566186), mRNA [XM_001070155]	41,403
Sema5a	Rattus norvegicus sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A (Sema5a), mRNA [NM_001107659]	41,394
0	UI-R-BJ1-atd-d-01-0-UI.s1 UI-R-BJ1 Rattus norvegicus cDNA clone UI-R-BJ1-atd-d-01-0-UI 3', mRNA sequence [BE098737]	41,390
0	Unknown	41,328

Slc35f1	Rattus norvegicus solute carrier family 35, member F1 (Slc35f1), mRNA [NM_001109338]	41,326
0	Unknown	41,318
0	UI-R-BO1-asq-d-09-0-UI.s1 UI-R-BO1 Rattus norvegicus cDNA clone UI-R-BO1-asq-d-09-0-UI 3', mRNA sequence [BE106644]	41,291
Prr14	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWF4] [ENSRNOT00000055002]	41,290
Rab7a	Rattus norvegicus RAB7A, member RAS oncogene family (Rab7a), mRNA [NM_023950]	41,279
Cpsf7	Rattus norvegicus cleavage and polyadenylation specific factor 7 (Cpsf7), mRNA [NM_001014245]	41,247
0	Unknown	41,230
0	Unknown	41,210
Bmp1	Rattus norvegicus bone morphogenetic protein 1 (Bmp1), mRNA [NM_031323]	41,173
Dph3	Rattus norvegicus DPH3, KTI11 homolog (S. cerevisiae) (Dph3), mRNA [NM_001134850]	41,164
LOC683470	PREDICTED: Rattus norvegicus similar to growth arrest specific 1 (LOC683470), mRNA [XM_001066058]	41,158
Auts2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZY1] [ENSRNOT00000044800]	41,155
Coro2b	Coro2b protein [Source:UniProtKB/TrEMBL;Acc:Q5EB67] [ENSRNOT00000020951]	41,151
Zdhhc9	Rattus norvegicus zinc finger, DHHC-type containing 9 (Zdhhc9), mRNA [NM_001039016]	41,150
St6galnac3	Rattus norvegicus ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (St6galnac3), mRNA [NM_019123]	41,144
Nrxn2	Rattus norvegicus neurexin 2 (Nrxn2), mRNA [NM_053846]	41,068
0	Rattus norvegicus TL0ADA15YN18 mRNA sequence. [FQ223062]	41,051
Fcrla	Rattus norvegicus Fc receptor-like A (Fcrla), mRNA [NM_001100682]	41,044
Cbln1	Rattus norvegicus cerebellin 1 precursor (Cbln1), mRNA [NM_001109127]	41,034
Lta	Rattus norvegicus lymphotoxin alpha (TNF superfamily, member 1) (Lta), mRNA [NM_080769]	40,982
Fam53b	Rattus norvegicus family with sequence similarity 53, member B (Fam53b), mRNA [NM_001107556]	40,975
Wdtdc1	Rattus norvegicus WD and tetratricopeptide repeats 1 (Wdtdc1), mRNA [NM_001107908]	40,921
RGD1560833	PREDICTED: Rattus norvegicus similar to myocardin-related transcription factor B (RGD1560833), mRNA [XM_001075589]	40,899
Derl3	Rattus norvegicus Der1-like domain family, member 3 (Derl3), mRNA [NM_001109577]	40,882
Tanc1	Rattus norvegicus tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1 (Tanc1), mRNA [NM_001002854]	40,879
Tcf7l2	Rattus norvegicus transcription factor 7-like 2 (T-cell specific, HMG-box) (Tcf7l2), mRNA [NM_001191052]	40,877
Parva	Rattus norvegicus parvin, alpha (Parva), mRNA [NM_020656]	40,874
Cplx2	Rattus norvegicus complexin 2 (Cplx2), mRNA [NM_053878]	40,853
Cbln4	Rattus norvegicus cerebellin 4 precursor (Cbln4), mRNA [NM_001109210]	40,795
39873	Rattus norvegicus membrane-associated ring finger (C3HC4) 9 (March9), mRNA [NM_001100601]	40,776
LOC361414	PREDICTED: Rattus norvegicus similar to Synaptic vesicle membrane protein VAT-1 homolog (LOC361414), miscRNA [XR_006986]	40,746
Ywhab	Rattus norvegicus tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide (Ywhab), mRNA [NM_019377]	40,730
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXW1] [ENSRNOT00000030613]	40,728

Kdm2a	Rattus norvegicus lysine (K)-specific demethylase 2A (Kdm2a), mRNA [NM_001108515]	40,680
Rnf144a	Rattus norvegicus ring finger protein 144A (Rnf144a), mRNA [NM_001082410]	40,670
0	Unknown	40,639
Rsu1	Rattus norvegicus Ras suppressor protein 1 (Rsu1), mRNA [NM_001109404]	40,623
Epn1	Rattus norvegicus Epsin 1 (Epn1), mRNA [NM_057136]	40,550
Scamp4	Rattus norvegicus secretory carrier membrane protein 4 (Scamp4), mRNA [NM_031725]	40,540
LOC684112	PREDICTED: Rattus norvegicus similar to KIAA0999 protein (LOC684112), mRNA [XM_001068984]	40,539
Sh3bgrl3	Rattus norvegicus SH3 domain binding glutamic acid-rich protein-like 3 (Sh3bgrl3), mRNA [NM_001106688]	40,536
Sars2	Rattus norvegicus seryl-tRNA synthetase 2, mitochondrial (Sars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001106240]	40,528
Pitpnb	Rattus norvegicus phosphatidylinositol transfer protein, beta (Pitpnb), mRNA [NM_053742]	40,524
Mk1	Rattus norvegicus Mk1 protein (Mk1), mRNA [NM_134399]	40,496
Fam134c	Rattus norvegicus family with sequence similarity 134, member C (Fam134c), mRNA [NM_001135804]	40,461
Fiz1	Rattus norvegicus FLT3-interacting zinc finger 1 (Fiz1), mRNA [NM_001106223]	40,384
Atp2b4	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 4 (Atp2b4), mRNA [NM_001005871]	40,368
0	Unknown	40,342
Rtn3	Rattus norvegicus reticulon 3 (Rtn3), transcript variant 1, mRNA [NM_080909]	40,340
Upk1b	Rattus norvegicus uroplakin 1B (Upk1b), mRNA [NM_001024253]	40,328
LOC688430	PREDICTED: Rattus norvegicus similar to Cofilin-1 (Cofilin, non-muscle isoform), transcript variant 1 (LOC688430), mRNA [XM_001067293]	40,316
0	Unknown	40,313
0	Unknown	40,308
Nutf2	Rattus norvegicus nuclear transport factor 2 (Nutf2), mRNA [NM_001007629]	40,300
Gstm1	Rattus norvegicus glutathione S-transferase mu 1 (Gstm1), mRNA [NM_017014]	40,290
0	AW917568 EST348872 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIEF42 5' end, mRNA sequence [AW917568]	40,253
Ank2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4Q9] [ENSRNOT00000055615]	40,223
Taf6	Rattus norvegicus TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf6), mRNA [NM_001044225]	40,204
0	Unknown	40,202
Rbm22	Rattus norvegicus RNA binding motif protein 22 (Rbm22), mRNA [NM_001025676]	40,201
Mapkbp1	Rattus norvegicus mitogen activated protein kinase binding protein 1 (Mapkbp1), mRNA [NM_001108589]	40,200
Tgfb1i1	Rattus norvegicus transforming growth factor beta 1 induced transcript 1 (Tgfb1i1), mRNA [NM_001191840]	40,198
Cd300a	Rattus norvegicus CD300A molecule (Cd300a), mRNA [NM_001205348]	40,173
Mbd6	Rattus norvegicus methyl-CpG binding domain protein 6 (Mbd6), mRNA [NM_001170566]	40,099
Akt1s1	Rattus norvegicus AKT1 substrate 1 (proline-rich) (Akt1s1), mRNA [NM_001106259]	40,090
Sncb	Rattus norvegicus synuclein, beta (Sncb), mRNA [NM_080777]	40,078

Lhx2	Rattus norvegicus LIM homeobox 2 (Lhx2), mRNA [NM_001106571]	40,063
liig9	Rattus norvegicus IIG9 protein (liig9), mRNA [NM_145786]	40,050
Mrpl43	Rattus norvegicus mitochondrial ribosomal protein L43 (Mrpl43), nuclear gene encoding mitochondrial protein, mRNA [NM_001107598]	40,040
Abcc4	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 4 (Abcc4), mRNA [NM_133411]	39,986
Rabl2b	Rattus norvegicus RAB, member of RAS oncogene family-like 2B (Rabl2b), mRNA [NM_001013221]	39,984
40057	Rattus norvegicus septin 9 (Sept9), transcript variant 2, mRNA [NM_176856]	39,963
Slc6a8	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, creatine), member 8 (Slc6a8), mRNA [NM_017348]	39,960
Zfhx2	Rattus norvegicus zinc finger homeobox 2 (Zfhx2), mRNA [NM_001098803]	39,913
0	Unknown	39,881
0	Unknown	39,876
Wdfy3	Rattus norvegicus WD repeat and FYVE domain containing 3 (Wdfy3), mRNA [NM_001170551]	39,867
Sf1	Rattus norvegicus splicing factor 1 (Sf1), transcript variant 1, mRNA [NM_001110793]	39,848
Wdr7	Rattus norvegicus WD repeat domain 7 (Wdr7), mRNA [NM_023975]	39,845
Pcyt1b	Rattus norvegicus phosphate cytidyltransferase 1, choline, beta (Pcyt1b), mRNA [NM_173151]	39,825
C2cd3	Rattus norvegicus C2 calcium-dependent domain containing 3 (C2cd3), mRNA [NM_001191602]	39,818
Man1a2	Rattus norvegicus mannosidase, alpha, class 1A, member 2 (Man1a2), mRNA [NM_001106452]	39,811
Znf609	Rattus norvegicus zinc finger protein 609 (Znf609), mRNA [NM_001173371]	39,803
Gdf11	Growth/differentiation factor 11 [Source:UniProtKB/Swiss-Prot;Acc:Q9Z217] [ENSRNOT00000010035]	39,787
Trak1	Rattus norvegicus trafficking protein, kinesin binding 1 (Trak1), mRNA [NM_001134565]	39,786
Atp5sl	Rattus norvegicus ATP5S-like (Atp5sl), mRNA [NM_001009705]	39,780
0	Q9UJ66_HUMAN (Q9UJ66) 7h3 protein (Fragment), partial (4%) [TC581403]	39,771
0	Rattus norvegicus TL0AEA68YE13 mRNA sequence. [FQ231763]	39,768
Epn2	Rattus norvegicus epsin 2 (Epn2), transcript variant 2, mRNA [NM_001033914]	39,759
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0X2] [ENSRNOT00000026785]	39,757
Cd276	Rattus norvegicus Cd276 molecule (Cd276), mRNA [NM_182824]	39,747
Atp1b2	Rattus norvegicus ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide (Atp1b2), mRNA [NM_012507]	39,745
Rfx7	Rattus norvegicus regulatory factor X, 7 (Rfx7), mRNA [NM_001127490]	39,737
Sfrp5	Rattus norvegicus secreted frizzled-related protein 5 (Sfrp5), mRNA [NM_001107591]	39,730
0	Unknown	39,729
0	Unknown	39,702
0	Unknown	39,660
Dyrk1b	Rattus norvegicus dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1b (Dyrk1b), mRNA [NM_001107496]	39,654
Tmem189	Rattus norvegicus transmembrane protein 189 (Tmem189), mRNA [NM_001113752]	39,652
Cdk2ap2	Rattus norvegicus CDK2-associated protein 2 (Cdk2ap2), mRNA [NM_001109498]	39,638

Tnrc4	Rattus norvegicus trinucleotide repeat containing 4 (Tnrc4), mRNA [NM_001109190]	39,568
Pcbp2	Rattus norvegicus poly(rC) binding protein 2 (Pcbp2), mRNA [NM_001013223]	39,556
Nrsn2	Rattus norvegicus neurensin 2 (Nrsn2), mRNA [NM_001109561]	39,535
Gpt2	Rattus norvegicus Cc2-5 mRNA, complete cds. [AY325245]	39,531
0	Syntaxin-binding protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P61765] [ENSRNOT00000021189]	39,530
Fgfr2	Rattus norvegicus fibroblast growth factor receptor 2 (Fgfr2), transcript variant a, mRNA [NM_012712]	39,509
Vamp3	Rattus norvegicus vesicle-associated membrane protein 3 (Vamp3), mRNA [NM_057097]	39,492
Atxn3	Rattus norvegicus ataxin 3 (Atxn3), mRNA [NM_021702]	39,462
Hcn1	Rattus norvegicus hyperpolarization-activated cyclic nucleotide-gated potassium channel 1 (Hcn1), mRNA [NM_053375]	39,461
Stc1	Rattus norvegicus stanniocalcin 1 (Stc1), mRNA [NM_031123]	39,456
Pak4	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 4 (Pak4), mRNA [NM_001106238]	39,453
0	HEG homolog 1 (zebrafish) Gene [Source:MGI Symbol;Acc:MGI:1924696] [ENSRNOT00000002443]	39,435
Slc39a13	Rattus norvegicus solute carrier family 39 (zinc transporter), member 13 (Slc39a13), mRNA [NM_001039196]	39,432
Epb41l3	Rattus norvegicus erythrocyte membrane protein band 4.1-like 3 (Epb41l3), mRNA [NM_053927]	39,425
RGD1563579	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A888] [ENSRNOT00000057412]	39,356
Il13ra1	Rattus norvegicus interleukin 13 receptor, alpha 1 (Il13ra1), mRNA [NM_145789]	39,354
Yipf6	Rattus norvegicus Yip1 domain family, member 6 (Yipf6), mRNA [NM_001025747]	39,336
Zbtb7c	Rattus norvegicus zinc finger and BTB domain containing 7C (Zbtb7c), mRNA [NM_001127375]	39,295
Scn5a	Rattus norvegicus sodium channel, voltage-gated, type V, alpha subunit (Scn5a), transcript variant 1, mRNA [NM_013125]	39,287
Tspan5	Rattus norvegicus tetraspanin 5 (Tspan5), mRNA [NM_001004090]	39,271
Ndst1	Rattus norvegicus N-deacetylase/N-sulfotransferase (heparan glucosaminy) 1 (Ndst1), mRNA [NM_024361]	39,266
Kcnd3	Rattus norvegicus potassium voltage-gated channel, Shal-related subfamily, member 3 (Kcnd3), mRNA [NM_031739]	39,236
Hmga1	Rattus norvegicus high mobility group AT-hook 1 (Hmga1), mRNA [NM_139327]	39,217
LOC691918	PREDICTED: Rattus norvegicus similar to Centrosomal protein of 27 kDa (Cep27 protein), transcript variant 2 (LOC691918), mRNA [XM_002726165]	39,211
Tcfcp2	Rattus norvegicus transcription factor CP2 (Tcfcp2), mRNA [NM_001134714]	39,204
Hey2	Rattus norvegicus hairy/enhancer-of-split related with YRPW motif 2 (Hey2), mRNA [NM_130417]	39,182
0	PREDICTED: Rattus norvegicus thymic stromal lymphopoietin (Tslp), mRNA [XM_001067649]	39,150
Eif4e3	Rattus norvegicus eukaryotic translation initiation factor 4E family member 3 (Eif4e3), mRNA [NM_001106612]	39,134
Pkmyt1	Rattus norvegicus protein kinase, membrane associated tyrosine/threonine 1 (Pkmyt1), mRNA [NM_001105766]	39,132
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z808] [ENSRNOT00000020428]	39,131
Dand5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGN3] [ENSRNOT00000044133]	39,127
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1562139), mRNA [XM_235395]	39,117
Pdcd6ip	Rattus norvegicus programmed cell death 6 interacting protein (Pdcd6ip), mRNA [NM_001029910]	39,096

Dzip1	Dzip1 protein [Source:UniProtKB/TrEMBL;Acc:Q5EB75] [ENSRNOT00000038596]	39,005
Ubap2	Rattus norvegicus ubiquitin-associated protein 2 (Ubap2), mRNA [NM_001107928]	39,004
Zkscan1	Rattus norvegicus zinc finger with KRAB and SCAN domains 1 (Zkscan1), mRNA [NM_001025760]	38,997
Mobkl2b	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 2B (yeast) (Mobkl2b), mRNA [NM_001108970]	38,990
Otop1	Rattus norvegicus otopetrin 1 (Otop1), mRNA [NM_181433]	38,967
Fads1	Rattus norvegicus fatty acid desaturase 1 (Fads1), mRNA [NM_053445]	38,954
Prkx	Rattus norvegicus protein kinase, X-linked (Prkx), mRNA [NM_001033963]	38,949
Bhlhb9	Rattus norvegicus basic helix-loop-helix domain containing, class B, 9 (Bhlhb9), mRNA [NM_207611]	38,938
Dlgap4	Rattus norvegicus discs, large homolog-associated protein 4 (Drosophila) (Dlgap4), mRNA [NM_173145]	38,929
Irs4	PREDICTED: Rattus norvegicus insulin receptor substrate 4 (Irs4), mRNA [XM_001056753]	38,918
Abcd1	Rattus norvegicus ATP-binding cassette, subfamily D (ALD), member 1 (Abcd1), mRNA [NM_001108821]	38,909
Adamts2	Rattus norvegicus ADAM metallopeptidase with thrombospondin type 1 motif, 2 (Adamts2), mRNA [NM_001137622]	38,895
Dlgap1	Rattus norvegicus discs, large (Drosophila) homolog-associated protein 1 (Dlgap1), mRNA [NM_022946]	38,861
Olr1530	Rattus norvegicus olfactory receptor 1530 (Olr1530), mRNA [NM_001001101]	38,860
Npy	Rattus norvegicus neuropeptide Y (Npy), mRNA [NM_012614]	38,847
Sulf2	Rattus norvegicus sulfatase 2 (Sulf2), mRNA [NM_001034927]	38,846
Map3k3	Rattus norvegicus mitogen activated protein kinase kinase kinase 3 (Map3k3), mRNA [NM_001107058]	38,842
Gabbr2	Rattus norvegicus gamma-aminobutyric acid (GABA) B receptor 2 (Gabbr2), mRNA [NM_031802]	38,833
Gdi1	Rattus norvegicus GDP dissociation inhibitor 1 (Gdi1), mRNA [NM_017088]	38,806
0	Unknown	38,805
Phf12	Rattus norvegicus PHD finger protein 12 (Phf12), mRNA [NM_001013117]	38,774
Tmem80	Rattus norvegicus transmembrane protein 80 (Tmem80), mRNA [NM_001017455]	38,741
Fam53c	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH55] [ENSRNOT00000027499]	38,723
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEI4] [ENSRNOT00000012248]	38,711
Zbtb39	Rattus norvegicus zinc finger and BTB domain containing 39 (Zbtb39), mRNA [NM_001130537]	38,710
Osbp	Rattus norvegicus oxysterol binding protein (Osbp), mRNA [NM_001108927]	38,706
Wdr62	Rattus norvegicus WD repeat domain 62 (Wdr62), mRNA [NM_001191623]	38,657
Ccdc90a	Putative uncharacterized protein RGD1307673_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEJ2] [ENSRNOT00000024206]	38,618
Zfhx3	PREDICTED: Rattus norvegicus zinc finger homeobox 3, transcript variant 2 (Zfhx3), mRNA [XM_226464]	38,590
Zcchc14	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZB77] [ENSRNOT00000058486]	38,566
RGD1305680	Rattus norvegicus similar to KIAA0240 (RGD1305680), mRNA [NM_001106888]	38,565
Plp1	Rattus norvegicus proteolipid protein 1 (Plp1), mRNA [NM_030990]	38,548

Srd5a1	Rattus norvegicus steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1) (Srd5a1), mRNA [NM_017070]	38,548
Cdk2ap2	Rattus norvegicus CDK2-associated protein 2 (Cdk2ap2), mRNA [NM_001109498]	38,538
0	Rattus norvegicus TL0AEA61YM21 mRNA sequence. [FQ233449]	38,536
Cldn19	Rattus norvegicus claudin 19 (Cldn19), mRNA [NM_001008514]	38,526
0	Transforming growth factor beta-2 [Source:UniProtKB/Swiss-Prot;Acc:Q07257] [ENSRNOT00000057338]	38,522
0	Q52LS7_HUMAN (Q52LS7) SCRT1 protein, partial (45%) [TC630587]	38,488
Jak3	Rattus norvegicus Janus kinase 3 (Jak3), mRNA [NM_012855]	38,463
Olr402	Rattus norvegicus olfactory receptor 402 (Olr402), mRNA [NM_001001014]	38,436
0	Unknown	38,435
Prdm2	Rattus norvegicus PR domain containing 2, with ZNF domain (Prdm2), mRNA [NM_001077648]	38,431
Clic4	Rattus norvegicus chloride intracellular channel 4 (Clic4), nuclear gene encoding mitochondrial protein, mRNA [NM_031818]	38,424
Prelp	Rattus norvegicus proline/arginine-rich end leucine-rich repeat protein (Prelp), mRNA [NM_053385]	38,397
Eif1ad	Rattus norvegicus eukaryotic translation initiation factor 1A domain containing (Eif1ad), mRNA [NM_001008305]	38,383
Mmp2	Rattus norvegicus matrix metalloproteinase 2 (Mmp2), mRNA [NM_031054]	38,365
0	Unknown	38,362
Cyfp2	Rattus norvegicus cytoplasmic FMR1 interacting protein 2 (Cyfp2), mRNA [NM_001106996]	38,337
Tmx4	Rattus norvegicus thioredoxin-related transmembrane protein 4 (Tmx4), mRNA [NM_001100529]	38,323
Zmiz1	Rattus norvegicus zinc finger, MIZ-type containing 1 (Zmiz1), mRNA [NM_001108393]	38,317
Atp1a2	Rattus norvegicus ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide (Atp1a2), mRNA [NM_012505]	38,317
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1560076), mRNA [XM_001073916]	38,285
Cln5	Rattus norvegicus ceroid-lipofuscinosis, neuronal 5 (Cln5), mRNA [NM_001191689]	38,281
Meis2	Rattus norvegicus Meis homeobox 2 (Meis2), mRNA [NM_001107758]	38,266
Pbx1	Rattus norvegicus pre-B-cell leukemia homeobox 1 (Pbx1), transcript variant 2, mRNA [NM_001100681]	38,235
Shroom2	Rattus norvegicus shroom family member 2 (Shroom2), mRNA [NM_001047893]	38,201
0	WW domain containing adaptor with coiled-coil Gene [Source:MGI Symbol;Acc:MGI:2387357] [ENSRNOT00000058850]	38,189
Sfrs15	Rattus norvegicus splicing factor, arginine/serine-rich 15 (Sfrs15), mRNA [NM_001037347]	38,181
Gpr152	PREDICTED: Rattus norvegicus G protein-coupled receptor 152 (Gpr152), mRNA [XM_002725764]	38,119
Gja1	Rattus norvegicus gap junction protein, alpha 1 (Gja1), mRNA [NM_012567]	38,092
0	Unknown	38,056
E2f3	Rattus norvegicus E2F transcription factor 3 (E2f3), mRNA [NM_001137626]	38,027
Pdgn	Rattus norvegicus podoplanin (Pdgn), mRNA [NM_019358]	38,024
Atp6ap1	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal accessory protein 1 (Atp6ap1), mRNA [NM_031785]	38,017
Tmem179b	Rattus norvegicus transmembrane protein 179B (Tmem179b), mRNA [NM_001109572]	38,004

Fgf18	Rattus norvegicus fibroblast growth factor 18 (Fgf18), mRNA [NM_019199]	37,971
Cib2	Rattus norvegicus calcium and integrin binding family member 2 (Cib2), mRNA [NM_001015010]	37,964
Cntfr	Rattus norvegicus ciliary neurotrophic factor receptor (Cntfr), mRNA [NM_001003929]	37,959
0	Transcription initiation factor TFIIID subunit 6 [Source:UniProtKB/Swiss-Prot;Acc:Q63801] [ENSRNOT00000001829]	37,945
RGD1559613	Rattus norvegicus RGD1559613 (RGD1559613), mRNA [NM_001109138]	37,939
0	Unknown	37,934
Neurod1	Rattus norvegicus neurogenic differentiation 1 (Neurod1), mRNA [NM_019218]	37,911
LOC100365551	PREDICTED: Rattus norvegicus hypothetical protein LOC100365551 (LOC100365551), mRNA [XM_002727224]	37,902
0	Protein phosphatase 1 regulatory subunit 11 [Source:UniProtKB/Swiss-Prot;Acc:Q6MFY6] [ENSRNOT00000045664]	37,899
0	Unknown	37,885
Scarb1	Rattus norvegicus scavenger receptor class B, member 1 (Scarb1), mRNA [NM_031541]	37,885
LOC691221	PREDICTED: Rattus norvegicus similar to CG1998-PA (LOC691221), mRNA [XM_001077260]	37,852
Atp2b3	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 3 (Atp2b3), mRNA [NM_133288]	37,826
LOC305806	Rattus norvegicus similar to glutaredoxin 1 (thioltransferase); glutaredoxin (LOC305806), mRNA [NM_001013993]	37,821
Sf3a1	Rattus norvegicus splicing factor 3a, subunit 1 (Sf3a1), mRNA [NM_001107235]	37,801
Ddx58	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 (Ddx58), mRNA [NM_001106645]	37,800
Zap70	Rattus norvegicus zeta-chain (TCR) associated protein kinase (Zap70), mRNA [NM_001012002]	37,784
Gatm	Rattus norvegicus glycine amidinotransferase (L-arginine:glycine amidinotransferase) (Gatm), nuclear gene encoding mitochondrial protein, mRNA [NM_031031]	37,757
0	Unknown	37,730
Fam149a	PREDICTED: Rattus norvegicus family with sequence similarity 149, member A (Fam149a), mRNA [XM_001061521]	37,727
LOC100362849	PREDICTED: Rattus norvegicus hypothetical protein LOC100362849 (LOC100362849), partial mRNA [XM_002729412]	37,716
Sh3bp1	Rattus norvegicus SH3-domain binding protein 1 (Sh3bp1), mRNA [NM_001171981]	37,702
Otub1	Rattus norvegicus OTU domain, ubiquitin aldehyde binding 1 (Otub1), mRNA [NM_001106332]	37,667
0	Unknown	37,662
Rfx1	Rattus norvegicus regulatory factor X, 1 (influences HLA class II expression) (Rfx1), mRNA [NM_001105944]	37,636
0	Potassium voltage-gated channel subfamily C member 3 [Source:UniProtKB/Swiss-Prot;Acc:Q01956] [ENSRNOT00000027043]	37,611
Col1a2	Rattus norvegicus collagen, type I, alpha 2 (Col1a2), mRNA [NM_053356]	37,557
Usp54	Rattus norvegicus ubiquitin specific peptidase 54 (Usp54), mRNA [NM_001008863]	37,552
Lrrtm2	Rattus norvegicus leucine rich repeat transmembrane neuronal 2 (Lrrtm2), mRNA [NM_001109469]	37,543
Parvb	Rattus norvegicus parvin, beta (Parvb), mRNA [NM_001134780]	37,540
Pofut2	Rattus norvegicus protein O-fucosyltransferase 2 (Pofut2), mRNA [NM_001107621]	37,540
Fam168a	Rattus norvegicus family with sequence similarity 168, member A (Fam168a), mRNA [NM_001108494]	37,539
RGD1565033	Rattus norvegicus similar to hypothetical protein LOC284018 isoform b (RGD1565033), mRNA [NM_001109050]	37,486

0	NADH-ubiquinone oxidoreductase chain 5 [Source:UniProtKB/Swiss-Prot;Acc:P11661] [ENSRNOT00000048767]	37,486
Lrrc56	Rattus norvegicus leucine rich repeat containing 56 (Lrrc56), mRNA [NM_001024902]	37,485
0	Unknown	37,477
LOC497952	PREDICTED: Rattus norvegicus similar to Ubiquitin-associated protein 2-like (LOC497952), miscRNA [XR_005763]	37,459
0	Unknown	37,450
FAM120C	PREDICTED: Rattus norvegicus family with sequence similarity 120C (FAM120C), mRNA [XM_001068090]	37,449
0	ROBO1_RAT (O55005) Roundabout homolog 1 precursor, complete [TC573812]	37,440
Csf1	Rattus norvegicus colony stimulating factor 1 (macrophage) (Csf1), mRNA [NM_023981]	37,419
RGD1562699	Rattus norvegicus RGD1562699 (RGD1562699), mRNA [NM_001106141]	37,414
Chchd10	Rattus norvegicus coiled-coil-helix-coiled-coil-helix domain containing 10 (Chchd10), mRNA [NM_001007008]	37,407
Hs6st1	Rattus norvegicus heparan sulfate 6-O-sulfotransferase 1 (Hs6st1), mRNA [NM_001108210]	37,396
Diras1	Rattus norvegicus DIRAS family, GTP-binding RAS-like 1 (Diras1), mRNA [NM_001108987]	37,393
Shisa7	Rattus norvegicus shisa homolog 7 (Xenopus laevis) (Shisa7), mRNA [NM_001145175]	37,379
Csk	Rattus norvegicus c-src tyrosine kinase (Csk), mRNA [NM_001030039]	37,370
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV82] [ENSRNOT00000037181]	37,360
Slc1a3	Rattus norvegicus solute carrier family 1 (glial high affinity glutamate transporter), member 3 (Slc1a3), mRNA [NM_019225]	37,355
Cul3	Rattus norvegicus cullin 3 (Cul3), mRNA [NM_001106923]	37,333
Ankrd34a	Rattus norvegicus ankyrin repeat domain 34A (Ankrd34a), mRNA [NM_001024980]	37,326
Prom1	Rattus norvegicus prominin 1 (Prom1), transcript variant 1, mRNA [NM_021751]	37,325
0	Unknown	37,318
Kif13b	Rattus norvegicus kinesin family member 13B (Kif13b), mRNA [NM_213626]	37,315
Galm	Rattus norvegicus galactose mutarotase (aldose 1-epimerase) (Galm), mRNA [NM_001007704]	37,315
Gnaq	Rattus norvegicus guanine nucleotide binding protein (G protein), q polypeptide (Gnaq), mRNA [NM_031036]	37,314
0	ATP synthase protein 8 [Source:UniProtKB/Swiss-Prot;Acc:P11608] [ENSRNOT00000046201]	37,304
LOC690079	Rattus norvegicus hypothetical protein LOC690079 (LOC690079), mRNA [NM_001109566]	37,298
0	Unknown	37,283
Trim17	Rattus norvegicus tripartite motif-containing 17 (Trim17), mRNA [NM_022798]	37,276
Vhl	Rattus norvegicus von Hippel-Lindau tumor suppressor (Vhl), mRNA [NM_052801]	37,253
Aplnr	Rattus norvegicus apelin receptor (Aplnr), mRNA [NM_031349]	37,240
0	Rattus norvegicus clone UI-R-FJ0-cpy-l-05-0-UI unknown mRNA. [AY724520]	37,228
Olr727	Rattus norvegicus olfactory receptor 727 (Olr727), mRNA [NM_001000619]	37,193
Fgf14	Rattus norvegicus fibroblast growth factor-like factor 4D mRNA, partial cds. [AF348523]	37,181
Rab4a	Rattus norvegicus RAB4A, member RAS oncogene family (Rab4a), mRNA [NM_013019]	37,154
Gli2	Rattus norvegicus GLI family zinc finger 2 (Gli2), mRNA [NM_001107169]	37,152

LOC306766	Rattus norvegicus hypothetical LOC306766 (LOC306766), mRNA [NM_001014007]	37,152
Plekhg1	Rattus norvegicus pleckstrin homology domain containing, family G (with RhoGef domain) member 1 (Plekhg1), mRNA [NM_001190999]	37,152
RGD1566149	Rattus norvegicus similar to CDNA sequence BC017647 (RGD1566149), mRNA [NM_001109038]	37,149
Zc4h2	Rattus norvegicus zinc finger, C4H2 domain containing (Zc4h2), mRNA [NM_001126374]	37,144
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7M0] [ENSRNOT00000011178]	37,143
Fgf20	Rattus norvegicus fibroblast growth factor 20 (Fgf20), mRNA [NM_023961]	37,143
Kcna3	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, member 3 (Kcna3), mRNA [NM_019270]	37,142
Nfix	Rattus norvegicus nuclear factor I/X (CCAAT-binding transcription factor) (Nfix), mRNA [NM_030866]	37,136
LOC292199	Rattus norvegicus hypothetical LOC292199 (LOC292199), mRNA [NM_001144859]	37,126
0	Unknown	37,113
Sez6	Rattus norvegicus seizure related 6 homolog (mouse) (Sez6), mRNA [NM_001105754]	37,080
Ctxn1	Rattus norvegicus cortexin 1 (Ctxn1), mRNA [NM_001109935]	37,066
Plagl1	Rattus norvegicus pleiomorphic adenoma gene-like 1 (Plagl1), mRNA [NM_012760]	37,065
Cpne4	Rattus norvegicus copine IV (Cpne4), mRNA [NM_001109003]	37,064
0	Unknown	37,050
Mrpl4	Rattus norvegicus mitochondrial ribosomal protein L4 (Mrpl4), nuclear gene encoding mitochondrial protein, mRNA [NM_001108754]	37,047
Lrrc3b	PREDICTED: Rattus norvegicus leucine rich repeat containing 3B (Lrrc3b), mRNA [XM_002725036]	37,036
Mpp2	Rattus norvegicus membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) (Mpp2), mRNA [NM_053513]	37,031
RGD1562310	Rattus norvegicus similar to hypothetical protein FLJ21415 (RGD1562310), mRNA [NM_001109066]	37,006
Stk40	Rattus norvegicus serine/threonine kinase 40 (Stk40), mRNA [NM_183056]	37,003
Ppdpf	Rattus norvegicus pancreatic progenitor cell differentiation and proliferation factor homolog (zebrafish) (Ppdpf), mRNA [NM_001009316]	36,997
Eif5a	Rattus norvegicus eukaryotic translation initiation factor 5A (Eif5a), mRNA [NM_001033681]	36,992
Rtn3	Rattus norvegicus reticulon 3 (Rtn3), transcript variant 1, mRNA [NM_080909]	36,990
Tex15	Rattus norvegicus testis expressed 15 (Tex15), mRNA [NM_001106087]	36,980
Sec14l2	Rattus norvegicus SEC14-like 2 (S. cerevisiae) (Sec14l2), mRNA [NM_053801]	36,970
Zfhx4	Rattus norvegicus zinc finger homeobox 4 (Zfhx4), mRNA [NM_001191702]	36,967
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC291920), mRNA [XM_226340]	36,966
Pkig	Rattus norvegicus protein kinase inhibitor, gamma (Pkig), mRNA [NM_153469]	36,939
Txnl4b	Rattus norvegicus thioredoxin-like 4B (Txnl4b), mRNA [NM_001013891]	36,932
Cyb5b	Rattus norvegicus cytochrome b5 type B (outer mitochondrial membrane) (Cyb5b), nuclear gene encoding mitochondrial protein, mRNA [NM_030586]	36,930
0	RGD1305664 protein [Source:UniProtKB/TrEMBL;Acc:Q5EB79] [ENSRNOT00000004829]	36,910
Snai2	Rattus norvegicus snail homolog 2 (Drosophila) (Snai2), mRNA [NM_013035]	36,905
0	Q96FH0_HUMAN (Q96FH0) MEF2B protein, complete [TC593056]	36,902

Defb52	Rattus norvegicus defensin beta 52 (Defb52), mRNA [NM_001037524]	36,902
Hyou1	Rattus norvegicus hypoxia up-regulated 1 (Hyou1), transcript variant 1, mRNA [NM_138867]	36,900
Dcc	Rattus norvegicus deleted in colorectal carcinoma (Dcc), mRNA [NM_012841]	36,899
Alpl	Rattus norvegicus alkaline phosphatase, liver/bone/kidney (Alpl), mRNA [NM_013059]	36,890
Rnf185	Rattus norvegicus ring finger protein 185 (Rnf185), mRNA [NM_001024271]	36,882
Solh	Rattus norvegicus small optic lobes homolog (Drosophila) (Solh), mRNA [NM_001106990]	36,834
0	KCNA3_RAT (P15384) Potassium voltage-gated channel subfamily A member 3 (Voltage-gated potassium channel subunit Kv1.3) (RGK5) (RCK3) (KV3), complete [TC574813]	36,834
Lrpap1	Alpha-2-macroglobulin receptor-associated protein [Source:UniProtKB/Swiss-Prot;Acc:Q99068] [ENSRNOT00000012665]	36,822
Prickle3	Rattus norvegicus prickly homolog 3 (Drosophila) (Prickle3), mRNA [NM_001014110]	36,797
LOC687609	PREDICTED: Rattus norvegicus similar to ras homolog gene family, member f (LOC687609), mRNA [XM_001079372]	36,781
Mlit1	Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1 (Mlit1), mRNA [NM_001106876]	36,770
Rlbp1	Rattus norvegicus retinaldehyde binding protein 1 (Rlbp1), mRNA [NM_001106274]	36,754
Kcnma1	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M, alpha member 1 (Kcnma1), mRNA [NM_031828]	36,726
RGD1563155	Rattus norvegicus similar to RIKEN cDNA 1700054O13 (RGD1563155), mRNA [NM_001134598]	36,712
Trpm3	Rattus norvegicus transient receptor potential cation channel, subfamily M, member 3 (Trpm3), mRNA [NM_001191562]	36,689
0	slingshot homolog 1 (Drosophila) Gene [Source:MGI Symbol;Acc:MGI:2686240] [ENSRNOT00000044751]	36,682
Atg12	Rattus norvegicus ATG12 autophagy related 12 homolog (S. cerevisiae) (Atg12), mRNA [NM_001038495]	36,674
Slitrk3	Rattus norvegicus SLIT and NTRK-like family, member 3 (Slitrk3), mRNA [NM_001107683]	36,649
0	Unknown	36,645
Fnbp1	Rattus norvegicus formin binding protein 1 (Fnbp1), mRNA [NM_138914]	36,643
Nme4	Rattus norvegicus non-metastatic cells 4, protein expressed in (Nme4), nuclear gene encoding mitochondrial protein, mRNA [NM_001109478]	36,614
Cand2	Rattus norvegicus cullin-associated and neddylation-dissociated 2 (putative) (Cand2), mRNA [NM_181362]	36,606
Surf4	Rattus norvegicus surfeit 4 (Surf4), mRNA [NM_001033868]	36,594
Chrna4	Rattus norvegicus cholinergic receptor, nicotinic, alpha 4 (Chrna4), mRNA [NM_024354]	36,576
Efna2	Rattus norvegicus ephrin A2 (Efna2), mRNA [NM_001168670]	36,576
Olr651	Rattus norvegicus olfactory receptor 651 (Olr651), mRNA [NM_001000341]	36,568
Plec	Rattus norvegicus plectin (Plec), transcript variant 6, mRNA [NM_022401]	36,547
0	Unknown	36,539
Sec31a	Rattus norvegicus SEC31 homolog A (S. cerevisiae) (Sec31a), mRNA [NM_033021]	36,516
Grin3a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl-D-aspartate 3A (Grin3a), transcript variant 1, mRNA [NM_138546]	36,509
Nkx2-1	Rattus norvegicus NK2 homeobox 1 (Nkx2-1), mRNA [NM_013093]	36,477
Maml1	Rattus norvegicus mastermind like 1 (Drosophila) (Maml1), mRNA [NM_001106997]	36,473

Pcbd1	Rattus norvegicus pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (Pcbd1), mRNA [NM_001007601]	36,469
Fmod	Rattus norvegicus fibromodulin (Fmod), mRNA [NM_080698]	36,465
LOC499330	Rattus norvegicus similar to Nicotinamide riboside kinase 1 (LOC499330), mRNA [NM_001024292]	36,454
0	Similar to HLA-B associated transcript-2 isoform aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUK2] [ENSRNOT00000013546]	36,435
Hccs	Rattus norvegicus holocytochrome c synthetase (Hccs), mRNA [NM_001191732]	36,427
Capn1	Rattus norvegicus calpain 1 (Capn1), mRNA [NM_019152]	36,404
Usp9x	Rattus norvegicus ubiquitin specific peptidase 9, X-linked (Usp9x), transcript variant 1, mRNA [NM_001135893]	36,401
Mettl7a	Rattus norvegicus methyltransferase like 7A (Mettl7a), mRNA [NM_001037355]	36,400
Tead2	Rattus norvegicus TEA domain family member 2 (Tead2), mRNA [NM_001107512]	36,393
0	BP474671 Rattus norvegicus pancreatic islet Rattus norvegicus cDNA clone RBC11656 3', mRNA sequence [BP474671]	36,392
Gbf1	Rattus norvegicus golgi-specific brefeldin A resistant guanine nucleotide exchange factor 1 (Gbf1), mRNA [NM_001191634]	36,388
Cdc42ep4	Rattus norvegicus CDC42 effector protein (Rho GTPase binding) 4 (Cdc42ep4), mRNA [NM_001107063]	36,369
Nr4a3	Rattus norvegicus nuclear receptor subfamily 4, group A, member 3 (Nr4a3), transcript variant 2, mRNA [NM_017352]	36,358
Kcne1l	Rattus norvegicus potassium voltage-gated channel, Isk-related family, member 1-like (Kcne1l), mRNA [NM_001101003]	36,318
Diras2	Rattus norvegicus DIRAS family, GTP-binding RAS-like 2 (Diras2), mRNA [NM_001169578]	36,270
Rprd1b	Rattus norvegicus regulation of nuclear pre-mRNA domain containing 1B (Rprd1b), mRNA [NM_001098727]	36,269
Hipk3	Rattus norvegicus homeodomain interacting protein kinase 3 (Hipk3), mRNA [NM_031787]	36,268
RGD1562533	Rattus norvegicus similar to mKIAA0774 protein (RGD1562533), mRNA [NM_001100989]	36,251
LOC686326	PREDICTED: Rattus norvegicus similar to Interferon-alpha/beta receptor beta chain precursor (IFN-alpha-REC) (Type I interferon receptor) (IFN-R) (Interferon alpha/beta receptor-2) (LOC686326), mRNA [XM_001073550]	36,247
Htr5b	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 5B (Htr5b), mRNA [NM_024395]	36,244
RGD1559644	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBJ1] [ENSRNOT00000068281]	36,231
38961	Rattus norvegicus septin 6 (Sept6), mRNA [NM_001173429]	36,226
Prkar1b	Rattus norvegicus protein kinase, cAMP dependent regulatory, type I, beta (Prkar1b), mRNA [NM_001033679]	36,225
Npr1	Rattus norvegicus natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A) (Npr1), mRNA [NM_012613]	36,216
0	Unknown	36,205
Efhd2	Rattus norvegicus EF-hand domain family, member D2 (Efhd2), mRNA [NM_001031648]	36,198
Hmox2	Rattus norvegicus heme oxygenase (decycling) 2 (Hmox2), mRNA [NM_024387]	36,155
Med19	Rattus norvegicus mediator complex subunit 19 (Med19), mRNA [NM_001107741]	36,142
Dpp8	Rattus norvegicus dipeptidylpeptidase 8 (Dpp8), mRNA [NM_001108159]	36,141
Hip1	Rattus norvegicus huntingtin interacting protein 1 (Hip1), mRNA [NM_001100475]	36,133
RGD1311429	PREDICTED: Rattus norvegicus similar to KIAA1267 protein (RGD1311429), miscRNA [XR_006336]	36,111
Ccni	Rattus norvegicus cyclin I (Ccni), mRNA [NM_001105998]	36,109

Stat2	Rattus norvegicus signal transducer and activator of transcription 2 (Stat2), mRNA [NM_001011905]	36,082
Mink1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMP1] [ENSRNOT00000043732]	36,073
0	Unknown	36,054
Pfn1	Rattus norvegicus profilin 1 (Pfn1), mRNA [NM_022511]	36,051
Paip2b	Putative uncharacterized protein RGD1307930_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAB9] [ENSRNOT00000019399]	36,014
Shkbp1	SH3KBP1-binding protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P0C5J9] [ENSRNOT00000028348]	36,013
Pan3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTP2] [ENSRNOT00000044134]	35,975
0	Unknown	35,971
Akap12	Rattus norvegicus A kinase (PRKA) anchor protein 12 (Akap12), transcript variant 1, mRNA [NM_057103]	35,959
Aqp4	Rattus norvegicus aquaporin 4 (Aqp4), transcript variant 2, mRNA [NM_001142366]	35,939
Pole3	Rattus norvegicus polymerase (DNA directed), epsilon 3 (p17 subunit) (Pole3), mRNA [NM_001007652]	35,939
Zic1	Rattus norvegicus Zic family member 1 (odd-paired homolog, Drosophila) (Zic1), mRNA [NM_022677]	35,920
Lsm10	Rattus norvegicus LSM10, U7 small nuclear RNA associated (Lsm10), mRNA [NM_001108976]	35,899
0	Unknown	35,893
Ergic1	PREDICTED: Rattus norvegicus endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1 (Ergic1), mRNA [XM_001066818]	35,890
Trip12	Rattus norvegicus thyroid hormone receptor interactor 12 (Trip12), mRNA [NM_001031659]	35,874
Pnkd	Rattus norvegicus paroxysmal nonkinesinogenic dyskinesia (Pnkd), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA [NM_001134751]	35,829
Saps1	Rattus norvegicus SAPS domain family, member 1 (Saps1), mRNA [NM_001135849]	35,826
Adad2	PREDICTED: Rattus norvegicus similar to testis nuclear RNA-binding protein (LOC691275), mRNA [XM_002725395]	35,824
Nrcam	Rattus norvegicus neuronal cell adhesion molecule (Nrcam), mRNA [NM_013150]	35,809
Znf524	Rattus norvegicus zinc finger protein 524 (Znf524), mRNA [NM_001108905]	35,790
Pttg1ip	Rattus norvegicus pituitary tumor-transforming 1 interacting protein (Pttg1ip), mRNA [NM_001013238]	35,769
Hrnbp3	similar to ataxin 2-binding protein 1 isoform 2 (RGD1560070), mRNA [Source:RefSeq DNA;Acc:NM_001134498] [ENSRNOT00000004524]	35,769
Ccdc92	Rattus norvegicus coiled-coil domain containing 92 (Ccdc92), mRNA [NM_001083898]	35,757
Rhog	Rattus norvegicus ras homolog gene family, member G (rho G) (Rhog), mRNA [NM_001037195]	35,744
Mlit11	Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11 (Mlit11), mRNA [NM_001013912]	35,735
Pcdh21	Rattus norvegicus protocadherin 21 (Pcdh21), mRNA [NM_053572]	35,696
Nudt3	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 3 (Nudt3), mRNA [NM_001024243]	35,663
Sgsm2	Rattus norvegicus small G protein signaling modulator 2 (Sgsm2), mRNA [NM_001107020]	35,660
Mad111	Rattus norvegicus MAD1 mitotic arrest deficient-like 1 (yeast) (Mad111), mRNA [NM_001109387]	35,644
Cntn4	Rattus norvegicus contactin 4 (Cntn4), mRNA [NM_053879]	35,628

0	RVL20318 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV727767]	35,620
Dcp1a	Rattus norvegicus DCP1 decapping enzyme homolog A (<i>S. cerevisiae</i>) (Dcp1a), mRNA [NM_001191831]	35,573
Tcf7l2	Rattus norvegicus transcription factor 7-like 2 (T-cell specific, HMG-box) (Tcf7l2), mRNA [NM_001191052]	35,544
Bche	Rattus norvegicus butyrylcholinesterase (Bche), mRNA [NM_022942]	35,541
Zbtb6	Rattus norvegicus zinc finger and BTB domain containing 6 (Zbtb6), mRNA [NM_001108953]	35,540
Foxo3	Rattus norvegicus forkhead box O3 (Foxo3), mRNA [NM_001106395]	35,535
Mro	PREDICTED: Rattus norvegicus maestro (Mro), mRNA [XM_001053368]	35,500
Eil2	Eil2 protein [Source:UniProtKB/TrEMBL;Acc:Q2NL49] [ENSRNOT00000032974]	35,474
RGD1566084	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPT0] [ENSRNOT00000043197]	35,471
Fgd3	Rattus norvegicus FYVE, RhoGEF and PH domain containing 3 (Fgd3), mRNA [NM_001108409]	35,460
LOC100365546	PREDICTED: Rattus norvegicus rCG30673-like (LOC100365546), mRNA [XM_002726646]	35,448
Entpd3	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 3 (Entpd3), mRNA [NM_178106]	35,446
0	Q4SB82_TETNG (Q4SB82) Chromosome undetermined SCAF14677, whole genome shotgun sequence, partial (5%) [TC590476]	35,436
Zfp418	Rattus norvegicus zinc finger protein 418 (Zfp418), mRNA [NM_001191620]	35,433
Dhdpsl	Rattus norvegicus dihydrodipicolinate synthase-like, mitochondrial (Dhdpsl), nuclear gene encoding mitochondrial protein, mRNA [NM_001106355]	35,408
Rnf24	Rattus norvegicus ring finger protein 24 (Rnf24), mRNA [NM_001108591]	35,408
Acsl1	Rattus norvegicus acyl-CoA synthetase long-chain family member 1 (Acsl1), mRNA [NM_012820]	35,392
Meis1	Rattus norvegicus Meis homeobox 1 (Meis1), mRNA [NM_001134702]	35,384
0	Unknown	35,379
RGD1564285	PREDICTED: Rattus norvegicus similar to hypothetical protein 4930509O22 (RGD1564285), mRNA [XM_001079282]	35,378
Spert	Rattus norvegicus spermatid associated (Spert), mRNA [NM_001017506]	35,374
Gabra1	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, alpha 1 (Gabra1), mRNA [NM_183326]	35,365
0	Q62262_MOUSE (Q62262) Spermatid perinuclear RNA binding protein, partial (12%) [TC595714]	35,362
Dhcr7	Rattus norvegicus 7-dehydrocholesterol reductase (Dhcr7), mRNA [NM_022389]	35,349
Slc39a9	Rattus norvegicus solute carrier family 39 (zinc transporter), member 9 (Slc39a9), mRNA [NM_001034929]	35,322
0	Unknown	35,319
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC291290), mRNA [XM_225531]	35,297
Deadc1	Rattus norvegicus deaminase domain containing 1 (Deadc1), mRNA [NM_001115028]	35,276
0	Unknown	35,268
LOC367084	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (LOC367084), mRNA [XM_002729903]	35,250
Tmigd1	Rattus norvegicus transmembrane and immunoglobulin domain containing 1 (Tmigd1), mRNA [NM_001135029]	35,244
Kit	Rattus norvegicus v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog (Kit), mRNA [NM_022264]	35,217
RGD1305090	Rattus norvegicus similar to CD2-associated protein (RGD1305090), mRNA [NM_001162535]	35,214
RbmX	Rattus norvegicus RNA binding motif protein, X-linked (RbmX), mRNA [NM_001025663]	35,210

Naf1	Rattus norvegicus nuclear assembly factor 1 homolog (S. cerevisiae) (Naf1), mRNA [NM_001024772]	35,207
Elk1	Rattus norvegicus ELK1, member of ETS oncogene family (Elk1), mRNA [NM_001108059]	35,186
Vps39	Rattus norvegicus vacuolar protein sorting 39 homolog (S. cerevisiae) (Vps39), mRNA [NM_001012186]	35,184
Pacs1	Rattus norvegicus phosphofurin acidic cluster sorting protein 1 (Pacs1), mRNA [NM_134406]	35,174
0	PREDICTED: Rattus norvegicus similar to zinc finger and SCAN domain containing 4 (RGD1561748), mRNA [XM_001078969]	35,159
Gstt3	Rattus norvegicus glutathione S-transferase, theta 3 (Gstt3), mRNA [NM_001137643]	35,157
Mutyh	Rattus norvegicus mutY homolog (E. coli) (Mutyh), nuclear gene encoding mitochondrial protein, mRNA [NM_133316]	35,145
0	Unknown	35,134
Creg1	Rattus norvegicus cellular repressor of E1A-stimulated genes 1 (Creg1), mRNA [NM_001105966]	35,123
Sp2	Rattus norvegicus Sp2 transcription factor (Sp2), mRNA [NM_001107045]	35,120
Ntrk2	Rattus norvegicus neurotrophic tyrosine kinase, receptor, type 2 (Ntrk2), transcript variant 1, mRNA [NM_012731]	35,105
Atp2a2	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2 (Atp2a2), transcript variant 3, mRNA [NM_001110823]	35,098
Bmyc	Rattus norvegicus brain expressed myelocytomatosis oncogene (Bmyc), mRNA [NM_001013163]	35,089
RGD1565947	Rattus norvegicus similar to netrin 4 (RGD1565947), mRNA [NM_001106780]	35,084
Alg2	Rattus norvegicus asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae) (Alg2), mRNA [NM_001100710]	35,046
Olr403	Rattus norvegicus olfactory receptor 403 (Olr403), mRNA [NM_001000381]	35,034
Fbrs	PREDICTED: Rattus norvegicus fibrosin (Fbrs), mRNA [XM_002725689]	35,025
Plp1	Rattus norvegicus proteolipid protein 1 (Plp1), mRNA [NM_030990]	35,018
Pcif1	Rattus norvegicus PDX1 C-terminal inhibiting factor 1 (Pcif1), mRNA [NM_001108605]	35,012
Nmnat2	Rattus norvegicus nicotinamide nucleotide adenylyltransferase 2 (Nmnat2), mRNA [NM_001048042]	34,984
0	Unknown	34,983
Ppp2r1a	Rattus norvegicus protein phosphatase 2 (formerly 2A), regulatory subunit A, alpha isoform (Ppp2r1a), mRNA [NM_057140]	34,983
RGD1565498	Rattus norvegicus similar to Hypothetical protein LOC270802 (RGD1565498), mRNA [NM_001109287]	34,977
RGD1566264	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFF1] [ENSRNOT00000051929]	34,935
Stx17	Rattus norvegicus syntaxin 17 (Stx17), mRNA [NM_145723]	34,931
Axin2	Rattus norvegicus axin 2 (Axin2), mRNA [NM_024355]	34,917
LOC689226	Rattus norvegicus similar to ubiquitin-conjugating enzyme E2R 2 (LOC689226), mRNA [NM_001127573]	34,901
Ccdc97	Rattus norvegicus coiled-coil domain containing 97 (Ccdc97), mRNA [NM_001106235]	34,892
Htr3a	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 3a (Htr3a), mRNA [NM_024394]	34,860
0	Glutamate receptor subunit GluR1 [Source:UniProtKB/TrEMBL;Acc:Q924I5] [ENSRNOT00000003279]	34,852
0	Unknown	34,845
0	Unknown	34,844
Dnajc10	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 10 (Dnajc10), mRNA [NM_001106486]	34,829
Pkig	Rattus norvegicus protein kinase inhibitor, gamma (Pkig), mRNA [NM_153469]	34,819

Nr2f2	Rattus norvegicus nuclear receptor subfamily 2, group F, member 2 (Nr2f2), mRNA [NM_080778]	34,799
Gnao1	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O (Gnao1), mRNA [NM_017327]	34,797
Tmed4	Rattus norvegicus transmembrane emp24 protein transport domain containing 4 (Tmed4), mRNA [NM_001107238]	34,756
Unc93b1	Rattus norvegicus unc-93 homolog B1 (C. elegans) (Unc93b1), mRNA [NM_001108513]	34,755
Pou2f1	Rattus norvegicus POU class 2 homeobox 1 (Pou2f1), mRNA [NM_001100639]	34,748
Aff3	Rattus norvegicus AF4/FMR2 family, member 3 (Aff3), mRNA [NM_001191887]	34,746
Oprm1	Rattus norvegicus opioid receptor, mu 1 (Oprm1), transcript variant 1, mRNA [NM_013071]	34,731
Prkaa2	Rattus norvegicus protein kinase, AMP-activated, alpha 2 catalytic subunit (Prkaa2), mRNA [NM_023991]	34,712
Bcl9	Rattus norvegicus B-cell CLL/lymphoma 9 (Bcl9), mRNA [NM_001107703]	34,699
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAQ3] [ENSRNOT00000024129]	34,692
0	SWI/SNF complex subunit SMARCC1 [Source:RefSeq peptide;Acc:NP_001100331] [ENSRNOT00000056153]	34,687
Dbp	Rattus norvegicus D site of albumin promoter (albumin D-box) binding protein (Dbp), mRNA [NM_012543]	34,681
Cmip	Rattus norvegicus c-Maf-inducing protein (Cmip), mRNA [NM_001163273]	34,674
Atp2b2	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 2 (Atp2b2), mRNA [NM_012508]	34,670
Grik3	Rattus norvegicus glutamate receptor, ionotropic, kainate 3 (Grik3), transcript variant 2, mRNA [NM_181373]	34,661
Usp6nl	Rattus norvegicus USP6 N-terminal like (Usp6nl), mRNA [NM_001106120]	34,660
LOC294154	similar to chromosome 6 open reading frame 106 isoform a (LOC294154), mRNA [Source:RefSeq DNA;Acc:NM_001039607] [ENSRNOT00000059426]	34,655
Lrrc61	Rattus norvegicus leucine rich repeat containing 61 (Lrrc61), mRNA [NM_001109231]	34,645
Pqcp	Rattus norvegicus polyglutamine-containing protein (Pqcp), mRNA [NM_001012470]	34,638
Vps26b	Rattus norvegicus vacuolar protein sorting 26 homolog B (S. pombe) (Vps26b), mRNA [NM_001106809]	34,634
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS88] [ENSRNOT00000011803]	34,620
Supt4h1	Rattus norvegicus suppressor of Ty 4 homolog 1 (S. cerevisiae) (Supt4h1), mRNA [NM_001105828]	34,618
0	Unknown	34,605
Nkiras2	Rattus norvegicus NFkB inhibitor interacting Ras-like 2 (Nkiras2), mRNA [NM_001105839]	34,603
Mecp2	Rattus norvegicus methyl CpG binding protein 2 (Mecp2), mRNA [NM_022673]	34,598
Ube2v1	Rattus norvegicus ubiquitin-conjugating enzyme E2 variant 1 (Ube2v1), mRNA [NM_001110345]	34,558
Kcnc2	Rattus norvegicus potassium voltage gated channel, Shaw-related subfamily, member 2 (Kcnc2), transcript variant b, mRNA [NM_139217]	34,525
Mmgt1	Rattus norvegicus membrane magnesium transporter 1 (Mmgt1), mRNA [NM_001106970]	34,502
Map1lc3b	Rattus norvegicus microtubule-associated protein 1 light chain 3 beta (Map1lc3b), mRNA [NM_022867]	34,496
RGD1302996	Rattus norvegicus hypothetical protein MGC:15854 (RGD1302996), mRNA [NM_213610]	34,466
0	LOC100125377 proteinRCG58522 [Source:UniProtKB/TrEMBL;Acc:Q5HZD9] [ENSRNOT00000039741]	34,464
0	predicted pseudogene 8325 Pseudogene [Source:MGI Symbol;Acc:MGI:3644852] [ENSRNOT00000037392]	34,451
0	Unknown	34,450

Samd4a	Rattus norvegicus sterile alpha motif domain containing 4A (Samd4a), mRNA [NM_001107254]	34,445
Mmgt2	Rattus norvegicus membrane magnesium transporter 2 (Mmgt2), mRNA [NM_001013967]	34,430
0	Unknown	34,424
Spock2	Rattus norvegicus sparc/osteonectin, cwcv and kazal-like domains proteoglycan 2 (Spock2), mRNA [NM_001108533]	34,419
Rgma	Rattus norvegicus RGM domain family, member A (Rgma), mRNA [NM_001107524]	34,404
Cx3cl1	Rattus norvegicus chemokine (C-X3-C motif) ligand 1 (Cx3cl1), mRNA [NM_134455]	34,404
Ncdn	Rattus norvegicus neurochondrin (Ncdn), mRNA [NM_053543]	34,402
Pigg	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDH0] [ENSRNOT00000033973]	34,400
Pax1	Rattus norvegicus paired box 1 (Pax1), mRNA [NM_001107787]	34,376
Smtnl2	Rattus norvegicus smoothelin-like 2 (Smtnl2), mRNA [NM_001190998]	34,371
Pcbp3	Rattus norvegicus poly(rC) binding protein 3 (Pcbp3), mRNA [NM_001011945]	34,371
Prkce	Rattus norvegicus protein kinase C, epsilon (Prkce), mRNA [NM_017171]	34,368
Zfp407	PREDICTED: Rattus norvegicus zinc finger protein 407 (Zfp407), mRNA [XM_225679]	34,365
Bmp7	Rattus norvegicus bone morphogenetic protein 7 (Bmp7), mRNA [NM_001191856]	34,359
Git1	Rattus norvegicus G protein-coupled receptor kinase interacting ArfGAP 1 (Git1), mRNA [NM_031814]	34,328
0	NADH-ubiquinone oxidoreductase chain 2 [Source:UniProtKB/Swiss-Prot;Acc:P11662] [ENSRNOT00000040993]	34,313
Slc22a17	Rattus norvegicus solute carrier family 22, member 17 (Slc22a17), mRNA [NM_177421]	34,303
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC290219), mRNA [XM_224186]	34,268
Fam125b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A732] [ENSRNOT00000023172]	34,260
Mat2a	Rattus norvegicus methionine adenosyltransferase II, alpha (Mat2a), mRNA [NM_134351]	34,250
Sall2	Rattus norvegicus sal-like 2 (Drosophila) (Sall2), mRNA [NM_001107262]	34,224
Slc35d3	Rattus norvegicus solute carrier family 35, member D3 (Slc35d3), mRNA [NM_001107522]	34,205
0	Q53FN7_HUMAN (Q53FN7) BZW1 protein variant (Fragment), complete [TC583097]	34,161
Ctnna2	Rattus norvegicus catenin (cadherin associated protein), alpha 2 (Ctnna2), mRNA [NM_001106598]	34,148
Ccrk	Rattus norvegicus cell cycle related kinase (Ccrk), mRNA [NM_001025752]	34,095
Mthfs	Rattus norvegicus 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase) (Mthfs), mRNA [NM_001009349]	34,093
Exoc6b	Rattus norvegicus exocyst complex component 6B (Exoc6b), mRNA [NM_001109246]	34,080
RGD1563224	Rattus norvegicus similar to 4930438D12Rik protein (RGD1563224), mRNA [NM_001100995]	34,069
Pde4a	Rattus norvegicus phosphodiesterase 4A, cAMP-specific (phosphodiesterase E2 dunce homolog, Drosophila) (Pde4a), mRNA [NM_013101]	34,049
Btrc	Rattus norvegicus beta-transducin repeat containing (Btrc), mRNA [NM_001007148]	34,035
0	Unknown	34,034
0	Potassium voltage-gated channel subfamily D member 3 [Source:UniProtKB/Swiss-Prot;Acc:Q62897] [ENSRNOT00000051835]	34,030
Olr1128	Rattus norvegicus olfactory receptor 1128 (Olr1128), mRNA [NM_001000987]	34,027
Sptan1	Rattus norvegicus spectrin, alpha, non-erythrocytic 1 (Sptan1), mRNA [NM_171983]	34,006

Tspan31	Rattus norvegicus tetraspanin 31 (Tspan31), mRNA [NM_001008378]	34,003
Numb	Rattus norvegicus numb homolog (Drosophila) (Numb), mRNA [NM_133287]	34,000
Frmd8	Rattus norvegicus FERM domain containing 8 (Frmd8), mRNA [NM_001008348]	33,995
Sf1	Rattus norvegicus splicing factor 1 (Sf1), transcript variant 2, mRNA [NM_058210]	33,982
Haus2	PREDICTED: Rattus norvegicus HAUS augmin-like complex, subunit 2, transcript variant 1 (Haus2), mRNA [XM_001053441]	33,971
0	Unknown	33,960
Rab36	Rattus norvegicus RAB36, member RAS oncogene family (Rab36), mRNA [NM_001109589]	33,947
RGD1563216	Rattus norvegicus similar to HESB like domain containing 1 (RGD1563216), mRNA [NM_001109278]	33,936
Vamp1	Rattus norvegicus vesicle-associated membrane protein 1 (Vamp1), mRNA [NM_013090]	33,917
0	E3 ubiquitin-protein ligase HUWE1 [Source:UniProtKB/Swiss-Prot;Acc:P51593] [ENSRNOT00000068719]	33,914
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC302428), mRNA [XM_228586]	33,910
Oxsr1	Rattus norvegicus oxidative-stress responsive 1 (Oxsr1), mRNA [NM_001108194]	33,906
Lin52	Similar to CG15929-PA (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6T8] [ENSRNOT00000064426]	33,894
Tsc2	Rattus norvegicus tuberous sclerosis 2 (Tsc2), mRNA [NM_012680]	33,880
Prkaa1	Rattus norvegicus protein kinase, AMP-activated, alpha 1 catalytic subunit (Prkaa1), mRNA [NM_019142]	33,864
0	Unknown	33,864
0	MMU64033 Tera {Mus musculus} (exp=-1; wgp=0; cg=0), partial (13%) [TC591393]	33,862
Klf12	Rattus norvegicus Kruppel-like factor 12 (Klf12), mRNA [NM_001107281]	33,857
Pbx2	Rattus norvegicus pre-B-cell leukemia homeobox 2 (Pbx2), mRNA [NM_001002828]	33,842
Plcb4	Rattus norvegicus phospholipase C, beta 4 (Plcb4), mRNA [NM_024353]	33,840
Olr1694	Rattus norvegicus olfactory receptor 1694 (Olr1694), mRNA [NM_001001110]	33,838
Wdfy3	Rattus norvegicus WD repeat and FYVE domain containing 3 (Wdfy3), mRNA [NM_001170551]	33,829
Rgma	Rattus norvegicus RGM domain family, member A (Rgma), mRNA [NM_001107524]	33,819
Kirrel3	Rattus norvegicus kin of IRRE like 3 (Drosophila) (Kirrel3), mRNA [NM_001048215]	33,795
Dyrk1a	Rattus norvegicus dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A (Dyrk1a), mRNA [NM_012791]	33,734
Map4	Rattus norvegicus microtubule-associated protein 4 (Map4), mRNA [NM_001024278]	33,726
LOC100270669	Rattus norvegicus hypothetical protein LOC100270669 (LOC100270669), mRNA [NM_001144957]	33,718
0	Unknown	33,717
Gtf3c5	Rattus norvegicus general transcription factor IIIC, polypeptide 5 (Gtf3c5), mRNA [NM_001079941]	33,691
Dnmt3a	Rattus norvegicus DNA (cytosine-5-)-methyltransferase 3 alpha (Dnmt3a), transcript variant 1, mRNA [NM_001003958]	33,682
Rnf32	Rattus norvegicus ring finger protein 32 (Rnf32), mRNA [NM_001012095]	33,677
Fam70a	Rattus norvegicus family with sequence similarity 70, member A (Fam70a), mRNA [NM_182822]	33,677
Slc17a7	Rattus norvegicus solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7 (Slc17a7), mRNA [NM_053859]	33,661
Dnajc16	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 16 (Dnajc16), mRNA [NM_001014194]	33,654

Tbp	Rattus norvegicus TATA box binding protein (Tbp), mRNA [NM_001004198]	33,645
Cdc42bpa	Rattus norvegicus CDC42 binding protein kinase alpha (Cdc42bpa), mRNA [NM_053657]	33,631
Ube2v1	Rattus norvegicus ubiquitin-conjugating enzyme E2 variant 1 (Ube2v1), mRNA [NM_001110345]	33,614
Acbd3	Rattus norvegicus acyl-Coenzyme A binding domain containing 3 (Acbd3), mRNA [NM_182843]	33,594
Lsm7	Rattus norvegicus LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae) (Lsm7), mRNA [NM_001108732]	33,577
Lrrc57	Rattus norvegicus leucine rich repeat containing 57 (Lrrc57), mRNA [NM_001012354]	33,576
Pgc	Rattus norvegicus progastricsin (pepsinogen C) (Pgc), mRNA [NM_133284]	33,564
Gca	Rattus norvegicus granalcalcin (Gca), mRNA [NM_001106483]	33,559
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIJ6] [ENSRNOT00000041124]	33,553
Slc4a4	Rattus norvegicus solute carrier family 4, sodium bicarbonate cotransporter, member 4 (Slc4a4), mRNA [NM_053424]	33,535
0	PREDICTED: Rattus norvegicus WAP four-disulfide core domain 6A (Wfdc6a), mRNA [XM_001062561]	33,534
0	Unknown	33,533
0	Unknown	33,515
Hmgn2	Rattus norvegicus high mobility group nucleosomal binding domain 2 (Hmgn2), mRNA [NM_001025624]	33,500
LOC498606	Rattus norvegicus hypothetical protein LOC498606 (LOC498606), mRNA [NM_001025143]	33,496
Wdr48	Rattus norvegicus WD repeat domain 48 (Wdr48), mRNA [NM_001135895]	33,486
0	PREDICTED: Rattus norvegicus extracellular leucine-rich repeat and fibronectin type III domain containing 2 (Elfn2), miscRNA [XR_086301]	33,480
Gng8	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 8 (Gng8), mRNA [NM_139185]	33,477
0	AGENCOURT_31543064 NIH_MGC_269 Rattus norvegicus cDNA clone IMAGE:7462807 5', mRNA sequence [CV121387]	33,473
Papola	Rattus norvegicus poly (A) polymerase alpha (Papola), mRNA [NM_001108056]	33,468
Shpk	Rattus norvegicus sedoheptulokinase (Shpk), mRNA [NM_001033682]	33,468
0	Ab1-334 [Source:UniProtKB/TrEMBL;Acc:Q7TP85] [ENSRNOT00000032968]	33,462
Cetn4	Unknown	33,445
Pcsk4	Rattus norvegicus proprotein convertase subtilisin/kexin type 4 (Pcsk4), mRNA [NM_133559]	33,439
0	UI-R-FS0-crv-o-03-0-UI.s1 UI-R-FS0 Rattus norvegicus cDNA clone UI-R-FS0-crv-o-03-0-UI 3', mRNA sequence [CB328432]	33,418
Fbxo44	Rattus norvegicus TL0AAA48YG12 mRNA sequence. [FQ213337]	33,416
RGD1311575	PREDICTED: Rattus norvegicus hypothetical LOC289568 (RGD1311575), mRNA [XM_002724955]	33,400
Chrm4	Rattus norvegicus cholinergic receptor, muscarinic 4 (Chrm4), mRNA [NM_031547]	33,347
Pctk1	Rattus norvegicus PCTAIRE protein kinase 1 (Pctk1), transcript variant 1, mRNA [NM_001004132]	33,321
0	Unknown	33,287
Foxn3	Rattus norvegicus forkhead box N3 (Foxn3), mRNA [NM_001108047]	33,271
0	Unknown	33,267
0	Rattus norvegicus TL0AAA46YN14 mRNA sequence. [FQ213594]	33,265
Slc9a1	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 1 (Slc9a1), mRNA [NM_012652]	33,251

Rai14	Rattus norvegicus retinoic acid induced 14 (Rai14), mRNA [NM_001011947]	33,242
Nacc2	Rattus norvegicus nucleus accumbens associated 2, BEN and BTB (POZ) domain containing (Nacc2), mRNA [NM_001100533]	33,240
0	Unknown	33,231
LOC678880	PREDICTED: Rattus norvegicus similar to mammalian retrotransposon derived 8b (LOC678880), mRNA [XM_001053139]	33,224
Abcd2	Rattus norvegicus ATP-binding cassette, subfamily D (ALD), member 2 (Abcd2), mRNA [NM_033352]	33,199
Fiz1	Rattus norvegicus FLT3-interacting zinc finger 1 (Fiz1), mRNA [NM_001106223]	33,193
Pi16	Rattus norvegicus peptidase inhibitor 16 (Pi16), mRNA [NM_001170481]	33,146
Prr12	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6M5] [ENSRNOT00000038067]	33,141
Ptp4a1	Rattus norvegicus protein tyrosine phosphatase type IVA, member 1 (Ptp4a1), mRNA [NM_031579]	33,101
Psme4	Rattus norvegicus proteasome (prosome, macropain) activator subunit 4 (Psme4), mRNA [NM_001025140]	33,100
Tomm40b	Rattus norvegicus translocase of outer mitochondrial membrane 40 homolog B (yeast) (Tomm40b), nuclear gene encoding mitochondrial protein, mRNA [NM_001083338]	33,085
0	BT006320 At1g66470 {Arabidopsis thaliana} (exp=-1; wgp=0; cg=0), partial (5%) [TC589845]	33,077
0	Q87VI1_PSESM (Q87VI1) Rhodanese domain protein/phosphatidylserine decarboxylase, partial (3%) [TC610837]	33,056
Cdh13	Rattus norvegicus cadherin 13 (Cdh13), mRNA [NM_138889]	33,055
Bsn	Rattus norvegicus bassoon (Bsn), mRNA [NM_019146]	33,047
Ncan	Rattus norvegicus neurocan (Ncan), mRNA [NM_031653]	33,046
Cnot3	Rattus norvegicus CCR4-NOT transcription complex, subunit 3 (Cnot3), mRNA [NM_001107471]	33,045
Eps15	Rattus norvegicus epidermal growth factor receptor pathway substrate 15 (Eps15), mRNA [NM_001009424]	33,042
Lgi3	Rattus norvegicus leucine-rich repeat LGI family, member 3 (Lgi3), mRNA [NM_001107277]	33,034
Uvrag	Rattus norvegicus UV radiation resistance associated gene (Uvrag), mRNA [NM_001107536]	33,020
LOC684399	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (LOC684399), mRNA [XM_001070213]	33,006
Tmem108	PREDICTED: Rattus norvegicus transmembrane protein 108 (Tmem108), mRNA [XM_217247]	32,988
Tmco4	Rattus norvegicus transmembrane and coiled-coil domains 4 (Tmco4), mRNA [NM_001034949]	32,971
RGD1304884	Rattus norvegicus similar to RIKEN cDNA 6430548M08 (RGD1304884), mRNA [NM_001107436]	32,964
Snap25	Rattus norvegicus synaptosomal-associated protein 25 (Snap25), mRNA [NM_030991]	32,960
Pcbp2	Rattus norvegicus poly(rC) binding protein 2 (Pcbp2), mRNA [NM_001013223]	32,951
Slc35c1	Rattus norvegicus solute carrier family 35, member C1 (Slc35c1), mRNA [NM_001107748]	32,935
Rgl1	Rattus norvegicus ral guanine nucleotide dissociation stimulator,-like 1 (Rgl1), mRNA [NM_001105957]	32,921
Dazap2	Rattus norvegicus DAZ associated protein 2 (Dazap2), mRNA [NM_001013107]	32,920
Fto	Rattus norvegicus fat mass and obesity associated (Fto), mRNA [NM_001039713]	32,911
Nfyc	Rattus norvegicus nuclear transcription factor-Y gamma (Nfyc), mRNA [NM_012866]	32,908
Ttc9c	Rattus norvegicus tetratricopeptide repeat domain 9C (Ttc9c), mRNA [NM_001007693]	32,900
0	Potassium voltage-gated channel subfamily D member 3 [Source:UniProtKB/Swiss-Prot;Acc:Q62897] [ENSRNOT00000019997]	32,896

Cnnm3	Rattus norvegicus cyclin M3 (Cnnm3), mRNA [NM_001106901]	32,885
Rb1	Rattus norvegicus retinoblastoma 1 (Rb1), mRNA [NM_017045]	32,884
Tuba3b	Rattus norvegicus tubulin, alpha 3B (Tuba3b), mRNA [NM_001024336]	32,879
Palm	Rattus norvegicus paralemmin (Palm), mRNA [NM_130829]	32,865
Rimklb	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ79] [ENSRNOT00000032690]	32,863
Dvl3	Rattus norvegicus dishevelled, dsh homolog 3 (Drosophila) (Dvl3), mRNA [NM_001107081]	32,860
Rqcd1	Rattus norvegicus rcd1 (required for cell differentiation) homolog 1 (S. pombe) (Rqcd1), mRNA [NM_001009357]	32,858
Eif4e	Rattus norvegicus eukaryotic translation initiation factor 4E (Eif4e), mRNA [NM_053974]	32,841
0	Unknown	32,821
Sec14i5	Rattus norvegicus SEC14-like 5 (S. cerevisiae) (Sec14i5), mRNA [NM_001135710]	32,810
Stim1	Rattus norvegicus stromal interaction molecule 1 (Stim1), mRNA [NM_001108496]	32,805
Nop2	Rattus norvegicus NOP2 nucleolar protein homolog (yeast) (Nop2), mRNA [NM_001191785]	32,801
Zc3h10	Rattus norvegicus zinc finger CCCH type containing 10 (Zc3h10), mRNA [NM_001191090]	32,800
Prrx1	Rattus norvegicus paired related homeobox 1 (Prrx1), mRNA [NM_153821]	32,796
Tbc1d9	Rattus norvegicus TBC1 domain family, member 9 (Tbc1d9), mRNA [NM_001134539]	32,778
Napepld	Rattus norvegicus N-acyl phosphatidylethanolamine phospholipase D (Napepld), mRNA [NM_199381]	32,769
Fndc5	PREDICTED: Rattus norvegicus fibronectin type III domain containing 5 (Fndc5), mRNA [XM_002729542]	32,769
Padi2	Rattus norvegicus peptidyl arginine deiminase, type II (Padi2), mRNA [NM_017226]	32,763
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGV8] [ENSRNOT00000004410]	32,744
Slc16a3	Rattus norvegicus solute carrier family 16, member 3 (monocarboxylic acid transporter 4) (Slc16a3), mRNA [NM_030834]	32,725
LOC294154	Rattus norvegicus similar to chromosome 6 open reading frame 106 isoform a (LOC294154), mRNA [NM_001039607]	32,712
Tsc2	Rattus norvegicus tuberous sclerosis 2 (Tsc2), mRNA [NM_012680]	32,652
Vom2r15	Rattus norvegicus vomeronasal 2 receptor, 15 (Vom2r15), mRNA [NM_001099490]	32,646
Rab11b	Rattus norvegicus RAB11B, member RAS oncogene family (Rab11b), mRNA [NM_032617]	32,636
0	PREDICTED: Rattus norvegicus similar to procollagen, type VI, alpha 3 isoform 4 (RGD1564060), mRNA [XM_002727099]	32,614
Vps25	Rattus norvegicus vacuolar protein sorting 25 homolog (S. cerevisiae) (Vps25), mRNA [NM_001173451]	32,610
Tmem164	Rattus norvegicus transmembrane protein 164 (Tmem164), mRNA [NM_001109014]	32,600
0	Unknown	32,597
Hpcal1	Rattus norvegicus hippocalcin-like 1 (Hpcal1), mRNA [NM_017356]	32,591
Med15	Rattus norvegicus mediator complex subunit 15 (Med15), mRNA [NM_001108325]	32,590
Hspa12a	Rattus norvegicus heat shock protein 12A (Hspa12a), mRNA [NM_001107445]	32,590
LOC499573	Rattus norvegicus LRRGT00056 (LOC499573), mRNA [NM_001047947]	32,556
0	Unknown	32,540
Vps37b	Rattus norvegicus vacuolar protein sorting 37 homolog B (S. cerevisiae) (Vps37b), mRNA [NM_001105928]	32,536

Chst12	Rattus norvegicus carbohydrate (chondroitin 4) sulfotransferase 12 (Chst12), mRNA [NM_001037775]	32,530
Otog	Rattus norvegicus otogelin (Otog), mRNA [NM_001106262]	32,502
Cav1	Rattus norvegicus caveolin 1, caveolae protein (Cav1), transcript variant 2, mRNA [NM_133651]	32,492
Pctk3	Rattus norvegicus PCTAIRE protein kinase 3 (Pctk3), mRNA [NM_001100506]	32,492
Tsga10	Rattus norvegicus testis specific 10 (Tsga10), mRNA [NM_001030022]	32,492
Lmf1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF16] [ENSRNOT0000000246]	32,476
Mast3	Rattus norvegicus microtubule associated serine/threonine kinase 3 (Mast3), mRNA [NM_001134796]	32,468
Aldh4a1	Rattus norvegicus aldehyde dehydrogenase 4 family, member A1 (Aldh4a1), nuclear gene encoding mitochondrial protein, mRNA [NM_001134698]	32,453
Lrrn2	Rattus norvegicus leucine rich repeat neuronal 2 (Lrrn2), mRNA [NM_001177368]	32,447
Pcgf2	Rattus norvegicus polycomb group ring finger 2 (Pcgf2), mRNA [NM_001105836]	32,435
Uxt	Rattus norvegicus ubiquitously expressed transcript (Uxt), mRNA [NM_001006982]	32,433
Gab1	Rattus norvegicus GRB2-associated binding protein 1 (Gab1), mRNA [NM_001108444]	32,428
Mocs1	Rattus norvegicus molybdenum cofactor synthesis 1 (Mocs1), mRNA [NM_001106881]	32,417
Rac1	Rattus norvegicus ras-related C3 botulinum toxin substrate 1 (Rac1), mRNA [NM_134366]	32,383
0	BTB/POZ domain-containing protein KCTD1 [Source:UniProtKB/Swiss-Prot;Acc:Q8R4G8] [ENSRNOT00000061504]	32,366
Adap1	Rattus norvegicus ArfGAP with dual PH domains 1 (Adap1), mRNA [NM_133567]	32,352
Prkce	Rattus norvegicus protein kinase C, epsilon (Prkce), mRNA [NM_017171]	32,342
Ogdh	Rattus norvegicus TL0ADA19YE17 mRNA sequence. [FQ222842]	32,339
Olr791	Rattus norvegicus olfactory receptor 791 (Olr791), mRNA [NM_001000580]	32,329
Nrxn3	Rattus norvegicus neurexin 3 (Nrxn3), mRNA [NM_053817]	32,313
Ccr111	Rattus norvegicus chemokine (C-C motif) receptor 1-like 1 (Ccr111), mRNA [NM_001106872]	32,307
Ncapd2	Condensin complex subunit 1 [Source:UniProtKB/TrEMBL;Acc:D3ZHP6] [ENSRNOT00000025889]	32,306
Vac14	Rattus norvegicus Vac14 homolog (S. cerevisiae) (Vac14), mRNA [NM_177930]	32,292
Sema4a	Rattus norvegicus sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A (Sema4a), mRNA [NM_001012078]	32,291
P2rx3	Rattus norvegicus purinergic receptor P2X, ligand-gated ion channel, 3 (P2rx3), mRNA [NM_031075]	32,290
Grm2	Rattus norvegicus glutamate receptor, metabotropic 2 (Grm2), mRNA [NM_001105711]	32,285
Mgrn1	Rattus norvegicus mahogunin, ring finger 1 (Mgrn1), mRNA [NM_001013964]	32,281
Foxp4	Rattus norvegicus forkhead box P4 (Foxp4), mRNA [NM_001108788]	32,262
Gatad2b	Rattus norvegicus GATA zinc finger domain containing 2B (Gatad2b), mRNA [NM_001024888]	32,231
Rab1b	Rattus norvegicus RAB1B, member RAS oncogene family (Rab1b), mRNA [NM_001109979]	32,228
Grip1	Rattus norvegicus glutamate receptor interacting protein 1 (Grip1), mRNA [NM_032069]	32,216
Mll5	PREDICTED: Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila) (Mll5), mRNA [XM_231287]	32,216
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5I4] [ENSRNOT00000037100]	32,215

0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZM70] [ENSRNOT00000006897]	32,214
RGD1310453	Rattus norvegicus similar to hypothetical protein FLJ23451 (RGD1310453), mRNA [NM_001134463]	32,202
Pcdhga7	Rattus norvegicus protocadherin gamma subfamily A, 7 (Pcdhga7), mRNA [NM_001014773]	32,195
0	Unknown	32,184
RGD1305733	Rattus norvegicus similar to RIKEN cDNA 2900011O08 (RGD1305733), mRNA [NM_001014114]	32,178
Dkk3	Rattus norvegicus dickkopf homolog 3 (Xenopus laevis) (Dkk3), mRNA [NM_138519]	32,176
Trib1	Rattus norvegicus tribbles homolog 1 (Drosophila) (Trib1), mRNA [NM_023985]	32,159
Ccdc116	Rattus norvegicus coiled-coil domain containing 116 (Ccdc116), mRNA [NM_001024740]	32,150
Dpp8	Rattus norvegicus dipeptidylpeptidase 8 (Dpp8), mRNA [NM_001108159]	32,124
RGD1311493	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5H7] [ENSRNOT00000028407]	32,119
Ikzf5	Rattus norvegicus IKAROS family zinc finger 5 (Ikzf5), mRNA [NM_001107555]	32,095
0	Unknown	32,092
Patl1	Rattus norvegicus protein associated with topoisomerase II homolog 1 (yeast) (Patl1), mRNA [NM_001108520]	32,090
Sema4b	Rattus norvegicus sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (Sema4b), mRNA [NM_001170462]	32,087
Plekhg1	Rattus norvegicus pleckstrin homology domain containing, family G (with RhoGef domain) member 1 (Plekhg1), mRNA [NM_001190999]	32,085
Srrm1	Rattus norvegicus serine/arginine repetitive matrix 1 (Srrm1), mRNA [NM_001107986]	32,082
Prkcb	Rattus norvegicus protein kinase C, beta (Prkcb), transcript variant 1, mRNA [NM_012713]	32,074
0	Unknown	32,066
Clip2	Rattus norvegicus CAP-GLY domain containing linker protein 2 (Clip2), mRNA [NM_021997]	32,062
Tbl1x	Rattus norvegicus transducin (beta)-like 1 X-linked (Tbl1x), mRNA [NM_001106964]	32,042
Tmub2	Rattus norvegicus transmembrane and ubiquitin-like domain containing 2 (Tmub2), mRNA [NM_001031651]	32,038
Cic	Rattus norvegicus capicua homolog (Drosophila) (Cic), mRNA [NM_001107490]	32,034
Meis1	Rattus norvegicus Meis homeobox 1 (Meis1), mRNA [NM_001134702]	32,030
Spock2	Rattus norvegicus sparc/osteonectin, cwcv and kazal-like domains proteoglycan 2 (Spock2), mRNA [NM_001108533]	32,028
Shroom2	Rattus norvegicus shroom family member 2 (Shroom2), mRNA [NM_001047893]	32,027
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGM0] [ENSRNOT000000056197]	31,989
Lrrc41	Rattus norvegicus leucine rich repeat containing 41 (Lrrc41), mRNA [NM_001009710]	31,973
Sv2b	Rattus norvegicus synaptic vesicle glycoprotein 2b (Sv2b), mRNA [NM_057207]	31,966
LOC690402	Rattus norvegicus similar to Short palate, lung and nasal epithelium carcinoma-associated protein 3 homolog precursor (LOC690402), mRNA [NM_001109588]	31,964
LOC685179	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPF5] [ENSRNOT00000028244]	31,940
0	Unknown	31,925
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGV8] [ENSRNOT00000004410]	31,925

Lef1	Rattus norvegicus lymphoid enhancer binding factor 1 (Lef1), mRNA [NM_130429]	31,918
Car15	Rattus norvegicus carbonic anhydrase 15 (Car15), mRNA [NM_001105901]	31,902
LOC305806	Rattus norvegicus similar to glutaredoxin 1 (thioltransferase); glutaredoxin (LOC305806), mRNA [NM_001013993]	31,870
Slc41a2	Rattus norvegicus solute carrier family 41, member 2 (Slc41a2), mRNA [NM_001108742]	31,856
Cldn19	Rattus norvegicus claudin 19 (Cldn19), mRNA [NM_001008514]	31,855
Sobpl	Rattus norvegicus sine oculis-binding protein homolog-like (Drosophila) (Sobpl), mRNA [NM_001104640]	31,838
Col4a2	PREDICTED: Rattus norvegicus collagen, type IV, alpha 2 (Col4a2), mRNA [XM_001076134]	31,829
Sipa1l1	Rattus norvegicus signal-induced proliferation-associated 1 like 1 (Sipa1l1), mRNA [NM_139330]	31,829
0	RVL8997 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV718414]	31,821
0	Unknown	31,820
Srd5a1	Rattus norvegicus steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1) (Srd5a1), mRNA [NM_017070]	31,819
LOC683844	PREDICTED: Rattus norvegicus similar to RING finger protein 11 (NEDD4 WW domain-binding protein 2) (Sid 1669) (LOC683844), mRNA [XM_001067720]	31,817
Rims2	Rattus norvegicus regulating synaptic membrane exocytosis 2 (Rims2), transcript variant 1, mRNA [NM_053945]	31,811
0	Unknown	31,785
Dact3	Rattus norvegicus dapper, antagonist of beta-catenin, homolog 3 (Xenopus laevis) (Dact3), mRNA [NM_001191947]	31,763
LOC678741	PREDICTED: Rattus norvegicus similar to Zinc finger CCCH-type domain containing protein 6 (LOC678741), mRNA [XM_001053214]	31,760
Chrna5	Rattus norvegicus cholinergic receptor, nicotinic, alpha 5 (Chrna5), mRNA [NM_017078]	31,748
0	Rattus norvegicus similar to ubiquitin-conjugating enzyme E2 variant 1 isoform b; DNA-binding protein (LOC296390), mRNA [XM_215948]	31,735
0	Unknown	31,719
LOC682988	Rattus norvegicus similar to mediator of RNA polymerase II transcription, subunit 18 homolog (LOC682988), mRNA [NM_001115037]	31,695
0	Unknown	31,690
B3gnt2	Rattus norvegicus UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 (B3gnt2), mRNA [NM_001107240]	31,679
Zmiz2	Rattus norvegicus zinc finger, MIZ-type containing 2 (Zmiz2), mRNA [NM_001100507]	31,679
Abca1	Rattus norvegicus ATP-binding cassette, subfamily A (ABC1), member 1 (Abca1), mRNA [NM_178095]	31,677
Rprd1b	Rattus norvegicus regulation of nuclear pre-mRNA domain containing 1B (Rprd1b), mRNA [NM_001098727]	31,676
LOC689927	Rattus norvegicus similar to keratin associated protein 10-10 (LOC689927), mRNA [NM_001109555]	31,675
Dpy19l3	Rattus norvegicus dpy-19-like 3 (C. elegans) (Dpy19l3), mRNA [NM_001135835]	31,641
Pmp22	Rattus norvegicus peripheral myelin protein 22 (Pmp22), mRNA [NM_017037]	31,624
0	salt inducible kinase 2 Gene [Source:MGI Symbol;Acc:MGI:2445031] [ENSRNOT00000066893]	31,623
Nfic	Rattus norvegicus nuclear factor I/C (Nfic), mRNA [NM_031567]	31,618
Arpp21	Rattus norvegicus cAMP-regulated phosphoprotein 21 (Arpp21), transcript variant 1, mRNA [NM_001135046]	31,616
Cfl2	Rattus norvegicus cofilin 2, muscle (Cfl2), mRNA [NM_001108982]	31,613

Mybbp1a	Rattus norvegicus MYB binding protein (P160) 1a (Mybbp1a), mRNA [NM_031668]	31,611
Nfu1	Rattus norvegicus NFU1 iron-sulfur cluster scaffold homolog (<i>S. cerevisiae</i>) (Nfu1), nuclear gene encoding mitochondrial protein, mRNA [NM_001106606]	31,608
Ptp4a2	Rattus norvegicus protein tyrosine phosphatase 4a2 (Ptp4a2), mRNA [NM_053475]	31,571
Plod1	Rattus norvegicus procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1 (Plod1), mRNA [NM_053827]	31,566
RGD1560601	PREDICTED: Rattus norvegicus similar to Jumonji/ARID domain-containing protein 1C (SmcX protein) (RGD1560601), mRNA [XM_001064297]	31,560
Pcdh7	Rattus norvegicus protocadherin 7 (Pcdh7), mRNA [NM_001004087]	31,556
Pank3	Rattus norvegicus pantothenate kinase 3 (Pank3), mRNA [NM_001108272]	31,548
Nab2	Rattus norvegicus Ngfi-A binding protein 2 (Nab2), mRNA [NM_001134874]	31,534
0	Unknown	31,523
Pygm	Rattus norvegicus phosphorylase, glycogen, muscle (Pygm), mRNA [NM_012638]	31,518
Ogt	Rattus norvegicus O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) (Ogt), mRNA [NM_017107]	31,504
C1ql3	Rattus norvegicus complement component 1, q subcomponent-like 3 (C1ql3), mRNA [NM_001109403]	31,490
Tmem138	Rattus norvegicus transmembrane protein 138 (Tmem138), mRNA [NM_198777]	31,484
LOC691293	PREDICTED: Rattus norvegicus similar to reproductive homeobox on chromosome X, 7 (LOC691293), mRNA [XM_001077586]	31,479
Apoc4	Rattus norvegicus apolipoprotein C-IV (Apoc4), mRNA [NM_001109419]	31,472
Msto1	Rattus norvegicus misato homolog 1 (<i>Drosophila</i>) (Msto1), mRNA [NM_001106443]	31,463
Rara	Rattus norvegicus retinoic acid receptor, alpha (Rara), mRNA [NM_031528]	31,455
LOC301128	Rattus norvegicus similar to jumonji domain containing 2B (LOC301128), mRNA [NM_001044236]	31,447
Marcks1	Rattus norvegicus MARCKS-like 1 (Marcks1), mRNA [NM_030862]	31,432
Steap2	Rattus norvegicus six transmembrane epithelial antigen of the prostate 2 (Steap2), mRNA [NM_001107846]	31,421
Btbd2	PREDICTED: Rattus norvegicus BTB (POZ) domain containing 2 (Btbd2), mRNA [XM_576181]	31,411
Pex19	Rattus norvegicus peroxisomal biogenesis factor 19 (Pex19), transcript variant 1, mRNA [NM_001107375]	31,410
Zmym4	Rattus norvegicus zinc finger, MYM-type 4 (Zmym4), mRNA [NM_001107982]	31,408
Ankrd45	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8M5] [ENSRNOT00000003857]	31,394
Gosr2	Rattus norvegicus golgi SNAP receptor complex member 2 (Gosr2), mRNA [NM_031685]	31,381
Coro1c	Rattus norvegicus coronin, actin binding protein 1C (Coro1c), mRNA [NM_001109327]	31,368
Atf7	Rattus norvegicus activating transcription factor 7 (Atf7), mRNA [NM_001108115]	31,368
Hdac7	PREDICTED: Rattus norvegicus histone deacetylase 7 (Hdac7), mRNA [XM_001059057]	31,366
0	Unknown	31,338
Hs3st2	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 2 (Hs3st2), mRNA [NM_181370]	31,334
Sez6l	Rattus norvegicus seizure related 6 homolog (mouse)-like (Sez6l), mRNA [NM_001134538]	31,328
Spcs2	Rattus norvegicus signal peptidase complex subunit 2 homolog (<i>S. cerevisiae</i>) (Spcs2), mRNA [NM_001191601]	31,320

Elk3	Rattus norvegicus ELK3, ETS-domain protein (Elk3), mRNA [NM_001108743]	31,319
Ehd1	Rattus norvegicus EH-domain containing 1 (Ehd1), mRNA [NM_001011939]	31,311
Pla2g6	Rattus norvegicus phospholipase A2, group VI (cytosolic, calcium-independent) (Pla2g6), mRNA [NM_001005560]	31,295
0	Unknown	31,282
Lppr5	Rattus norvegicus lipid phosphate phosphatase-related protein type 5 (Lppr5), mRNA [NM_001107720]	31,260
RGD1310717	Rattus norvegicus similar to RIKEN cDNA E030002O03 (RGD1310717), mRNA [NM_001106287]	31,250
Dpysl2	Rattus norvegicus dihydropyrimidinase-like 2 (Dpysl2), mRNA [NM_001105717]	31,238
Pex19	Rattus norvegicus peroxisomal biogenesis factor 19 (Pex19), transcript variant 2, mRNA [NM_001134777]	31,218
Mknk2	Rattus norvegicus MAP kinase-interacting serine/threonine kinase 2 (Mknk2), mRNA [NM_001011985]	31,213
Slc8a2	Rattus norvegicus solute carrier family 8 (sodium/calcium exchanger), member 2 (Slc8a2), mRNA [NM_078619]	31,207
Abcg4	Rattus norvegicus ATP-binding cassette, subfamily G (WHITE), member 4 (Abcg4), mRNA [NM_001106816]	31,203
Tspan7	Rattus norvegicus tetraspanin 7 (Tspan7), mRNA [NM_001108815]	31,190
Hip1	Rattus norvegicus huntingtin interacting protein 1 (Hip1), mRNA [NM_001100475]	31,166
Slc24a3	Rattus norvegicus solute carrier family 24 (sodium/potassium/calcium exchanger), member 3 (Slc24a3), mRNA [NM_053505]	31,155
Agfg2	Rattus norvegicus ArfGAP with FG repeats 2 (Agfg2), mRNA [NM_001107131]	31,150
Necab1	Rattus norvegicus N-terminal EF-hand calcium binding protein 1 (Necab1), mRNA [NM_022302]	31,149
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWV1] [ENSRNOT00000048860]	31,131
Pnpo	Rattus norvegicus pyridoxine 5'-phosphate oxidase (Pnpo), mRNA [NM_022601]	31,116
Slc25a44	Rattus norvegicus solute carrier family 25, member 44 (Slc25a44), mRNA [NM_001108947]	31,108
RGD1309079	Rattus norvegicus similar to Ab2-095 (RGD1309079), mRNA [NM_001134472]	31,101
MGC114440	Rattus norvegicus similar to RIKEN cDNA 4930555I21 (MGC114440), mRNA [NM_001025772]	31,084
RGD1307067	Rattus norvegicus LOC362840 (RGD1307067), mRNA [NM_001173974]	31,080
Smad7	Rattus norvegicus SMAD family member 7 (Smad7), mRNA [NM_030858]	31,074
Ksr1	Rattus norvegicus kinase suppressor of ras 1 (Ksr1), mRNA [NM_001108284]	31,056
Snx19	Rattus norvegicus sorting nexin 19 (Snx19), mRNA [NM_001108131]	31,045
Tor1aip1	Rattus norvegicus torsin A interacting protein 1 (Tor1aip1), mRNA [NM_145092]	31,043
Dusp8	Rattus norvegicus dual specificity phosphatase 8 (Dusp8), mRNA [NM_001108510]	31,041
Eif4a1	Rattus norvegicus eukaryotic translation initiation factor 4A, isoform 1 (Eif4a1), mRNA [NM_199372]	31,039
Lamtor1	Rattus norvegicus RhoA activator C11orf59 homolog (Lamtor1), mRNA [NM_199102]	31,033
Slc3a1	Rattus norvegicus solute carrier family 3, member 1 (Slc3a1), mRNA [NM_017216]	31,029
Tpm3	Rattus norvegicus tropomyosin 3, gamma (Tpm3), transcript variant 2, mRNA [NM_173111]	31,021
0	Rattus norvegicus cDNA clone IMAGE:7459750. [BC099100]	31,010
Ptk2b	Rattus norvegicus PTK2B protein tyrosine kinase 2 beta (Ptk2b), mRNA [NM_017318]	31,005
0	Unknown	30,978

Caskin1	Rattus norvegicus CASK interacting protein 1 (Caskin1), mRNA [NM_080690]	30,976
Foxm1	Rattus norvegicus forkhead box M1 (Foxm1), mRNA [NM_031633]	30,975
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZW02] [ENSRNOT00000036647]	30,951
Chst11	Rattus norvegicus carbohydrate (chondroitin 4) sulfotransferase 11 (Chst11), mRNA [NM_001108079]	30,940
Tpbg	Rattus norvegicus trophoblast glycoprotein (Tpbg), mRNA [NM_031807]	30,938
Apoa5	Rattus norvegicus apolipoprotein A-V (Apoa5), mRNA [NM_080576]	30,929
Fam5b	Rattus norvegicus family with sequence similarity 5, member B (Fam5b), mRNA [NM_173115]	30,925
Add2	Rattus norvegicus adducin 2 (beta) (Add2), transcript variant 1, mRNA [NM_001109880]	30,923
Dgki	Rattus norvegicus diacylglycerol kinase, iota (Dgki), mRNA [NM_198782]	30,880
Hmg20b	Rattus norvegicus high mobility group 20 B (Hmg20b), mRNA [NM_001108731]	30,880
Clasp2	Rattus norvegicus cytoplasmic linker associated protein 2 (Clasp2), mRNA [NM_053722]	30,866
0	Q69114_EBVG (Q69114) BZLF2 (Fragment), partial (21%) [TC636606]	30,862
Nsdhl	Rattus norvegicus NAD(P) dependent steroid dehydrogenase-like (Nsdhl), mRNA [NM_001009399]	30,860
Mef2d	Rattus norvegicus myocyte enhancer factor 2D (Mef2d), mRNA [NM_030860]	30,849
0	Q8R111_MOUSE (Q8R111) Plekha6 protein (Fragment), partial (70%) [TC597504]	30,849
Zcchc24	Rattus norvegicus zinc finger, CCHC domain containing 24 (Zcchc24), mRNA [NM_001108394]	30,840
B3gat1	Rattus norvegicus beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3gat1), mRNA [NM_054003]	30,828
0	Q8IVU8_HUMAN (Q8IVU8) LOC340529 protein (Fragment), partial (54%) [TC642990]	30,795
Whsc1	Rattus norvegicus Wolf-Hirschhorn syndrome candidate 1 (human) (Whsc1), mRNA [NM_001191552]	30,794
Pppde1	Rattus norvegicus PPPDE peptidase domain containing 1 (Pppde1), mRNA [NM_001013873]	30,785
Psme3	Rattus norvegicus proteasome (prosome, macropain) activator subunit 3 (Psme3), mRNA [NM_001011894]	30,769
Gapdh-ps1	Rattus norvegicus glyceraldehyde-3-phosphate dehydrogenase, pseudogene 1 (Gapdh-ps1), non-coding RNA [NR_003722]	30,762
LOC688163	PREDICTED: Rattus norvegicus hypothetical protein LOC688163, transcript variant 2 (LOC688163), mRNA [XM_002724542]	30,760
Sema5b	Rattus norvegicus sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B (Sema5b), mRNA [NM_001107091]	30,751
Zfp278	Rattus norvegicus zinc finger protein 278, mRNA (cDNA clone IMAGE:7376163), partial cds. [BC098801]	30,744
Phc3	Rattus norvegicus polyhomeotic homolog 3 (Drosophila) (Phc3), mRNA [NM_001107662]	30,741
Ralb	Rattus norvegicus v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein) (Ralb), mRNA [NM_053821]	30,726
Uba1	Rattus norvegicus ubiquitin-like modifier activating enzyme 1 (Uba1), mRNA [NM_001014080]	30,720
C1H6orf35	Rattus norvegicus chromosome 1 open reading frame, human C6orf35 (C1H6orf35), mRNA [NM_001144860]	30,705
Sh3gl2	Endophilin-A1 [Source:UniProtKB/Swiss-Prot;Acc:O35179] [ENSRNOT00000008999]	30,700
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSV9] [ENSRNOT00000011770]	30,700
Zfp418	Rattus norvegicus zinc finger protein 418 (Zfp418), mRNA [NM_001191620]	30,691
0	Unknown	30,684

LOC680138	Unknown	30,678
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC294697), mRNA [XM_226719]	30,675
Rad21	Rattus norvegicus RAD21 homolog (S. pombe) (Rad21), mRNA [NM_001025701]	30,668
RGD1566073	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY63] [ENSRNOT00000034681]	30,644
Nfia	Rattus norvegicus nuclear factor I/A (Nfia), mRNA [NM_012988]	30,628
Sec14l1	Rattus norvegicus SEC14-like 1 (S. cerevisiae) (Sec14l1), mRNA [NM_001108309]	30,562
0	Calcium/calmodulin-dependent protein kinase type 1G [Source:UniProtKB/Swiss-Prot;Acc:Q7TNJ7] [ENSRNOT00000044161]	30,552
Rab13	Rattus norvegicus RAB, member of RAS oncogene family-like 3 (Rab13), mRNA [NM_001108319]	30,547
LOC100364190	Similar to contactin associated protein-like 2 isoform a, isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA73] [ENSRNOT00000008688]	30,538
Theg	Rattus norvegicus testicular haploid expressed gene (Theg), mRNA [NM_001013102]	30,523
Cpne6	Rattus norvegicus copine VI (Cpne6), mRNA [NM_001191113]	30,519
0	Unknown	30,509
Ptbp1	Rattus norvegicus polypyrimidine tract binding protein 1 (Ptbp1), transcript variant 2, mRNA [NM_022516]	30,506
Mypop	Rattus norvegicus Myb-related transcription factor, partner of profilin (Mypop), mRNA [NM_001109139]	30,494
Npy	Rattus norvegicus neuropeptide Y (Npy), mRNA [NM_012614]	30,480
Dpf1	Rattus norvegicus D4, zinc and double PHD fingers family 1 (Dpf1), mRNA [NM_001105729]	30,446
Glul	Rattus norvegicus glutamate-ammonia ligase (glutamine synthetase) (Glul), mRNA [NM_017073]	30,441
0	Unknown	30,425
Shc1	Rattus norvegicus SHC (Src homology 2 domain containing) transforming protein 1 (Shc1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_001164060]	30,422
0	Unknown	30,403
0	Unknown	30,400
Araf	Rattus norvegicus v-raf murine sarcoma 3611 viral oncogene homolog (Araf), transcript variant 1, mRNA [NM_022532]	30,391
RGD1310351	Rattus norvegicus similar to RIKEN cDNA 4732418C07 (RGD1310351), mRNA [NM_001106677]	30,391
Cyp2d4	Cytochrome P450 2D18 [Source:UniProtKB/Swiss-Prot;Acc:Q64680] [ENSRNOT00000011880]	30,367
Znf609	Rattus norvegicus zinc finger protein 609 (Znf609), mRNA [NM_001173371]	30,343
Rab2b	Rattus norvegicus RAB2B, member RAS oncogene family, mRNA (cDNA clone IMAGE:7316063), partial cds. [BC092636]	30,342
Prkar2b	Rattus norvegicus protein kinase, cAMP dependent regulatory, type II beta (Prkar2b), mRNA [NM_001030020]	30,329
Ppapdc2	Rattus norvegicus phosphatidic acid phosphatase type 2 domain containing 2 (Ppapdc2), mRNA [NM_001034854]	30,328
Rerg	PREDICTED: Rattus norvegicus RAS-like, estrogen-regulated, growth-inhibitor (Rerg), mRNA [XM_578417]	30,328
Foxp1	Rattus norvegicus forkhead box P1 (Foxp1), mRNA [NM_001034131]	30,309
Spag1	Rattus norvegicus sperm associated antigen 1 (Spag1), mRNA [NM_001012116]	30,304
0	RVL9282 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV718665]	30,267

Eps15l1	Rattus norvegicus epidermal growth factor receptor pathway substrate 15-like 1 (Eps15l1), mRNA [NM_001029921]	30,253
Cfl2	Rattus norvegicus cofilin 2, muscle (Cfl2), mRNA [NM_001108982]	30,245
Clcn7	Rattus norvegicus chloride channel 7 (Clcn7), mRNA [NM_031568]	30,241
Osr1	Rattus norvegicus odd-skipped related 1 (Drosophila) (Osr1), mRNA [NM_001106716]	30,227
Bcap31	Rattus norvegicus B-cell receptor-associated protein 31 (Bcap31), mRNA [NM_001004224]	30,225
Kptn	Rattus norvegicus kaptin (actin binding protein) (Kptn), mRNA [NM_001107457]	30,220
Aard	Rattus norvegicus alanine and arginine rich domain containing protein (Aard), mRNA [NM_145093]	30,211
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC290219), mRNA [XM_224186]	30,202
Zfp275	Rattus norvegicus zinc finger protein 275 (Zfp275), mRNA [NM_001106343]	30,201
Lif	Rattus norvegicus leukemia inhibitory factor (Lif), mRNA [NM_022196]	30,200
Atg4c	Rattus norvegicus ATG4 autophagy related 4 homolog C (S. cerevisiae) (Atg4c), mRNA [NM_001107948]	30,192
Nubp2	Rattus norvegicus nucleotide binding protein 2 (Nubp2), mRNA [NM_001011891]	30,170
Hdgf	Rattus norvegicus hepatoma-derived growth factor (Hdgf), mRNA [NM_053707]	30,166
Rnf38	Rattus norvegicus ring finger protein 38 (Rnf38), mRNA [NM_134467]	30,166
Tp53	Rattus norvegicus tumor protein p53 (Tp53), mRNA [NM_030989]	30,166
Slc6a11	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, GABA), member 11 (Slc6a11), mRNA [NM_024372]	30,162
RGD1307554	Rattus norvegicus similar to CG16812-PA (RGD1307554), mRNA [NM_001109664]	30,157
Ak1	Rattus norvegicus adenylate kinase 1 (Ak1), mRNA [NM_024349]	30,146
0	Unknown	30,141
Otx2	Rattus norvegicus orthodenticle homeobox 2 (Otx2), mRNA [NM_001100566]	30,120
Gps2	Rattus norvegicus G protein pathway suppressor 2 (Gps2), mRNA [NM_001017477]	30,118
Gnl3l	Rattus norvegicus guanine nucleotide binding protein-like 3 (nucleolar)-like (Gnl3l), mRNA [NM_001081958]	30,107
Kcna6	Rattus norvegicus potassium voltage gated channel, shaker related subfamily, member 6 (Kcna6), mRNA [NM_023954]	30,105
Cflar	Rattus norvegicus CASP8 and FADD-like apoptosis regulator (Cflar), transcript variant 2, mRNA [NM_057138]	30,103
Dclk2	Rattus norvegicus doublecortin-like kinase 2 (Dclk2), transcript variant 2, mRNA [NM_001009691]	30,098
Msn	Rattus norvegicus moesin (Msn), mRNA [NM_030863]	30,087
Gclc	Rattus norvegicus glutamate-cysteine ligase, catalytic subunit (Gclc), mRNA [NM_012815]	30,078
Stx1b	Rattus norvegicus syntaxin 1B (Stx1b), mRNA [NM_012700]	30,051
Pde10a	Rattus norvegicus phosphodiesterase 10A (Pde10a), mRNA [NM_022236]	30,024
Olr1l	Rattus norvegicus olfactory receptor 1-like (Olr1l), mRNA [NM_001000538]	30,013
Pkp1	Rattus norvegicus plakophilin 1 (Pkp1), mRNA [NM_001107181]	30,013
RGD1564637	PREDICTED: Rattus norvegicus similar to interferon alpha 8/6 precursor; IFNa8/6 (B6) (RGD1564637), mRNA [XM_001054291]	30,004
0	Unknown	30,000
Pdlim7	Rattus norvegicus PDZ and LIM domain 7 (Pdlim7), mRNA [NM_173125]	30,000

0	Unknown	29,997
Emx2	Rattus norvegicus empty spiracles homeobox 2 (Emx2), mRNA [NM_001109169]	29,997
Sh3kbp1	Rattus norvegicus SH3-domain kinase binding protein 1 (Sh3kbp1), mRNA [NM_053360]	29,987
RGD1561849	Rattus norvegicus similar to RIKEN cDNA 3110035E14 (RGD1561849), mRNA [NM_001109260]	29,985
Sema3c	Rattus norvegicus sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C (Sema3c), mRNA [NM_001106578]	29,972
Faim2	Rattus norvegicus Fas apoptotic inhibitory molecule 2 (Faim2), mRNA [NM_144756]	29,951
LOC685233	PREDICTED: Rattus norvegicus hypothetical protein LOC685233 (LOC685233), mRNA [XM_001062937]	29,936
Cacna1g	Rattus norvegicus calcium channel, voltage-dependent, T type, alpha 1G subunit (Cacna1g), mRNA [NM_031601]	29,934
0	Q40555_TOBAC (Q40555) Peroxidase, partial (5%) [TC599198]	29,910
RGD1560902	PREDICTED: Rattus norvegicus similar to Cofilin, non-muscle isoform (Cofilin-1) (RGD1560902), mRNA [XM_002724509]	29,907
Znf689	Rattus norvegicus zinc finger protein 689 (Znf689), mRNA [NM_173330]	29,904
0	Q5DBE9_SCHJA (Q5DBE9) SJCHGC01974 protein, partial (22%) [TC633657]	29,894
LOC290595	Rattus norvegicus hypothetical gene supported by AF152002 (LOC290595), mRNA [NM_001106063]	29,891
Camta2	Rattus norvegicus calmodulin binding transcription activator 2 (Camta2), mRNA [NM_001105801]	29,855
LOC683460	PREDICTED: Rattus norvegicus hypothetical protein LOC683460, transcript variant 2 (LOC683460), mRNA [XM_001065403]	29,837
RGD1559747	Rattus norvegicus similar to Zinc finger and SCAN domain containing protein 2 (Zinc finger protein 29) (RGD1559747), non-coding RNA [NR_027235]	29,836
Tpd52	Rattus norvegicus tumor protein D52 (Tpd52), mRNA [NM_001106421]	29,821
Rnf181	Rattus norvegicus ring finger protein 181 (Rnf181), mRNA [NM_001007647]	29,798
Tnfsf12	Rattus norvegicus tumor necrosis factor ligand superfamily member 12 (Tnfsf12), mRNA [NM_001001513]	29,793
LOC687381	PREDICTED: Rattus norvegicus similar to COX10 homolog, cytochrome c oxidase assembly protein, heme A: farnesyltransferase (LOC687381), mRNA [XM_001077717]	29,788
Galnt11	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 1 (Galnt11), mRNA [NM_001100863]	29,786
0	Rattus norvegicus TL0AEA65YB02 mRNA sequence. [FQ232612]	29,781
Nptxr	Rattus norvegicus neuronal pentraxin receptor (Nptxr), mRNA [NM_030841]	29,781
Pcyox1l	Rattus norvegicus prenylcysteine oxidase 1 like (Pcyox1l), mRNA [NM_001134542]	29,765
Cyp2s1	Rattus norvegicus cytochrome P450, family 2, subfamily s, polypeptide 1 (Cyp2s1), mRNA [NM_001107495]	29,756
Naf1	Rattus norvegicus nuclear assembly factor 1 homolog (S. cerevisiae) (Naf1), mRNA [NM_001024772]	29,752
Irak1	Rattus norvegicus interleukin-1 receptor-associated kinase 1 (Irak1), mRNA [NM_001127555]	29,743
Zfp316	Rattus norvegicus zinc finger protein 316 (Zfp316), mRNA [NM_001107121]	29,742
Fnbp1	Rattus norvegicus formin binding protein 1 (Fnbp1), mRNA [NM_138914]	29,734
H6pd	Rattus norvegicus hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) (H6pd), mRNA [NM_001106698]	29,724
Zfp469	Rattus norvegicus zinc finger protein 469 (Zfp469), mRNA [NM_001107123]	29,720
0	Rattus norvegicus similar to myosin regulatory light chain-like (LOC316125), mRNA [XM_236776]	29,697

Pex19	Rattus norvegicus peroxisomal biogenesis factor 19 (Pex19), transcript variant 1, mRNA [NM_001107375]	29,691
Snapc2	Rattus norvegicus small nuclear RNA activating complex, polypeptide 2 (Snapc2), mRNA [NM_001013121]	29,685
Pard3b	Rattus norvegicus par-3 partitioning defective 3 homolog B (C. elegans) (Pard3b), mRNA [NM_001191808]	29,680
LOC498350	Rattus norvegicus similar to testicular haploid expressed gene product isoform 2 (LOC498350), mRNA [NM_001017498]	29,669
Tbx19	Rattus norvegicus T-box 19 (Tbx19), mRNA [NM_001107193]	29,667
Runx1t1	Rattus norvegicus runt-related transcription factor 1; translocated to, 1 (cyclin D-related) (Runx1t1), mRNA [NM_001108657]	29,661
0	Unknown	29,661
Dnajc12	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 12 (Dnajc12), mRNA [NM_001034032]	29,661
Srebf2	Rattus norvegicus sterol regulatory element binding transcription factor 2 (Srebf2), mRNA [NM_001033694]	29,653
Cxcl12	Rattus norvegicus chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) (Cxcl12), transcript variant 1, mRNA [NM_022177]	29,643
Syvn1	Rattus norvegicus synovial apoptosis inhibitor 1, synoviolin (Syvn1), mRNA [NM_001100739]	29,638
0	Unknown	29,638
Ccdc127	Rattus norvegicus coiled-coil domain containing 127 (Ccdc127), mRNA [NM_198766]	29,637
Arhgef18	Rattus norvegicus rho/rac guanine nucleotide exchange factor (GEF) 18 (Arhgef18), mRNA [NM_001107115]	29,636
Arhgef7	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF7) (Arhgef7), transcript variant 1, mRNA [NM_001113521]	29,614
Nfib	Rattus norvegicus nuclear factor I/B (Nfib), mRNA [NM_031566]	29,606
Erlin1	Rattus norvegicus ER lipid raft associated 1 (Erlin1), mRNA [NM_001106353]	29,603
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC295470), mRNA [XM_227709]	29,599
Mapre1	Rattus norvegicus microtubule-associated protein, RP/EB family, member 1 (Mapre1), mRNA [NM_138509]	29,588
Scn2a1	Rattus norvegicus sodium channel, voltage-gated, type II, alpha 1 (Scn2a1), mRNA [NM_012647]	29,586
0	Unknown	29,579
Wipf1	Rattus norvegicus WAS/WASL interacting protein family, member 1 (Wipf1), mRNA [NM_057192]	29,577
Xpnpep3	Rattus norvegicus X-prolyl aminopeptidase (aminopeptidase P) 3, putative (Xpnpep3), mRNA [NM_001130582]	29,568
LOC501618	Rattus norvegicus LRRGT00179 (LOC501618), mRNA [NM_001047970]	29,564
Pcdhb20	Rattus norvegicus protocadherin beta 20 (Pcdhb20), mRNA [NM_001109395]	29,548
40057	Rattus norvegicus septin 9 (Sept9), transcript variant 2, mRNA [NM_176856]	29,548
Csnk1e	Rattus norvegicus casein kinase 1, epsilon (Csnk1e), mRNA [NM_031617]	29,545
Nedd4l	Rattus norvegicus neural precursor cell expressed, developmentally down-regulated 4-like (Nedd4l), mRNA [NM_001008300]	29,538
0	Unknown	29,515
LOC680692	PREDICTED: Rattus norvegicus similar to Golgi phosphoprotein 2 (Golgi membrane protein GP73) (LOC680692), mRNA [XM_002725221]	29,514
0	Unknown	29,508
Carhsp1	Rattus norvegicus calcium regulated heat stable protein 1 (Carhsp1), mRNA [NM_152790]	29,496
Slc31a1	Rattus norvegicus solute carrier family 31 (copper transporters), member 1 (Slc31a1), mRNA [NM_133600]	29,491
0	Unknown	29,487

0	Unknown	29,460
Dnajb9	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 9 (Dnajb9), mRNA [NM_012699]	29,454
Apc	Rattus norvegicus adenomatous polyposis coli (Apc), mRNA [NM_012499]	29,452
Rims1	Rattus norvegicus regulating synaptic membrane exocytosis 1 (Rims1), mRNA [NM_052829]	29,441
Tmem229b	Rattus norvegicus transmembrane protein 229B (Tmem229b), mRNA [NM_001109359]	29,424
Bmp4	Rattus norvegicus bone morphogenetic protein 4 (Bmp4), mRNA [NM_012827]	29,411
Mxi1	Rattus norvegicus MAX interactor 1 (Mxi1), mRNA [NM_013160]	29,409
Mtus1	Rattus norvegicus mitochondrial tumor suppressor 1 (Mtus1), nuclear gene encoding mitochondrial protein, mRNA [NM_178093]	29,398
LOC689103	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX44] [ENSRNOT00000025346]	29,391
LOC302495	Rattus norvegicus hypothetical LOC302495 (LOC302495), mRNA [NM_001106950]	29,383
Anxa11	Rattus norvegicus annexin A11 (Anxa11), mRNA [NM_001011918]	29,380
LOC500013	PREDICTED: Rattus norvegicus similar to sterile alpha motif domain containing 9-like (LOC500013), miscRNA [XR_005677]	29,365
0	Unknown	29,360
Ntsr1	Rattus norvegicus neurotensin receptor 1 (Ntsr1), mRNA [NM_001108967]	29,359
Popdc2	Rattus norvegicus popeye domain containing 2 (Popdc2), mRNA [NM_199113]	29,353
Atp2b4	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 4 (Atp2b4), mRNA [NM_001005871]	29,346
Sos1	Rattus norvegicus Son of sevenless homolog 1 (Drosophila) (Sos1), mRNA [NM_001100716]	29,322
Usp31	Rattus norvegicus ubiquitin specific peptidase 31 (Usp31), mRNA [NM_001107548]	29,303
Sigmar1	Rattus norvegicus sigma non-opioid intracellular receptor 1 (Sigmar1), mRNA [NM_030996]	29,303
Fam20b	Rattus norvegicus family with sequence similarity 20, member B (Fam20b), mRNA [NM_001107187]	29,299
Nudt7	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 7 (Nudt7), mRNA [NM_001108450]	29,279
Il10rb	Rattus norvegicus interleukin 10 receptor, beta (Il10rb), mRNA [NM_001107111]	29,257
Srpr	Rattus norvegicus signal recognition particle receptor ('docking protein') (Srpr), mRNA [NM_001034150]	29,241
Cacna1h	Rattus norvegicus calcium channel, voltage-dependent, T type, alpha 1H subunit (Cacna1h), mRNA [NM_153814]	29,237
0	PREDICTED: Rattus norvegicus similar to Myosin light chain 1 slow a (RGD1560334), mRNA [XM_228900]	29,224
Tnfrsf21	Rattus norvegicus tumor necrosis factor receptor superfamily, member 21 (Tnfrsf21), mRNA [NM_001108207]	29,215
Ccdc94	Rattus norvegicus coiled-coil domain containing 94 (Ccdc94), mRNA [NM_001109673]	29,213
Dbn1	Rattus norvegicus drebrin 1 (Dbn1), mRNA [NM_031024]	29,211
Tmem25	Rattus norvegicus transmembrane protein 25 (Tmem25), mRNA [NM_001109528]	29,205
Rab6b	Rattus norvegicus RAB6B, member RAS oncogene family (Rab6b), mRNA [NM_001108775]	29,181
RGD1565959	Rattus norvegicus RGD1565959 (RGD1565959), mRNA [NM_001106886]	29,177
Cdh6	Rattus norvegicus cadherin 6 (Cdh6), mRNA [NM_012927]	29,176
Npb	Rattus norvegicus neuropeptide B (Npb), mRNA [NM_153293]	29,171
Pip5k1c	Rattus norvegicus phosphatidylinositol-4-phosphate 5-kinase, type I, gamma (Pip5k1c), transcript variant b, mRNA [NM_001033970]	29,169

Gpr4	Rattus norvegicus G protein-coupled receptor 4 (Gpr4), mRNA [NM_001025680]	29,114
Cadm1	Rattus norvegicus cell adhesion molecule 1 (Cadm1), mRNA [NM_001012201]	29,111
Treh	Rattus norvegicus trehalase (brush-border membrane glycoprotein) (Treh), mRNA [NM_001136141]	29,108
Tnr	Rattus norvegicus tenascin R (Tnr), mRNA [NM_013045]	29,106
0	Unknown	29,105
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEV1] [ENSRNOT00000041121]	29,097
Tp53	Rattus norvegicus tumor protein p53 (Tp53), mRNA [NM_030989]	29,084
Tgfb3	Rattus norvegicus transforming growth factor, beta 3 (Tgfb3), mRNA [NM_013174]	29,081
Zcchc11	Rattus norvegicus zinc finger, CCHC domain containing 11 (Zcchc11), mRNA [NM_001107953]	29,072
Csnk1e	Rattus norvegicus casein kinase 1, epsilon (Csnk1e), mRNA [NM_031617]	29,057
0	Unknown	29,054
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGV8] [ENSRNOT00000004410]	29,045
Itpril2	Rattus norvegicus inositol 1,4,5-triphosphate receptor interacting protein-like 2 (Itpril2), mRNA [NM_001127303]	29,039
Sssca1	Rattus norvegicus Sjogren's syndrome/scleroderma autoantigen 1 homolog (human) (Sssca1), mRNA [NM_001109537]	29,035
Sap30bp	Rattus norvegicus SAP30 binding protein (Sap30bp), mRNA [NM_001108305]	29,025
Pgrmc2	Rattus norvegicus progesterone receptor membrane component 2 (Pgrmc2), mRNA [NM_001008374]	29,021
Lsm16	PREDICTED: Rattus norvegicus LSM16 homolog (EDC3, <i>S. cerevisiae</i>), transcript variant 1 (Lsm16), mRNA [XM_001072079]	29,021
Bmp15	Rattus norvegicus bone morphogenetic protein 15 (Bmp15), mRNA [NM_021670]	29,015
Plekhh1	Rattus norvegicus pleckstrin homology domain containing, family H (with MyTH4 domain) member 1 (Plekhh1), mRNA [NM_001108036]	29,014
0	NRX3A_RAT (Q07310) Neurexin-3-alpha precursor (Neurexin III-alpha), complete [TC573962]	29,002
Zdhhc3	Rattus norvegicus zinc finger, DHHC-type containing 3 (Zdhhc3), mRNA [NM_001039014]	28,990
Lgals5	Rattus norvegicus lectin, galactose binding, soluble 5 (Lgals5), mRNA [NM_012976]	28,990
0	Unknown	28,983
LOC687483	PREDICTED: Rattus norvegicus hypothetical protein LOC687483 (LOC687483), mRNA [XM_001078767]	28,981
Gabbr1	Rattus norvegicus gamma-aminobutyric acid (GABA) B receptor 1 (Gabbr1), mRNA [NM_031028]	28,977
Scarb1	Rattus norvegicus scavenger receptor class B, member 1 (Scarb1), mRNA [NM_031541]	28,963
Fam184b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTZ0] [ENSRNOT00000004923]	28,962
RGD1561962	Rattus norvegicus TL0ABA17YG18 mRNA sequence. [FQ211110]	28,957
LOC689656	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUC4] [ENSRNOT000000039322]	28,954
Kcnq3	Rattus norvegicus potassium voltage-gated channel, KQT-like subfamily, member 3 (Kcnq3), mRNA [NM_031597]	28,921
Ocel1	Rattus norvegicus occludin/ELL domain containing 1 (Ocel1), mRNA [NM_001106065]	28,917
Tex10	Rattus norvegicus testis expressed 10 (Tex10), mRNA [NM_001106653]	28,902
Ddx17	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 17 (Ddx17), mRNA [NM_001015018]	28,902
Kcnk3	Rattus norvegicus potassium channel, subfamily K, member 3 (Kcnk3), mRNA [NM_033376]	28,890

Mbtps2	Rattus norvegicus membrane-bound transcription factor peptidase, site 2 (Mbtps2), mRNA [NM_001035007]	28,878
Tgfa	Rattus norvegicus transforming growth factor alpha (Tgfa), mRNA [NM_012671]	28,856
Glis2	Rattus norvegicus GLIS family zinc finger 2 (Glis2), mRNA [NM_001106978]	28,840
Gabpb1	Rattus norvegicus GA binding protein transcription factor, beta subunit 1 (Gabpb1), mRNA [NM_001039036]	28,824
Znf579	Rattus norvegicus zinc finger protein 579 (Znf579), mRNA [NM_001126276]	28,807
Fbxo16	Rattus norvegicus F-box protein 16 (Fbxo16), mRNA [NM_001013132]	28,805
0	Rattus norvegicus similar to splicing-related factor RNPS1 (LOC312994), mRNA [XM_232688]	28,801
Otud7b	Rattus norvegicus OTU domain containing 7B (Otud7b), mRNA [NM_001107697]	28,800
Tiam1	Rattus norvegicus T-cell lymphoma invasion and metastasis 1 (Tiam1), mRNA [NM_001100558]	28,791
0	Rattus norvegicus similar to peroxiredoxin 6 (LOC287416), mRNA [XM_220591]	28,783
0	Unknown	28,783
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDV6] [ENSRNOT00000011793]	28,781
RGD1560286	Rattus norvegicus similar to DNA segment, Chr 4, ERATO Doi 22, expressed (RGD1560286), transcript variant 1, mRNA [NM_001114599]	28,772
Lims2	Rattus norvegicus LIM and senescent cell antigen like domains 2 (Lims2), mRNA [NM_001012163]	28,769
0	Unknown	28,761
Abcc1	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 1 (Abcc1), mRNA [NM_022281]	28,753
RGD1565236	Rattus norvegicus similar to transcription factor (RGD1565236), mRNA [NM_001109261]	28,750
Gbp2	Rattus norvegicus guanylate binding protein 2 (Gbp2), mRNA [NM_133624]	28,745
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJB6] [ENSRNOT00000040584]	28,739
Cryab	Rattus norvegicus crystallin, alpha B (Cryab), mRNA [NM_012935]	28,736
0	Unknown	28,723
Neurod6	Rattus norvegicus neurogenic differentiation 6 (Neurod6), mRNA [NM_001109237]	28,716
Mxd1	Rattus norvegicus max dimerization protein 1 (Mxd1), mRNA [NM_001100749]	28,712
Rmnd5a	PREDICTED: Rattus norvegicus required for meiotic nuclear division 5 homolog A (S. cerevisiae) (Rmnd5a), mRNA [XM_002726419]	28,692
Adprh1	Rattus norvegicus ADP-ribosylhydrolase like 1 (Adprh1), mRNA [NM_001013054]	28,687
Clcn4-2	Rattus norvegicus chloride channel 4-2 (Clcn4-2), mRNA [NM_022198]	28,685
Ttc7b	Rattus norvegicus tetratricopeptide repeat domain 7B (Ttc7b), mRNA [NM_001108719]	28,683
Pcyt1a	Rattus norvegicus phosphate cytidyltransferase 1, choline, alpha (Pcyt1a), mRNA [NM_078622]	28,670
Tnip1	Rattus norvegicus TNFAIP3 interacting protein 1 (Tnip1), mRNA [NM_001108826]	28,646
Dmwd	PREDICTED: Rattus norvegicus dystrophia myotonica, WD repeat containing (Dmwd), mRNA [XM_002725588]	28,638
Mxra7	PREDICTED: Rattus norvegicus matrix-remodelling associated 7 (Mxra7), mRNA [XM_002724653]	28,637
Cabin1	Rattus norvegicus calcineurin binding protein 1 (Cabin1), mRNA [NM_053575]	28,634
Mnt	Rattus norvegicus max binding protein (Mnt), mRNA [NM_001105807]	28,632
Gast	Rattus norvegicus gastrin (Gast), mRNA [NM_012849]	28,631

Shank3	Rattus norvegicus SH3 and multiple ankyrin repeat domains 3 (Shank3), mRNA [NM_021676]	28,628
0	Rattus norvegicus TL0ADA41YI21 mRNA sequence. [FQ220826]	28,626
0	Q4RY53_TETNG (Q4RY53) Chromosome 3 SCAF14978, whole genome shotgun sequence. (Fragment), partial (3%) [TC596344]	28,611
Rnf14	Rattus norvegicus ring finger protein 14 (Rnf14), mRNA [NM_001034995]	28,611
Nf1	Rattus norvegicus neurofibromin 1 (Nf1), mRNA [NM_012609]	28,598
Scamp5	Rattus norvegicus secretory carrier membrane protein 5 (Scamp5), mRNA [NM_031726]	28,598
Tp53i11	Rattus norvegicus tumor protein p53 inducible protein 11 (Tp53i11), mRNA [NM_001107749]	28,591
Rab1b	Rattus norvegicus RAB1B, member RAS oncogene family (Rab1b), mRNA [NM_001109979]	28,590
Naga	Rattus norvegicus N-acetyl galactosaminidase, alpha (Naga), mRNA [NM_001012120]	28,589
Hsf2	Rattus norvegicus heat shock transcription factor 2 (Hsf2), mRNA [NM_031694]	28,560
0	RCG55642Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AB34] [ENSRNOT00000051810]	28,550
Ndufb4	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4 (Ndufb4), nuclear gene encoding mitochondrial protein, mRNA [NM_001037338]	28,547
0	PREDICTED: Rattus norvegicus hypothetical protein LOC100364461 (LOC100364461), mRNA [XM_002726605]	28,545
Scai	PREDICTED: Rattus norvegicus similar to Protein C9orf126 homolog (LOC690538), mRNA [XM_001074743]	28,540
RGD1305572	Rattus norvegicus similar to hypothetical protein MGC30618 (RGD1305572), mRNA [NM_001024970]	28,540
Snai1	Rattus norvegicus snail homolog 1 (Drosophila) (Snai1), mRNA [NM_053805]	28,531
Casp2	Rattus norvegicus caspase 2 (Casp2), mRNA [NM_022522]	28,490
Gpr155	Rattus norvegicus G protein-coupled receptor 155 (Gpr155), mRNA [NM_001107811]	28,484
Bhlhe41	PREDICTED: Rattus norvegicus basic helix-loop-helix family, member e41 (Bhlhe41), mRNA [XM_002729454]	28,479
Atp6v0c	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V0 subunit C (Atp6v0c), mRNA [NM_130823]	28,444
Perld1	Rattus norvegicus per1-like domain containing 1 (Perld1), mRNA [NM_001143895]	28,443
0	Unknown	28,440
Wdfy3	Rattus norvegicus WD repeat and FYVE domain containing 3 (Wdfy3), mRNA [NM_001170551]	28,433
Ncoa3	PREDICTED: Rattus norvegicus nuclear receptor coactivator 3 (Ncoa3), mRNA [XM_215947]	28,428
Tstd2	Rattus norvegicus thiosulfate sulfurtransferase (rhodanese)-like domain containing 2 (Tstd2), mRNA [NM_001108663]	28,425
Gcap14	PREDICTED: Rattus norvegicus granule cell antiserum positive 14 (Gcap14), mRNA [XM_224672]	28,422
0	PREDICTED: Rattus norvegicus ubiquitination factor E4B (Ube4b), mRNA [XM_233679]	28,418
0	Unknown	28,416
Napa	Rattus norvegicus N-ethylmaleimide-sensitive factor attachment protein, alpha (Napa), mRNA [NM_080585]	28,391
Clec16a	PREDICTED: Rattus norvegicus C-type lectin domain family 16, member A (Clec16a), mRNA [XM_213209]	28,386
0	Q7TQM0_MOUSE (Q7TQM0) Fbxo10 protein (Fragment), partial (7%) [TC646406]	28,383
Sumo3	Rattus norvegicus SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae) (Sumo3), mRNA [NM_001024295]	28,382
Scara3	Rattus norvegicus scavenger receptor class A, member 3 (Scara3), mRNA [NM_001108870]	28,377

Tnk2	Rattus norvegicus tyrosine kinase, non-receptor, 2 (Tnk2), mRNA [NM_001008336]	28,377
LOC680222	LOC680222 protein [Source:UniProtKB/TrEMBL;Acc:B2GNF2] [ENSRNOT00000047256]	28,376
Dchs1	Rattus norvegicus dachsous 1 (Drosophila) (Dchs1), mRNA [NM_001107544]	28,376
Smarcd1	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1 (Smarcd1), mRNA [NM_001108752]	28,355
0	Unknown	28,334
St3gal2	Rattus norvegicus ST3 beta-galactoside alpha-2,3-sialyltransferase 2 (St3gal2), mRNA [NM_031695]	28,324
Scarf2	Rattus norvegicus scavenger receptor class F, member 2 (Scarf2), mRNA [NM_001105864]	28,322
Cnpy3	Rattus norvegicus canopy 3 homolog (zebrafish) (Cnpy3), mRNA [NM_001134710]	28,318
Xkr8	Rattus norvegicus XK, Kell blood group complex subunit-related family, member 8 (Xkr8), mRNA [NM_001012099]	28,303
Sspn	Rattus norvegicus sarcospan (Sspn), mRNA [NM_001109255]	28,293
Afmid	Rattus norvegicus arylformamidase (Afmid), mRNA [NM_001111366]	28,285
Golga1	Rattus norvegicus golgi autoantigen, golgin subfamily a, 1 (Golga1), mRNA [NM_001107842]	28,265
Cpsf2	Rattus norvegicus cleavage and polyadenylation specific factor 2 (Cpsf2), mRNA [NM_001106753]	28,260
LOC680643	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC680643), mRNA [XM_001058120]	28,236
Prl6a1	Rattus norvegicus prolactin family 6, subfamily a, member 1 (Prl6a1), mRNA [NM_022176]	28,220
Slc35f2	Rattus norvegicus solute carrier family 35, member F2 (Slc35f2), mRNA [NM_001106822]	28,185
LOC689158	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (LOC689158), mRNA [XM_002727076]	28,184
0	Solute carrier family 39 (Zinc transporter), member 10 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A517] [ENSRNOT00000016262]	28,180
S100a3	Rattus norvegicus S100 calcium binding protein A3 (S100a3), mRNA [NM_053681]	28,178
Baalc	Rattus norvegicus brain and acute leukemia, cytoplasmic (Baalc), mRNA [NM_144762]	28,173
Cyp1b1	Rattus norvegicus cytochrome P450, family 1, subfamily b, polypeptide 1 (Cyp1b1), mRNA [NM_012940]	28,167
Reep3	Rattus norvegicus receptor accessory protein 3 (Reep3), mRNA [NM_001106386]	28,165
Fkbp9	Rattus norvegicus FK506 binding protein 9 (Fkbp9), mRNA [NM_001007646]	28,163
Npas2	Rattus norvegicus neuronal PAS domain protein 2 (Npas2), mRNA [NM_001108214]	28,159
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8T0] [ENSRNOT00000041537]	28,154
Slc24a2	Rattus norvegicus solute carrier family 24 (sodium/potassium/calcium exchanger), member 2 (Slc24a2), mRNA [NM_031743]	28,153
0	Unknown	28,151
Cdc42se1	Rattus norvegicus CDC42 small effector 1 (Cdc42se1), mRNA [NM_001039044]	28,149
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCM5] [ENSRNOT00000024501]	28,139
Gan	Rattus norvegicus gigaxonin (Gan), mRNA [NM_001107434]	28,135
Iffo2	Rattus norvegicus intermediate filament family orphan 2 (Iffo2), mRNA [NM_001134703]	28,127
RGD1311575	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5F4] [ENSRNOT0000002908]	28,126

Ppp2r3a	Rattus norvegicus protein phosphatase 2, regulatory subunit B", alpha (Ppp2r3a), mRNA [NM_001012202]	28,116
Sfrs15	Rattus norvegicus splicing factor, arginine/serine-rich 15 (Sfrs15), mRNA [NM_001037347]	28,103
Cacna1c	Rattus norvegicus calcium channel, voltage-dependent, L type, alpha 1C subunit (Cacna1c), mRNA [NM_012517]	28,096
Dpf2	Rattus norvegicus D4, zinc and double PHD fingers family 2 (Dpf2), mRNA [NM_001108516]	28,091
Slc38a9	Rattus norvegicus solute carrier family 38, member 9 (Slc38a9), mRNA [NM_001035251]	28,086
Sp4	Rattus norvegicus Sp4 transcription factor (Sp4), mRNA [NM_012761]	28,073
Phyhip1	Rattus norvegicus phytanoyl-CoA 2-hydroxylase interacting protein-like (Phyhip1), mRNA [NM_001012076]	28,050
Kndc1	PREDICTED: Rattus norvegicus kinase non-catalytic C-lobe domain (KIND) containing 1 (Kndc1), mRNA [XM_002725727]	28,050
RGD1305823	Rattus norvegicus similar to RIKEN cDNA 0610037P05 (RGD1305823), mRNA [NM_001108261]	28,046
LOC685067	PREDICTED: Rattus norvegicus similar to guanylate binding protein family, member 6 (LOC685067), miscRNA [XR_006095]	28,034
0	reversion-inducing cysteine-rich protein with Kazal motifs [Source:RefSeq peptide;Acc:NP_001101424] [ENSRNOT00000020755]	28,013
Egr1	Early growth response protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P08154] [ENSRNOT00000026303]	27,990
RGD1560891	RCG36219Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACQ4] [ENSRNOT00000044006]	27,990
Capza1	Rattus norvegicus capping protein (actin filament) muscle Z-line, alpha 1 (Capza1), mRNA [NM_001109625]	27,984
Tfcp2l1	Rattus norvegicus transcription factor CP2-like 1 (Tfcp2l1), mRNA [NM_001107170]	27,966
Gnai1	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha inhibiting 1 (Gnai1), mRNA [NM_013145]	27,960
Elovl2	Rattus norvegicus elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2 (Elovl2), mRNA [NM_001109118]	27,957
RGD1561472	PREDICTED: Rattus norvegicus similar to mKIAA2005 protein (RGD1561472), miscRNA [XR_008610]	27,956
Lima1	Rattus norvegicus LIM domain and actin binding 1 (Lima1), mRNA [NM_001191615]	27,954
Kcnip1	Rattus norvegicus Kv channel-interacting protein 1 (Kcnip1), mRNA [NM_022929]	27,951
Serpinh1	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade H, member 1 (Serpinh1), mRNA [NM_017173]	27,943
LOC685438	PREDICTED: Rattus norvegicus similar to paired immunoglobulin-like type 2 receptor beta (LOC685438), mRNA [XM_001063789]	27,942
0	Rattus norvegicus TL0ADA47YE11 mRNA sequence. [FQ229630]	27,923
Ccdc6	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEK9] [ENSRNOT00000032159]	27,919
Cyb5b	Rattus norvegicus cytochrome b5 type B (outer mitochondrial membrane) (Cyb5b), nuclear gene encoding mitochondrial protein, mRNA [NM_030586]	27,916
Sorbs2	Rattus norvegicus sorbin and SH3 domain containing 2 (Sorbs2), mRNA [NM_053770]	27,916
0	Unknown	27,911
Plch1	Rattus norvegicus TL0AAA86YN08 mRNA sequence. [FQ211591]	27,894
Agtrap	Rattus norvegicus angiotensin II receptor-associated protein (Agtrap), mRNA [NM_001007654]	27,885
Sorcs1	Rattus norvegicus sortilin-related VPS10 domain containing receptor 1 (Sorcs1), mRNA [NM_001191563]	27,884
0	Rapgef1 protein [Source:UniProtKB/TrEMBL;Acc:Q5BJR9] [ENSRNOT00000030425]	27,878
Gspt1	Rattus norvegicus G1 to S phase transition 1 (Gspt1), mRNA [NM_001003978]	27,871
Wwox	Rattus norvegicus WW domain-containing oxidoreductase (Wwox), mRNA [NM_001106188]	27,861

Cul2	Rattus norvegicus cullin 2 (Cul2), mRNA [NM_001108417]	27,853
0	Q4RQ24_TETNG (Q4RQ24) Chromosome 17 SCAF15006, whole genome shotgun sequence, partial (4%) [TC582327]	27,852
0	Unknown	27,844
Dbn1	Rattus norvegicus drebrin 1 (Dbn1), mRNA [NM_031024]	27,841
Gpr158	Rattus norvegicus G protein-coupled receptor 158 (Gpr158), mRNA [NM_001170326]	27,826
Sfrp1	PREDICTED: Rattus norvegicus secreted frizzled-related protein 1 (Sfrp1), mRNA [XM_001072532]	27,826
Mrpl47	Rattus norvegicus mitochondrial ribosomal protein L47 (Mrpl47), nuclear gene encoding mitochondrial protein, mRNA [NM_001037183]	27,819
LOC305633	Rattus norvegicus similar to Antxr2 protein, mRNA (cDNA clone IMAGE:7322598). [BC088294]	27,818
Tm9sf1	Rattus norvegicus transmembrane 9 superfamily member 1 (Tm9sf1), mRNA [NM_001012155]	27,801
Angel1	Rattus norvegicus angel homolog 1 (Drosophila) (Angel1), mRNA [NM_001108717]	27,801
Ap1s2	Rattus norvegicus adaptor-related protein complex 1, sigma 2 subunit (Ap1s2), mRNA [NM_001127531]	27,798
0	AW143179 EST293475 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RGIBF04 5' end, mRNA sequence [AW143179]	27,791
Entpd5	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 5 (Entpd5), mRNA [NM_199394]	27,772
RGD1311345	Rattus norvegicus similar to CG9752-PA (RGD1311345), mRNA [NM_001173436]	27,761
0	Unknown	27,731
37865	Rattus norvegicus septin 3 (Sept3), mRNA [NM_019375]	27,723
RGD1560286	Rattus norvegicus similar to DNA segment, Chr 4, ERATO Doi 22, expressed (RGD1560286), transcript variant 1, mRNA [NM_001114599]	27,714
Appbp2	Rattus norvegicus amyloid beta precursor protein (cytoplasmic tail) binding protein 2 (Appbp2), mRNA [NM_001100969]	27,709
Sumo2	Rattus norvegicus SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae) (Sumo2), mRNA [NM_133594]	27,706
Gstm4	Rattus norvegicus glutathione S-transferase mu 4 (Gstm4), mRNA [NM_001024304]	27,705
Zzef1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG78] [ENSRNOT00000036278]	27,696
Nr2e1	Rattus norvegicus nuclear receptor subfamily 2, group E, member 1 (Nr2e1), mRNA [NM_001113197]	27,683
0	Shultzomica03080 Rat lung airway and parenchyma cDNA libraries Rattus norvegicus cDNA clone Contig2706 5', mRNA sequence [CF109829]	27,652
0	Unknown	27,650
Bruno16	Rattus norvegicus bruno-like 6, RNA binding protein (Drosophila) (Bruno16), mRNA [NM_001106827]	27,648
Api5	Rattus norvegicus apoptosis inhibitor 5 (Api5), mRNA [NM_001127379]	27,642
Zcchc2	Rattus norvegicus zinc finger, CCHC domain containing 2 (Zcchc2), mRNA [NM_001122677]	27,637
RGD1307493	PREDICTED: Rattus norvegicus similar to membrane protein expressed in epithelial-like lung adenocarcinoma (RGD1307493), mRNA [XM_001080742]	27,628
Vma21	PREDICTED: Rattus norvegicus similar to 2610030H06Rik protein (RGD1566155), mRNA [XM_001067193]	27,619
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC363486), mRNA [XM_343809]	27,617
Pld1	Rattus norvegicus phospholipase D1 (Pld1), mRNA [NM_030992]	27,603
0	Unknown	27,600

Ace	Rattus norvegicus angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 (Ace), mRNA [NM_012544]	27,596
RGD1560612	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKV2] [ENSRNOT00000041680]	27,593
RGD1308907	Rattus norvegicus similar to FLJ20689 (RGD1308907), mRNA [NM_001134559]	27,588
Nfat5	Rattus norvegicus nuclear factor of activated T-cells 5 (Nfat5), mRNA [NM_001107425]	27,567
Irs1	Rattus norvegicus insulin receptor substrate 1 (Irs1), mRNA [NM_012969]	27,554
Akap6	Rattus norvegicus A kinase (PRKA) anchor protein 6 (Akap6), mRNA [NM_022618]	27,543
0	Unknown	27,536
0	slingshot homolog 1 (Drosophila) Gene [Source:MGI Symbol;Acc:MGI:2686240] [ENSRNOT00000044751]	27,536
MGC94207	Rattus norvegicus similar to RIKEN cDNA C030006K11 (MGC94207), mRNA [NM_001007751]	27,536
Tbc1d10b	Rattus norvegicus TBC1 domain family, member 10b (Tbc1d10b), mRNA [NM_001108921]	27,535
0	Unknown	27,529
Tecr	Rattus norvegicus trans-2,3-enoyl-CoA reductase (Tecr), mRNA [NM_138549]	27,524
Bcl9	Rattus norvegicus B-cell CLL/lymphoma 9 (Bcl9), mRNA [NM_001107703]	27,520
Igfbp5	Insulin-like growth factor-binding protein 5 [Source:UniProtKB/Swiss-Prot;Acc:P24594] [ENSRNOT00000023530]	27,512
Pgap2	Rattus norvegicus post-GPI attachment to proteins 2 (Pgap2), mRNA [NM_053895]	27,509
Nfx1	Rattus norvegicus nuclear transcription factor, X-box binding 1 (Nfx1), mRNA [NM_001024784]	27,502
Hs6st1	Rattus norvegicus heparan sulfate 6-O-sulfotransferase 1 (Hs6st1), mRNA [NM_001108210]	27,492
0	Unknown	27,483
Dera	PREDICTED: Rattus norvegicus 2-deoxyribose-5-phosphate aldolase homolog (C. elegans) (Dera), miscRNA [XR_085824]	27,482
Pcdhb19	PREDICTED: Rattus norvegicus protocadherin beta 19 (Pcdhb19), mRNA [XM_001056051]	27,481
Zmat2	Rattus norvegicus zinc finger, matrin type 2 (Zmat2), mRNA [NM_001135582]	27,473
0	Sema domain, transmembrane domain (TM), and cytoplasmic domain, (Semaphorin) 6A (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAG0] [ENSRNOT00000005476]	27,470
LOC682102	Rattus norvegicus hypothetical protein LOC682102 (LOC682102), mRNA [NM_001134732]	27,467
Commd2	Rattus norvegicus COMM domain containing 2 (Commd2), mRNA [NM_001109503]	27,465
Cbll1	Rattus norvegicus Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1 (Cbll1), mRNA [NM_001108018]	27,435
0	Q6PG85_MOUSE (Q6PG85) NIPA-like domain containing 3, partial (75%) [TC618767]	27,433
Upk2	Rattus norvegicus uroplakin 2 (Upk2), mRNA [NM_001109523]	27,410
LOC679114	PREDICTED: Rattus norvegicus similar to sin3 associated polypeptide (LOC679114), mRNA [XM_001054754]	27,398
0	Unknown	27,398
0	Unknown	27,393
Fam114a1	PREDICTED: Rattus norvegicus family with sequence similarity 114, member A1 (Fam114a1), mRNA [XM_001078310]	27,393
Xkr6	Rattus norvegicus XK, Kell blood group complex subunit-related family, member 6 (Xkr6), mRNA [NM_001012042]	27,392
0	Unknown	27,387

Slmo1	Rattus norvegicus slowmo homolog 1 (Drosophila) (Slmo1), mRNA [NM_001109570]	27,386
0	Unknown	27,382
Mbd1	Rattus norvegicus methyl-CpG binding domain protein 1 (Mbd1), mRNA [NM_001011924]	27,382
Atp6v1g2	Rattus norvegicus ATPase, H+ transporting, lysosomal V1 subunit G2 (Atp6v1g2), mRNA [NM_212490]	27,382
0	Rattus norvegicus cDNA clone IMAGE:7374474. [BC091254]	27,381
Tk1	Rattus norvegicus thymidine kinase 1, soluble (Tk1), mRNA [NM_052800]	27,358
RGD1561065	Rattus norvegicus similar to mKIAA1111 protein (RGD1561065), mRNA [NM_001108253]	27,358
Gnat1	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha transducing 1 (Gnat1), mRNA [NM_001108780]	27,357
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPG8] [ENSRNOT00000068110]	27,355
Fam189b	Rattus norvegicus family with sequence similarity 189, member B (Fam189b), mRNA [NM_001107690]	27,351
Smg7	Rattus norvegicus Smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans) (Smg7), mRNA [NM_001191549]	27,349
Tspan9	Rattus norvegicus tetraspanin 9 (Tspan9), mRNA [NM_001107890]	27,335
Tmem150a	Rattus norvegicus transmembrane protein 150A (Tmem150a), mRNA [NM_139107]	27,329
0	Unknown	27,328
Prr5	Rattus norvegicus proline rich 5 (renal) (Prr5), mRNA [NM_001012121]	27,322
Slc22a23	Rattus norvegicus solute carrier family 22, member 23 (Slc22a23), mRNA [NM_022624]	27,318
Caln1	Rattus norvegicus calneuron 1 (Caln1), mRNA [NM_001077201]	27,298
Arl15	PREDICTED: Rattus norvegicus ADP-ribosylation factor-like 15 (Arl15), mRNA [XM_001069431]	27,295
Chrn1	Rattus norvegicus cholinergic receptor, nicotinic, beta 1 (muscle) (Chrn1), mRNA [NM_012528]	27,294
Bcl2l12	Rattus norvegicus BCL2-like 12 (proline rich) (Bcl2l12), mRNA [NM_001108480]	27,284
Zfp180	Rattus norvegicus zinc finger protein 180 (Zfp180), mRNA [NM_144757]	27,283
C2cd2	Rattus norvegicus C2 calcium-dependent domain containing 2 (C2cd2), mRNA [NM_199391]	27,280
MGC94282	Rattus norvegicus similar to 5930416119Rik protein (MGC94282), transcript variant 1, non-coding RNA [NR_027366]	27,280
Mrpl38	Rattus norvegicus mitochondrial ribosomal protein L38 (Mrpl38), nuclear gene encoding mitochondrial protein, mRNA [NM_001009369]	27,277
Lrrc20	Rattus norvegicus leucine rich repeat containing 20 (Lrrc20), mRNA [NM_001109171]	27,261
Tmem109	Rattus norvegicus transmembrane protein 109 (Tmem109), mRNA [NM_001007736]	27,257
Rdh2	Rattus norvegicus retinol dehydrogenase 2 (Rdh2), mRNA [NM_199208]	27,253
Cdh13	Rattus norvegicus cadherin 13 (Cdh13), mRNA [NM_138889]	27,253
Terc	Rattus norvegicus telomerase RNA component (Terc), telomerase RNA [NR_001567]	27,250
Tor3a	Rattus norvegicus torsin family 3, member A (Tor3a), mRNA [NM_001009683]	27,249
Iqgap3	Rattus norvegicus IQ motif containing GTPase activating protein 3 (Iqgap3), mRNA [NM_001191709]	27,241
Dnajc27	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 27 (Dnajc27), mRNA [NM_206845]	27,238
Ankrd13b	PREDICTED: Rattus norvegicus similar to novel protein (RGD1564005), mRNA [XM_001080794]	27,232
Stx7	Rattus norvegicus syntaxin 7 (Stx7), mRNA [NM_021869]	27,202

Lphn1	Rattus norvegicus latrophilin 1 (Lphn1), mRNA [NM_022962]	27,184
Lingo1	Rattus norvegicus leucine rich repeat and Ig domain containing 1 (Lingo1), mRNA [NM_001100722]	27,182
Crkl	Rattus norvegicus v-crkl sarcoma virus CT10 oncogene homolog (avian)-like (Crkl), mRNA [NM_001008284]	27,145
Fbxl16	Rattus norvegicus F-box and leucine-rich repeat protein 16 (Fbxl16), mRNA [NM_001009504]	27,143
Narf	Rattus norvegicus nuclear prelamin A recognition factor (Narf), mRNA [NM_001039207]	27,143
Morn4	Rattus norvegicus MORN repeat containing 4 (Morn4), mRNA [NM_001024975]	27,141
Olfm3	Rattus norvegicus olfactomedin 3 (Olfm3), mRNA [NM_145777]	27,141
0	Unknown	27,137
Map4k4	Rattus norvegicus mitogen-activated protein kinase kinase kinase 4 (Map4k4), mRNA [NM_001106904]	27,125
LOC688613	Rattus norvegicus hypothetical protein LOC688613 (LOC688613), mRNA [NM_001134845]	27,121
Ubap1	Rattus norvegicus ubiquitin-associated protein 1 (Ubap1), mRNA [NM_001012190]	27,095
Ppp1r7	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 7 (Ppp1r7), mRNA [NM_001009825]	27,095
Tmem231	PREDICTED: Rattus norvegicus similar to predicted CDS, putative protein of bilateral origin (4J193) (RGD1306153), mRNA [XM_001075665]	27,092
Pdzd11	Rattus norvegicus PDZ domain containing 11 (Pdzd11), mRNA [NM_001106945]	27,091
Cacnb3	Rattus norvegicus calcium channel, voltage-dependent, beta 3 subunit (Cacnb3), mRNA [NM_012828]	27,089
Frs2	Rattus norvegicus fibroblast growth factor receptor substrate 2 (Frs2), mRNA [NM_001108097]	27,086
0	Unknown	27,083
Chst1	Rattus norvegicus carbohydrate (keratan sulfate Gal-6) sulfotransferase 1 (Chst1), mRNA [NM_001011955]	27,083
Igsf11	Rattus norvegicus immunoglobulin superfamily, member 11 (Igsf11), mRNA [NM_001013120]	27,082
0	Unknown	27,078
Htr2a	5-hydroxytryptamine receptor 2A [Source:UniProtKB/Swiss-Prot;Acc:P14842] [ENSRNOT00000013408]	27,064
Shisa6	Rattus norvegicus shisa homolog 6 (Xenopus laevis) (Shisa6), mRNA [NM_001191922]	27,043
Cables2	Q8R3U5_MOUSE (Q8R3U5) Cables2-pending protein (Fragment), partial (97%) [TC630600]	27,041
0	UI-R-FS1-cqi-l-02-0-UI.s1 UI-R-FS1 Rattus norvegicus cDNA clone UI-R-FS1-cqi-l-02-0-UI 3', mRNA sequence [BU760441]	27,029
Pctk1	Rattus norvegicus PCTAIRE protein kinase 1 (Pctk1), transcript variant 2, mRNA [NM_031077]	27,013
0	Unknown	27,001
0	Unknown	26,992
Lyrn2	Rattus norvegicus LYR motif containing 2 (Lyrn2), mRNA [NM_001126096]	26,989
Actb	Rattus norvegicus actin, beta (Actb), mRNA [NM_031144]	26,989
0	Unknown	26,984
Gpr155	Rattus norvegicus G protein-coupled receptor 155 (Gpr155), mRNA [NM_001107811]	26,983
0	Unknown	26,976
0	PREDICTED: Rattus norvegicus similar to putative pheromone receptor (Go-VN5) (LOC682835), mRNA [XM_001063328]	26,974
Helt	PREDICTED: Rattus norvegicus HES/HEY-like transcription factor (Helt), miscRNA [XR_085643]	26,968

Fam113a	Rattus norvegicus family with sequence similarity 113, member A (Fam113a), mRNA [NM_001012348]	26,964
RGD1309543	Rattus norvegicus similar to 2310014H01Rik protein (RGD1309543), mRNA [NM_001126287]	26,961
Cxxc4	Rattus norvegicus CXXC finger 4 (Cxxc4), mRNA [NM_053342]	26,955
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9G6] [ENSRNOT00000034001]	26,929
Psen1	Rattus norvegicus presenilin 1 (Psen1), mRNA [NM_019163]	26,926
Sorl1	Rattus norvegicus sortilin-related receptor, LDLR class A repeats-containing (Sorl1), mRNA [NM_053519]	26,925
Sez6l2	Rattus norvegicus seizure related 6 homolog (mouse)-like 2 (Sez6l2), mRNA [NM_001107550]	26,918
Olr213	Rattus norvegicus olfactory receptor 213 (Olr213), mRNA [NM_001000735]	26,909
0	Unknown	26,904
0	Unknown	26,903
Zfp35	Rattus norvegicus zinc finger protein 35 (Zfp35), mRNA [NM_001013141]	26,900
RGD1564614	Rattus norvegicus similar to complement factor H-related protein (RGD1564614), mRNA [NM_001134792]	26,895
Vamp1	Rattus norvegicus vesicle-associated membrane protein 1 (Vamp1), mRNA [NM_013090]	26,889
0	Protein prune homolog 2 [Source:UniProtKB/Swiss-Prot;Acc:Q5BJR4] [ENSRNOT00000054794]	26,864
Cd59	Rattus norvegicus CD59 molecule, complement regulatory protein (Cd59), mRNA [NM_012925]	26,847
0	Rattus norvegicus similar to RIKEN cDNA 1700001F09 (LOC316932), mRNA [XM_229506]	26,846
Runx1	Rattus norvegicus runt-related transcription factor 1 (Runx1), mRNA [NM_017325]	26,833
Ggps1	Rattus norvegicus geranylgeranyl diphosphate synthase 1 (Ggps1), mRNA [NM_001007626]	26,810
Acat3	Rattus norvegicus acetyl-Coenzyme A acetyltransferase 3 (Acat3), mRNA [NM_001006995]	26,808
Mbp	Rattus norvegicus myelin basic protein (Mbp), transcript variant 1, mRNA [NM_001025291]	26,807
Stt3a	Rattus norvegicus STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae) (Stt3a), mRNA [NM_001134749]	26,804
Prdm2	Rattus norvegicus PR domain containing 2, with ZNF domain (Prdm2), mRNA [NM_001077648]	26,801
Ddx41	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (Ddx41), mRNA [NM_001108046]	26,797
Tspan9	Rattus norvegicus tetraspanin 9 (Tspan9), mRNA [NM_001107890]	26,792
0	Rattus norvegicus TL0AEA59YG01 mRNA sequence. [FQ234328]	26,788
Hivep3	Rattus norvegicus human immunodeficiency virus type I enhancer binding protein 3 (Hivep3), mRNA [NM_001107972]	26,788
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6V0] [ENSRNOT00000044039]	26,775
Rabgef1	Rattus norvegicus RAB guanine nucleotide exchange factor (GEF) 1 (Rabgef1), mRNA [NM_001108333]	26,760
Rbp2	Rattus norvegicus retinol binding protein 2, cellular (Rbp2), mRNA [NM_012640]	26,739
Rai2	Rattus norvegicus retinoic acid induced 2 (Rai2), mRNA [NM_001109316]	26,739
Slc36a1	Rattus norvegicus solute carrier family 36 (proton/amino acid symporter), member 1 (Slc36a1), mRNA [NM_130415]	26,738
Srm	Rattus norvegicus spermidine synthase (Srm), mRNA [NM_053464]	26,732
Ostm1	Rattus norvegicus osteopetrosis associated transmembrane protein 1 (Ostm1), mRNA [NM_001029925]	26,726
Aldh6a1	Rattus norvegicus aldehyde dehydrogenase 6 family, member A1 (Aldh6a1), nuclear gene encoding mitochondrial protein, mRNA [NM_031057]	26,726

Ccna2	Rattus norvegicus cyclin A2 (Ccna2), mRNA [NM_053702]	26,725
0	Unknown	26,719
LOC503175	PREDICTED: Rattus norvegicus similar to Protein KIAA0280 (LOC503175), mRNA [XM_578699]	26,719
Pex19	Rattus norvegicus peroxisomal biogenesis factor 19 (Pex19), transcript variant 1, mRNA [NM_001107375]	26,714
Mapt	Rattus norvegicus microtubule-associated protein tau (Mapt), mRNA [NM_017212]	26,709
0	RCG44206Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR35] [ENSRNOT00000006790]	26,705
Hist1h2bb	Histone H2B [Source:UniProtKB/TrEMBL;Acc:D3ZWM5] [ENSRNOT00000030198]	26,699
Akr1b8	Rattus norvegicus aldo-keto reductase family 1, member B8 (Akr1b8), mRNA [NM_173136]	26,695
Tac2	Rattus norvegicus tachykinin 2 (Tac2), mRNA [NM_019162]	26,694
RGD1563020	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRK8] [ENSRNOT00000016940]	26,691
Tmed2	Rattus norvegicus transmembrane emp24 domain trafficking protein 2 (Tmed2), mRNA [NM_031722]	26,661
Trpt1	Rattus norvegicus tRNA phosphotransferase 1 (Trpt1), mRNA [NM_001106331]	26,640
Mdc1	Rattus norvegicus mediator of DNA damage checkpoint 1 (Mdc1), mRNA [NM_001166275]	26,635
Tjp1	Rattus norvegicus tight junction protein 1 (Tjp1), mRNA [NM_001106266]	26,622
Zdhhc19	Rattus norvegicus zinc finger, DHHC-type containing 19 (Zdhhc19), mRNA [NM_001039259]	26,622
0	Unknown	26,616
Zer1	Rattus norvegicus zer-1 homolog (C. elegans) (Zer1), mRNA [NM_001100707]	26,613
Sdc4	Rattus norvegicus syndecan 4 (Sdc4), mRNA [NM_012649]	26,613
Nudt12	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 12 (Nudt12), mRNA [NM_001109010]	26,590
Pla2g2d	Rattus norvegicus phospholipase A2, group IID (Pla2g2d), mRNA [NM_001013428]	26,585
Mtmr1	Rattus norvegicus myotubularin related protein 1 (Mtmr1), mRNA [NM_001191725]	26,581
Adam10	PREDICTED: Rattus norvegicus ADAM metallopeptidase domain 10 (Adam10), mRNA [XM_001054737]	26,576
0	AGENCOURT_27851764 NIH_MGC_252 Rattus norvegicus cDNA clone IMAGE:7309973 5', mRNA sequence [CO400749]	26,561
Irf5	Rattus norvegicus interferon regulatory factor 5 (Irf5), mRNA [NM_001106586]	26,554
Samd12	Rattus norvegicus sterile alpha motif domain containing 12 (Samd12), mRNA [NM_001130562]	26,552
Snx19	Rattus norvegicus sorting nexin 19 (Snx19), mRNA [NM_001108131]	26,552
0	Unknown	26,544
Mxi1	Rattus norvegicus MAX interactor 1 (Mxi1), mRNA [NM_013160]	26,537
0	Unknown	26,520
Pip4k2b	Rattus norvegicus phosphatidylinositol-5-phosphate 4-kinase, type II, beta (Pip4k2b), mRNA [NM_053550]	26,519
RGD1566380	Rattus norvegicus hypothetical gene supported by NM_017187 (RGD1566380), mRNA [NM_001134593]	26,518
Gnpda1	Rattus norvegicus glucosamine-6-phosphate deaminase 1 (Gnpda1), mRNA [NM_001134995]	26,517
Lin7a	Rattus norvegicus lin-7 homolog a (C. elegans) (Lin7a), mRNA [NM_053514]	26,508
Cyp21a1	Rattus norvegicus cytochrome P450, family 21, subfamily a, polypeptide 1 (Cyp21a1), mRNA [NM_057101]	26,506

0	Unknown	26,502
0	Unknown	26,492
Arhgef9	Rattus norvegicus Cdc42 guanine nucleotide exchange factor (GEF) 9 (Arhgef9), mRNA [NM_023957]	26,491
Rab6a	Rattus norvegicus RAB6A, member RAS oncogene family (Rab6a), mRNA [NM_053366]	26,485
Tbc1d22b	Rattus norvegicus TBC1 domain family, member 22B (Tbc1d22b), mRNA [NM_001025059]	26,484
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1564980), mRNA [XM_001053982]	26,482
Trim32	Rattus norvegicus tripartite motif-containing 32 (Trim32), mRNA [NM_001012103]	26,472
Ppp1r9b	Rattus norvegicus protein phosphatase 1, regulatory subunit 9B (Ppp1r9b), mRNA [NM_053474]	26,463
LOC690000	PREDICTED: Rattus norvegicus similar to CG3740-PA, transcript variant 2 (LOC690000), mRNA [XM_001073988]	26,452
0	Unknown	26,447
Filip1	Rattus norvegicus filamin A interacting protein 1 (Filip1), mRNA [NM_145682]	26,442
Dpp9	PREDICTED: Rattus norvegicus dipeptidyl peptidase 9 (Dpp9), mRNA [XM_001061312]	26,441
Gstt3	Rattus norvegicus glutathione S-transferase, theta 3 (Gstt3), mRNA [NM_001137643]	26,441
Plekhn3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSZ9] [ENSRNOT00000032782]	26,435
Dysf	Rattus norvegicus dysferlin (Dysf), mRNA [NM_001107869]	26,425
Nucb1	Rattus norvegicus nucleobindin 1 (Nucb1), mRNA [NM_053463]	26,418
Zmynd11	Rattus norvegicus zinc finger, MYND domain containing 11 (Zmynd11), transcript variant 3, mRNA [NM_203369]	26,414
0	Unknown	26,410
Fyn	Rattus norvegicus FYN oncogene related to SRC, FGR, YES (Fyn), mRNA [NM_012755]	26,409
Nptn	Rattus norvegicus neuroplastin (Nptn), mRNA [NM_019380]	26,408
LOC686539	Rattus norvegicus similar to immunoglobulin superfamily containing leucine-rich repeat (LOC686539), mRNA [NM_001126300]	26,400
Ptprj	Rattus norvegicus protein tyrosine phosphatase, receptor type, J (Ptprj), mRNA [NM_017269]	26,399
Phf17	Rattus norvegicus PHD finger protein 17 (Phf17), mRNA [NM_001107670]	26,395
0	LRRGT00080 (LOC501233), mRNA [Source:RefSeq DNA;Acc:NM_001047967] [ENSRNOT00000066771]	26,370
Sp1	Rattus norvegicus Sp1 transcription factor (Sp1), mRNA [NM_012655]	26,370
Speg	Rattus norvegicus SPEG complex locus (Speg), transcript variant 1, mRNA [NM_001108802]	26,366
Gtpbp3	Rattus norvegicus GTP binding protein 3 (Gtpbp3), nuclear gene encoding mitochondrial protein, mRNA [NM_001011919]	26,356
Strada	Rattus norvegicus STE20-related kinase adaptor alpha (Strada), mRNA [NM_182820]	26,356
Trhde	Rattus norvegicus thyrotropin-releasing hormone degrading enzyme (Trhde), mRNA [NM_001108991]	26,349
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACD7] [ENSRNOT00000014120]	26,336
Dio3	Rattus norvegicus deiodinase, iodothyronine, type III (Dio3), mRNA [NM_017210]	26,333
LOC690326	Rattus norvegicus hypothetical protein LOC690326 (LOC690326), mRNA [NM_001109578]	26,326
Hpca	Rattus norvegicus hippocalcin (Hpca), mRNA [NM_017122]	26,322
Impad1	Rattus norvegicus inositol monophosphatase domain containing 1 (Impad1), mRNA [NM_001008772]	26,318

Caly	Rattus norvegicus calcyon neuron-specific vesicular protein (Caly), transcript variant 1, mRNA [NM_138915]	26,317
Dlgap3	Rattus norvegicus discs, large (Drosophila) homolog-associated protein 3 (Dlgap3), mRNA [NM_173138]	26,314
RGD1566319	Rattus norvegicus similar to Sestrin 2 (Hi95) (RGD1566319), mRNA [NM_001109358]	26,311
Ddn	Rattus norvegicus dendrin (Ddn), mRNA [NM_030993]	26,299
0	Unknown	26,296
Ceacam19	Rattus norvegicus carcinoembryonic antigen-related cell adhesion molecule 19 (Ceacam19), mRNA [NM_001198970]	26,294
Ercc6	Rattus norvegicus excision repair cross-complementing rodent repair deficiency, complementation group 6 (Ercc6), mRNA [NM_001107296]	26,287
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD04] [ENSRNOT00000045918]	26,281
Mblac2	Rattus norvegicus metallo-beta-lactamase domain containing 2 (Mblac2), mRNA [NM_001108934]	26,278
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1B0] [ENSRNOT00000045263]	26,269
Zfp385d	Rattus norvegicus zinc finger protein 385D (Zfp385d), mRNA [NM_001013992]	26,263
Kcnc1	Rattus norvegicus potassium voltage gated channel, Shaw-related subfamily, member 1 (Kcnc1), mRNA [NM_012856]	26,257
0	Unknown	26,246
Fbxl7	Rattus norvegicus F-box and leucine-rich repeat protein 7 (Fbxl7), mRNA [NM_001108545]	26,242
RGD1566112	Rattus norvegicus similar to pleckstrin homology domain protein (5V327) (RGD1566112), mRNA [NM_001127566]	26,234
Elmod1	Rattus norvegicus ELMO/CED-12 domain containing 1 (Elmod1), mRNA [NM_001191579]	26,232
Ankrd61	Rattus norvegicus ankyrin repeat domain 61 (Ankrd61), mRNA [NM_001044297]	26,231
0	D42151S6 Rattus norvegicus gene for Ad4BP, complete cds and exon 7 [D42156]	26,228
Atg13	Rattus norvegicus TL0ACA31YH23 mRNA sequence. [FQ217242]	26,223
Myo5a	Rattus norvegicus myosin VA (Myo5a), mRNA [NM_022178]	26,220
Stac2	Rattus norvegicus SH3 and cysteine rich domain 2 (Stac2), mRNA [NM_001108834]	26,220
Med1	Rattus norvegicus mediator complex subunit 1 (Med1), mRNA [NM_001134361]	26,219
Stx1a	Rattus norvegicus syntaxin 1A (brain) (Stx1a), mRNA [NM_053788]	26,204
Cpne4	Rattus norvegicus copine IV (Cpne4), mRNA [NM_001109003]	26,197
LOC688390	Rattus norvegicus hypothetical protein LOC688390 (LOC688390), mRNA [NM_001109496]	26,196
LOC688272	PREDICTED: Rattus norvegicus similar to ring finger protein 157 (LOC688272), mRNA [XM_001081716]	26,193
Wnk2	Rattus norvegicus WNK lysine deficient protein kinase 2 (Wnk2), mRNA [NM_001191556]	26,186
Slc1a4	Rattus norvegicus solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 (Slc1a4), mRNA [NM_198763]	26,176
Hist1h2bl	Rattus norvegicus histone cluster 1, H2bl (Hist1h2bl), mRNA [NM_022647]	26,175
RGD1563049	Rattus norvegicus RGD1563049 (RGD1563049), mRNA [NM_001134521]	26,168
Pank1	Rattus norvegicus pantothenate kinase 1 (Pank1), mRNA [NM_001106373]	26,158
Gprc5b	Rattus norvegicus G protein-coupled receptor, family C, group 5, member B (Gprc5b), mRNA [NM_001106304]	26,155
Sft2d3	Rattus norvegicus SFT2 domain containing 3 (Sft2d3), mRNA [NM_001108887]	26,150
Sox9	PREDICTED: Rattus norvegicus SRY-box containing gene 9 (Sox9), mRNA [XM_343981]	26,130

Jazf1	PREDICTED: Rattus norvegicus JAZF zinc finger 1 (Jazf1), mRNA [XM_002726367]	26,125
Klf12	Rattus norvegicus Kruppel-like factor 12 (Klf12), mRNA [NM_001107281]	26,111
S1pr2	Rattus norvegicus sphingosine-1-phosphate receptor 2 (S1pr2), mRNA [NM_017192]	26,111
LOC305052	PREDICTED: Rattus norvegicus hypothetical LOC305052 (LOC305052), miscRNA [XR_008366]	26,109
Ptbp1	Rattus norvegicus polypyrimidine tract binding protein 1 (Ptbp1), transcript variant 2, mRNA [NM_022516]	26,104
RGD1309707	Rattus norvegicus similar to RIKEN cDNA 4930431E10 (RGD1309707), mRNA [NM_001109598]	26,091
RGD1309651	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSX5] [ENSRNOT00000023721]	26,089
Faah	Rattus norvegicus fatty acid amide hydrolase (Faah), mRNA [NM_024132]	26,086
Socs7	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4T8] [ENSRNOT00000014943]	26,083
0	Unknown	26,080
RGD1305464	Rattus norvegicus similar to human chromosome 15 open reading frame 39 (RGD1305464), mRNA [NM_001025011]	26,068
Acvr1b	Rattus norvegicus activin A receptor, type IB (Acvr1b), mRNA [NM_199230]	26,066
Sfrp2	Rattus norvegicus secreted frizzled-related protein 2 (Sfrp2), mRNA [NM_001100700]	26,055
LOC100362040	Rattus norvegicus Ac2-143-like (LOC100362040), mRNA [NM_001177817]	26,045
Rcan2	Rattus norvegicus regulator of calcineurin 2 (Rcan2), mRNA [NM_175578]	26,042
Stam2	Rattus norvegicus signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 (Stam2), mRNA [NM_001012085]	26,038
L1cam	Rattus norvegicus L1 cell adhesion molecule (L1cam), mRNA [NM_017345]	26,036
Bcas1	Rattus norvegicus breast carcinoma amplified sequence 1 (Bcas1), mRNA [NM_145670]	26,034
Timp4	Rattus norvegicus tissue inhibitor of metalloproteinase 4 (Timp4), mRNA [NM_001109393]	26,033
Spry4	Rattus norvegicus sprouty homolog 4 (Drosophila) (Spry4), mRNA [NM_001106150]	26,029
Atp10b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4W5] [ENSRNOT00000029118]	26,027
0	Unknown	26,026
Gira1	Rattus norvegicus glycine receptor, alpha 1 (Gira1), mRNA [NM_013133]	26,019
Ptgfrn	Rattus norvegicus prostaglandin F2 receptor negative regulator (Ptgfrn), mRNA [NM_019243]	26,015
Ncor1	PREDICTED: Rattus norvegicus nuclear receptor co-repressor 1 (Ncor1), mRNA [XM_001077495]	26,007
Pla2g4f	PREDICTED: Rattus norvegicus phospholipase A2, group IVF (Pla2g4f), mRNA [XM_001080057]	26,003
Klhl25	Rattus norvegicus kelch-like 25 (Drosophila) (Klhl25), mRNA [NM_001039006]	25,996
0	TGF-beta activated kinase 1/MAP3K7 binding protein 3 Gene [Source:MGI Symbol;Acc:MGI:1913974] [ENSRNOT00000004854]	25,995
Taf9b	Rattus norvegicus TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf9b), mRNA [NM_133615]	25,994
0	MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3, partial (5%) [TC620956]	25,992
Ccnc	Rattus norvegicus cyclin C (Ccnc), mRNA [NM_001100472]	25,991
Opcml	Rattus norvegicus opioid binding protein/cell adhesion molecule-like (Opcml), mRNA [NM_053848]	25,979
Herv-frd	Rattus norvegicus HERV-FRD provirus ancestral Env polyprotein (Herv-frd), mRNA [NM_001024239]	25,973
Epb41l3	Rattus norvegicus erythrocyte membrane protein band 4.1-like 3 (Epb41l3), mRNA [NM_053927]	25,971

Des	Rattus norvegicus desmin (Des), mRNA [NM_022531]	25,950
0	Unknown	25,947
Hk1	Rattus norvegicus hexokinase 1 (Hk1), nuclear gene encoding mitochondrial protein, mRNA [NM_012734]	25,945
0	AF4/FMR2 family, member 2 Gene [Source:MGI Symbol;Acc:MGI:1202294] [ENSRNOT00000065537]	25,944
Fasn	Rattus norvegicus fatty acid synthase (Fasn), mRNA [NM_017332]	25,938
Uhrf1bp1l	Rattus norvegicus UHRF1 binding protein 1-like (Uhrf1bp1l), mRNA [NM_001108753]	25,937
Pik3r2	Rattus norvegicus phosphoinositide-3-kinase, regulatory subunit 2 (beta) (Pik3r2), mRNA [NM_022185]	25,928
Sema3f	Rattus norvegicus sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3 F (Sema3f), mRNA [NM_001108185]	25,927
Snn	Rattus norvegicus stannin (Snn), mRNA [NM_001034083]	25,927
Chrna7	Rattus norvegicus cholinergic receptor, nicotinic, alpha 7 (Chrna7), mRNA [NM_012832]	25,922
Znf536	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJS6] [ENSRNOT00000018956]	25,920
RGD1562342	Rattus norvegicus similar to RIKEN cDNA 1110012D08 (RGD1562342), mRNA [NM_001109281]	25,917
Lrrtm4	Rattus norvegicus leucine rich repeat transmembrane neuronal 4 (Lrrtm4), mRNA [NM_001134746]	25,916
Ubxn4	Rattus norvegicus UBX domain protein 4 (Ubxn4), mRNA [NM_001012025]	25,912
RGD1308319	PREDICTED: Rattus norvegicus similar to KIAA0802 protein (RGD1308319), partial mRNA [XM_002727262]	25,912
Ccdc8	Rattus norvegicus coiled-coil domain containing 8 (Ccdc8), mRNA [NM_001009533]	25,904
Shisa5	Rattus norvegicus shisa homolog 5 (Xenopus laevis) (Shisa5), mRNA [NM_001006989]	25,903
0	Unknown	25,897
0	Unknown	25,896
Cd68	Rattus norvegicus Cd68 molecule (Cd68), mRNA [NM_001031638]	25,874
Rab22a	Rattus norvegicus RAB22A, member RAS oncogene family (Rab22a), mRNA [NM_001108966]	25,865
LOC691352	Rattus norvegicus similar to Robo-1 (LOC691352), mRNA [NM_001109638]	25,864
Col4a5	PREDICTED: Rattus norvegicus collagen, type IV, alpha 5 (Col4a5), mRNA [XM_001055156]	25,845
Slc12a3	Rattus norvegicus solute carrier family 12 (sodium/chloride transporters), member 3 (Slc12a3), mRNA [NM_019345]	25,842
0	Unknown	25,840
Vom2r65	Rattus norvegicus vomeronasal 2 receptor, 65 (Vom2r65), mRNA [NM_001099654]	25,834
Arl6ip5	Rattus norvegicus ADP-ribosylation-like factor 6 interacting protein 5 (Arl6ip5), mRNA [NM_023972]	25,825
RGD1564719	Rattus norvegicus similar to RIKEN cDNA C230052I12 (RGD1564719), mRNA [NM_001109335]	25,819
0	Rattus norvegicus hypothetical LOC100125371, mRNA (cDNA clone MGC:105701 IMAGE:7309421), complete cds. [BC089106]	25,818
Rabif	Rattus norvegicus RAB interacting factor (Rabif), mRNA [NM_001007678]	25,817
Sidt2	Rattus norvegicus SID1 transmembrane family, member 2 (Sidt2), mRNA [NM_001108142]	25,814
Col4a1	Rattus norvegicus collagen, type IV, alpha 1 (Col4a1), mRNA [NM_001135009]	25,796
Slc12a7	Rattus norvegicus solute carrier family 12 (potassium/chloride transporters), member 7 (Slc12a7), mRNA [NM_001013144]	25,795
Vat1	Rattus norvegicus vesicle amine transport protein 1 homolog (T californica) (Vat1), mRNA [NM_001033683]	25,793

Akap12	Rattus norvegicus A kinase (PRKA) anchor protein 12 (Akap12), transcript variant 1, mRNA [NM_057103]	25,788
0	Rattus norvegicus TL0AEA10Y110 mRNA sequence. [FQ228098]	25,784
Pkm2	Rattus norvegicus clone UI-R-FJ0-cpu-c-03-0-UI unknown mRNA. [AY724474]	25,775
Xbp1	Rattus norvegicus X-box binding protein 1 (Xbp1), mRNA [NM_001004210]	25,774
Rfesd	Rattus norvegicus Rieske (Fe-S) domain containing (Rfesd), mRNA [NM_001108540]	25,767
Rnf5	Rattus norvegicus ring finger protein 5 (Rnf5), mRNA [NM_001109025]	25,765
Chsy1	Rattus norvegicus chondroitin sulfate synthase 1 (Chsy1), mRNA [NM_001106268]	25,764
Gpr123	Rattus norvegicus G protein-coupled receptor 123 (Gpr123), mRNA [NM_001107559]	25,759
Dctd	Rattus norvegicus dCMP deaminase (Dctd), transcript variant 1, mRNA [NM_001013882]	25,758
Lsamp	Rattus norvegicus limbic system-associated membrane protein (Lsamp), mRNA [NM_017242]	25,751
Gsk3b	Rattus norvegicus glycogen synthase kinase 3 beta (Gsk3b), mRNA [NM_032080]	25,742
Myef2	Rattus norvegicus myelin expression factor 2 (Myef2), mRNA [NM_001013205]	25,742
Tcerg1l	Rattus norvegicus transcription elongation regulator 1-like (Tcerg1l), mRNA [NM_001130077]	25,742
Cs	Rattus norvegicus citrate synthase (Cs), nuclear gene encoding mitochondrial protein, mRNA [NM_130755]	25,734
Rnf4	Rattus norvegicus ring finger protein 4 (Rnf4), mRNA [NM_019182]	25,730
Stom	Rattus norvegicus stomatin (Stom), mRNA [NM_001011965]	25,729
0	Unknown	25,726
Grip1	Rattus norvegicus glutamate receptor interacting protein isoform c4-7 (GRIP1) mRNA, complete cds; alternatively spliced. [AY437398]	25,724
Ccl22	Rattus norvegicus chemokine (C-C motif) ligand 22 (Ccl22), mRNA [NM_057203]	25,722
Celsr3	Rattus norvegicus cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila) (Celsr3), mRNA [NM_031320]	25,720
0	Unknown	25,717
Tnpo2	Rattus norvegicus transportin 2 (Tnpo2), mRNA [NM_001107166]	25,713
Usp46	Rattus norvegicus ubiquitin specific peptidase 46 (Usp46), mRNA [NM_001191596]	25,712
Smn1	Rattus norvegicus survival motor neuron 1 (Smn1), mRNA [NM_022509]	25,711
Myst2	Rattus norvegicus MYST histone acetyltransferase 2 (Myst2), mRNA [NM_181081]	25,698
Tsc22d4	Rattus norvegicus TSC22 domain family, member 4 (Tsc22d4), mRNA [NM_001044284]	25,671
Uck1	Rattus norvegicus uridine-cytidine kinase 1 (Uck1), mRNA [NM_001107831]	25,666
Atp1a3	Rattus norvegicus ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide (Atp1a3), mRNA [NM_012506]	25,665
Ppt1	Rattus norvegicus palmitoyl-protein thioesterase 1 (Ppt1), mRNA [NM_022502]	25,665
Ppif	Rattus norvegicus peptidylprolyl isomerase F (Ppif), nuclear gene encoding mitochondrial protein, mRNA [NM_172243]	25,647
0	Rattus norvegicus similar to RIKEN cDNA 1200007D18 (LOC287177), mRNA [XM_213272]	25,645
Pias3	Rattus norvegicus protein inhibitor of activated STAT, 3 (Pias3), mRNA [NM_031784]	25,635
Nova2	PREDICTED: Rattus norvegicus neuro-oncological ventral antigen 2 (Nova2), mRNA [XM_001075246]	25,629
Ggct	Rattus norvegicus gamma-glutamyl cyclotransferase (Ggct), mRNA [NM_001108629]	25,627

Tgm3	Rattus norvegicus transglutaminase 3, E polypeptide (Tgm3), mRNA [NM_001108959]	25,624
Ptpdc1	Rattus norvegicus protein tyrosine phosphatase domain containing 1 (Ptpdc1), mRNA [NM_001106104]	25,617
RGD1564058	Rattus norvegicus similar to cDNA sequence BC056474 (RGD1564058), mRNA [NM_001105947]	25,615
Man2b2	Rattus norvegicus mannosidase, alpha, class 2B, member 2 (Man2b2), mRNA [NM_001134971]	25,609
Rassf3	Rattus norvegicus Ras association (RalGDS/AF-6) domain family member 3 (Rassf3), mRNA [NM_001108747]	25,608
0	Unknown	25,601
Slc16a7	Rattus norvegicus solute carrier family 16, member 7 (monocarboxylic acid transporter 2) (Slc16a7), mRNA [NM_017302]	25,598
Dpysl4	Rattus norvegicus dihydropyrimidinase-like 4 (Dpysl4), mRNA [NM_012933]	25,595
0	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L29 (P23) (RGD1563134), mRNA [XM_001080572]	25,586
Strada	Rattus norvegicus STE20-related kinase adaptor alpha (Strada), mRNA [NM_182820]	25,583
She	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSK0] [ENSRNOT00000028225]	25,578
Lifr	Rattus norvegicus leukemia inhibitory factor receptor alpha (Lifr), mRNA [NM_031048]	25,577
Plg	Rattus norvegicus plasminogen (Plg), mRNA [NM_053491]	25,571
Prosc	Rattus norvegicus TL0ACA41YL07 mRNA sequence. [FQ216663]	25,560
RGD1306446	Rattus norvegicus similar to RIKEN cDNA 9930032O22 gene (RGD1306446), mRNA [NM_001008554]	25,556
Rhbdd2	Rattus norvegicus rhomboid domain containing 2 (Rhbdd2), mRNA [NM_001191827]	25,536
Hist1h2bc	Rattus norvegicus histone cluster 1, H2bc (Hist1h2bc), mRNA [NM_001109400]	25,525
Rasd2	Rattus norvegicus RASD family, member 2 (Rasd2), mRNA [NM_133568]	25,520
RGD1306151	Rattus norvegicus similar to hypothetical protein DKFZp761D0211 (RGD1306151), mRNA [NM_001108652]	25,507
0	Unknown	25,507
Zic2	Rattus norvegicus Zic family member 2 (odd-paired homolog, Drosophila) (Zic2), mRNA [NM_001108392]	25,499
Arhgap17	Rattus norvegicus Rho GTPase activating protein 17 (Arhgap17), mRNA [NM_022244]	25,477
0	Unknown	25,475
Snap91	Rattus norvegicus synaptosomal-associated protein 91 (Snap91), mRNA [NM_031728]	25,472
0	Unknown	25,461
Susd4	Rattus norvegicus sushi domain containing 4 (Susd4), mRNA [NM_001105982]	25,451
Elavl1	Rattus norvegicus ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) (Elavl1), mRNA [NM_001108848]	25,447
Slc25a34	Rattus norvegicus solute carrier family 25, member 34 (Slc25a34), mRNA [NM_001013936]	25,431
Cenpm	Rattus norvegicus centromere protein M (Cenpm), mRNA [NM_001130504]	25,417
Cdc42bpb	Rattus norvegicus CDC42 binding protein kinase beta (DMPK-like) (Cdc42bpb), mRNA [NM_053620]	25,410
Tbkbp1	Rattus norvegicus TBK1 binding protein 1 (Tbkbp1), mRNA [NM_172021]	25,408
Rffl	Rattus norvegicus ring finger and FYVE like domain containing protein (Rffl), mRNA [NM_001004068]	25,401
0	RNA binding motif protein 27 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE52] [ENSRNOT00000060199]	25,395

Fut9	Rattus norvegicus fucosyltransferase 9 (alpha (1,3) fucosyltransferase) (Fut9), mRNA [NM_053465]	25,387
Ece1	Endothelin-converting enzyme 1 [Source:UniProtKB/Swiss-Prot;Acc:P42893] [ENSRNOT00000067616]	25,384
Trpc2	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 2, mRNA (cDNA clone MGC:189397 IMAGE:9091675), complete cds. [BC169022]	25,382
Taok2	Rattus norvegicus TAO kinase 2 (Taok2), mRNA [NM_022702]	25,379
Phldb1	Rattus norvegicus pleckstrin homology-like domain, family B, member 1 (Phldb1), mRNA [NM_001191578]	25,379
Pcdhga1	Rattus norvegicus protocadherin gamma subfamily A, 1 (Pcdhga1), mRNA [NM_001037140]	25,374
0	YG01_MOUSE (Q9CQB7) LYR family protein A-211C6.1 homolog, partial (31%) [TC592130]	25,373
Abcc9	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 9 (Abcc9), mRNA [NM_013040]	25,354
Kif18b	Rattus norvegicus kinesin family member 18B (Kif18b), mRNA [NM_001039019]	25,349
Diablo	Rattus norvegicus diablo homolog (Drosophila) (Diablo), nuclear gene encoding mitochondrial protein, mRNA [NM_001008292]	25,348
Maz	Rattus norvegicus MYC-associated zinc finger protein (purine-binding transcription factor) (Maz), mRNA [NM_001110319]	25,342
Mier1	Rattus norvegicus mesoderm induction early response 1 homolog (Xenopus laevis) (Mier1), mRNA [NM_001131012]	25,329
Mansc1	Rattus norvegicus MANSC domain containing 1 (Mansc1), mRNA [NM_001109603]	25,323
Insl3	Rattus norvegicus insulin-like 3 (Insl3), mRNA [NM_053680]	25,316
Trim16	Rattus norvegicus tripartite motif-containing 16 (Trim16), mRNA [NM_001135033]	25,305
Grm5	Rattus norvegicus glutamate receptor, metabotropic 5 (Grm5), mRNA [NM_017012]	25,304
Rab14	Rattus norvegicus RAB, member of RAS oncogene family-like 4 (Rab14), mRNA [NM_001130495]	25,301
Timp4	Rattus norvegicus tissue inhibitor of metalloproteinase 4 (Timp4), mRNA [NM_001109393]	25,298
Wbscr17	Rattus norvegicus Williams-Beuren syndrome chromosome region 17 homolog (human) (Wbscr17), mRNA [NM_001025112]	25,287
RGD1566130	Rattus norvegicus similar to mKIAA1940 protein (RGD1566130), mRNA [NM_001107871]	25,286
0	Unknown	25,281
Slc12a6	Rattus norvegicus solute carrier family 12, member 6 (Slc12a6), mRNA [NM_001109630]	25,275
Adam19	Rattus norvegicus a disintegrin and metallopeptidase domain 19 (meltrin beta) (Adam19), mRNA [NM_001160228]	25,257
Sema5a	Rattus norvegicus sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A (Sema5a), mRNA [NM_001107659]	25,257
Bcr	PREDICTED: Rattus norvegicus breakpoint cluster region (Bcr), mRNA [XM_228091]	25,241
Acox1	Rattus norvegicus acyl-Coenzyme A oxidase 1, palmitoyl (Acox1), mRNA [NM_017340]	25,234
0	Unknown	25,231
Ints3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAI3] [ENSRNOT00000020575]	25,208
Adra2b	Rattus norvegicus adrenergic, alpha-2B-, receptor (Adra2b), mRNA [NM_138505]	25,194
Casc3	Rattus norvegicus cancer susceptibility candidate 3 (Casc3), mRNA [NM_147144]	25,192
Nhlrc1	Rattus norvegicus NHL repeat containing 1 (Nhlrc1), mRNA [NM_199236]	25,184
0	Rattus norvegicus TL0AAA50YL16 mRNA sequence. [FQ212907]	25,180

RGD1559508	PREDICTED: Rattus norvegicus similar to hypothetical protein 4930474N05 (RGD1559508), mRNA [XM_577489]	25,172
Slc25a30	Rattus norvegicus solute carrier family 25, member 30 (Slc25a30), nuclear gene encoding mitochondrial protein, mRNA [NM_001013187]	25,155
Fchsd1	Rattus norvegicus FCH and double SH3 domains 1 (Fchsd1), transcript variant 2, mRNA [NM_001107392]	25,152
Dhh	Rattus norvegicus desert hedgehog homolog (Drosophila) (Dhh), mRNA [NM_053367]	25,144
Wasl	Rattus norvegicus Wiskott-Aldrich syndrome-like (Wasl), mRNA [NM_001110365]	25,133
rnf141	Rattus norvegicus ring finger protein 141 (rnf141), mRNA [NM_001001800]	25,127
Stampbp	Rattus norvegicus Stam binding protein (Stampbp), mRNA [NM_138531]	25,114
Tmc1	Rattus norvegicus transmembrane channel-like 1 (Tmc1), mRNA [NM_001108521]	25,106
Igsf11	Rattus norvegicus immunoglobulin superfamily, member 11 (Igsf11), mRNA [NM_001013120]	25,105
0	transient receptor potential cation channel subfamily M member 3 [Source:RefSeq peptide;Acc:NP_001178491] [ENSRNOT00000017755]	25,105
Pacsin2	Rattus norvegicus protein kinase C and casein kinase substrate in neurons 2 (Pacsin2), mRNA [NM_130740]	25,102
Fezf2	Rattus norvegicus Fez family zinc finger 2 (Fezf2), mRNA [NM_001107251]	25,102
Rab2b	Rattus norvegicus RAB2B, member RAS oncogene family (Rab2b), mRNA [NM_001037645]	25,090
Irgq	Rattus norvegicus immunity-related GTPase family, Q (Irgq), mRNA [NM_001135742]	25,086
0	Unknown	25,085
Furin	Rattus norvegicus furin (paired basic amino acid cleaving enzyme) (Furin), mRNA [NM_019331]	25,083
RGD1566107	Rattus norvegicus similar to cAMP responsive element binding protein 5 (RGD1566107), mRNA [NM_001134621]	25,081
Ywhae	Rattus norvegicus tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide (Ywhae), mRNA [NM_031603]	25,075
Arhgap1	Rattus norvegicus Rho GTPase activating protein 1 (Arhgap1), mRNA [NM_001107747]	25,073
0	Unknown	25,051
RGD1562091	Rattus norvegicus similar to expressed sequence C79127 (RGD1562091), mRNA [NM_001106231]	25,037
Man2a1	Rattus norvegicus mannosidase, alpha, class 2A, member 1 (Man2a1), mRNA [NM_012979]	25,034
RGD1565496	Rattus norvegicus similar to Butyrate-induced transcript 1 (RGD1565496), mRNA [NM_001106831]	25,033
Tor1aip2	Rattus norvegicus torsin A interacting protein 2 (Tor1aip2), transcript variant 1, mRNA [NM_199100]	25,002
RGD1560884	Rattus norvegicus similar to myosin tail domain-containing protein (RGD1560884), mRNA [NM_001134641]	24,998
Ccna2	Rattus norvegicus cyclin A2 (Ccna2), mRNA [NM_053702]	24,994
LOC100365745	PREDICTED: Rattus norvegicus hypothetical protein LOC100365745 (LOC100365745), mRNA [XM_002725938]	24,984
LOC687796	PREDICTED: Rattus norvegicus hypothetical protein LOC687796, transcript variant 2 (LOC687796), mRNA [XM_001078497]	24,984
RGD1306502	Rattus norvegicus similar to hypothetical protein FLJ11193 (RGD1306502), mRNA [NM_001107654]	24,983
Timp3	Rattus norvegicus TIMP metallopeptidase inhibitor 3 (Timp3), mRNA [NM_012886]	24,964
Rics	PREDICTED: Rattus norvegicus Rho GTPase-activating protein (Rics), mRNA [XM_001056872]	24,959
Rarg	Rattus norvegicus retinoic acid receptor, gamma (Rarg), transcript variant 1, mRNA [NM_001135249]	24,952
LOC681825	PREDICTED: Rattus norvegicus similar to Prefoldin subunit 3 (Von Hippel-Lindau-binding protein 1) (VHL-binding protein 1) (VBP-1) (LOC681825), mRNA [XM_001058594]	24,951

Ctdspl	Rattus norvegicus CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like (Ctdspl), mRNA [NM_001106865]	24,945
Cacna1e	Rattus norvegicus calcium channel, voltage-dependent, R type, alpha 1E subunit (Cacna1e), mRNA [NM_019294]	24,945
Zfp469	Rattus norvegicus zinc finger protein 469 (Zfp469), mRNA [NM_001107123]	24,942
Pde6d	Rattus norvegicus phosphodiesterase 6D, cGMP-specific, rod, delta (Pde6d), mRNA [NM_001108806]	24,941
siat7D	PREDICTED: Rattus norvegicus alpha-2,6-sialyltransferase ST6GalNAc IV (siat7D), mRNA [XM_001080040]	24,930
Rbks	Rattus norvegicus ribokinase (Rbks), mRNA [NM_001108703]	24,930
LOC100192313	Rattus norvegicus hypothetical protein LOC100192313 (LOC100192313), mRNA [NM_001136261]	24,919
Psenen	Rattus norvegicus presenilin enhancer 2 homolog (C. elegans) (Psenen), mRNA [NM_001008764]	24,912
Il34	Rattus norvegicus interleukin 34 (Il34), mRNA [NM_001025766]	24,908
Smtn	Rattus norvegicus smoothelin (Smtn), mRNA [NM_001013049]	24,904
0	DRNBTB09 Rat DRG Library Rattus norvegicus cDNA clone DRNBTB09 5', mRNA sequence [BG673348]	24,904
Sdc2	Syndecan-2 [Source:UniProtKB/Swiss-Prot;Acc:P34900] [ENSRNOT00000007255]	24,896
Hrk	Rattus norvegicus harakiri, BCL2 interacting protein (contains only BH3 domain) (Hrk), mRNA [NM_057130]	24,891
0	Unknown	24,889
Spg21	Rattus norvegicus spastic paraplegia 21 homolog (human) (Spg21), mRNA [NM_001006987]	24,876
RGD1310945	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ23305 (RGD1310945), mRNA [XM_001065531]	24,875
Nlrp1b	PREDICTED: Rattus norvegicus similar to NACHT, leucine rich repeat and PYD containing 1 (LOC691998), mRNA [XM_001080760]	24,874
0	Unknown	24,853
Pla2g7	Rattus norvegicus phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) (Pla2g7), mRNA [NM_001009353]	24,849
0	motile sperm domain-containing protein 2 [Source:RefSeq peptide;Acc:NP_001128060] [ENSRNOT00000004533]	24,848
Rell2	Rattus norvegicus RELT-like 2 (Rell2), mRNA [NM_001014149]	24,846
0	RVL7467 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV717012]	24,840
Tfb1m	Rattus norvegicus transcription factor B1, mitochondrial (Tfb1m), nuclear gene encoding mitochondrial protein, mRNA [NM_181474]	24,838
Brd4	Rattus norvegicus bromodomain containing 4 (Brd4), mRNA [NM_001100903]	24,827
Ppp3cb	Rattus norvegicus protein phosphatase 3, catalytic subunit, beta isoform (Ppp3cb), mRNA [NM_017042]	24,827
Gp1bb	Rattus norvegicus glycoprotein Ib (platelet), beta polypeptide (Gp1bb), mRNA [NM_053930]	24,822
Sos2	Rattus norvegicus son of sevenless homolog 2 (Drosophila) (Sos2), mRNA [NM_001135561]	24,805
Ap2b1	Rattus norvegicus adaptor-related protein complex 2, beta 1 subunit (Ap2b1), mRNA [NM_080583]	24,803
Zmat5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLD2] [ENSRNOT00000010332]	24,794
RGD1308448	Rattus norvegicus similar to RIKEN cDNA B130016O10 gene (RGD1308448), mRNA [NM_001107671]	24,780
38596	Rattus norvegicus septin 5 (Sept5), mRNA [NM_053931]	24,780
Ppy	Rattus norvegicus pancreatic polypeptide (Ppy), mRNA [NM_012626]	24,771
Saps1	Rattus norvegicus SAPS domain family, member 1 (Saps1), mRNA [NM_001135849]	24,769
Rhd	Rattus norvegicus Rh blood group, D antigen (Rhd), mRNA [NM_022505]	24,766

Parm1	Rattus norvegicus prostate androgen-regulated mucin-like protein 1 (Parm1), mRNA [NM_173114]	24,758
0	gene regulated by estrogen in breast cancer protein Gene [Source:MGI Symbol;Acc:MGI:2149712] [ENSRNOT00000032417]	24,747
Ghr	Rattus norvegicus growth hormone receptor (Ghr), mRNA [NM_017094]	24,744
Drg2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDC1] [ENSRNOT00000005101]	24,744
Dag1	PREDICTED: Rattus norvegicus dystroglycan 1 (dystrophin-associated glycoprotein 1) (Dag1), mRNA [XM_001074892]	24,735
Ltbp4	Rattus norvegicus latent transforming growth factor beta binding protein 4 (Ltbp4), mRNA [NM_001170336]	24,732
Pdpx	Rattus norvegicus pyridoxal (pyridoxine, vitamin B6) phosphatase (Pdpx), mRNA [NM_001135819]	24,722
Numb	Rattus norvegicus numb homolog (Drosophila) (Numb), mRNA [NM_133287]	24,721
Tnk2	Rattus norvegicus tyrosine kinase, non-receptor, 2 (Tnk2), mRNA [NM_001008336]	24,716
RGD1305415	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQL6] [ENSRNOT00000036357]	24,713
Tbccd1	Rattus norvegicus TBCC domain containing 1 (Tbccd1), mRNA [NM_001012016]	24,705
0	Unknown	24,702
Pcdhga12	Rattus norvegicus protocadherin gamma subfamily A, 12 (Pcdhga12), mRNA [NM_001037337]	24,696
Cdca3	Rattus norvegicus cell division cycle associated 3 (Cdca3), mRNA [NM_001007648]	24,688
Fxyd6	Rattus norvegicus FXD domain-containing ion transport regulator 6 (Fxyd6), mRNA [NM_022005]	24,682
0	Unknown	24,673
Slc35e3	Rattus norvegicus solute carrier family 35, member E3 (Slc35e3), mRNA [NM_001134687]	24,673
0	Rattus norvegicus, 23 clones, strain BN/SsNHsdMCW RNOR03327679, whole genome shotgun sequence [AABR03128084]	24,668
Dpf2	Rattus norvegicus D4, zinc and double PHD fingers family 2 (Dpf2), mRNA [NM_001108516]	24,655
0	Unknown	24,653
Pycr1	Rattus norvegicus pyrroline-5-carboxylate reductase 1 (Pycr1), mRNA [NM_001105857]	24,649
Tnk2	Rattus norvegicus tyrosine kinase, non-receptor, 2 (Tnk2), mRNA [NM_001008336]	24,648
Zfp317	Rattus norvegicus zinc finger protein 317 (Zfp317), mRNA [NM_001134634]	24,638
0	Unknown	24,635
Cdc23	Rattus norvegicus CDC23 (cell division cycle 23, yeast, homolog) (Cdc23), mRNA [NM_001100659]	24,626
Ndufa3	PREDICTED: Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3 (Ndufa3), mRNA [XM_001076462]	24,623
Ankmy2	Rattus norvegicus ankyrin repeat and MYND domain containing 2 (Ankmy2), mRNA [NM_001108019]	24,615
Rbm38	Rattus norvegicus RNA binding motif protein 38 (Rbm38), mRNA [NM_001108965]	24,609
LRRTM1	Rattus norvegicus leucine rich repeat transmembrane neuronal 1 (LRRTM1), mRNA [NM_001109374]	24,608
Rerg	RERG_HUMAN (Q96A58) Ras-related and estrogen-regulated growth inhibitor, partial (19%) [TC629838]	24,603
Olr575	Rattus norvegicus olfactory receptor 575 (Olr575), mRNA [NM_001000327]	24,600
Rfk	Rattus norvegicus riboflavin kinase (Rfk), mRNA [NM_001014106]	24,587
Tmcc1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH14] [ENSRNOT00000042418]	24,583
Lrp3	Rattus norvegicus low density lipoprotein receptor-related protein 3 (Lrp3), mRNA [NM_053541]	24,582

Lrp10	Rattus norvegicus low-density lipoprotein receptor-related protein 10 (Lrp10), mRNA [NM_001037777]	24,580
Nploc4	Rattus norvegicus nuclear protein localization 4 homolog (S. cerevisiae) (Nploc4), mRNA [NM_080577]	24,573
0	Unknown	24,570
0	Unknown	24,551
Araf	Rattus norvegicus v-raf murine sarcoma 3611 viral oncogene homolog (Araf), transcript variant 1, mRNA [NM_022532]	24,547
0	forkhead box protein K2 [Source:RefSeq peptide;Acc:NP_001100545] [ENSRNOT00000068086]	24,541
0	Histone H2B type 1 [Source:UniProtKB/Swiss-Prot;Acc:Q00715] [ENSRNOT00000024276]	24,534
Gad2	Rattus norvegicus glutamate decarboxylase 2 (Gad2), mRNA [NM_012563]	24,520
Olr1105	Rattus norvegicus olfactory receptor 1105 (Olr1105), mRNA [NM_001001078]	24,516
Fam101b	Rattus norvegicus family with sequence similarity 101, member B (Fam101b), mRNA [NM_001007611]	24,511
Tcf12	Rattus norvegicus transcription factor 12 (Tcf12), mRNA [NM_013176]	24,500
Etv1	Rattus norvegicus ets variant 1 (Etv1), transcript variant 1, mRNA [NM_001163156]	24,472
Ddx19b	Rattus norvegicus DEAD (Asp-Glu-Ala-As) box polypeptide 19B (Ddx19b), mRNA [NM_001005895]	24,466
E2f3	Rattus norvegicus E2F transcription factor 3 (E2f3), mRNA [NM_001137626]	24,458
38047	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNC9] [ENSRNOT00000022076]	24,452
Mast2	Rattus norvegicus microtubule associated serine/threonine kinase 2 (Mast2), mRNA [NM_001108005]	24,451
Slc18a3	Rattus norvegicus solute carrier family 18 (vesicular acetylcholine), member 3 (Slc18a3), mRNA [NM_031663]	24,447
0	Unknown	24,441
Ankrd29	Rattus norvegicus ankyrin repeat domain 29 (Ankrd29), mRNA [NM_001190372]	24,440
Asb8	Rattus norvegicus ankyrin repeat and SOCS box-containing 8 (Asb8), mRNA [NM_001108109]	24,433
Gpr115	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTY4] [ENSRNOT00000016906]	24,433
RGD1564961	PREDICTED: Rattus norvegicus similar to retinoblastoma-binding protein 1 isoform I (RGD1564961), mRNA [XM_226650]	24,431
Nr4a3	Rattus norvegicus nuclear receptor subfamily 4, group A, member 3 (Nr4a3), transcript variant 1, mRNA [NM_031628]	24,424
Uts2	Rattus norvegicus urotensin 2 (Uts2), mRNA [NM_019160]	24,416
0	Unknown	24,413
0	Unknown	24,409
lws1	Rattus norvegicus IWS1 homolog (S. cerevisiae) (lws1), mRNA [NM_001034918]	24,408
Ntan1	Rattus norvegicus N-terminal asparagine amidase (Ntan1), mRNA [NM_001025124]	24,404
Nckap5l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9A7] [ENSRNOT00000022937]	24,397
LOC689065	Rattus norvegicus hypothetical protein LOC689065 (LOC689065), mRNA [NM_001109521]	24,391
RGD1308106	Rattus norvegicus LOC361719 (RGD1308106), mRNA [NM_001134575]	24,378
Stk24	Rattus norvegicus TL0AEA11YD24 mRNA sequence. [FQ227921]	24,378
Pogz	Rattus norvegicus pogo transposable element with ZNF domain (Pogz), mRNA [NM_001107693]	24,375
Fam110b	Rattus norvegicus family with sequence similarity 110, member B (Fam110b), mRNA [NM_001024341]	24,367

Map6d1	Rattus norvegicus MAP6 domain containing 1 (Map6d1), mRNA [NM_001108844]	24,360
0	Rattus norvegicus chromosome 10, 11 clones, strain BN/SsNHsdMCW RNOR03214576, whole genome shotgun sequence [AABR03073588]	24,343
0	Unknown	24,328
Map1lc3a	Rattus norvegicus microtubule-associated protein 1 light chain 3 alpha (Map1lc3a), mRNA [NM_199500]	24,327
Casq1	Rattus norvegicus calsequestrin 1 (fast-twitch, skeletal muscle) (Casq1), nuclear gene encoding mitochondrial protein, mRNA [NM_001159594]	24,326
Nkiras1	Rattus norvegicus NFkB inhibitor interacting Ras-like 1 (Nkiras1), mRNA [NM_001107252]	24,321
Rab10	Rattus norvegicus RAB10, member RAS oncogene family (Rab10), mRNA [NM_017359]	24,316
Zbtb4	PREDICTED: Rattus norvegicus zinc finger and BTB domain containing 4 (Zbtb4), mRNA [XM_001079524]	24,314
Scamp3	Rattus norvegicus secretory carrier membrane protein 3 (Scamp3), mRNA [NM_031724]	24,308
Slc1a3	Rattus norvegicus solute carrier family 1 (glial high affinity glutamate transporter), member 3 (Slc1a3), mRNA [NM_019225]	24,300
Ctrl	Rattus norvegicus chymotrypsin-like (Ctrl), mRNA [NM_054009]	24,298
Slc17a5	Rattus norvegicus solute carrier family 17 (anion/sugar transporter), member 5 (Slc17a5), mRNA [NM_001009713]	24,297
Pak6	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 6 (Pak6), mRNA [NM_001106498]	24,297
Ctnnd2	PREDICTED: Rattus norvegicus catenin (cadherin-associated protein), delta 2 (neural plakophilin-related arm-repeat protein) (Ctnnd2), mRNA [XM_001064375]	24,294
0	CB544633 AMGNNUC:SRPB2-00179-D4-A srpb2 (10220) Rattus norvegicus cDNA clone srpb2-00179-d4 5', mRNA sequence [CB544633]	24,291
Drd5	Rattus norvegicus dopamine receptor D5 (Drd5), mRNA [NM_012768]	24,290
Ankib1	Rattus norvegicus ankyrin repeat and IBR domain containing 1 (Ankib1), mRNA [NM_001134781]	24,286
Chm	Rattus norvegicus choroideremia (Rab escort protein 1) (Chm), mRNA [NM_017067]	24,283
Sirpa	Rattus norvegicus signal-regulatory protein alpha (Sirpa), mRNA [NM_013016]	24,283
Mansc1	Rattus norvegicus MANSOC domain containing 1 (Mansc1), mRNA [NM_001109603]	24,278
Baiap2	Rattus norvegicus BAI1-associated protein 2 (Baiap2), mRNA [NM_057196]	24,277
LOC688267	PREDICTED: Rattus norvegicus hypothetical protein LOC688267 (LOC688267), mRNA [XM_002742439]	24,277
LOC687399	Rattus norvegicus hypothetical protein LOC687399 (LOC687399), mRNA [NM_001101015]	24,274
RGD1309870	Rattus norvegicus hypothetical LOC289778 (RGD1309870), mRNA [NM_001106018]	24,272
0	Unknown	24,267
0	Transcriptional regulator ATRX [Source:UniProtKB/Swiss-Prot;Acc:P70486] [ENSRNOT00000033355]	24,265
0	Rattus norvegicus similar to DAZ-associated protein 1 (LOC309292), mRNA [XM_219766]	24,257
Rad54l2	Rattus norvegicus Rad54 like 2 (S. cerevisiae) (Rad54l2), mRNA [NM_001134520]	24,253
Dusp19	Rattus norvegicus dual specificity phosphatase 19 (Dusp19), mRNA [NM_001107739]	24,250
Nek8	Rattus norvegicus NIMA (never in mitosis gene a)- related kinase 8 (Nek8), mRNA [NM_001105804]	24,242
St8sia3	Rattus norvegicus ST8 alpha-N-acetylneuraminide alpha-2,8-sialyltransferase 3 (St8sia3), mRNA [NM_013029]	24,242
Onecut1	Rattus norvegicus one cut homeobox 1 (Onecut1), mRNA [NM_022671]	24,236
Cpne5	Rattus norvegicus copine V (Cpne5), mRNA [NM_001107616]	24,232

0	Unknown	24,223
Rpl711	PREDICTED: Rattus norvegicus ribosomal protein L7-like 1 (Rpl711), mRNA [XM_001065509]	24,220
Erlin1	Rattus norvegicus ER lipid raft associated 1 (Erlin1), mRNA [NM_001106353]	24,209
Xk	Rattus norvegicus X-linked Kx blood group (McLeod syndrome) homolog (Xk), mRNA [NM_001012227]	24,208
Ccnd1	Rattus norvegicus cyclin D1 (Ccnd1), mRNA [NM_171992]	24,208
Ngf	PREDICTED: Rattus norvegicus nerve growth factor (beta polypeptide) (Ngf), partial mRNA [XM_001067130]	24,205
Myo1d	Rattus norvegicus myosin ID (Myo1d), mRNA [NM_012983]	24,203
Unc5c	Rattus norvegicus unc-5 homolog C (C. elegans) (Unc5c), mRNA [NM_199407]	24,202
Zfp799	Rattus norvegicus zinc finger protein 799 (Zfp799), mRNA [NM_001009537]	24,190
Tnfsf13	Rattus norvegicus tumor necrosis factor (ligand) superfamily, member 13 (Tnfsf13), mRNA [NM_001009623]	24,181
Il1r2	Rattus norvegicus interleukin 1 receptor, type II (Il1r2), mRNA [NM_053953]	24,176
Map2	Rattus norvegicus microtubule-associated protein 2 (Map2), mRNA [NM_013066]	24,166
RGD1308601	Rattus norvegicus similar to hypothetical protein (RGD1308601), mRNA [NM_001107374]	24,165
Epb4111	Rattus norvegicus erythrocyte membrane protein band 4.1-like 1 (Epb4111), transcript variant 2, mRNA [NM_021681]	24,159
Shoc2	Rattus norvegicus soc-2 (suppressor of clear) homolog (C. elegans) (Shoc2), mRNA [NM_001013155]	24,159
Lmf2	Rattus norvegicus lipase maturation factor 2 (Lmf2), mRNA [NM_001079939]	24,159
Lcn2	Rattus norvegicus lipocalin 2 (Lcn2), mRNA [NM_130741]	24,158
0	Rattus norvegicus similar to 40S ribosomal protein S8 (LOC302393), mRNA [XM_228533]	24,151
Atxn1l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBC4] [ENSRNOT00000059225]	24,148
0	Angiomotin-like 1 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZK60] [ENSRNOT00000011955]	24,147
Myadm	Rattus norvegicus myeloid-associated differentiation marker (Myadm), mRNA [NM_183332]	24,137
LOC500392	Rattus norvegicus similar to hypothetical protein FLJ25692 (LOC500392), mRNA [NM_001024340]	24,134
Pygo2	Rattus norvegicus pygopus 2 (Pygo2), mRNA [NM_001106447]	24,129
0	Unknown	24,118
RGD1309762	PREDICTED: Rattus norvegicus similar to KIAA0614 protein (RGD1309762), mRNA [XM_222205]	24,111
Aco2	Rattus norvegicus aconitase 2, mitochondrial (Aco2), nuclear gene encoding mitochondrial protein, mRNA [NM_024398]	24,101
Nol3	Rattus norvegicus nucleolar protein 3 (apoptosis repressor with CARD domain) (Nol3), mRNA [NM_053516]	24,100
Myst3	Rattus norvegicus MYST histone acetyltransferase (monocytic leukemia) 3 (Myst3), mRNA [NM_001100570]	24,098
Mapk6	Rattus norvegicus mitogen-activated protein kinase 6 (Mapk6), mRNA [NM_031622]	24,087
Tmem38a	Rattus norvegicus transmembrane protein 38a (Tmem38a), mRNA [NM_001100175]	24,086
Tspan2	Rattus norvegicus tetraspanin 2 (Tspan2), mRNA [NM_022589]	24,085
Sfrs3	Rattus norvegicus splicing factor, arginine/serine-rich 3 (Sfrs3), mRNA [NM_001047907]	24,083
Ankrd12	Rattus norvegicus ankyrin repeat domain 12 (Ankrd12), mRNA [NM_001108238]	24,081
LOC298139	Rattus norvegicus similar to RIKEN cDNA 2310003M01 (LOC298139), mRNA [NM_001013930]	24,076

Alkbh	Rattus norvegicus alkB, alkylation repair homolog (E. coli) (Alkbh), mRNA [NM_001108718]	24,070
0	Unknown	24,057
Bcas3	Rattus norvegicus breast carcinoma amplified sequence 3 (Bcas3), mRNA [NM_001173430]	24,055
Atf2	Rattus norvegicus activating transcription factor 2 (Atf2), mRNA [NM_031018]	24,050
Ssr3	Rattus norvegicus signal sequence receptor, gamma (Ssr3), mRNA [NM_031120]	24,046
0	Unknown	24,044
0	Unknown	24,038
Ndufb4l1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV29] [ENSRNOT00000044617]	24,037
0	Unknown	24,023
0	Nol6 protein [Source:UniProtKB/TrEMBL;Acc:B0BNB6] [ENSRNOT00000068046]	24,003
Tp53bp2	PREDICTED: Rattus norvegicus tumor protein p53 binding protein, 2, transcript variant 1 (Tp53bp2), mRNA [XM_001063503]	24,000
Ankrd55	PREDICTED: Rattus norvegicus ankyrin repeat domain 55 (Ankrd55), mRNA [XM_342195]	23,996
Tom1l2	Rattus norvegicus target of myb1-like 2 (chicken) (Tom1l2), mRNA [NM_001108277]	23,992
Pusl1	Rattus norvegicus pseudouridylate synthase-like 1 (Pusl1), mRNA [NM_001108699]	23,991
Agfg1	Rattus norvegicus ArfGAP with FG repeats 1 (Agfg1), mRNA [NM_001135596]	23,979
LOC500213	PREDICTED: Rattus norvegicus similar to T-box transcription factor TBX15 (T-box protein 15) (MmTBx8) (LOC500213), mRNA [XM_575564]	23,974
Rab3d	Rattus norvegicus RAB3D, member RAS oncogene family (Rab3d), mRNA [NM_080580]	23,974
Nos1	Rattus norvegicus nitric oxide synthase 1, neuronal (Nos1), mRNA [NM_052799]	23,958
Cdk2	Rattus norvegicus cyclin dependent kinase 2 (Cdk2), mRNA [NM_199501]	23,949
0	Unknown	23,948
Srrm2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAC6] [ENSRNOT00000006370]	23,948
Foxj3	Rattus norvegicus forkhead box J3 (Foxj3), mRNA [NM_001107971]	23,945
Myoz3	Synaptopodin [Source:UniProtKB/Swiss-Prot;Acc:Q9Z327] [ENSRNOT00000025989]	23,945
Ube2q1	Rattus norvegicus ubiquitin-conjugating enzyme E2Q family-like 1 (Ube2q1), mRNA [NM_001145163]	23,942
Mgll	Rattus norvegicus monoglyceride lipase (Mgll), mRNA [NM_138502]	23,939
Per1	Rattus norvegicus period homolog 1 (Drosophila) (Per1), mRNA [NM_001034125]	23,936
Arl5b	Rattus norvegicus ADP-ribosylation factor-like 5B (Arl5b), mRNA [NM_001015031]	23,924
LOC689939	PREDICTED: Rattus norvegicus similar to KIAA0999 protein (LOC689939), mRNA [XM_001072611]	23,924
Mybbp1a	Rattus norvegicus MYB binding protein (P160) 1a (Mybbp1a), mRNA [NM_031668]	23,913
0	Q4SRM6_TETNG (Q4SRM6) Chromosome undetermined SCAF14516, whole genome shotgun sequence. (Fragment), partial (5%) [TC616541]	23,911
Stradb	Rattus norvegicus STE20-related kinase adaptor beta (Stradb), mRNA [NM_001109307]	23,893
Dusp7	Dual specificity protein phosphatase 7 [Source:UniProtKB/Swiss-Prot;Acc:Q63340] [ENSRNOT00000014770]	23,880
Znhit1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNG9] [ENSRNOT00000001922]	23,869
Col27a1	Rattus norvegicus collagen, type XXVII, alpha 1 (Col27a1), mRNA [NM_198747]	23,856

Phkg2	Rattus norvegicus phosphorylase kinase, gamma 2 (testis) (Phkg2), mRNA [NM_080584]	23,846
Stx16	Rattus norvegicus syntaxin 16 (Stx16), mRNA [NM_001108610]	23,829
Rgs7bp	Rattus norvegicus regulator of G-protein signaling 7 binding protein (Rgs7bp), mRNA [NM_001012347]	23,821
Mfap3l	Rattus norvegicus microfibrillar-associated protein 3-like (Mfap3l), mRNA [NM_001012049]	23,818
Col20a1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZII5] [ENSRNOT00000040270]	23,810
Tpm4	Rattus norvegicus tropomyosin 4 (Tpm4), mRNA [NM_012678]	23,808
0	Unknown	23,793
Kcnma1	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M, alpha member 1 (Kcnma1), mRNA [NM_031828]	23,790
Tmc4	Rattus norvegicus transmembrane channel-like 4 (Tmc4), mRNA [NM_001034104]	23,778
Strn4	Rattus norvegicus striatin, calmodulin binding protein 4 (Strn4), transcript variant 1, mRNA [NM_001107480]	23,769
Ocrl	Rattus norvegicus oculocerebrorenal syndrome of Lowe (Ocrl), mRNA [NM_001108256]	23,765
Xylt1	Xylosyltransferase 1 [Source:UniProtKB/Swiss-Prot;Acc:Q9EPI1] [ENSRNOT00000025007]	23,763
Drap1	Rattus norvegicus Dr1 associated protein 1 (negative cofactor 2 alpha) (Drap1), mRNA [NM_001077668]	23,762
Sp1	Rattus norvegicus Sp1 transcription factor (Sp1), mRNA [NM_012655]	23,760
LOC500726	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1G8] [ENSRNOT00000030246]	23,760
0	Unknown	23,758
Arnt2	Rattus norvegicus aryl hydrocarbon receptor nuclear translocator 2 (Arnt2), mRNA [NM_012781]	23,753
RGD1311648	Rattus norvegicus similar to hypothetical protein FLJ21820 (RGD1311648), mRNA [NM_001014075]	23,750
Pou3f1	Rattus norvegicus POU class 3 homeobox 1 (Pou3f1), mRNA [NM_138838]	23,747
Olr1366	Rattus norvegicus olfactory receptor 1366 (Olr1366), mRNA [NM_001000980]	23,742
Usp48	Rattus norvegicus ubiquitin specific peptidase 48 (Usp48), mRNA [NM_198785]	23,731
Trove2	Rattus norvegicus TROVE domain family, member 2 (Trove2), mRNA [NM_001107183]	23,720
Nop2	Rattus norvegicus NOP2 nucleolar protein homolog (yeast) (Nop2), mRNA [NM_001191785]	23,718
Ube3b	Rattus norvegicus ubiquitin protein ligase E3B (Ube3b), mRNA [NM_001143894]	23,711
LOC680319	Rattus norvegicus hypothetical protein LOC680319 (LOC680319), mRNA [NM_001109401]	23,704
Slc8a3	Rattus norvegicus solute carrier family 8 (sodium/calcium exchanger), member 3 (Slc8a3), mRNA [NM_078620]	23,703
Freq	Rattus norvegicus frequenin homolog (Drosophila) (Freq), mRNA [NM_024366]	23,702
Eri3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AA56] [ENSRNOT00000026222]	23,701
Sms	Rattus norvegicus spermine synthase (Sms), mRNA [NM_001033899]	23,698
Shisa2	Rattus norvegicus shisa homolog 2 (Xenopus laevis) (Shisa2), mRNA [NM_001191936]	23,694
0	MMNPT2S01 Na ⁺ -phosphate cotransporter type II {Mus musculus} (exp=-1; wgp=0; cg=0), partial (12%) [TC607345]	23,682
Zfp46	Rattus norvegicus zinc finger protein 46 (Zfp46), mRNA [NM_001106691]	23,662
Eif1	Rattus norvegicus eukaryotic translation initiation factor 1 (Eif1), mRNA [NM_001105837]	23,655
B3gat3	Rattus norvegicus beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) (B3gat3), mRNA [NM_001128184]	23,652

Sptbn2	Rattus norvegicus spectrin, beta, non-erythrocytic 2 (Sptbn2), mRNA [NM_019167]	23,647
Znf598	Rattus norvegicus zinc finger protein 598 (Znf598), mRNA [NM_001105770]	23,645
Nr4a1	Rattus norvegicus nuclear receptor subfamily 4, group A, member 1 (Nr4a1), mRNA [NM_024388]	23,643
Shisa7	Rattus norvegicus shisa homolog 7 (Xenopus laevis) (Shisa7), mRNA [NM_001145175]	23,642
Mmp14	Rattus norvegicus matrix metalloproteinase 14 (membrane-inserted) (Mmp14), mRNA [NM_031056]	23,634
0	Unknown	23,627
Scrt1	Rattus norvegicus scratch homolog 1, zinc finger protein (Drosophila) (Scrt1), mRNA [NM_001130570]	23,626
Grip1	Rattus norvegicus glutamate receptor interacting protein 1 (Grip1), mRNA [NM_032069]	23,625
Ppp1r1b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 1B (Ppp1r1b), mRNA [NM_138521]	23,620
Nos2	Rattus norvegicus nitric oxide synthase 2, inducible (Nos2), mRNA [NM_012611]	23,598
Ampd3	Rattus norvegicus adenosine monophosphate deaminase 3 (Ampd3), mRNA [NM_031544]	23,591
Usf2	Rattus norvegicus upstream transcription factor 2, c-fos interacting (Usf2), mRNA [NM_031139]	23,584
Smad5	Rattus norvegicus SMAD family member 5 (Smad5), mRNA [NM_021692]	23,575
Tmem167b	Rattus norvegicus transmembrane protein 167B (Tmem167b), mRNA [NM_001135260]	23,536
0	Unknown	23,535
Mcart1	Rattus norvegicus mitochondrial carrier triple repeat 1 (Mcart1), nuclear gene encoding mitochondrial protein, mRNA [NM_001024785]	23,534
0	Unknown	23,533
Cyp46a1	Rattus norvegicus cytochrome P450, family 46, subfamily a, polypeptide 1 (Cyp46a1), mRNA [NM_001108723]	23,506
RGD1565886	PREDICTED: Rattus norvegicus RGD1565886 (RGD1565886), mRNA [XM_237943]	23,504
Zbtb16	Rattus norvegicus zinc finger and BTB domain containing 16 (Zbtb16), mRNA [NM_001013181]	23,501
Slc25a39	Rattus norvegicus solute carrier family 25, member 39 (Slc25a39), mRNA [NM_001024792]	23,494
Ccdc60	Rattus norvegicus coiled-coil domain containing 60 (Ccdc60), mRNA [NM_001034945]	23,486
Kctd7	Rattus norvegicus potassium channel tetramerisation domain containing 7 (Kctd7), mRNA [NM_001128194]	23,484
Sorbs2	Rattus norvegicus sorbin and SH3 domain containing 2 (Sorbs2), mRNA [NM_053770]	23,480
Npas4	Rattus norvegicus neuronal PAS domain protein 4 (Npas4), mRNA [NM_153626]	23,478
Letmd1	Rattus norvegicus LETM1 domain containing 1 (Letmd1), mRNA [NM_001122781]	23,478
Pptc7	Rattus norvegicus PTC7 protein phosphatase homolog (S. cerevisiae) (Pptc7), mRNA [NM_001107141]	23,446
0	Q3U6G1_MOUSE (Q3U6G1) Bone marrow macrophage cDNA, RIKEN full-length enriched library, clone:l830125G18 product:biliverdin reductase B (flavin reductase (NADPH)), full insert sequence, partial (78%) [TC609126]	23,434
Srek1ip1	Rattus norvegicus splicing regulatory glutamine/lysine-rich protein 1 interacting protein 1 (Srek1ip1), mRNA [NM_001008373]	23,428
RGD1560171	PREDICTED: Rattus norvegicus similar to PRO0149 protein (RGD1560171), mRNA [XM_001054786]	23,427
0	GSCR1_HUMAN (Q9NZM4) Glioma tumor suppressor candidate region gene 1 protein, partial (8%) [TC610073]	23,423
0	Unknown	23,422
Mfap5	Rattus norvegicus microfibrillar associated protein 5 (Mfap5), mRNA [NM_001108644]	23,407

Smad4	Rattus norvegicus SMAD family member 4 (Smad4), mRNA [NM_019275]	23,406
Dpm2	Rattus norvegicus dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit (Dpm2), mRNA [NM_019252]	23,405
Otor	Rattus norvegicus otoraplin (Otor), mRNA [NM_001108960]	23,398
Rod1	Rattus norvegicus ROD1 regulator of differentiation 1 (S. pombe) (Rod1), mRNA [NM_031346]	23,390
LOC291686	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L23a (LOC291686), mRNA [XM_002725324]	23,377
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC297809), mRNA [XM_216324]	23,373
Gtf3c2	Rattus norvegicus general transcription factor IIIC, polypeptide 2, beta (Gtf3c2), mRNA [NM_001025120]	23,369
Fam167a	Rattus norvegicus family with sequence similarity 167, member A (Fam167a), mRNA [NM_001109102]	23,352
LRRTM1	Rattus norvegicus leucine rich repeat transmembrane neuronal 1 (LRRTM1), mRNA [NM_001109374]	23,352
Slc12a5	Rattus norvegicus solute carrier family 12 (potassium-chloride transporter), member 5 (Slc12a5), mRNA [NM_134363]	23,350
Casc4	PREDICTED: Rattus norvegicus cancer susceptibility candidate 4, transcript variant 3 (Casc4), mRNA [XM_001077018]	23,350
Serping1	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade G, member 1 (Serping1), mRNA [NM_199093]	23,340
RGD1307399	Rattus norvegicus similar to chromosome 20 open reading frame 30; HSPC274 protein (RGD1307399), mRNA [NM_001048043]	23,337
0	Unknown	23,330
Diaph3	PREDICTED: Rattus norvegicus diaphanous homolog 3 (Drosophila) (Diaph3), mRNA [XM_001074393]	23,325
Ptprr	Rattus norvegicus protein tyrosine phosphatase, receptor type, R (Ptprr), transcript variant 1, mRNA [NM_053594]	23,324
Map3k7	Rattus norvegicus mitogen activated protein kinase kinase kinase 7 (Map3k7), mRNA [NM_001107920]	23,319
Dok7	Rattus norvegicus docking protein 7 (Dok7), mRNA [NM_001130062]	23,314
Ncln	Rattus norvegicus nicalin homolog (zebrafish) (Ncln), mRNA [NM_001014082]	23,312
Cdc2l6	Rattus norvegicus cell division cycle 2-like 6 (CDK8-like) (Cdc2l6), mRNA [NM_001107634]	23,312
Fam134b	Rattus norvegicus family with sequence similarity 134, member B (Fam134b), mRNA [NM_001034912]	23,299
Arc	Rattus norvegicus activity-regulated cytoskeleton-associated protein (Arc), mRNA [NM_019361]	23,287
LOC501389	PREDICTED: Rattus norvegicus similar to chromosome 9 open reading frame 36 (LOC501389), partial mRNA [XM_576802]	23,283
Tet1	Rattus norvegicus tet oncogene 1 (Tet1), mRNA [NM_001107643]	23,278
Dnm3	Rattus norvegicus dynamin 3 (Dnm3), mRNA [NM_138538]	23,275
Tbc1d25	Rattus norvegicus TBC1 domain family, member 25 (Tbc1d25), mRNA [NM_001106955]	23,273
Utp6	PREDICTED: Rattus norvegicus UTP6, small subunit (SSU) processome component, homolog (yeast), transcript variant 2 (Utp6), mRNA [XM_002724525]	23,255
Sel1l	Rattus norvegicus sel-1 suppressor of lin-12-like (C. elegans) (Sel1l), mRNA [NM_177933]	23,254
Pcsk1n	Rattus norvegicus proprotein convertase subtilisin/kexin type 1 inhibitor (Pcsk1n), mRNA [NM_019279]	23,250
Grf1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AD82] [ENSRNOT00000021223]	23,247
Abcg1	Rattus norvegicus ATP-binding cassette, subfamily G (WHITE), member 1 (Abcg1), mRNA [NM_053502]	23,246
Olr1262	Rattus norvegicus olfactory receptor 1262 (Olr1262), mRNA [NM_001000803]	23,244
Snrpa	Rattus norvegicus small nuclear ribonucleoprotein polypeptide A (Snrpa), mRNA [NM_001008303]	23,241

Cpne8	Rattus norvegicus copine VIII (Cpne8), mRNA [NM_001108750]	23,241
Rap2b	Rattus norvegicus RAP2B, member of RAS oncogene family (Rap2b), mRNA [NM_133410]	23,234
Copa	Rattus norvegicus coatomer protein complex subunit alpha (Copa), mRNA [NM_001134540]	23,233
Pcp4l1	Rattus norvegicus Purkinje cell protein 4-like 1 (Pcp4l1), mRNA [NM_001126093]	23,232
Ncoa5	Rattus norvegicus nuclear receptor coactivator 5 (Ncoa5), mRNA [NM_001106543]	23,231
Ston2	Rattus norvegicus stonin 2 (Ston2), mRNA [NM_001135874]	23,225
Nfkbib	Rattus norvegicus nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta (Nfkbib), mRNA [NM_030867]	23,225
0	EST352149 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIHD72 5' end, mRNA sequence [AW920845]	23,221
0	Q5BK04_RAT (Q5BK04) LOC363306 protein (Fragment), partial (23%) [TC600364]	23,221
Nsd1	Rattus norvegicus nuclear receptor binding SET domain protein 1 (Nsd1), mRNA [NM_001107337]	23,216
Pcdhb3	Rattus norvegicus protocadherin beta 3 (Pcdhb3), mRNA [NM_001014783]	23,212
Slc7a14	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 14 (Slc7a14), mRNA [NM_001134615]	23,203
Pcnp	Rattus norvegicus PEST proteolytic signal containing nuclear protein (Pcnp), mRNA [NM_001047846]	23,201
Stag1	Rattus norvegicus stromal antigen 1 (Stag1), mRNA [NM_001108179]	23,197
Prdx6	Rattus norvegicus peroxiredoxin 6 (Prdx6), mRNA [NM_053576]	23,191
Alg2	Rattus norvegicus asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae) (Alg2), mRNA [NM_001100710]	23,186
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV40] [ENSRNOT00000009733]	23,175
Slc16a1	Rattus norvegicus solute carrier family 16, member 1 (monocarboxylic acid transporter 1) (Slc16a1), mRNA [NM_012716]	23,168
0	Unknown	23,164
Pon2	Rattus norvegicus paraoxonase 2 (Pon2), mRNA [NM_001013082]	23,155
Ephb1	Rattus norvegicus Eph receptor B1 (Ephb1), mRNA [NM_001104528]	23,150
Pcdha1	Rattus norvegicus protocadherin alpha 1 (Pcdha1), mRNA [NM_199503]	23,147
Acsm5	Rattus norvegicus acyl-CoA synthetase medium-chain family member 5 (Acsm5), mRNA [NM_001014162]	23,147
RGD1563106	Rattus norvegicus similar to novel protein (RGD1563106), mRNA [NM_001107010]	23,141
Cpne8	Rattus norvegicus copine VIII (Cpne8), mRNA [NM_001108750]	23,137
Hist1h2bm	Rattus norvegicus histone cluster 1, H2bm (Hist1h2bm), mRNA [NM_001108414]	23,123
Traf3	Rattus norvegicus Tnf receptor-associated factor 3 (Traf3), mRNA [NM_001108724]	23,122
Gnas	Rattus norvegicus GNAS complex locus (Gnas), transcript variant 5, mRNA [NM_001159656]	23,120
Smoc1	Rattus norvegicus SPARC related modular calcium binding 1 (Smoc1), mRNA [NM_001002835]	23,106
Usp6nl	Rattus norvegicus USP6 N-terminal like (Usp6nl), mRNA [NM_001106120]	23,100
Pmepa1	Rattus norvegicus prostate transmembrane protein, androgen induced 1 (Pmepa1), mRNA [NM_001107807]	23,095
Map2k7	Rattus norvegicus mitogen activated protein kinase kinase 7 (Map2k7), mRNA [NM_001025425]	23,086
Mapkapk2	Rattus norvegicus mitogen-activated protein kinase-activated protein kinase 2 (Mapkapk2), mRNA [NM_178102]	23,080

0	family with sequence similarity 184, member A Gene [Source:MGI Symbol;Acc:MGI:1923156] [ENSRNOT00000000475]	23,077
Olr1395	Rattus norvegicus olfactory receptor 1395 (Olr1395), mRNA [NM_001001092]	23,074
Ust	Rattus norvegicus uronyl-2-sulfotransferase (Ust), mRNA [NM_001108458]	23,063
Man1c1	Rattus norvegicus mannosidase, alpha, class 1C, member 1 (Man1c1), mRNA [NM_001108687]	23,053
0	CR467520 Rat pBluescript Lion Rattus norvegicus cDNA clone LIONp463D12400 3', mRNA sequence [CR467520]	23,053
Reep1	Rattus norvegicus receptor accessory protein 1 (Reep1), nuclear gene encoding mitochondrial protein, mRNA [NM_001108633]	23,050
RGD1307621	Rattus norvegicus hypothetical LOC314168 (RGD1307621), mRNA [NM_001108025]	23,049
Dlgap2	Rattus norvegicus discs, large (Drosophila) homolog-associated protein 2 (Dlgap2), mRNA [NM_053901]	23,047
RGD1308782	Rattus norvegicus similar to Zinc finger protein OZF (POZF-1) (RGD1308782), mRNA [NM_001025677]	23,041
0	Echinoderm microtubule-associated protein-like 5 [Source:UniProtKB/Swiss-Prot;Acc:Q6ED65] [ENSRNOT00000005978]	23,036
0	PREDICTED: Rattus norvegicus RALBP1 associated Eps domain containing 2 (Reps2), miscRNA [XR_085945]	23,031
LOC100364162	PREDICTED: Rattus norvegicus ring finger protein 11-like (LOC100364162), mRNA [XM_002726577]	23,029
Scmh1	Rattus norvegicus sex comb on midleg homolog 1 (Drosophila) (Scmh1), mRNA [NM_001109669]	23,026
Hist3h2a	Rattus norvegicus histone cluster 3, H2a (Hist3h2a), mRNA [NM_021840]	23,025
Arl2bp	Rattus norvegicus ADP-ribosylation factor-like 2 binding protein (Arl2bp), mRNA [NM_001024906]	23,021
Fam123a	PREDICTED: Rattus norvegicus family with sequence similarity 123A, transcript variant 2 (Fam123a), mRNA [XM_573799]	23,016
Ascl5	PREDICTED: Rattus norvegicus achaete-scute complex homolog 5 (Drosophila) (Ascl5), mRNA [XM_344144]	23,014
RGD1560891	RCG36219Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACQ4] [ENSRNOT00000044006]	22,996
Fam12b	Rattus norvegicus family with sequence similarity 12, member B (epididymal) (Fam12b), mRNA [NM_178103]	22,992
Cry2	Rattus norvegicus cryptochrome 2 (photolyase-like) (Cry2), mRNA [NM_133405]	22,991
RGD1566264	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFF1] [ENSRNOT00000051929]	22,989
Mavs	Rattus norvegicus mitochondrial antiviral signaling protein (Mavs), nuclear gene encoding mitochondrial protein, mRNA [NM_001005556]	22,980
Tnni2	Rattus norvegicus troponin I type 2 (skeletal, fast) (Tnni2), mRNA [NM_017185]	22,978
Bcl2l1	Rattus norvegicus Bcl2-like 1 (Bcl2l1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA [NM_001033670]	22,977
Cyp4f6	Rattus norvegicus cytochrome P450, family 4, subfamily f, polypeptide 6 (Cyp4f6), mRNA [NM_153318]	22,958
Hsd17b7	Rattus norvegicus hydroxysteroid (17-beta) dehydrogenase 7 (Hsd17b7), mRNA [NM_017235]	22,941
Ahcy1	Rattus norvegicus adenosylhomocysteinase-like 1 (Ahcy1), mRNA [NM_001108561]	22,931
Nras	Rattus norvegicus neuroblastoma ras oncogene (Nras), mRNA [NM_080766]	22,929
Prok2	Rattus norvegicus prokineticin 2 (Prok2), transcript variant 1, mRNA [NM_001037541]	22,921
DbnDD2	Rattus norvegicus dysbindin (dystrobrevin binding protein 1) domain containing 2 (DbnDD2), mRNA [NM_001047111]	22,916
Arhgap26	Rattus norvegicus Rho GTPase activating protein 26 (Arhgap26), mRNA [NM_001107389]	22,910
Gatm	Rattus norvegicus glycine amidinotransferase (L-arginine:glycine amidinotransferase) (Gatm), nuclear gene encoding mitochondrial protein, mRNA [NM_031031]	22,906
Lrba	Rattus norvegicus LPS-responsive vesicle trafficking, beach and anchor containing (Lrba), mRNA [NM_001108555]	22,904

Gabrb2	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, beta 2 (Gabrb2), mRNA [NM_012957]	22,897
0	Q8R1R5_RAT (Q8R1R5) MIC2L1, partial (9%) [TC628118]	22,897
RGD1311249	Rattus norvegicus similar to RIKEN cDNA B230312A22 (RGD1311249), mRNA [NM_001013931]	22,890
Dmd	Rattus norvegicus dystrophin (Dmd), transcript variant Dp71c, mRNA [NM_001005246]	22,890
Arfgap3	Rattus norvegicus ADP-ribosylation factor GTPase activating protein 3 (Arfgap3), mRNA [NM_001044273]	22,882
Hormad2	Rattus norvegicus HORMA domain containing 2 (Hormad2), mRNA [NM_001017501]	22,880
0	Unknown	22,876
Rhbdl3	Rattus norvegicus rhomboid, veinlet-like 3 (Drosophila) (Rhbdl3), mRNA [NM_001105819]	22,856
0	Rattus norvegicus activity and neurotransmitter-induced early gene 2 (ania-2) mRNA, 3'UTR. [AF030087]	22,855
Pycl	Rattus norvegicus pyrroline-5-carboxylate reductase-like (Pycl), mRNA [NM_001011993]	22,847
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4B0] [ENSRNOT00000032008]	22,847
Wipf2	Rattus norvegicus WAS/WASL interacting protein family, member 2 (Wipf2), mRNA [NM_001191825]	22,842
Fam25a	Rattus norvegicus family with sequence similarity 25, member A (Fam25a), mRNA [NM_001134849]	22,839
Tmem101	Rattus norvegicus transmembrane protein 101 (Tmem101), mRNA [NM_001191650]	22,837
Lhfp13	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AA53] [ENSRNOT00000043281]	22,833
Fbxo42	Rattus norvegicus F-box protein 42 (Fbxo42), mRNA [NM_001108691]	22,825
0	RCG37698, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAY1] [ENSRNOT00000037022]	22,823
Arhgef11	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 11 (Arhgef11), mRNA [NM_023982]	22,819
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC291941), mRNA [XM_226367]	22,815
0	Unknown	22,811
Synj1	Rattus norvegicus synaptojanin 1 (Synj1), mRNA [NM_053476]	22,809
0	Unknown	22,807
Sall3	Rattus norvegicus sal-like 3 (Drosophila) (Sall3), mRNA [NM_001108892]	22,794
0	Unknown	22,793
0	GLIS family zinc finger 1 (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5Q8] [ENSRNOT00000032433]	22,790
Gabrb1	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, beta 1 (Gabrb1), mRNA [NM_012956]	22,786
LOC313672	Rattus norvegicus kazrin (LOC313672), mRNA [NM_001014070]	22,782
Abi2	Rattus norvegicus abl-interactor 2 (Abi2), mRNA [NM_173143]	22,782
Spon1	Rattus norvegicus spondin 1, extracellular matrix protein (Spon1), mRNA [NM_172067]	22,769
LOC498662	Rattus norvegicus similar to RIKEN cDNA 2610019F03 (LOC498662), mRNA [NM_001100791]	22,766
Stox2	Rattus norvegicus storkhead box 2 (Stox2), transcript variant 1, mRNA [NM_001134863]	22,762
Rab3b	Rattus norvegicus RAB3B, member RAS oncogene family (Rab3b), mRNA [NM_031091]	22,757
RGD1565310	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1110018J12 (RGD1565310), mRNA [XM_001057346]	22,748
RGD1565183	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG08] [ENSRNOT00000049254]	22,748

Msl2	PREDICTED: Rattus norvegicus male-specific lethal 2-like 1 (Drosophila) (Msl2l1), mRNA [XM_001071576]	22,742
0	Unknown	22,741
Slc25a42	Rattus norvegicus solute carrier family 25, member 42 (Slc25a42), mRNA [NM_001127590]	22,741
LOC296300	Rattus norvegicus similar to zinc finger protein 341 (LOC296300), mRNA [NM_001047859]	22,737
Plekhg2	Rattus norvegicus pleckstrin homology domain containing, family G (with RhoGef domain) member 2 (Plekhg2), mRNA [NM_001134972]	22,733
Dhcr24	Rattus norvegicus 24-dehydrocholesterol reductase (Dhcr24), mRNA [NM_001080148]	22,730
Pak3	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 3 (Pak3), mRNA [NM_019210]	22,730
Scaf1	Rattus norvegicus SR-related CTD-associated factor 1 (Scaf1), mRNA [NM_019384]	22,730
Hlf	PREDICTED: Rattus norvegicus hepatic leukemia factor (Hlf), mRNA [XM_001081149]	22,728
Hcrt	Rattus norvegicus hypocretin (Hcrt), mRNA [NM_013179]	22,723
0	Unknown	22,713
Gria2	Rattus norvegicus glutamate receptor, ionotropic, AMPA 2 (Gria2), transcript variant 2, mRNA [NM_001083811]	22,707
Pcsk6	Rattus norvegicus proprotein convertase subtilisin/kexin type 6 (Pcsk6), mRNA [NM_012999]	22,700
Scn11a	Rattus norvegicus sodium channel, voltage-gated, type XI, alpha (Scn11a), mRNA [NM_019265]	22,692
Tmem8b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AD81] [ENSRNOT00000021227]	22,692
Rnf216	Rattus norvegicus ring finger protein 216 (Rnf216), mRNA [NM_001107122]	22,687
0	U2af2 protein [Source:UniProtKB/TrEMBL;Acc:Q5EB64] [ENSRNOT00000021391]	22,686
Golga7	Rattus norvegicus golgi autoantigen, golgin subfamily a, 7 (Golga7), mRNA [NM_001007731]	22,685
Zdhhc3	Rattus norvegicus zinc finger, DHHC-type containing 3 (Zdhhc3), mRNA [NM_001039014]	22,681
Cnih2	Rattus norvegicus cornichon homolog 2 (Drosophila) (Cnih2), mRNA [NM_001025132]	22,680
Ube2o	PREDICTED: Rattus norvegicus ubiquitin-conjugating enzyme E2O (Ube2o), mRNA [XM_001081723]	22,679
Sgsm1	Rattus norvegicus small G protein signaling modulator 1 (Sgsm1), mRNA [NM_001105937]	22,677
Ftsjd2	Rattus norvegicus FtsJ methyltransferase domain containing 2 (Ftsjd2), mRNA [NM_001014031]	22,673
RGD1562629	PREDICTED: Rattus norvegicus similar to neurobeachin (RGD1562629), miscRNA [XR_085753]	22,671
Acss1	Rattus norvegicus acyl-CoA synthetase short-chain family member 1 (Acss1), nuclear gene encoding mitochondrial protein, mRNA [NM_001106524]	22,668
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE00] [ENSRNOT00000026030]	22,667
Tulp4	Rattus norvegicus tubby like protein 4 (Tulp4), mRNA [NM_001109137]	22,665
Pde1a	Rattus norvegicus phosphodiesterase 1A, calmodulin-dependent (Pde1a), mRNA [NM_030871]	22,660
Gas7	Rattus norvegicus mRNA for GAS-7 protein. [AJ131902]	22,655
Elovl1	Rattus norvegicus elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1 (Elovl1), mRNA [NM_001044275]	22,653
Olr1535	Rattus norvegicus olfactory receptor 1535 (Olr1535), mRNA [NM_001000945]	22,645
Stfa2l1	Rattus norvegicus stefin A2-like 1 (Stfa2l1), mRNA [NM_001004129]	22,644
0	Unknown	22,638

Capza1	Rattus norvegicus capping protein (actin filament) muscle Z-line, alpha 1 (Capza1), mRNA [NM_001109625]	22,634
Rimbp2	Rattus norvegicus RIM binding protein 2 (Rimbp2), mRNA [NM_001100488]	22,632
Hspc159	Rattus norvegicus galectin-related protein (Hspc159), mRNA [NM_001134730]	22,630
0	Unknown	22,627
Taf10	Rattus norvegicus TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf10), mRNA [NM_001134735]	22,627
Fchsd2	Rattus norvegicus FCH and double SH3 domains 2 (Fchsd2), mRNA [NM_001107539]	22,623
Slc44a2	Rattus norvegicus solute carrier family 44, member 2 (Slc44a2), mRNA [NM_001134715]	22,613
Lhfp	Rattus norvegicus lipoma HMGIC fusion partner (Lhfp), mRNA [NM_001109183]	22,607
0	Unknown	22,603
Cdc42	Rattus norvegicus cell division cycle 42 (GTP binding protein) (Cdc42), mRNA [NM_171994]	22,601
RGD1309586	Rattus norvegicus similar to probable ATP-dependent RNA helicase - mouse (RGD1309586), mRNA [NM_001108858]	22,595
Galnt1	Polypeptide N-acetylgalactosaminyltransferase 1Polypeptide N-acetylgalactosaminyltransferase 1 soluble form [Source:UniProtKB/Swiss-Prot;Acc:Q10473] [ENSRNOT00000022117]	22,591
Slc10a7	Rattus norvegicus solute carrier family 10 (sodium/bile acid cotransporter family), member 7 (Slc10a7), mRNA [NM_001010948]	22,589
LOC684998	PREDICTED: Rattus norvegicus hypothetical protein LOC684998 (LOC684998), mRNA [XM_001061848]	22,582
RGD1306595	Rattus norvegicus similar to hypothetical protein (RGD1306595), mRNA [NM_001025626]	22,581
Kdelr1	Rattus norvegicus KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1 (Kdelr1), mRNA [NM_001017385]	22,579
Zfp384	Rattus norvegicus zinc finger protein 384 (Zfp384), transcript variant 1, mRNA [NM_133429]	22,579
A2bp1	Rattus norvegicus ataxin 2 binding protein 1 (A2bp1), mRNA [NM_001106974]	22,569
Fam195b	Rattus norvegicus family with sequence similarity 195, member B (Fam195b), mRNA [NM_001108311]	22,567
Tspan11	Rattus norvegicus tetraspanin 11 (Tspan11), mRNA [NM_001024262]	22,557
Add1	Rattus norvegicus adducin 1 (alpha) (Add1), mRNA [NM_016990]	22,555
Slc9a7	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 7 (Slc9a7), mRNA [NM_001108242]	22,553
Ppbp	Rattus norvegicus pro-platelet basic protein (chemokine (C-X-C motif) ligand 7) (Ppbp), mRNA [NM_153721]	22,551
RGD1311084	Rattus norvegicus similar to 1700113K14Rik protein (RGD1311084), mRNA [NM_001100979]	22,549
0	CFP1_MOUSE (Q8BGU5) Cyclin fold protein 1, partial (69%) [TC584108]	22,544
Thtpa	Rattus norvegicus thiamine triphosphatase (Thtpa), mRNA [NM_001007682]	22,537
Clint1	Rattus norvegicus clathrin interactor 1 (Clint1), mRNA [NM_001002022]	22,536
Inpp5a	inositol polyphosphate-5-phosphatase A [Source:RefSeq peptide;Acc:NP_001102393] [ENSRNOT00000054890]	22,533
Ugt1a6	Rattus norvegicus UDP glucuronosyltransferase 1 family, polypeptide A6 (Ugt1a6), transcript variant 1, mRNA [NM_001039691]	22,520
Pvrl3	Rattus norvegicus poliovirus receptor-related 3 (Pvrl3), mRNA [NM_001105883]	22,518
Chic1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJX3] [ENSRNOT00000015693]	22,511
Bri3bp	Rattus norvegicus Bri3 binding protein (Bri3bp), mRNA [NM_001017487]	22,506
Nf2	Rattus norvegicus neurofibromin 2 (merlin) (Nf2), mRNA [NM_013193]	22,500

Rnf40	Rattus norvegicus ring finger protein 40 (Rnf40), mRNA [NM_153471]	22,500
Cox11	Rattus norvegicus COX11 homolog, cytochrome c oxidase assembly protein (yeast) (Cox11), nuclear gene encoding mitochondrial protein, mRNA [NM_001109575]	22,498
Nsd1	Rattus norvegicus nuclear receptor binding SET domain protein 1 (Nsd1), mRNA [NM_001107337]	22,497
Cic	Rattus norvegicus capicua homolog (Drosophila) (Cic), mRNA [NM_001107490]	22,490
Rybp	Rattus norvegicus RING1 and YY1 binding protein (Rybp), mRNA [NM_001107879]	22,489
Zbtb7a	Rattus norvegicus zinc finger and BTB domain containing 7a (Zbtb7a), mRNA [NM_054002]	22,467
Synj1	Rattus norvegicus synaptojanin 1 (Synj1), mRNA [NM_053476]	22,465
F2r	Rattus norvegicus coagulation factor II (thrombin) receptor (F2r), mRNA [NM_012950]	22,464
Trpc4ap	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 4 associated protein (Trpc4ap), mRNA [NM_001100748]	22,463
LOC688741	PREDICTED: Rattus norvegicus hypothetical protein LOC688741 (LOC688741), mRNA [XM_002724948]	22,462
Tbc1d24	Rattus norvegicus TBC1 domain family, member 24 (Tbc1d24), mRNA [NM_001105769]	22,461
Gabbr1	Rattus norvegicus GABA B receptor 1g mRNA, complete cds. [AF312319]	22,452
LOC680955	RCG43690, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHC6] [ENSRNOT00000061674]	22,447
LOC100365064	PREDICTED: Rattus norvegicus zinc finger protein, multitype 1-like (LOC100365064), mRNA [XM_002725423]	22,445
LOC681351	PREDICTED: Rattus norvegicus similar to apolipoprotein L, 3 (LOC681351), mRNA [XM_001061370]	22,442
Nipsnap3b	Rattus norvegicus nipsnap homolog 3B (C. elegans) (Nipsnap3b), mRNA [NM_001009422]	22,436
Eif4e3	Rattus norvegicus eukaryotic translation initiation factor 4E family member 3 (Eif4e3), mRNA [NM_001106612]	22,431
0	Unknown	22,429
Gga3	Rattus norvegicus golgi associated, gamma adaptin ear containing, ARF binding protein 3 (Gga3), mRNA [NM_001108304]	22,421
Pxn	Rattus norvegicus paxillin (Pxn), mRNA [NM_001012147]	22,420
Ccdc71	Rattus norvegicus coiled-coil domain containing 71 (Ccdc71), mRNA [NM_001024904]	22,417
0	Rattus norvegicus TL0AEA68YG04 mRNA sequence. [FQ231741]	22,411
Mageb17	PREDICTED: Rattus norvegicus melanoma antigen family B, 17 (Mageb17), mRNA [XM_001063539]	22,397
Npc2	Rattus norvegicus Niemann-Pick disease, type C2 (Npc2), mRNA [NM_173118]	22,390
Znf703	Rattus norvegicus zinc finger protein 703 (Znf703), mRNA [NM_001109425]	22,388
Hist1h2bc	Rattus norvegicus histone cluster 1, H2bc (Hist1h2bc), mRNA [NM_001109400]	22,383
Dscam11	Rattus norvegicus Down syndrome cell adhesion molecule-like 1 (Dscam11), mRNA [NM_001108141]	22,372
Rorb	Nuclear receptor ROR-beta [Source:UniProtKB/Swiss-Prot;Acc:P45446] [ENSRNOT00000018137]	22,372
Zfp563	Rattus norvegicus zinc finger protein 563 (Zfp563), mRNA [NM_001134561]	22,355
0	EST231431 Normalized rat ovary, Bento Soares Rattus sp. cDNA clone ROVCI85 3' end, mRNA sequence [AI234869]	22,355
Casp7	Rattus norvegicus caspase 7 (Casp7), mRNA [NM_022260]	22,353
Kcnip4	Rattus norvegicus Kv channel interacting protein 4 (Kcnip4), mRNA [NM_181365]	22,351
Cyp51	Rattus norvegicus cytochrome P450, family 51 (Cyp51), mRNA [NM_012941]	22,349

Gria1	Rattus norvegicus glutamate receptor, ionotropic, AMPA 1 (Gria1), mRNA [NM_031608]	22,337
Zbtb2	Rattus norvegicus zinc finger and BTB domain containing 2 (Zbtb2), mRNA [NM_001107460]	22,334
Slc35e1	Rattus norvegicus solute carrier family 35, member E1 (Slc35e1), mRNA [NM_001109107]	22,329
0	Unknown	22,327
Srr	Rattus norvegicus serine racemase (Srr), mRNA [NM_198757]	22,322
Prkab2	Rattus norvegicus protein kinase, AMP-activated, beta 2 non-catalytic subunit (Prkab2), mRNA [NM_022627]	22,317
Mta1	Rattus norvegicus metastasis associated 1 (Mta1), mRNA [NM_022588]	22,317
Grik2	Glutamate receptor, ionotropic kainate 2 [Source:UniProtKB/Swiss-Prot;Acc:P42260] [ENSRNOT00000000415]	22,308
N4bp1	PREDICTED: Rattus norvegicus Nedd4 binding protein 1 (N4bp1), mRNA [XM_001068071]	22,308
Robo1	Rattus norvegicus roundabout homolog 1 (Drosophila) (Robo1), mRNA [NM_022188]	22,305
RGD1566107	Rattus norvegicus similar to cAMP responsive element binding protein 5 (RGD1566107), mRNA [NM_001134621]	22,300
Nt5dc3	Rattus norvegicus 5'-nucleotidase domain containing 3 (Nt5dc3), mRNA [NM_001134887]	22,299
Csde1	Rattus norvegicus cold shock domain containing E1, RNA binding (Csde1), mRNA [NM_054006]	22,299
Arpc4	Rattus norvegicus actin related protein 2/3 complex, subunit 4 (Arpc4), mRNA [NM_001106615]	22,298
RGD1564887	PREDICTED: Rattus norvegicus similar to 9130011E15Rik protein (RGD1564887), mRNA [XM_574677]	22,297
Rela	Rattus norvegicus v-rel reticuloendotheliosis viral oncogene homolog A (avian) (Rela), mRNA [NM_199267]	22,296
Erg	Rattus norvegicus v-ets erythroblastosis virus E26 oncogene homolog (avian) (Erg), mRNA [NM_133397]	22,292
0	PREDICTED: Rattus norvegicus similar to sidekick 1 (RGD1560686), miscRNA [XR_085987]	22,284
Rin2	Rattus norvegicus Ras and Rab interactor 2 (Rin2), mRNA [NM_001107786]	22,284
Rasl11a	Rattus norvegicus RAS-like family 11 member A (Rasl11a), mRNA [NM_001002829]	22,279
Rsad2	Rattus norvegicus radical S-adenosyl methionine domain containing 2 (Rsad2), mRNA [NM_138881]	22,278
Igsf1	Rattus norvegicus immunoglobulin superfamily, member 1 (Igsf1), mRNA [NM_175763]	22,276
Lsp1	Rattus norvegicus lymphocyte-specific protein 1 (Lsp1), mRNA [NM_001025420]	22,275
Ubqln4	Rattus norvegicus ubiquilin 4 (Ubqln4), mRNA [NM_001107688]	22,267
Lasp1	Rattus norvegicus LIM and SH3 protein 1 (Lasp1), mRNA [NM_032613]	22,265
Nod2	Rattus norvegicus nucleotide-binding oligomerization domain containing 2 (Nod2), mRNA [NM_001106172]	22,265
Fstl4	Rattus norvegicus follistatin-like 4 (Fstl4), mRNA [NM_001107000]	22,261
Camk1g	Rattus norvegicus calcium/calmodulin-dependent protein kinase IG (Camk1g), mRNA [NM_182842]	22,254
RT1-DMa	Rattus norvegicus RT1 class II, locus DMa (RT1-DMa), mRNA [NM_198741]	22,251
0	Unknown	22,250
Tspyl5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLU5] [ENSRNOT00000008227]	22,232
Slc25a39	Rattus norvegicus solute carrier family 25, member 39 (Slc25a39), mRNA [NM_001024792]	22,206
Tjap1	Rattus norvegicus tight junction associated protein 1 (Tjap1), mRNA [NM_001108203]	22,194
0	Unknown	22,193

0	Unknown	22,187
0	Unknown	22,185
Rnf150	Rattus norvegicus ring finger protein 150 (Rnf150), mRNA [NM_001191093]	22,183
0	Unknown	22,183
0	Unknown	22,182
0	Rattus norvegicus TL0ACA22YL15 mRNA sequence. [FQ217597]	22,180
Ptpn12	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 12 (Ptpn12), mRNA [NM_057115]	22,180
RGD1562035	PREDICTED: Rattus norvegicus similar to mast cell protease 1-like 3 precursor (RGD1562035), mRNA [XM_001057648]	22,179
Ppif	Rattus norvegicus peptidylprolyl isomerase F (Ppif), nuclear gene encoding mitochondrial protein, mRNA [NM_172243]	22,175
0	AGENCOURT_109870505 NIH_MGC_420 Rattus norvegicus cDNA clone IMAGE:9033411 5', mRNA sequence [EV768969]	22,166
Tomm34	Rattus norvegicus translocase of outer mitochondrial membrane 34 (Tomm34), nuclear gene encoding mitochondrial protein, mRNA [NM_001044244]	22,161
0	M-phase phosphoprotein 8 [Source:RefSeq peptide;Acc:NP_001017375] [ENSRNOT00000028112]	22,158
Flrt1	Rattus norvegicus fibronectin leucine rich transmembrane protein 1 (Flrt1), mRNA [NM_001109160]	22,154
0	Glucose-6-phosphate 1-dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D4A851] [ENSRNOT00000057468]	22,154
Grina	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding) (Grina), mRNA [NM_153308]	22,154
0	U2af2 protein [Source:UniProtKB/TrEMBL;Acc:Q5EB64] [ENSRNOT00000021391]	22,146
Fgf2	Rattus norvegicus fibroblast growth factor 2 (Fgf2), mRNA [NM_019305]	22,144
Slc7a14	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 14 (Slc7a14), mRNA [NM_001134615]	22,143
Sos1	Rattus norvegicus Son of sevenless homolog 1 (Drosophila) (Sos1), mRNA [NM_001100716]	22,143
Tfg	Rattus norvegicus Trk-fused gene (Tfg), mRNA [NM_001012144]	22,142
Syt17	Rattus norvegicus synaptotagmin XVII (Syt17), mRNA [NM_138849]	22,142
Fam43a	Rattus norvegicus family with sequence similarity 43, member A (Fam43a), mRNA [NM_001039002]	22,140
Fgd1	Rattus norvegicus FYVE, RhoGEF and PH domain containing 1 (Fgd1), mRNA [NM_001037546]	22,128
Cygb	Rattus norvegicus cytoglobin (Cygb), mRNA [NM_130744]	22,125
Hsd17b11	Rattus norvegicus hydroxysteroid (17-beta) dehydrogenase 11 (Hsd17b11), mRNA [NM_001004209]	22,121
Slc43a2	Rattus norvegicus solute carrier family 43, member 2 (Slc43a2), mRNA [NM_001105812]	22,117
0	RVL15663 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV723748]	22,108
Rnf216	Rattus norvegicus ring finger protein 216 (Rnf216), mRNA [NM_001107122]	22,107
Kcnq1	Rattus norvegicus potassium voltage-gated channel, KQT-like subfamily, member 1 (Kcnq1), mRNA [NM_032073]	22,104
Ext1	Rattus norvegicus exostoses (multiple) 1 (Ext1), mRNA [NM_001130540]	22,094
Ifnar1	Rattus norvegicus interferon (alpha, beta and omega) receptor 1 (Ifnar1), mRNA [NM_001105893]	22,093
Bsn	Rattus norvegicus bassoon (Bsn), mRNA [NM_019146]	22,093
0	Unknown	22,091

Rap2ip	Rattus norvegicus Rap2 interacting protein (Rap2ip), mRNA [NM_198758]	22,082
Gcnt2	Rattus norvegicus glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (Gcnt2), mRNA [NM_001001511]	22,079
LOC100360337	PREDICTED: Rattus norvegicus zinc finger protein 128 (LOC100360337), mRNA [XM_002725494]	22,078
Lrfn1	Rattus norvegicus leucine rich repeat and fibronectin type III domain containing 1 (Lrfn1), transcript variant 1, mRNA [NM_001127694]	22,076
Lce1l	Rattus norvegicus late cornified envelope 1L (Lce1l), mRNA [NM_001109493]	22,076
Foxk1	Rattus norvegicus forkhead box K1 (Foxk1), mRNA [NM_001037219]	22,070
0	EST350998 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIGF73 5' end, mRNA sequence [AW919694]	22,066
Nf2	Rattus norvegicus neurofibromin 2 (merlin) (Nf2), mRNA [NM_013193]	22,066
Eif4g2	Rattus norvegicus eukaryotic translation initiation factor 4, gamma 2 (Eif4g2), mRNA [NM_001017374]	22,063
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR73] [ENSRNOT00000054883]	22,062
Sumo2	Rattus norvegicus SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae) (Sumo2), mRNA [NM_133594]	22,056
Sssca1	Rattus norvegicus Sjogren's syndrome/scleroderma autoantigen 1 homolog (human) (Sssca1), mRNA [NM_001109537]	22,054
Cldn12	Rattus norvegicus claudin 12 (Cldn12), mRNA [NM_001100813]	22,050
Cacna1e	Rattus norvegicus voltage-activated calcium channel alpha-1 subunit (rbe-ii) mRNA, complete cds. [L15453]	22,047
Egfr	Rattus norvegicus epidermal growth factor receptor (Egfr), mRNA [NM_031507]	22,040
Dlg3	Rattus norvegicus discs, large homolog 3 (Drosophila) (Dlg3), mRNA [NM_031639]	22,037
Arhgef2	Rattus norvegicus rho/rac guanine nucleotide exchange factor (GEF) 2 (Arhgef2), mRNA [NM_001012079]	22,034
Id2	Rattus norvegicus inhibitor of DNA binding 2 (Id2), mRNA [NM_013060]	22,026
Eid1	Rattus norvegicus EP300 interacting inhibitor of differentiation 1 (Eid1), mRNA [NM_001109205]	22,022
Scgb1a1	Rattus norvegicus secretoglobin, family 1A, member 1 (uteroglobin) (Scgb1a1), mRNA [NM_013051]	22,020
Ncoa1	Rattus norvegicus nuclear receptor coactivator 1 (Ncoa1), mRNA [NM_001108012]	22,019
Tmem185b	Rattus norvegicus transmembrane protein 185B (Tmem185b), mRNA [NM_001191668]	22,013
Sorbs3	Rattus norvegicus sorbin and SH3 domain containing 3 (Sorbs3), mRNA [NM_001005762]	22,012
LOC685890	PREDICTED: Rattus norvegicus hypothetical protein LOC685890 (LOC685890), mRNA [XM_001065654]	22,008
Tpm1	Rattus norvegicus tropomyosin 1, alpha (Tpm1), transcript variant 2, mRNA [NM_001034069]	22,002
Zfp346	Rattus norvegicus zinc finger protein 346 (Zfp346), mRNA [NM_001107338]	22,001
Neto1	Rattus norvegicus neuropilin (NRP) and tolloid (TLL)-like 1 (Neto1), mRNA [NM_001107371]	21,999
Trim5	Rattus norvegicus tripartite motif-containing 5 (Trim5), mRNA [NM_001014023]	21,995
Gpr137	Rattus norvegicus G protein-coupled receptor 137 (Gpr137), mRNA [NM_001109562]	21,994
Slc38a6	Rattus norvegicus solute carrier family 38, member 6 (Slc38a6), mRNA [NM_001013099]	21,989
Spg20	Rattus norvegicus spastic paraplegia 20 (Troyer syndrome) homolog (human) (Spg20), mRNA [NM_001106433]	21,987
Cops7a	Rattus norvegicus COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) (Cops7a), transcript variant 2, mRNA [NM_001047098]	21,985
Zfp39	Rattus norvegicus zinc finger protein 39 (Zfp39), mRNA [NM_001107004]	21,975

RGD1311095	Rattus norvegicus similar to hypothetical protein FLJ20259 (RGD1311095), mRNA [NM_001134532]	21,974
Il17b	Rattus norvegicus interleukin 17B (Il17b), mRNA [NM_053789]	21,972
R3hdm1	Rattus norvegicus R3H domain containing 1 (R3hdm1), mRNA [NM_001134867]	21,965
E2f6	Rattus norvegicus E2F transcription factor 6 (E2f6), mRNA [NM_001100717]	21,965
0	Cytochrome c oxidase subunit 3 [Source:UniProtKB/Swiss-Prot;Acc:P05505] [ENSRNOT00000049683]	21,961
Sdc3	Rattus norvegicus syndecan 3 (Sdc3), mRNA [NM_053893]	21,957
Ccdc49	Rattus norvegicus coiled-coil domain containing 49 (Ccdc49), mRNA [NM_001108295]	21,956
Sap130	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLP9] [ENSRNOT00000022761]	21,947
Faf2	Rattus norvegicus Fas associated factor family member 2 (Faf2), mRNA [NM_001017445]	21,947
Kif3c	Rattus norvegicus kinesin family member 3C (Kif3c), mRNA [NM_053486]	21,939
0	Rattus norvegicus similar to cytoplasmic beta-actin (LOC302827), mRNA [XM_229147]	21,933
Exd2	Rattus norvegicus exonuclease 3'-5' domain containing 2 (Exd2), mRNA [NM_001108715]	21,931
Pou3f2	Rattus norvegicus POU class 3 homeobox 2 (Pou3f2), mRNA [NM_172085]	21,929
Arhgdib	Rattus norvegicus Rho, GDP dissociation inhibitor (GDI) beta (Arhgdib), mRNA [NM_001009600]	21,926
Stox2	Rattus norvegicus storkhead box 2 (Stox2), transcript variant 2, mRNA [NM_173107]	21,917
Gtf3c5	Rattus norvegicus general transcription factor IIIC, polypeptide 5 (Gtf3c5), mRNA [NM_001079941]	21,917
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD05] [ENSRNOT00000014135]	21,917
Clcn3	Rattus norvegicus chloride channel 3 (Clcn3), mRNA [NM_053363]	21,915
0	Unknown	21,912
B3gnt2	Rattus norvegicus UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 (B3gnt2), mRNA [NM_001107240]	21,904
Slc18a2	Rattus norvegicus solute carrier family 18 (vesicular monoamine), member 2 (Slc18a2), mRNA [NM_013031]	21,901
Apom	Rattus norvegicus apolipoprotein M (Apom), mRNA [NM_019373]	21,889
0	Rattus norvegicus similar to lacrimal gland protein (LOC365230), mRNA [XM_344882]	21,885
Tcta	Rattus norvegicus T-cell leukemia translocation altered gene (Tcta), mRNA [NM_001014005]	21,882
Prpc	Rattus norvegicus prolylcarboxypeptidase (angiotensinase C) (Prpc), mRNA [NM_001106281]	21,877
0	FQ099121 Rattus norvegicus brain Sprague-Dawley Rattus norvegicus cDNA 5', mRNA sequence [FQ099121]	21,871
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJE3] [ENSRNOT00000057150]	21,861
Ahcyl2	Rattus norvegicus adenosylhomocysteinase-like 2 (Ahcyl2), mRNA [NM_001173510]	21,852
Zfp192	Rattus norvegicus zinc finger protein 192 (Zfp192), mRNA [NM_001100574]	21,841
Vldlr	Rattus norvegicus very low density lipoprotein receptor (Vldlr), mRNA [NM_013155]	21,840
Ahrr	Rattus norvegicus aryl-hydrocarbon receptor repressor (Ahrr), mRNA [NM_001024285]	21,839
Ep300	PREDICTED: Rattus norvegicus E1A binding protein p300 (Ep300), mRNA [XM_576312]	21,831
Fam120a	Rattus norvegicus family with sequence similarity 120A (Fam120a), mRNA [NM_001191816]	21,829
Nhp2l1	Rattus norvegicus NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae) (Nhp2l1), mRNA [NM_212515]	21,822

Efr3a	Rattus norvegicus EFR3 homolog A (<i>S. cerevisiae</i>) (Efr3a), mRNA [NM_001130564]	21,821
Fam3a	Rattus norvegicus family with sequence similarity 3, member A (Fam3a), mRNA [NM_001109324]	21,819
0	Unknown	21,819
Rcor3	Rattus norvegicus REST corepressor 3 (Rcor3), mRNA [NM_001134985]	21,818
RGD1305733	Rattus norvegicus similar to RIKEN cDNA 2900011O08 (RGD1305733), mRNA [NM_001014114]	21,816
0	Rattus norvegicus similar to mKIAA1107 protein (LOC305122), mRNA [XM_223143]	21,809
Cks2	Rattus norvegicus CDC28 protein kinase regulatory subunit 2 (Cks2), mRNA [NM_001126083]	21,802
0	Unknown	21,795
Dclk1	Rattus norvegicus doublecortin-like kinase 1 (Dclk1), transcript variant 1, mRNA [NM_053343]	21,793
Mfap3	Rattus norvegicus microfibrillar-associated protein 3 (Mfap3), mRNA [NM_001007609]	21,792
0	Unknown	21,792
Calb2	Rattus norvegicus calbindin 2 (Calb2), mRNA [NM_053988]	21,778
0	Unknown	21,775
Rnf13	Rattus norvegicus ring finger protein 13 (Rnf13), mRNA [NM_001109444]	21,775
Grb10	Rattus norvegicus growth factor receptor bound protein 10 (Grb10), mRNA [NM_001109093]	21,771
Grem2	Rattus norvegicus gremlin 2, cysteine knot superfamily, homolog (<i>Xenopus laevis</i>) (Grem2), mRNA [NM_001105974]	21,770
Pcdhb2	Rattus norvegicus protocadherin beta 2 (Pcdhb2), mRNA [NM_001109123]	21,769
Fam131b	Rattus norvegicus family with sequence similarity 131, member B (Fam131b), mRNA [NM_001025046]	21,764
0	Rattus norvegicus strain F344 hepatocyte malignant transforming factor mRNA, complete sequence. [GU969272]	21,753
Lrrc61	Rattus norvegicus leucine rich repeat containing 61 (Lrrc61), mRNA [NM_001109231]	21,753
Rere	Rattus norvegicus arginine-glutamic acid dipeptide (RE) repeats (Rere), mRNA [NM_053885]	21,727
RGD1310552	Rattus norvegicus similar to hypothetical protein MGC38960 (RGD1310552), mRNA [NM_001106838]	21,727
Grb2	Rattus norvegicus growth factor receptor bound protein 2 (Grb2), mRNA [NM_030846]	21,725
Per3	Rattus norvegicus period homolog 3 (<i>Drosophila</i>) (Per3), mRNA [NM_023978]	21,720
Pvrl2	Rattus norvegicus poliovirus receptor-related 2 (Pvrl2), mRNA [NM_001012064]	21,718
Polr3f	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide F (Polr3f), mRNA [NM_001107784]	21,706
Slc16a14	Rattus norvegicus solute carrier family 16, member 14 (monocarboxylic acid transporter 14) (Slc16a14), mRNA [NM_001108229]	21,706
Rrp7a	Rattus norvegicus ribosomal RNA processing 7 homolog A (<i>S. cerevisiae</i>) (Rrp7a), mRNA [NM_001130568]	21,698
Abhd12	Rattus norvegicus abhydrolase domain containing 12 (Abhd12), mRNA [NM_001024314]	21,690
Rnf126	Rattus norvegicus ring finger protein 126 (Rnf126), mRNA [NM_001033702]	21,678
Eif2c2	Rattus norvegicus eukaryotic translation initiation factor 2C, 2 (Eif2c2), mRNA [NM_021597]	21,670
0	Unknown	21,667
Pear1	Rattus norvegicus platelet endothelial aggregation receptor 1 (Pear1), mRNA [NM_001134959]	21,665
Pabpc1	Rattus norvegicus poly(A) binding protein, cytoplasmic 1 (Pabpc1), mRNA [NM_134353]	21,664

Eraf	Rattus norvegicus erythroid associated factor (Eraf), mRNA [NM_001106299]	21,661
LOC679547	PREDICTED: Rattus norvegicus hypothetical protein LOC679547 (LOC679547), mRNA [XM_002724484]	21,630
0	Unknown	21,619
0	Unknown	21,612
Etnk1	Rattus norvegicus ethanolamine kinase 1 (Etnk1), mRNA [NM_001107894]	21,604
Col5a3	Rattus norvegicus collagen, type V, alpha 3 (Col5a3), mRNA [NM_021760]	21,604
0	Unknown	21,602
Mxd4	Rattus norvegicus Max dimerization protein 4 (Mxd4), mRNA [NM_001108364]	21,591
Ncoa5	Rattus norvegicus nuclear receptor coactivator 5 (Ncoa5), mRNA [NM_001106543]	21,590
Gapt	Rattus norvegicus Grb2-binding adaptor protein, transmembrane (Gapt), mRNA [NM_001109491]	21,585
Ssh3	Rattus norvegicus slingshot homolog 3 (Drosophila) (Ssh3), mRNA [NM_001012217]	21,581
0	Unknown	21,577
Plbd2	Rattus norvegicus phospholipase B domain containing 2 (Plbd2), mRNA [NM_139255]	21,574
Pdgfrb	Rattus norvegicus platelet derived growth factor receptor, beta polypeptide (Pdgfrb), mRNA [NM_031525]	21,571
Fbxl17	Rattus norvegicus F-box and leucine-rich repeat protein 17 (Fbxl17), mRNA [NM_001108235]	21,561
Alcam	Rattus norvegicus activated leukocyte cell adhesion molecule (Alcam), mRNA [NM_031753]	21,560
Cks1b	Rattus norvegicus CDC28 protein kinase regulatory subunit 1B (Cks1b), mRNA [NM_001135749]	21,557
RGD1307682	Rattus norvegicus similar to hypothetical protein FLJ21827 (RGD1307682), mRNA [NM_001024760]	21,554
Chtf8	Rattus norvegicus CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae) (Chtf8), mRNA [NM_001194951]	21,553
0	Unknown	21,553
Myot	Rattus norvegicus myotilin (Myot), mRNA [NM_001106148]	21,552
Dnah11	PREDICTED: Rattus norvegicus dynein, axonemal, heavy chain 11 (Dnah11), mRNA [XM_001061747]	21,551
0	Unknown	21,551
Myo16	Rattus norvegicus myosin XVI (Myo16), mRNA [NM_138893]	21,548
Tpi1	Rattus norvegicus triosephosphate isomerase 1 (Tpi1), mRNA [NM_022922]	21,544
Add3	Rattus norvegicus adducin 3 (gamma) (Add3), transcript variant 1, mRNA [NM_001164103]	21,523
Ren	Rattus norvegicus renin (Ren), mRNA [NM_012642]	21,522
0	RCG22732Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEH2] [ENSRNOT00000037521]	21,522
Zbtb44	Rattus norvegicus zinc finger and BTB domain containing 44 (Zbtb44), mRNA [NM_001034942]	21,522
Blcap	Rattus norvegicus bladder cancer associated protein homolog (human) (Blcap), mRNA [NM_133582]	21,520
Lmbrd2	Rattus norvegicus LMBR1 domain containing 2 (Lmbrd2), mRNA [NM_001109177]	21,517
0	Unknown	21,512
Zmiz1	Rattus norvegicus zinc finger, MIZ-type containing 1 (Zmiz1), mRNA [NM_001108393]	21,512
Nr4a2	Rattus norvegicus nuclear receptor subfamily 4, group A, member 2 (Nr4a2), mRNA [NM_019328]	21,510

Sh3bgrl	Rattus norvegicus SH3 domain binding glutamic acid-rich protein like (Sh3bgrl), mRNA [NM_001173339]	21,509
Ube2l6	Rattus norvegicus ubiquitin-conjugating enzyme E2L 6 (Ube2l6), mRNA [NM_001024755]	21,507
0	Unknown	21,505
Zyx	Rattus norvegicus zyxin (Zyx), mRNA [NM_053761]	21,502
0	telomerase-binding protein EST1A [Source:RefSeq peptide;Acc:NP_001099278] [ENSRNOT00000052412]	21,500
0	Unknown	21,494
Csnk1g1	Rattus norvegicus casein kinase 1, gamma 1 (Csnk1g1), mRNA [NM_022288]	21,490
0	Unknown	21,490
0	Unknown	21,488
0	Unknown	21,485
Serf2	Rattus norvegicus small EDRK-rich factor 2 (Serf2), mRNA [NM_001098782]	21,471
Fam36a	Rattus norvegicus family with sequence similarity 36, member A (Fam36a), mRNA [NM_001105976]	21,470
Th	Rattus norvegicus tyrosine hydroxylase (Th), mRNA [NM_012740]	21,468
Tmem231	Transmembrane protein 231 [Source:UniProtKB/Swiss-Prot;Acc:Q5FVM1] [ENSRNOT00000031243]	21,463
Pcdhac2	Rattus norvegicus protocadherin alpha subfamily C, 2 (Pcdhac2), mRNA [NM_201422]	21,459
Eef2k	Eukaryotic elongation factor 2 kinase [Source:UniProtKB/Swiss-Prot;Acc:P70531] [ENSRNOT00000022726]	21,458
39508	Rattus norvegicus membrane-associated ring finger (C3HC4) 8 (March8), mRNA [NM_001107882]	21,448
Vwa5b1	Rattus norvegicus von Willebrand factor A domain containing 5B1 (Vwa5b1), mRNA [NM_001107988]	21,439
Arl5a	Rattus norvegicus ADP-ribosylation factor-like 5A (Arl5a), mRNA [NM_053979]	21,436
0	Unknown	21,433
Zfp84	Rattus norvegicus zinc finger protein 84 (Zfp84), mRNA [NM_001107500]	21,425
Rasgef1a	PREDICTED: Rattus norvegicus RasGEF domain family, member 1A (Rasgef1a), mRNA [XM_232315]	21,418
0	Unknown	21,413
Lgals9	Rattus norvegicus lectin, galactoside-binding, soluble, 9 (Lgals9), mRNA [NM_012977]	21,412
0	UI-R-C0-hz-h-08-0-UI.s1 UI-R-C0 Rattus norvegicus cDNA clone UI-R-C0-hz-h-08-0-UI 3', mRNA sequence [AA998304]	21,412
Rnf26	Rattus norvegicus ring finger protein 26 (Rnf26), mRNA [NM_001113748]	21,406
Slc10a3	Rattus norvegicus solute carrier family 10 (sodium/bile acid cotransporter family), member 3 (Slc10a3), mRNA [NM_001024368]	21,404
Rundc3b	Rattus norvegicus RUN domain containing 3B (Rundc3b), mRNA [NM_001047116]	21,403
0	Unknown	21,395
Dusp16	Rattus norvegicus dual specificity phosphatase 16 (Dusp16), mRNA [NM_001106624]	21,394
Rab6a	Rattus norvegicus RAB6A, member RAS oncogene family (Rab6a), mRNA [NM_053366]	21,391
0	Unknown	21,379
Ube2cbp	Rattus norvegicus ubiquitin-conjugating enzyme E2C binding protein (Ube2cbp), mRNA [NM_001039610]	21,378
Crat	Rattus norvegicus carnitine acetyltransferase (Crat), nuclear gene encoding mitochondrial protein, mRNA [NM_001004085]	21,375

Utrn	Rattus norvegicus utrophin (Utrn), mRNA [NM_013070]	21,369
0	Unknown	21,368
Plagl2	Rattus norvegicus pleiomorphic adenoma gene-like 2 (Plagl2), mRNA [NM_001106528]	21,365
Epm2a	Laforin [Source:UniProtKB/Swiss-Prot;Acc:Q91XQ2] [ENSRNOT00000061930]	21,365
0	Rattus norvegicus, 15 clones, strain BN/SsNHsdMCW RNOR03326388, whole genome shotgun sequence [AABR03129123]	21,355
Hnf1b	Rattus norvegicus HNF1 homeobox B (Hnf1b), mRNA [NM_013103]	21,352
0	Unknown	21,349
Accn1	Rattus norvegicus amiloride-sensitive cation channel 1, neuronal (Accn1), transcript variant 1, mRNA [NM_012892]	21,347
Irf2	Rattus norvegicus interferon regulatory factor 2 (Irf2), mRNA [NM_001047086]	21,347
Epb41I4a	Rattus norvegicus erythrocyte membrane protein band 4.1 like 4A (Epb41I4a), mRNA [NM_001107397]	21,346
Tmem176b	Rattus norvegicus transmembrane protein 176B (Tmem176b), mRNA [NM_134390]	21,340
LOC684861	PREDICTED: Rattus norvegicus similar to Indoleamine 2,3-dioxygenase (IDO) (Indoleamine-pyrrole 2,3-dioxygenase) (LOC684861), mRNA [XM_001072229]	21,337
Bcl6b	Rattus norvegicus B-cell CLL/lymphoma 6, member B (zinc finger protein) (Bcl6b), mRNA [NM_001108279]	21,336
Ythdf1	Rattus norvegicus YTH domain family, member 1 (Ythdf1), mRNA [NM_001024756]	21,332
Cx3cr1	Rattus norvegicus chemokine (C-X3-C motif) receptor 1 (Cx3cr1), mRNA [NM_133534]	21,332
0	UI-R-FJ0-cpz-f-19-0-UI.r1 UI-R-FJ0 Rattus norvegicus cDNA clone UI-R-FJ0-cpz-f-19-0-UI 5', mRNA sequence [CA512374]	21,331
0	RVL16467 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV724416]	21,328
0	Unknown	21,326
0	Unknown	21,323
Apobec1	Rattus norvegicus apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 (Apobec1), mRNA [NM_012907]	21,318
Jph1	Rattus norvegicus junctophilin 1 (Jph1), mRNA [NM_001106630]	21,294
Mmgt2	Rattus norvegicus membrane magnesium transporter 2 (Mmgt2), mRNA [NM_001013967]	21,292
Ypel5	Rattus norvegicus yippee-like 5 (Drosophila) (Ypel5), mRNA [NM_001035221]	21,290
Atxn7I2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9B8] [ENSRNOT00000037336]	21,290
Pygo1	Rattus norvegicus pygopus 1 (Pygo1), mRNA [NM_001191117]	21,281
BrunoI4	Rattus norvegicus bruno-like 4, RNA binding protein (Drosophila) (BrunoI4), mRNA [NM_001107400]	21,278
Ccdc6	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEK9] [ENSRNOT00000032159]	21,275
Tp53inp2	Tumor protein p53-inducible nuclear protein 2 [Source:UniProtKB/Swiss-Prot;Acc:Q8CHM3] [ENSRNOT00000055310]	21,273
Taf12	Rattus norvegicus TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf12), mRNA [NM_001115036]	21,266
Rpp25	Rattus norvegicus ribonuclease P 25 subunit (human) (Rpp25), mRNA [NM_001012124]	21,266
Hapln4	Rattus norvegicus hyaluronan and proteoglycan link protein 4 (Hapln4), mRNA [NM_001108398]	21,259
Znf142	Rattus norvegicus zinc finger protein 142 (Znf142), mRNA [NM_001108225]	21,258
Ube2v1	Rattus norvegicus ubiquitin-conjugating enzyme E2 variant 1 (Ube2v1), mRNA [NM_001110345]	21,258

Bicd1	Rattus norvegicus bicaudal D homolog 1 (Drosophila) (Bicd1), mRNA [NM_001108653]	21,247
0	Unknown	21,245
Hn1	Rattus norvegicus hematological and neurological expressed 1 (Hn1), mRNA [NM_001005876]	21,242
Pdgfa	Rattus norvegicus platelet-derived growth factor alpha polypeptide (Pdgfa), mRNA [NM_012801]	21,241
Zbtb20	Rattus norvegicus zinc finger and BTB domain containing 20 (Zbtb20), mRNA [NM_001105880]	21,233
0	Unknown	21,232
LOC684800	PREDICTED: Rattus norvegicus similar to stromal membrane-associated protein 1, transcript variant 2 (LOC684800), mRNA [XM_002727177]	21,230
S100a5	Rattus norvegicus S100 calcium binding protein A5 (S100a5), mRNA [NM_001106438]	21,227
Slc25a18	Rattus norvegicus solute carrier family 25 (mitochondrial carrier), member 18 (Slc25a18), nuclear gene encoding mitochondrial protein, mRNA [NM_001044280]	21,219
Ogdh	Rattus norvegicus oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) (Ogdh), nuclear gene encoding mitochondrial protein, mRNA [NM_001017461]	21,207
Spry3	Rattus norvegicus sprouty homolog 3 (Drosophila) (Spry3), mRNA [NM_001109063]	21,203
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A533] [ENSRNOT00000004274]	21,201
0	Unknown	21,189
Ikzf5	Rattus norvegicus IKAROS family zinc finger 5 (Ikzf5), mRNA [NM_001107555]	21,187
Grb10	Rattus norvegicus growth factor receptor bound protein 10 (Grb10), mRNA [NM_001109093]	21,185
Hgs	Rattus norvegicus hepatocyte growth factor-regulated tyrosine kinase substrate (Hgs), mRNA [NM_019387]	21,184
Acap3	Rattus norvegicus ArfGAP with coiled-coil, ankyrin repeat and PH domains 3 (Acap3), mRNA [NM_001107999]	21,180
0	Unknown	21,176
Reep1	Rattus norvegicus receptor accessory protein 1 (Reep1), nuclear gene encoding mitochondrial protein, mRNA [NM_001108633]	21,165
0	Unknown	21,156
Gga1	Rattus norvegicus golgi associated, gamma adaptin ear containing, ARF binding protein 1 (Gga1), mRNA [NM_001011994]	21,148
Abl1	Rattus norvegicus c-abl oncogene 1, receptor tyrosine kinase (Abl1), mRNA [NM_001100850]	21,142
0	Unknown	21,140
Pcdh17	Rattus norvegicus protocadherin 17 (Pcdh17), mRNA [NM_001107279]	21,138
0	Unknown	21,127
Obfc2b	Rattus norvegicus oligonucleotide/oligosaccharide-binding fold containing 2B (Obfc2b), mRNA [NM_001034939]	21,125
Dcaf5	Rattus norvegicus DDB1 and CUL4 associated factor 5 (Dcaf5), nuclear gene encoding mitochondrial protein, mRNA [NM_001100718]	21,116
RGD1303130	Rattus norvegicus kidney predominant protein NCU-G1 (RGD1303130), mRNA [NM_001004226]	21,115
Syng2	Rattus norvegicus synaptogyrin 2 (Syng2), mRNA [NM_053553]	21,112
0	Unknown	21,103
Nek11	Rattus norvegicus NIMA (never in mitosis gene a)- related kinase 11 (Nek11), mRNA [NM_001108182]	21,100
Cacng6	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 6 (Cacng6), mRNA [NM_080694]	21,097

Trib2	Rattus norvegicus TL0AEA74YF17 mRNA sequence. [FQ231260]	21,084
Arcn1	Rattus norvegicus archain 1 (Arcn1), mRNA [NM_001007662]	21,078
Selm	Rattus norvegicus selenoprotein M (Selm), mRNA [NM_001115013]	21,078
RGD1304595	Rattus norvegicus similar to RIKEN cDNA 6330416G13 gene (RGD1304595), mRNA [NM_001106661]	21,078
0	Unknown	21,071
LOC501979	PREDICTED: Rattus norvegicus similar to ATPase, H+ transporting, V1 subunit F (LOC501979), mRNA [XM_577408]	21,061
Mbnl2	Rattus norvegicus muscleblind-like 2 (Mbnl2), mRNA [NM_001111064]	21,059
Elovl2	Rattus norvegicus elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2 (Elovl2), mRNA [NM_001109118]	21,057
Scd4	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNA4] [ENSRNOT00000017834]	21,056
Snap25	Rattus norvegicus synaptosomal-associated protein 25 (Snap25), mRNA [NM_030991]	21,054
0	Unknown	21,051
MGC94542	Rattus norvegicus similar to RIKEN cDNA 5430437P03 (MGC94542), mRNA [NM_001006964]	21,046
Aanat	Rattus norvegicus arylalkylamine N-acetyltransferase (Aanat), mRNA [NM_012818]	21,045
Sema4d	Rattus norvegicus sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D (Sema4d), mRNA [NM_001170563]	21,044
Car7	Rattus norvegicus carbonic anhydrase 7 (Car7), mRNA [NM_001106165]	21,041
Caskin2	Rattus norvegicus cask-interacting protein 2 (Caskin2), mRNA [NM_001107065]	21,040
RGD1310769	Rattus norvegicus similar to HSPC288 (RGD1310769), mRNA [NM_001106749]	21,037
Masp1	Rattus norvegicus mannan-binding lectin serine peptidase 1 (Masp1), mRNA [NM_022257]	21,035
Mta2	Rattus norvegicus metastasis associated 1 family, member 2 (Mta2), mRNA [NM_001100740]	21,032
Nudt16l1	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1 (Nudt16l1), mRNA [NM_001100782]	21,031
0	Unknown	21,031
0	XM_750817 gamma-tubulin complex component GCP4 {Aspergillus fumigatus Af293} (exp=-1; wgp=0; cg=0), partial (3%) [TC606369]	21,028
Pou6f1	Rattus norvegicus POU class 6 homeobox 1 (Pou6f1), mRNA [NM_001105746]	21,028
Aig1	Rattus norvegicus androgen-induced 1 (Aig1), mRNA [NM_001134425]	21,025
Vom1r30	Rattus norvegicus vomeronasal 1 receptor 30 (Vom1r30), mRNA [NM_001009511]	21,018
Fitm2	Rattus norvegicus fat storage-inducing transmembrane protein 2 (Fitm2), mRNA [NM_001107799]	21,011
Gatsl3	Rattus norvegicus GATS protein-like 3 (Gatsl3), mRNA [NM_001025128]	21,002
Dbt	Rattus norvegicus dihydrolipoamide branched chain transacylase E2 (Dbt), nuclear gene encoding mitochondrial protein, mRNA [NM_053312]	21,000
Cdr2	Rattus norvegicus cerebellar degeneration-related 2 (Cdr2), mRNA [NM_001025682]	20,997
Ubxn2a	Rattus norvegicus UBX domain protein 2A (Ubxn2a), mRNA [NM_001109482]	20,992
Rarres1	Rattus norvegicus retinoic acid receptor responder (tazarotene induced) 1 (Rarres1), mRNA [NM_001014790]	20,986
Rimbp2	Rattus norvegicus RIM binding protein 2 (Rimbp2), mRNA [NM_001100488]	20,985
Ensa	Rattus norvegicus endosulfine alpha (Ensa), transcript variant 2, mRNA [NM_021842]	20,981

Arhgef7	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF7) (Arhgef7), transcript variant 3, mRNA [NM_053740]	20,979
Samd14	Rattus norvegicus sterile alpha motif domain containing 14 (Samd14), mRNA [NM_001024966]	20,978
0	Unknown	20,973
Foxk2	Rattus norvegicus forkhead box K2 (Foxk2), mRNA [NM_001107075]	20,970
Gorasp1	Rattus norvegicus golgi reassembly stacking protein 1 (Gorasp1), mRNA [NM_019385]	20,966
Art5	Rattus norvegicus ADP-ribosyltransferase 5 (Art5), mRNA [NM_001013039]	20,965
Papd4	Rattus norvegicus PAP associated domain containing 4 (Papd4), mRNA [NM_001008372]	20,963
Hhip1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJC9] [ENSRNOT00000034883]	20,963
Mad2l1bp	Rattus norvegicus MAD2L1 binding protein (Mad2l1bp), mRNA [NM_001009699]	20,962
Ulk1	Rattus norvegicus Unc-51 like kinase 1 (C. elegans) (Ulk1), mRNA [NM_001108341]	20,960
Nfasc	Rattus norvegicus neurofascin (Nfasc), transcript variant 1, mRNA [NM_001160314]	20,955
Rab31	Rattus norvegicus RAB31, member RAS oncogene family (Rab31), mRNA [NM_145094]	20,949
Sfrs1	Rattus norvegicus splicing factor, arginine/serine-rich 1 (Sfrs1), mRNA [NM_001109552]	20,945
Rhbdf1	Rattus norvegicus rhomboid 5 homolog 1 (Drosophila) (Rhbdf1), mRNA [NM_001030034]	20,943
Tesb	Rattus norvegicus testis specific basic protein (Tesb), mRNA [NM_001113183]	20,941
Vps4a	Rattus norvegicus vacuolar protein sorting 4 homolog A (S. cerevisiae) (Vps4a), mRNA [NM_145678]	20,940
Itgb5	Rattus norvegicus integrin, beta 5 (Itgb5), mRNA [NM_147139]	20,938
Nono	Rattus norvegicus non-POU domain containing, octamer-binding (Nono), mRNA [NM_001012356]	20,929
LOC679168	PREDICTED: Rattus norvegicus hypothetical protein LOC679168 (LOC679168), mRNA [XM_001055022]	20,929
RGD1566399	PREDICTED: Rattus norvegicus similar to MYST histone acetyltransferase monocytic leukemia 4 (RGD1566399), miscRNA [XR_008228]	20,928
Calm1	Rattus norvegicus calmodulin 1 (Calm1), mRNA [NM_031969]	20,926
Stim2	Rattus norvegicus stromal interaction molecule 2 (Stim2), mRNA [NM_001105750]	20,918
Ints7	Rattus norvegicus integrator complex subunit 7 (Ints7), mRNA [NM_001191675]	20,909
Slc24a5	Rattus norvegicus solute carrier family 24, member 5 (Slc24a5), mRNA [NM_001107769]	20,898
Fam117b	Rattus norvegicus family with sequence similarity 117, member B (Fam117b), mRNA [NM_001108797]	20,896
0	Unknown	20,888
0	Unknown	20,886
RGD1306186	Rattus norvegicus similar to RIKEN cDNA 4930569K13 (RGD1306186), mRNA [NM_001024986]	20,881
0	Rattus norvegicus cDNA clone IMAGE:7314743. [BC089965]	20,871
Oaz3	Rattus norvegicus ornithine decarboxylase antizyme 3 (Oaz3), mRNA [NM_001101018]	20,850
Katnal1	Rattus norvegicus katanin p60 subunit A-like 1 (Katnal1), mRNA [NM_001006956]	20,849
0	Unknown	20,848
Vasn	Rattus norvegicus vasorin (Vasn), mRNA [NM_001109382]	20,848
Olr472	Rattus norvegicus olfactory receptor 472 (Olr472), mRNA [NM_001000301]	20,847

Casp2	Rattus norvegicus caspase 2 (Casp2), mRNA [NM_022522]	20,835
RGD735029	Rattus norvegicus SEL1 domain containing protein RGD735029 (RGD735029), nuclear gene encoding mitochondrial protein, mRNA [NM_199493]	20,830
Mkl1	PREDICTED: Rattus norvegicus megakaryoblastic leukemia (translocation) 1 (Mkl1), mRNA [XM_235497]	20,830
Ids	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPY7] [ENSRNOT00000042925]	20,830
0	PREDICTED: Rattus norvegicus similar to high mobility group protein 17 (LOC688424), mRNA [XM_001066874]	20,825
Usp21	Rattus norvegicus ubiquitin specific peptidase 21 (Usp21), mRNA [NM_001127638]	20,804
Cyp2j4	Rattus norvegicus cytochrome P450, family 2, subfamily j, polypeptide 4 (Cyp2j4), mRNA [NM_023025]	20,797
Nsf	Rattus norvegicus N-ethylmaleimide-sensitive factor (Nsf), mRNA [NM_021748]	20,794
Kcna1	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, member 1 (Kcna1), mRNA [NM_173095]	20,791
Olr1381	Rattus norvegicus olfactory receptor 1381 (Olr1381), mRNA [NM_001000523]	20,788
Slc9a9	PREDICTED: Rattus norvegicus similar to solute carrier family 9 (sodium/hydrogen exchanger), isoform 9 (RGD1560736), mRNA [XM_001064905]	20,788
Bloc1s3	PREDICTED: Rattus norvegicus biogenesis of lysosomal organelles complex-1, subunit 3 (Bloc1s3), mRNA [XM_001058094]	20,785
Mid1	Rattus norvegicus midline 1 (Mid1), mRNA [NM_022927]	20,785
Cacng8	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 8 (Cacng8), mRNA [NM_080696]	20,777
Comt	Rattus norvegicus catechol-O-methyltransferase (Comt), mRNA [NM_012531]	20,774
Pnrc1	Rattus norvegicus proline-rich nuclear receptor coactivator 1 (Pnrc1), mRNA [NM_173322]	20,770
Daam1	Rattus norvegicus dishevelled associated activator of morphogenesis 1 (Daam1), mRNA [NM_001108030]	20,767
Cnst	PREDICTED: Rattus norvegicus similar to 9630058J23Rik protein (RGD1564833), mRNA [XM_573525]	20,766
Clptm1	Rattus norvegicus cleft lip and palate associated transmembrane protein 1 (Clptm1), mRNA [NM_001106232]	20,765
Nedd4	Rattus norvegicus neural precursor cell expressed, developmentally down-regulated 4 (Nedd4), mRNA [NM_012986]	20,765
0	NID2_HUMAN (Q14112) Nidogen-2 precursor (NID-2) (Osteonidogen), partial (7%) [TC622511]	20,764
Ndufa10	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10 (Ndufa10), nuclear gene encoding mitochondrial protein, mRNA [NM_199495]	20,763
Gpr132	Rattus norvegicus G protein-coupled receptor 132 (Gpr132), mRNA [NM_001170595]	20,758
Usp46	Rattus norvegicus ubiquitin specific peptidase 46 (Usp46), mRNA [NM_001191596]	20,754
Spryd3	Rattus norvegicus SPRY domain containing 3 (Spryd3), mRNA [NM_001191790]	20,754
0	protease, serine, 28 Gene [Source:MGI Symbol;Acc:MGI:2149951] [ENSRNOT00000060388]	20,749
Samd9l	PREDICTED: Rattus norvegicus sterile alpha motif domain containing 9-like (Samd9l), mRNA [XM_001069386]	20,746
Defb24	Rattus norvegicus defensin beta 24 (Defb24), mRNA [NM_001037508]	20,745
Sohlh1	Rattus norvegicus spermatogenesis and oogenesis specific basic helix-loop-helix 1 (Sohlh1), mRNA [NM_001191852]	20,744
Hmg20a	Rattus norvegicus high mobility group 20A (Hmg20a), mRNA [NM_001108150]	20,729
0	Unknown	20,723
Trove2	Rattus norvegicus TROVE domain family, member 2 (Trove2), mRNA [NM_001107183]	20,722

Cacna1g	Rattus norvegicus calcium channel, voltage-dependent, T type, alpha 1G subunit (Cacna1g), mRNA [NM_031601]	20,720
Cisd3	Rattus norvegicus CDGSH iron sulfur domain 3 (Cisd3), mRNA [NM_001105835]	20,715
Samd5	Rattus norvegicus sterile alpha motif domain containing 5 (Samd5), mRNA [NM_001108901]	20,713
Lphn1	Rattus norvegicus latrophilin 1 (Lphn1), mRNA [NM_022962]	20,712
RGD1310423	Rattus norvegicus similar to hypothetical protein FLJ31737 (RGD1310423), mRNA [NM_001029920]	20,712
0	Unknown	20,707
Rrm2b	Rattus norvegicus ribonucleotide reductase M2 B (TP53 inducible) (Rrm2b), mRNA [NM_001130543]	20,705
0	Q479S2_DECAR (Q479S2) Histidine kinase internal region precursor, partial (7%) [TC592164]	20,701
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDX5] [ENSRNOT00000043345]	20,701
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z932] [ENSRNOT00000066351]	20,698
Ctnnbip1	Rattus norvegicus catenin, beta-interacting protein 1 (Ctnnbip1), mRNA [NM_001173388]	20,696
Gpr56	Rattus norvegicus G protein-coupled receptor 56 (Gpr56), mRNA [NM_152242]	20,691
Slc44a2	Rattus norvegicus solute carrier family 44, member 2 (Slc44a2), mRNA [NM_001134715]	20,688
LOC685671	PREDICTED: Rattus norvegicus similar to myocyte enhancer factor 2C (LOC685671), miscRNA [XR_006259]	20,675
RGD1565030	PREDICTED: Rattus norvegicus similar to open reading frame A (RGD1565030), mRNA [XM_574008]	20,673
Dcx	Rattus norvegicus neuronal migration protein doublecortin mRNA, complete cds. [AF155959]	20,670
Rnf187	Rattus norvegicus ring finger protein 187 (Rnf187), mRNA [NM_001164264]	20,669
Ubxn7	Rattus norvegicus UBX domain protein 7 (Ubxn7), mRNA [NM_001107086]	20,668
Fbxo21	Rattus norvegicus F-box protein 21 (Fbxo21), mRNA [NM_001108338]	20,665
Folr2	Rattus norvegicus folate receptor 2 (fetal) (Folr2), mRNA [NM_001106283]	20,656
RGD1308127	Rattus norvegicus similar to 2700078E11Rik protein (RGD1308127), mRNA [NM_001014248]	20,653
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZI48] [ENSRNOT00000063788]	20,632
Phactr1	Rattus norvegicus phosphatase and actin regulator 1 (Phactr1), mRNA [NM_214457]	20,631
Tesk1	Rattus norvegicus testis-specific kinase 1 (Tesk1), mRNA [NM_031578]	20,630
0	Rattus norvegicus similar to Xlr3a protein (LOC367970), mRNA [XM_346375]	20,629
Dmwd	PREDICTED: Rattus norvegicus dystrophia myotonica, WD repeat containing (Dmwd), mRNA [XM_001056337]	20,628
0	PREDICTED: Rattus norvegicus similar to c114 SLIT-like testicular protein (RGD1561285), mRNA [XM_220927]	20,623
0	myeloid/lymphoid or mixed-lineage leukemia 3 Gene [Source:MGI Symbol;Acc:MGI:2444959] [ENSRNOT00000010349]	20,621
Vasp	Rattus norvegicus vasodilator-stimulated phosphoprotein (Vasp), mRNA [NM_001108475]	20,620
RGD1565693	PREDICTED: Rattus norvegicus similar to GLE1-like, RNA export mediator isoform 1 (RGD1565693), mRNA [XM_001059991]	20,616
Prss27	Rattus norvegicus protease, serine 27 (Prss27), mRNA [NM_182949]	20,616
C1ql3	Rattus norvegicus complement component 1, q subcomponent-like 3 (C1ql3), mRNA [NM_001109403]	20,614
Tnfaip1	Rattus norvegicus tumor necrosis factor, alpha-induced protein 1 (endothelial) (Tnfaip1), mRNA [NM_182950]	20,610
Snph	Rattus norvegicus syntaphilin (Snph), mRNA [NM_001106525]	20,605

Dr1	Rattus norvegicus down-regulator of transcription 1 (Dr1), mRNA [NM_001011914]	20,598
MGC93975	Rattus norvegicus similar to 2310044H10Rik protein (MGC93975), mRNA [NM_001004221]	20,598
Fjx1	Rattus norvegicus four jointed box 1 (Drosophila) (Fjx1), mRNA [NM_001108955]	20,595
LOC498368	Rattus norvegicus similar to RIKEN cDNA 0610040J01 (LOC498368), mRNA [NM_001017500]	20,594
RGD1310444	PREDICTED: Rattus norvegicus LOC363015 (RGD1310444), mRNA [XM_002729871]	20,587
RGD1566078	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWM0] [ENSRNOT00000013187]	20,585
Klf16	Rattus norvegicus Kruppel-like factor 16 (Klf16), mRNA [NM_001127604]	20,583
Clock	Rattus norvegicus clock homolog (mouse) (Clock), mRNA [NM_021856]	20,578
0	Unknown	20,577
Synj2	Rattus norvegicus synaptojanin 2 (Synj2), transcript variant 3, mRNA [NM_032071]	20,574
Fitm2	Rattus norvegicus fat storage-inducing transmembrane protein 2 (Fitm2), mRNA [NM_001107799]	20,570
Zscan10	Rattus norvegicus zinc finger and SCAN domain containing 10 (Zscan10), mRNA [NM_001106981]	20,561
Snrpn	Rattus norvegicus small nuclear ribonucleoprotein polypeptide N (Snrpn), mRNA [NM_031117]	20,560
Dfnb31	Rattus norvegicus deafness, autosomal recessive 31 (Dfnb31), mRNA [NM_181088]	20,558
Baz2a	Rattus norvegicus bromodomain adjacent to zinc finger domain, 2A (Baz2a), mRNA [NM_001107158]	20,557
Dcaf5	Rattus norvegicus DDB1 and CUL4 associated factor 5 (Dcaf5), nuclear gene encoding mitochondrial protein, mRNA [NM_001100718]	20,554
Man1b1	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase [Source:UniProtKB/Swiss-Prot;Acc:B2GUY0] [ENSRNOT00000016846]	20,550
0	Unknown	20,549
Arntl2	Rattus norvegicus aryl hydrocarbon receptor nuclear translocator-like 2 (Arntl2), mRNA [NM_133391]	20,548
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBI5] [ENSRNOT00000049803]	20,548
Gprin1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEG5] [ENSRNOT00000024258]	20,547
0	Cell division control protein 42 homolog [Source:UniProtKB/Swiss-Prot;Acc:Q8CFN2] [ENSRNOT00000018118]	20,540
Ipo7	Rattus norvegicus importin 7 (Ipo7), mRNA [NM_001107545]	20,537
Clcn6	Rattus norvegicus chloride channel 6 (Clcn6), mRNA [NM_001106479]	20,530
Cbx5	Rattus norvegicus chromobox homolog 5 (HP1 alpha homolog, Drosophila) (Cbx5), mRNA [NM_001106797]	20,530
0	Unknown	20,529
Cpsf6	Rattus norvegicus cleavage and polyadenylation specific factor 6 (Cpsf6), mRNA [NM_001106785]	20,527
Trim26	Rattus norvegicus tripartite motif-containing 26 (Trim26), mRNA [NM_001011665]	20,524
0	Unknown	20,523
0	Unknown	20,514
LOC100363283	PREDICTED: Rattus norvegicus UBX domain protein 2A (LOC100363283), mRNA [XM_002729616]	20,509
Tsga14	Rattus norvegicus testis specific, 14 (Tsga14), mRNA [NM_001025770]	20,508
0	AMGNNUC:NRHY5-00189-A7-A W Rat hypothalamus (10471) Rattus norvegicus cDNA clone nrhy5-00189-a7 5', mRNA sequence [CB580197]	20,501
LOC686412	PREDICTED: Rattus norvegicus similar to sal-like 4 isoform a (LOC686412), mRNA [XM_001074001]	20,501

Mmp17	Rattus norvegicus matrix metallopeptidase 17 (Mmp17), mRNA [NM_001105925]	20,497
Bcl7b	Rattus norvegicus B-cell CLL/lymphoma 7B (Bcl7b), mRNA [NM_001109021]	20,493
Pid1	Rattus norvegicus phosphotyrosine interaction domain containing 1 (Pid1), mRNA [NM_001110493]	20,492
Adipor1	Rattus norvegicus adiponectin receptor 1 (Adipor1), mRNA [NM_207587]	20,491
Fam48a	Rattus norvegicus family with sequence similarity 48, member A (Fam48a), mRNA [NM_001014170]	20,489
0	Unknown	20,484
LOC500420	LOC500420 protein [Source:UniProtKB/TrEMBL;Acc:Q3SWT2] [ENSRNOT00000030559]	20,483
Med11	Rattus norvegicus mediator complex subunit 11 (Med11), mRNA [NM_001105799]	20,472
Mboat4	Rattus norvegicus membrane bound O-acyltransferase domain containing 4 (Mboat4), mRNA [NM_001107317]	20,470
Camta1	Rattus norvegicus similar to KIAA0833 protein (Camta1), transcript variant 1, mRNA [NM_001195559]	20,459
Rasgef1c	Rattus norvegicus RasGEF domain family, member 1C (Rasgef1c), mRNA [NM_001108273]	20,453
Shisa4	Rattus norvegicus shisa homolog 4 (Xenopus laevis) (Shisa4), mRNA [NM_001077826]	20,452
0	Unknown	20,448
0	Unknown	20,445
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A428] [ENSRNOT00000040254]	20,444
Tgoln1	Rattus norvegicus trans-golgi network protein (Tgoln1), mRNA [NM_138840]	20,442
Cbx6	Rattus norvegicus chromobox homolog 6 (Cbx6), mRNA [NM_001012119]	20,433
Mrps10	Rattus norvegicus mitochondrial ribosomal protein S10 (Mrps10), nuclear gene encoding mitochondrial protein, mRNA [NM_001008859]	20,429
Limd2	Rattus norvegicus LIM domain containing 2 (Limd2), mRNA [NM_001025715]	20,429
Cox16	Rattus norvegicus COX16 cytochrome c oxidase assembly homolog (Cox16), nuclear gene encoding mitochondrial protein, mRNA [NM_001163153]	20,428
Olr233	Rattus norvegicus olfactory receptor 233 (Olr233), mRNA [NM_001000207]	20,427
Mapk4	Mitogen-activated protein kinase 4 [Source:UniProtKB/Swiss-Prot;Acc:Q63454] [ENSRNOT00000047271]	20,425
Mlst8	Rattus norvegicus MTOR associated protein, LST8 homolog (S. cerevisiae) (Mlst8), mRNA [NM_022404]	20,419
Zbtb24	Rattus norvegicus zinc finger and BTB domain containing 24 (Zbtb24), mRNA [NM_001098667]	20,417
Znrf2	Rattus norvegicus zinc and ring finger 2 (Znrf2), mRNA [NM_001108628]	20,412
H1fx	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIX4] [ENSRNOT00000033687]	20,410
0	Unknown	20,404
Fam186b	Rattus norvegicus family with sequence similarity 186, member B (Fam186b), mRNA [NM_001134633]	20,403
Olfm2	Rattus norvegicus olfactomedin 2 (Olfm2), mRNA [NM_001015017]	20,402
Fkbp8	Rattus norvegicus FK506 binding protein 8 (Fkbp8), mRNA [NM_001037180]	20,400
Crlf2	Rattus norvegicus cytokine receptor-like factor 2 (Crlf2), mRNA [NM_134465]	20,392
Clvs1	Rattus norvegicus clavesin 1 (Clvs1), mRNA [NM_001108969]	20,391
Agap1	Rattus norvegicus ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 (Agap1), mRNA [NM_001108230]	20,388

Sbno1	Rattus norvegicus strawberry notch homolog 1 (Drosophila) (Sbno1), mRNA [NM_001107138]	20,383
Dcx	Rattus norvegicus doublecortin (Dcx), mRNA [NM_053379]	20,380
Pcdhga2	Rattus norvegicus protocadherin gamma subfamily A, 2 (Pcdhga2), mRNA [NM_001037139]	20,375
Ddx41	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (Ddx41), mRNA [NM_001108046]	20,372
Lsm6	Rattus norvegicus LSM6 homolog, U6 small nuclear RNA associated (S. cerevisiae) (Lsm6), mRNA [NM_001126085]	20,368
Lphn2	Rattus norvegicus latrophilin 2 (Lphn2), transcript variant 2, mRNA [NM_001190475]	20,367
RGD1304952	Rattus norvegicus similar to RIKEN cDNA C530028O21 gene (RGD1304952), mRNA [NM_001014059]	20,366
Mapkapk2	Rattus norvegicus mitogen-activated protein kinase-activated protein kinase 2 (Mapkapk2), mRNA [NM_178102]	20,362
Negr1	Rattus norvegicus neuronal growth regulator 1 (Negr1), mRNA [NM_021682]	20,355
Pcolce	Rattus norvegicus procollagen C-endopeptidase enhancer (Pcolce), mRNA [NM_019237]	20,353
Srpk2	Rattus norvegicus SFRS protein kinase 2 (Srpk2), mRNA [NM_001106575]	20,351
Phf2	Rattus norvegicus PHD finger protein 2 (Phf2), mRNA [NM_001107342]	20,349
Lrrc8b	leucine rich repeat containing 8 family, member B [Source:RefSeq peptide;Acc:NP_001100674] [ENSRNOT00000002897]	20,348
Tbx3	Rattus norvegicus T-box 3 (Tbx3), mRNA [NM_181638]	20,344
Ankrd40	Rattus norvegicus ankyrin repeat domain 40 (Ankrd40), mRNA [NM_001134699]	20,343
Cnpy3	Rattus norvegicus canopy 3 homolog (zebrafish) (Cnpy3), mRNA [NM_001134710]	20,341
Trim37	Rattus norvegicus tripartite motif-containing 37 (Trim37), mRNA [NM_001108288]	20,338
0	Shultzomica03641 Rat lung airway and parenchyma cDNA libraries Rattus norvegicus cDNA clone Contig3221 5', mRNA sequence [CF110390]	20,337
Rexo1	Rattus norvegicus REX1, RNA exonuclease 1 homolog (S. cerevisiae) (Rexo1), mRNA [NM_001012114]	20,328
Tusc2	Rattus norvegicus tumor suppressor candidate 2 (Tusc2), mRNA [NM_001109297]	20,326
0	Unknown	20,316
Zfp318	PREDICTED: Rattus norvegicus zinc finger protein 318 (Zfp318), mRNA [XM_002727181]	20,316
Fgf22	Rattus norvegicus fibroblast growth factor 22 (Fgf22), mRNA [NM_130751]	20,313
Porcn	Rattus norvegicus porcupine homolog (Drosophila) (Porcn), mRNA [NM_001173355]	20,313
Tmem42	Rattus norvegicus transmembrane protein 42 (Tmem42), mRNA [NM_001191886]	20,303
Pde4b	Rattus norvegicus phosphodiesterase 4B, cAMP specific (Pde4b), mRNA [NM_017031]	20,295
Pttg1ip	Rattus norvegicus pituitary tumor-transforming 1 interacting protein (Pttg1ip), mRNA [NM_001013238]	20,294
Mmp16	Rattus norvegicus matrix metalloproteinase 16 (Mmp16), mRNA [NM_080776]	20,292
Fam108c1	Rattus norvegicus family with sequence similarity 108, member C1 (Fam108c1), mRNA [NM_001100736]	20,285
Zfp346	Rattus norvegicus zinc finger protein 346 (Zfp346), mRNA [NM_001107338]	20,281
RGD1309540	Rattus norvegicus similar to hypothetical protein MGC40841; similar to hypothetical protein MGC4707 (RGD1309540), mRNA [NM_001013918]	20,274
Nalcn	Rattus norvegicus sodium leak channel, non-selective (Nalcn), mRNA [NM_153630]	20,273
0	Rattus norvegicus similar to RIKEN cDNA 1700001F09 (LOC316932), mRNA [XM_229506]	20,269
RGD1564177	PREDICTED: Rattus norvegicus RGD1564177 (RGD1564177), mRNA [XM_001054841]	20,267

Rnf152	Rattus norvegicus ring finger protein 152 (Rnf152), mRNA [NM_001106305]	20,264
Zfyve20	Rattus norvegicus zinc finger, FYVE domain containing 20 (Zfyve20), mRNA [NM_001107875]	20,263
Gtf2h3	Rattus norvegicus general transcription factor IIH, polypeptide 3 (Gtf2h3), mRNA [NM_001024236]	20,262
0	PREDICTED: Rattus norvegicus similar to dachshund b (LOC680770), mRNA [XM_001058786]	20,252
Kcnq2	Rattus norvegicus potassium voltage-gated channel, KQT-like subfamily, member 2 (Kcnq2), mRNA [NM_133322]	20,251
Cyp4a8	Rattus norvegicus cytochrome P450, family 4, subfamily a, polypeptide 8 (Cyp4a8), mRNA [NM_031605]	20,251
Kcnq2	Rattus norvegicus potassium voltage-gated channel, KQT-like subfamily, member 2 (Kcnq2), mRNA [NM_133322]	20,248
0	Unknown	20,247
RGD1563070	Rattus norvegicus similar to hypothetical protein (RGD1563070), mRNA [NM_001134541]	20,238
Neurl	Rattus norvegicus neuralized homolog (Drosophila) (Neurl), mRNA [NM_001107605]	20,238
Kcng2	Rattus norvegicus potassium voltage-gated channel, subfamily G, member 2 (Kcng2), mRNA [NM_001107372]	20,236
lck	Rattus norvegicus intestinal cell kinase (lck), mRNA [NM_138886]	20,236
Igsf8	Rattus norvegicus immunoglobulin superfamily, member 8 (Igsf8), mRNA [NM_001014787]	20,233
Atl1	Rattus norvegicus atlastin GTPase 1 (Atl1), mRNA [NM_001009831]	20,231
RGD1310444	RCG31867Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIP8] [ENSRNOT00000033969]	20,223
Efcab4a	Rattus norvegicus EF-hand calcium binding domain 4A (Efcab4a), mRNA [NM_001127541]	20,218
Mxra8	Rattus norvegicus matrix-remodelling associated 8 (Mxra8), mRNA [NM_001007002]	20,212
Tcf3	Rattus norvegicus transcription factor 3 (Tcf3), mRNA [NM_001107865]	20,212
Gpr83	Rattus norvegicus G protein-coupled receptor 83 (Gpr83), mRNA [NM_080411]	20,205
Lhx9	Rattus norvegicus LIM homeobox 9 (Lhx9), mRNA [NM_181367]	20,205
0	Unknown	20,205
Trps1	Rattus norvegicus trichorhinophalangeal syndrome I homolog (human) (Trps1), mRNA [NM_001134837]	20,198
Ppm1d	Rattus norvegicus protein phosphatase 1D magnesium-dependent, delta isoform (Ppm1d), mRNA [NM_001105825]	20,197
Smtnl1	Rattus norvegicus smoothelin-like 1 (Smtnl1), mRNA [NM_001191739]	20,195
Satb1	Rattus norvegicus SATB homeobox 1 (Satb1), mRNA [NM_001012129]	20,193
Snx24	Rattus norvegicus sorting nexin 24 (Snx24), mRNA [NM_001008364]	20,189
Kif21b	Rattus norvegicus kinesin family member 21B (Kif21b), mRNA [NM_001105990]	20,187
Tcf7	PREDICTED: Rattus norvegicus transcription factor 7, T-cell specific, transcript variant 1 (Tcf7), mRNA [XM_001073458]	20,186
Brsk1	Rattus norvegicus BR serine/threonine kinase 1 (Brsk1), mRNA [NM_001127337]	20,184
Sgk1	Rattus norvegicus serum/glucocorticoid regulated kinase 1 (Sgk1), transcript variant 3, mRNA [NM_019232]	20,181
Dhdds	Rattus norvegicus dehydrololichyl diphosphate synthase (Dhdds), mRNA [NM_001011978]	20,180
Pard3	Rattus norvegicus par-3 (partitioning defective 3) homolog (C. elegans) (Pard3), mRNA [NM_031235]	20,179
0	Unknown	20,173
Bat2	Rattus norvegicus HLA-B associated transcript 2 (Bat2), mRNA [NM_212462]	20,173

Mal2	Rattus norvegicus mal, T-cell differentiation protein 2 (Mal2), mRNA [NM_198786]	20,166
Spock1	PREDICTED: Rattus norvegicus sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1 (Spock1), mRNA [XM_001067546]	20,164
Tulp1	Rattus norvegicus tubby like protein 1 (Tulp1), mRNA [NM_001107642]	20,162
Supt6h	Rattus norvegicus suppressor of Ty 6 homolog (S. cerevisiae) (Supt6h), mRNA [NM_001191820]	20,159
Tns3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCL6] [ENSRNOT00000012661]	20,151
Nid1	Nidogen-1 [Source:UniProtKB/Swiss-Prot;Acc:P08460] [ENSRNOT00000003349]	20,150
Plat	Rattus norvegicus plasminogen activator, tissue (Plat), mRNA [NM_013151]	20,146
0	Unknown	20,138
RGD1305793	Rattus norvegicus similar to hypothetical protein FLJ20154 (RGD1305793), mRNA [NM_001127484]	20,138
LOC687861	PREDICTED: Rattus norvegicus similar to methylmalonic aciduria (cobalamin deficiency) type B homolog (LOC687861), mRNA [XM_001080395]	20,125
Olr868	Rattus norvegicus olfactory receptor 868 (Olr868), mRNA [NM_001000821]	20,116
Tmem98	Rattus norvegicus transmembrane protein 98 (Tmem98), mRNA [NM_001007672]	20,114
Ssr1	Rattus norvegicus signal sequence receptor, alpha (Ssr1), mRNA [NM_001008891]	20,108
Srgap1	Rattus norvegicus SLIT-ROBO Rho GTPase activating protein 1 (Srgap1), mRNA [NM_001191784]	20,096
Rps6ka2	Rattus norvegicus ribosomal protein S6 kinase polypeptide 2 (Rps6ka2), mRNA [NM_057128]	20,091
Zbtb6	Rattus norvegicus zinc finger and BTB domain containing 6 (Zbtb6), mRNA [NM_001108953]	20,090
Ubt2	PREDICTED: Rattus norvegicus ubiquitin domain containing 2 (Ubt2), mRNA [XM_213249]	20,086
LOC302495	Rattus norvegicus hypothetical LOC302495 (LOC302495), mRNA [NM_001106950]	20,063
Tmtc3	Rattus norvegicus transmembrane and tetratricopeptide repeat containing 3 (Tmtc3), mRNA [NM_001135858]	20,053
Nmnat1	Rattus norvegicus nicotinamide nucleotide adenylyltransferase 1 (Nmnat1), mRNA [NM_001037556]	20,048
Amica1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1C2] [ENSRNOT00000007588]	20,048
0	Q4RCF0_TETNG (Q4RCF0) Chromosome undetermined SCAF19066, whole genome shotgun sequence. (Fragment), partial (8%) [TC624062]	20,047
Col4a3bp	Rattus norvegicus collagen, type IV, alpha 3 (Goodpasture antigen) binding protein (Col4a3bp), mRNA [NM_001108935]	20,045
0	S18L2_MOUSE (Q9D174) SS18-like protein 2, complete [TC585393]	20,044
Pdlim7	Rattus norvegicus PDZ and LIM domain 7 (Pdlim7), mRNA [NM_173125]	20,037
Slc35a3	Rattus norvegicus solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member A3 (Slc35a3), mRNA [NM_001012082]	20,034
Traf4af1	Rattus norvegicus TRAF4 associated factor 1 (Traf4af1), mRNA [NM_001004264]	20,029
Zhx1	Rattus norvegicus zinc fingers and homeoboxes 1 (Zhx1), mRNA [NM_133620]	20,029
Slc12a8	Rattus norvegicus solute carrier family 12 (potassium/chloride transporters), member 8 (Slc12a8), mRNA [NM_153625]	20,026
0	Nope protein [Source:UniProtKB/TrEMBL;Acc:B5DFA9] [ENSRNOT00000044706]	20,024
0	Unknown	20,023
Zfp280b	Rattus norvegicus zinc finger protein 280b (Zfp280b), mRNA [NM_001106384]	20,022
Cacng2	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 2 (Cacng2), mRNA [NM_053351]	20,021
0	Unknown	20,018

Pskh1	Rattus norvegicus protein serine kinase H1 (Pskh1), mRNA [NM_001108897]	20,016
RGD1309594	Rattus norvegicus similar to RIKEN cDNA 1810043G02; DNA segment, Chr 10, Johns Hopkins University 13, expressed (RGD1309594), mRNA [NM_001008351]	20,016
Efna2	Rattus norvegicus ephrin A2 (Efna2), mRNA [NM_001168670]	20,007
Frzb	Rattus norvegicus frizzled-related protein (Frzb), mRNA [NM_001100527]	20,006
Pip4k2c	Rattus norvegicus phosphatidylinositol-5-phosphate 4-kinase, type II, gamma (Pip4k2c), mRNA [NM_080480]	20,000
Lamc1	Rattus norvegicus laminin, gamma 1 (Lamc1), mRNA [NM_053966]	19,998
Ankrd39	Rattus norvegicus ankyrin repeat domain 39 (Ankrd39), mRNA [NM_001135014]	19,997
Kcnj3	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 3 (Kcnj3), mRNA [NM_031610]	19,997
0	Unknown	19,990
0	BC076587 Apbb2 protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (4%) [TC625977]	19,989
Ankrd40	Rattus norvegicus ankyrin repeat domain 40 (Ankrd40), mRNA [NM_001134699]	19,985
Spire1	Rattus norvegicus spire homolog 1 (Drosophila) (Spire1), mRNA [NM_001107381]	19,981
Syt9	Rattus norvegicus synaptotagmin IX (Syt9), mRNA [NM_053324]	19,980
RGD1563701	PREDICTED: Rattus norvegicus similar to BC068281 protein (RGD1563701), mRNA [XM_001070724]	19,975
Fgf13	Rattus norvegicus fibroblast growth factor 13 (Fgf13), mRNA [NM_053428]	19,971
Ero1l	Rattus norvegicus ERO1-like (S. cerevisiae) (Ero1l), mRNA [NM_138528]	19,970
0	Unknown	19,963
Usp31	Rattus norvegicus ubiquitin specific peptidase 31 (Usp31), mRNA [NM_001107548]	19,961
Sec31a	Rattus norvegicus SEC31 homolog A (S. cerevisiae) (Sec31a), mRNA [NM_033021]	19,961
0	Q5MPV8_PREEN (Q5MPV8) Thap11 (Fragment), partial (52%) [TC586886]	19,956
Osr2	Rattus norvegicus odd-skipped related 2 (Drosophila) (Osr2), mRNA [NM_001012118]	19,955
Nhlh2	Rattus norvegicus nescient helix loop helix 2 (Nhlh2), mRNA [NM_001106457]	19,951
0	Unknown	19,949
Rnft2	Rattus norvegicus ring finger protein, transmembrane 2 (Rnft2), mRNA [NM_001107144]	19,945
Mlph	Rattus norvegicus melanophilin (Mlph), mRNA [NM_001012135]	19,945
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPT5] [ENSRNOT00000067382]	19,943
RGD1564755	Rattus norvegicus similar to putative pheromone receptor (Go-VN5) (RGD1564755), mRNA [NM_001099465]	19,939
Cetn4	Unknown	19,936
Zhx3	Rattus norvegicus zinc fingers and homeoboxes 3 (Zhx3), mRNA [NM_001047097]	19,935
Olr875	Rattus norvegicus olfactory receptor 875 (Olr875), mRNA [NM_001000054]	19,932
0	Unknown	19,927
Zcchc8	Rattus norvegicus zinc finger, CCHC domain containing 8 (Zcchc8), mRNA [NM_001105929]	19,923
Ranbp1	Rattus norvegicus RAN binding protein 1 (Ranbp1), mRNA [NM_001108324]	19,922

Ecop	Rattus norvegicus EGFR-coamplified and overexpressed protein (Ecop), mRNA [NM_001108630]	19,921
Rps6ka1	Rattus norvegicus ribosomal protein S6 kinase polypeptide 1 (Rps6ka1), mRNA [NM_031107]	19,919
0	Unknown	19,916
Socs2	Rattus norvegicus suppressor of cytokine signaling 2 (Socs2), mRNA [NM_058208]	19,903
Tbc1d7	Rattus norvegicus TBC1 domain family, member 7 (Tbc1d7), mRNA [NM_001108411]	19,899
Ypel4	Rattus norvegicus yippee-like 4 (Drosophila) (Ypel4), mRNA [NM_001024369]	19,897
Ifi30	Rattus norvegicus interferon gamma inducible protein 30 (Ifi30), mRNA [NM_001030026]	19,892
Tox3	Rattus norvegicus TOX high mobility group box family member 3 (Tox3), mRNA [NM_001106171]	19,888
0	Unknown	19,885
Vgf	Rattus norvegicus VGF nerve growth factor inducible (Vgf), mRNA [NM_030997]	19,880
0	Rattus norvegicus TL0AEA5YN17 mRNA sequence. [FQ233918]	19,877
Satb2	Rattus norvegicus SATB homeobox 2 (Satb2), mRNA [NM_001109306]	19,870
Scamp2	Rattus norvegicus secretory carrier membrane protein 2 (Scamp2), mRNA [NM_023955]	19,865
Ogfr1	Rattus norvegicus opioid growth factor receptor-like 1 (Ogfr1), mRNA [NM_001025708]	19,862
Pak7	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 7 (Pak7), mRNA [NM_001107781]	19,840
0	RVL8568 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV717996]	19,837
Slc25a22	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, glutamate), member 22 (Slc25a22), nuclear gene encoding mitochondrial protein, mRNA [NM_001014027]	19,837
Sstr2	Rattus norvegicus somatostatin receptor 2 (Sstr2), mRNA [NM_019348]	19,833
Cdc2l6	Rattus norvegicus cell division cycle 2-like 6 (CDK8-like) (Cdc2l6), mRNA [NM_001107634]	19,833
Kcnab2	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, beta member 2 (Kcnab2), mRNA [NM_017304]	19,832
Rabgap1	Rattus norvegicus RAB GTPase activating protein 1 (Rabgap1), mRNA [NM_001107841]	19,828
Nckipsd	Rattus norvegicus NCK interacting protein with SH3 domain (Nckipsd), mRNA [NM_001106857]	19,826
Nudt15	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 15 (Nudt15), mRNA [NM_001106049]	19,824
0	PREDICTED: Rattus norvegicus similar to Protein C9orf126 homolog (LOC690538), mRNA [XM_001074743]	19,822
Pygo2	Rattus norvegicus pygopus 2 (Pygo2), mRNA [NM_001106447]	19,814
Pde1b	Rattus norvegicus phosphodiesterase 1B, calmodulin-dependent (Pde1b), mRNA [NM_022710]	19,812
Rfx7	Rattus norvegicus regulatory factor X, 7 (Rfx7), mRNA [NM_001127490]	19,808
Tpcn1	Rattus norvegicus two pore segment channel 1 (Tpcn1), mRNA [NM_139332]	19,804
Prdm4	Rattus norvegicus PR domain containing 4 (Prdm4), mRNA [NM_133312]	19,802
RGD1308759	Rattus norvegicus similar to KIAA0892 protein (RGD1308759), mRNA [NM_001106077]	19,800
RGD735175	Rattus norvegicus hypothetical protein MGC:72616 (RGD735175), mRNA [NM_199112]	19,796
Gtf2ird2	General transcription factor II I repeat domain-containing 2 [Source:UniProtKB/TrEMBL;Acc:Q2V6E6] [ENSRNOT00000002030]	19,794
Hdac11	Rattus norvegicus histone deacetylase 11 (Hdac11), mRNA [NM_001106610]	19,792

Tceb3	Rattus norvegicus transcription elongation factor B (SIII), polypeptide 3 (Tceb3), mRNA [NM_017103]	19,788
Tmem86a	Rattus norvegicus transmembrane protein 86A (Tmem86a), mRNA [NM_001135016]	19,783
Wdtdc1	Rattus norvegicus WD and tetratricopeptide repeats 1 (Wdtdc1), mRNA [NM_001107908]	19,774
Elof1	Rattus norvegicus elongation factor 1 homolog (S. cerevisiae) (Elof1), mRNA [NM_001126098]	19,768
Cpsf1	Rattus norvegicus cleavage and polyadenylation specific factor 1 (Cpsf1), mRNA [NM_001130571]	19,759
0	Q6X2J5_9SAUR (Q6X2J5) NADH dehydrogenase subunit 4 (Fragment), partial (6%) [TC646703]	19,758
Atp7a	Rattus norvegicus ATPase, Cu ⁺⁺ transporting, alpha polypeptide (Atp7a), mRNA [NM_052803]	19,758
Ptprf	Rattus norvegicus protein tyrosine phosphatase, receptor type, F (Ptprf), mRNA [NM_019249]	19,755
0	Unknown	19,755
0	Solute carrier family 26, member 8 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z800] [ENSRNOT00000000615]	19,753
Myo6	PREDICTED: Rattus norvegicus myosin VI (Myo6), mRNA [XM_236444]	19,752
RGD1310352	Rattus norvegicus similar to HTGN29 protein; keratinocytes associated transmembrane protein 2 (RGD1310352), mRNA [NM_001106999]	19,751
LOC498201	PREDICTED: Rattus norvegicus hypothetical LOC498201 (LOC498201), mRNA [XM_573419]	19,747
0	Unknown	19,741
0	methyl-CpG binding domain protein 5 Gene [Source:MGI Symbol;Acc:MGI:2138934] [ENSRNOT000000034632]	19,738
Nipsnap1	Rattus norvegicus nipsnap homolog 1 (C. elegans) (Nipsnap1), mRNA [NM_001100730]	19,738
Necap2	Rattus norvegicus NECAP endocytosis associated 2 (Necap2), mRNA [NM_199096]	19,734
LOC681458	PREDICTED: Rattus norvegicus similar to stearyl-coenzyme A desaturase 3 (LOC681458), mRNA [XM_001056911]	19,731
Pcdhb11	PREDICTED: Rattus norvegicus protocadherin beta 11 (Pcdhb11), mRNA [XM_001055576]	19,725
RGD1561065	Rattus norvegicus similar to mKIAA1111 protein (RGD1561065), mRNA [NM_001108253]	19,723
0	Protein FAM134A [Source:UniProtKB/Swiss-Prot;Acc:Q3MHU5] [ENSRNOT000000025135]	19,721
LOC679038	Rattus norvegicus similar to mammalian retrotransposon derived 8b (LOC679038), mRNA [NM_001100998]	19,720
Cmtm5	Rattus norvegicus CKLF-like MARVEL transmembrane domain containing 5 (Cmtm5), mRNA [NM_001106034]	19,718
Preli1	Rattus norvegicus PRELI domain containing 1 (Preli1), mRNA [NM_001009636]	19,711
RGD1565648	PREDICTED: Rattus norvegicus protein S100-A11-like (LOC100362296), mRNA [XM_002729212]	19,710
Asap1	Rattus norvegicus ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 (Asap1), mRNA [NM_001044245]	19,705
Tpra1	Rattus norvegicus transmembrane protein, adipocyte associated 1 (Tpra1), mRNA [NM_053534]	19,704
0	Q2FXP0_STAAU (Q2FXP0) Formamidopyrimidine-DNA glycosylase , partial (6%) [TC596639]	19,691
Mdga1	Rattus norvegicus MAM domain containing glycosylphosphatidylinositol anchor 1 (Mdga1), mRNA [NM_001107618]	19,685
Rabif	Rattus norvegicus RAB interacting factor (Rabif), mRNA [NM_001007678]	19,682
Sstr2	Rattus norvegicus somatostatin receptor 2 (Sstr2), mRNA [NM_019348]	19,681
Ano6	Rattus norvegicus anoctamin 6 (Ano6), mRNA [NM_001108108]	19,680
Prrx1	Rattus norvegicus paired related homeobox 1 (Prrx1), mRNA [NM_153821]	19,679
Rab35	Rattus norvegicus RAB35, member RAS oncogene family (Rab35), mRNA [NM_001013046]	19,674

Vom2r71	Rattus norvegicus vomeronasal 2 receptor, 71 (Vom2r71), mRNA [NM_001099516]	19,670
0	Q7TPN2_MOUSE (Q7TPN2) Ube2o protein, partial (38%) [TC615970]	19,669
Crtc3	PREDICTED: Rattus norvegicus CREB regulated transcription coactivator 3 (Crtc3), mRNA [XM_001066604]	19,667
Vom1r78	Rattus norvegicus vomeronasal 1 receptor 78 (Vom1r78), mRNA [NM_001008924]	19,666
Olr546	Rattus norvegicus olfactory receptor 546 (Olr546), mRNA [NM_001001054]	19,660
Olr232	Rattus norvegicus olfactory receptor 232 (Olr232), mRNA [NM_001001035]	19,660
Ak3l1	Rattus norvegicus adenylate kinase 3-like 1, mRNA (cDNA clone MGC:93541 IMAGE:7107348), complete cds. [BC087024]	19,658
Hdac1	Rattus norvegicus histone deacetylase 1 (Hdac1), mRNA [NM_001025409]	19,657
Chst7	Rattus norvegicus carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7 (Chst7), mRNA [NM_207600]	19,654
Ywhah	Rattus norvegicus tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide (Ywhah), mRNA [NM_013052]	19,650
RGD1560108	Rattus norvegicus similar to RIKEN cDNA 2700081O15 (RGD1560108), mRNA [NM_001109161]	19,646
Nucks1	Rattus norvegicus nuclear casein kinase and cyclin-dependent kinase substrate 1 (Nucks1), mRNA [NM_022799]	19,641
0	Unknown	19,636
Cln6	Rattus norvegicus ceroid-lipofuscinosis, neuronal 6 (Cln6), mRNA [NM_001191794]	19,633
Dmrt3	Rattus norvegicus doublesex and mab-3 related transcription factor 3 (Dmrt3), mRNA [NM_001106358]	19,633
Cox6a2	Rattus norvegicus cytochrome c oxidase, subunit VIa, polypeptide 2 (Cox6a2), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_012812]	19,631
RGD1565712	Rattus norvegicus similar to Hypothetical protein MGC59495 (RGD1565712), mRNA [NM_001127579]	19,631
Pfn2	Rattus norvegicus profilin 2 (Pfn2), mRNA [NM_030873]	19,627
Pigb	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class B (Pigb), mRNA [NM_001108166]	19,623
0	Unknown	19,618
0	Unknown	19,617
Grb2	Rattus norvegicus growth factor receptor bound protein 2 (Grb2), mRNA [NM_030846]	19,612
Ids	PREDICTED: Rattus norvegicus iduronate 2-sulfatase (Ids), mRNA [XM_001054447]	19,605
Meaf6	Rattus norvegicus MYST/Esa1-associated factor 6 (Meaf6), mRNA [NM_001113784]	19,596
Atg5	Rattus norvegicus ATG5 autophagy related 5 homolog (S. cerevisiae) (Atg5), mRNA [NM_001014250]	19,592
Susd4	Rattus norvegicus sushi domain containing 4 (Susd4), mRNA [NM_001105982]	19,591
Ezh1	Rattus norvegicus enhancer of zeste homolog 1 (Drosophila) (Ezh1), mRNA [NM_001107051]	19,589
RGD1311595	PREDICTED: Rattus norvegicus similar to KIAA2026 protein (RGD1311595), mRNA [XM_001079649]	19,588
Cap1	Rattus norvegicus CAP, adenylate cyclase-associated protein 1 (yeast) (Cap1), mRNA [NM_022383]	19,586
Col12a1	Collagen alpha-1(XII) chain [Source:UniProtKB/Swiss-Prot;Acc:P70560] [ENSRNOT00000043691]	19,583
Ythdc1	Rattus norvegicus YTH domain containing 1 (Ythdc1), mRNA [NM_133423]	19,582
Scoc	Rattus norvegicus short coiled-coil protein (Scoc), mRNA [NM_001013235]	19,578
0	Unknown	19,568

Gpd2	Rattus norvegicus glycerol-3-phosphate dehydrogenase 2, mitochondrial (Gpd2), nuclear gene encoding mitochondrial protein, mRNA [NM_012736]	19,565
Map1lc3b	Rattus norvegicus microtubule-associated protein 1 light chain 3 beta (Map1lc3b), mRNA [NM_022867]	19,560
Zfp57	Rattus norvegicus zinc finger protein 57 (Zfp57), mRNA [NM_213565]	19,560
Fam187b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT17] [ENSRNOT00000028593]	19,558
Jazf1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA80] [ENSRNOT00000039580]	19,555
Ccdc153	Rattus norvegicus coiled-coil domain containing 153 (Ccdc153), mRNA [NM_001013953]	19,551
Tbc1d9b	Rattus norvegicus TBC1 domain family, member 9B (Tbc1d9b), mRNA [NM_001108274]	19,549
Ccdc101	Rattus norvegicus coiled-coil domain containing 101 (Ccdc101), mRNA [NM_001114502]	19,548
Foxred2	Rattus norvegicus FAD-dependent oxidoreductase domain containing 2 (Foxred2), mRNA [NM_001191787]	19,543
Ube2v1	Rattus norvegicus ubiquitin-conjugating enzyme E2 variant 1 (Ube2v1), mRNA [NM_001110345]	19,538
Erc2	Rattus norvegicus ELKS/RAB6-interacting/CAST family member 2 (Erc2), mRNA [NM_170787]	19,533
Tspsyl2	Rattus norvegicus TSPY-like 2 (Tspsyl2), mRNA [NM_001191618]	19,532
RGD1561149	Rattus norvegicus similar to mKIAA1522 protein (RGD1561149), mRNA [NM_001134629]	19,530
Lcp1	Rattus norvegicus lymphocyte cytosolic protein 1 (Lcp1), mRNA [NM_001012044]	19,524
Hist2h3c	PREDICTED: Rattus norvegicus similar to CG31613-PA (LOC679950), mRNA [XM_001055051]	19,520
LOC686205	PREDICTED: Rattus norvegicus hypothetical protein LOC686205 (LOC686205), mRNA [XM_001072876]	19,514
Picalm	Rattus norvegicus phosphatidylinositol binding clathrin assembly protein (Picalm), mRNA [NM_053554]	19,513
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8Y2] [ENSRNOT00000034387]	19,508
Tas2r113	Rattus norvegicus taste receptor, type 2, member 113 (Tas2r113), mRNA [NM_001166689]	19,507
Slc6a18	Rattus norvegicus solute carrier family 6, member 18 (Slc6a18), mRNA [NM_017163]	19,499
Pigh	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class H (Pigh), mRNA [NM_001108714]	19,499
Ube2m	Rattus norvegicus ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast) (Ube2m), mRNA [NM_001108471]	19,496
Atxn1	Rattus norvegicus ataxin 1 (Atxn1), mRNA [NM_012726]	19,494
0	Unknown	19,493
RGD1308226	Rattus norvegicus similar to hypothetical protein FLJ32786 (RGD1308226), mRNA [NM_001106589]	19,493
0	Protein jagged-2 [Source:UniProtKB/Swiss-Prot;Acc:P97607] [ENSRNOT00000019066]	19,491
Pafah1b3	Rattus norvegicus platelet-activating factor acetylhydrolase, isoform 1b, subunit 3 (Pafah1b3), mRNA [NM_053654]	19,490
Defb51	Rattus norvegicus defensin beta 51 (Defb51), mRNA [NM_001037547]	19,488
0	Histone H2A type 2-A [Source:UniProtKB/Swiss-Prot;Acc:P0CC09] [ENSRNOT00000047696]	19,480
Rassf5	Rattus norvegicus Ras association (RalGDS/AF-6) domain family member 5 (Rassf5), mRNA [NM_019365]	19,479
Acd	Rattus norvegicus adrenocortical dysplasia homolog (mouse) (Acd), mRNA [NM_001037193]	19,479
Ppfia3	Liprin-alpha-3 [Source:UniProtKB/Swiss-Prot;Acc:Q91Z79] [ENSRNOT00000028142]	19,478
Mtch2	Rattus norvegicus mitochondrial carrier homolog 2 (C. elegans) (Mtch2), nuclear gene encoding mitochondrial protein, mRNA [NM_001106488]	19,478

Psors1c2	Rattus norvegicus psoriasis susceptibility 1 candidate 2 (human) (Psors1c2), mRNA [NM_001166016]	19,476
Ptpn1	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 1 (Ptpn1), mRNA [NM_012637]	19,475
Plekhh1	Rattus norvegicus pleckstrin homology domain containing, family H (with MyTH4 domain) member 1 (Plekhh1), mRNA [NM_001108036]	19,471
0	Unknown	19,469
Acox1	Peroxisomal acyl-coenzyme A oxidase 1Peroxisomal acyl-CoA oxidase 1, A chainPeroxisomal acyl-CoA oxidase 1, B chainPeroxisomal acyl-CoA oxidase 1, C chain [Source:UniProtKB/Swiss-Prot;Acc:P07872] [ENSRNOT00000042372]	19,467
Lzts2	Rattus norvegicus leucine zipper, putative tumor suppressor 2 (Lzts2), mRNA [NM_001014247]	19,465
Abat	Rattus norvegicus 4-aminobutyrate aminotransferase (Abat), nuclear gene encoding mitochondrial protein, mRNA [NM_031003]	19,462
0	Rattus norvegicus cDNA clone IMAGE:7377987. [BC158826]	19,461
Tmem59	Rattus norvegicus transmembrane protein 59 (Tmem59), mRNA [NM_001139465]	19,460
0	Unknown	19,459
Sned1	Rattus norvegicus isolate No:6 insulin responsive sequence DNA binding protein-1 mRNA, partial cds. [AF439716]	19,458
Defb20	Rattus norvegicus defensin beta 20 (Defb20), mRNA [NM_001037517]	19,454
Cd164	Rattus norvegicus CD164 molecule, sialomucin (Cd164), mRNA [NM_031812]	19,451
0	Unknown	19,451
Ammecr1l	Rattus norvegicus AMME chromosomal region gene 1-like (Ammecr1l), mRNA [NM_001107399]	19,446
Tmem188	Rattus norvegicus transmembrane protein 188 (Tmem188), mRNA [NM_001106173]	19,444
0	Unknown	19,444
Arf3	Rattus norvegicus ADP-ribosylation factor 3 (Arf3), mRNA [NM_080904]	19,443
Ppp2r5c	Rattus norvegicus protein phosphatase 2, regulatory subunit B', gamma isoform (Ppp2r5c), mRNA [NM_001191112]	19,439
Park7	Rattus norvegicus Parkinson disease (autosomal recessive, early onset) 7, mRNA (cDNA clone MGC:108615 IMAGE:7376914), complete cds. [BC091128]	19,437
Pcdhgb2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFX5] [ENSRNOT00000065447]	19,437
0	Unknown	19,429
Cuedc1	Rattus norvegicus CUE domain containing 1 (Cuedc1), mRNA [NM_001013971]	19,421
0	Unknown	19,419
Acap2	Rattus norvegicus ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 (Acap2), mRNA [NM_001034006]	19,419
0	TGF-beta activated kinase 1/MAP3K7 binding protein 3 Gene [Source:MGI Symbol;Acc:MGI:1913974] [ENSRNOT00000004854]	19,414
Cxxc1	Rattus norvegicus CXXC finger 1 (PHD domain) (Cxxc1), mRNA [NM_001079698]	19,394
Fzr1	Rattus norvegicus fizzy/cell division cycle 20 related 1 (Drosophila) (Fzr1), mRNA [NM_001108074]	19,392
LOC100233213	Rattus norvegicus hypothetical protein LOC100233213 (LOC100233213), mRNA [NM_001143803]	19,390
Cndp1	Rattus norvegicus carnosine dipeptidase 1 (metallopeptidase M20 family) (Cndp1), mRNA [NM_001007687]	19,387
Adcyap1r1	Rattus norvegicus adenylate cyclase activating polypeptide 1 receptor 1 (Adcyap1r1), mRNA [NM_133511]	19,383
0	Unknown	19,378

Suclg2	Rattus norvegicus succinate-CoA ligase, GDP-forming, beta subunit (Suclg2), nuclear gene encoding mitochondrial protein, mRNA [NM_001100750]	19,374
Gpr137b	Rattus norvegicus G protein-coupled receptor 137B (Gpr137b), mRNA [NM_001105978]	19,373
Ntrk2	Rattus norvegicus neurotrophic tyrosine kinase, receptor, type 2 (Ntrk2), transcript variant 1, mRNA [NM_012731]	19,369
Psm3	Rattus norvegicus proteasome (prosome, macropain) subunit, alpha type 3 (Psm3), mRNA [NM_017280]	19,369
Scrg1	Rattus norvegicus stimulator of chondrogenesis 1 (Scrg1), mRNA [NM_033499]	19,367
Ganab	Rattus norvegicus glucosidase, alpha; neutral AB (Ganab), mRNA [NM_001106334]	19,366
0	Q80UV2_MOUSE (Q80UV2) AU042671 protein, partial (40%) [TC598606]	19,359
Map3k7ip2	Rattus norvegicus mitogen-activated protein kinase kinase kinase 7 interacting protein 2 (Map3k7ip2), mRNA [NM_001012062]	19,350
0	Rattus norvegicus zinc finger protein 184, mRNA (cDNA clone MGC:156842 IMAGE:7381364), complete cds. [BC128784]	19,349
RGD1560088	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQH7] [ENSRNOT00000047207]	19,344
LOC680370	Rattus norvegicus hypothetical protein LOC680370 (LOC680370), mRNA [NM_001109402]	19,342
Rgs20	Rattus norvegicus regulator of G-protein signaling 20 (Rgs20), mRNA [NM_001127495]	19,341
Fkbp1a	Rattus norvegicus FK506 binding protein 1a (Fkbp1a), mRNA [NM_013102]	19,341
Gli3	Rattus norvegicus GLI-Kruppel family member GLI3 (Gli3), mRNA [NM_080405]	19,340
Abhd14b	Rattus norvegicus abhydrolase domain containing 14b (Abhd14b), mRNA [NM_001007664]	19,337
Elovl4	Rattus norvegicus elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4 (Elovl4), mRNA [NM_001191796]	19,337
Pars2	Rattus norvegicus prolyl-tRNA synthetase 2, mitochondrial (putative) (Pars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001014064]	19,337
LOC362795	Rattus norvegicus immunoglobulin G heavy chain, mRNA (cDNA clone IMAGE:7385053). [BC098733]	19,336
RGD1310495	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDM4] [ENSRNOT00000000720]	19,334
Mn1	Rattus norvegicus meningioma 1 (Mn1), mRNA [NM_001191928]	19,333
Grm1	Rattus norvegicus glutamate receptor, metabotropic 1 (Grm1), transcript variant 1, mRNA [NM_017011]	19,332
0	Unknown	19,330
Arid5b	Rattus norvegicus AT rich interactive domain 5B (Mrf1 like) (Arid5b), mRNA [NM_001107624]	19,329
LOC688948	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAJ9] [ENSRNOT00000041748]	19,325
Hpcal4	Rattus norvegicus hippocalcin-like 4 (Hpcal4), mRNA [NM_017357]	19,325
Acvr1c	Rattus norvegicus activin A receptor, type IC (Acvr1c), mRNA [NM_139090]	19,324
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNE4] [ENSRNOT00000056975]	19,321
0	Unknown	19,312
Slitrk2	Rattus norvegicus SLIT and NTRK-like family, member 2 (Slitrk2), mRNA [NM_001107587]	19,302
RGD1564257	Rattus norvegicus similar to hypothetical protein FLJ32825 (RGD1564257), mRNA [NM_001163723]	19,294
0	EST346778 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone RGICV78 5' end, mRNA sequence [AW915474]	19,293
LOC499718	PREDICTED: Rattus norvegicus hypothetical LOC499718 (LOC499718), mRNA [XM_001078222]	19,282

Kpna3	Rattus norvegicus karyopherin alpha 3 (Kpna3), mRNA [NM_001014792]	19,280
0	Unknown	19,277
Impa2	Rattus norvegicus inositol (myo)-1(or 4)-monophosphatase 2 (Impa2), mRNA [NM_172224]	19,275
0	Potassium voltage-gated channel subfamily C member 2 [Source:UniProtKB/Swiss-Prot;Acc:P22462] [ENSRNOT00000049943]	19,275
Phlpp1	Rattus norvegicus PH domain and leucine rich repeat protein phosphatase 1 (Phlpp1), mRNA [NM_021657]	19,268
Nrn1	Rattus norvegicus neuritin 1 (Nrn1), mRNA [NM_053346]	19,268
Ankh	Rattus norvegicus ankylosis, progressive homolog (mouse) (Ankh), mRNA [NM_053714]	19,261
RGD1310427	Rattus norvegicus similar to KIAA0090 protein (RGD1310427), mRNA [NM_001108690]	19,254
Kcnp1	Rattus norvegicus Kv channel-interacting protein 1 (Kcnp1), mRNA [NM_022929]	19,252
0	Unknown	19,251
Ap1m1	Rattus norvegicus adaptor-related protein complex 1, mu 1 subunit (Ap1m1), mRNA [NM_001044239]	19,247
Pigt	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class T (Pigt), mRNA [NM_001106540]	19,244
Ankrd54	Rattus norvegicus ankyrin repeat domain 54 (Ankrd54), mRNA [NM_001025285]	19,242
Lass2	Rattus norvegicus LAG1 homolog, ceramide synthase 2 (Lass2), mRNA [NM_001033700]	19,241
Phlpp2	Rattus norvegicus PH domain and leucine rich repeat protein phosphatase 2 (Phlpp2), mRNA [NM_001109131]	19,240
Aadat	Rattus norvegicus amino adipate aminotransferase (Aadat), mRNA [NM_017193]	19,239
Atp7b	Rattus norvegicus ATPase, Cu ⁺⁺ transporting, beta polypeptide (Atp7b), mRNA [NM_012511]	19,239
Prodh2	Rattus norvegicus proline dehydrogenase (oxidase) 2 (Prodh2), mRNA [NM_001038588]	19,237
LOC691298	PREDICTED: Rattus norvegicus similar to peptidoglycan recognition protein 2 (LOC691298), mRNA [XM_002729754]	19,236
Slc16a11	Rattus norvegicus solute carrier family 16 (monocarboxylic acid transporters), member 11 (Slc16a11), mRNA [NM_001105797]	19,234
LOC503202	PREDICTED: Rattus norvegicus similar to seven transmembrane helix receptor (LOC503202), mRNA [XM_002727072]	19,233
0	Unknown	19,232
Ephb6	Rattus norvegicus Eph receptor B6 (Ephb6), mRNA [NM_001107857]	19,230
0	Neuronal PAS domain protein 3 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZI2] [ENSRNOT00000067066]	19,230
LOC100362981	LRRGT00010 [Source:UniProtKB/TrEMBL;Acc:Q6TXI9] [ENSRNOT00000047211]	19,227
Klf15	Rattus norvegicus Kruppel-like factor 15 (Klf15), mRNA [NM_053536]	19,221
Arnt2	Rattus norvegicus aryl hydrocarbon receptor nuclear translocator 2 (Arnt2), mRNA [NM_012781]	19,219
Ccna1	Rattus norvegicus cyclin A1 (Ccna1), mRNA [NM_001011949]	19,209
0	U1 small nuclear ribonucleoprotein C [Source:UniProtKB/TrEMBL;Acc:D3ZCL3] [ENSRNOT00000000586]	19,208
Suox	Rattus norvegicus sulfite oxidase (Suox), nuclear gene encoding mitochondrial protein, mRNA [NM_031127]	19,207
Smo	Rattus norvegicus smoothed homolog (Drosophila) (Smo), mRNA [NM_012807]	19,193
0	Unknown	19,189
Igf1	Rattus norvegicus insulin-like growth factor 1 (Igf1), transcript variant 4, mRNA [NM_001082479]	19,181

Pdgfa	Rattus norvegicus platelet-derived growth factor alpha polypeptide (Pdgfa), mRNA [NM_012801]	19,169
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAP4] [ENSRNOT00000020882]	19,165
Srm	Rattus norvegicus spermidine synthase (Srm), mRNA [NM_053464]	19,163
0	Unknown	19,154
Kcnip3	Rattus norvegicus Kv channel interacting protein 3, calsenilin (Kcnip3), mRNA [NM_032462]	19,148
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9W8] [ENSRNOT00000014537]	19,147
0	Unknown	19,147
Hs3st1	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 1 (Hs3st1), mRNA [NM_053391]	19,146
Zfp423	Rattus norvegicus zinc finger protein 423 (Zfp423), mRNA [NM_053583]	19,138
Kcnk5	Rattus norvegicus potassium channel, subfamily K, member 5 (Kcnk5), mRNA [NM_001039516]	19,138
Acta2	Rattus norvegicus smooth muscle alpha-actin (Acta2), mRNA [NM_031004]	19,138
Hs2st1	Rattus norvegicus heparan sulfate 2-O-sulfotransferase 1 (Hs2st1), mRNA [NM_001100518]	19,117
Tnpo3	Rattus norvegicus transportin 3 (Tnpo3), mRNA [NM_001106587]	19,116
0	SAGA-associated factor 29 homolog [Source:UniProtKB/Swiss-Prot;Acc:P0C606] [ENSRNOT00000026146]	19,114
Zfp91	Rattus norvegicus zinc finger protein 91 (Zfp91), mRNA [NM_001169120]	19,113
Sfrs15	Rattus norvegicus splicing factor, arginine/serine-rich 15 (Sfrs15), mRNA [NM_001037347]	19,105
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAS6] [ENSRNOT00000000895]	19,102
Tcn2	Rattus norvegicus transcobalamin 2 (Tcn2), mRNA [NM_022534]	19,095
Notch3	Rattus norvegicus Notch homolog 3 (Drosophila) (Notch3), mRNA [NM_020087]	19,094
Rai1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4Z4] [ENSRNOT00000039411]	19,082
0	PREDICTED: Rattus norvegicus similar to minichromosome maintenance protein 8 isoform 1 (RGD1560557), miscRNA [XR_007676]	19,080
Adprh	Rattus norvegicus ADP-ribosylarginine hydrolase (Adprh), mRNA [NM_183325]	19,070
0	Rattus norvegicus similar to px19-like protein (LOC309182), mRNA [XM_219534]	19,070
Rrm2	Rattus norvegicus ribonucleotide reductase M2 (Rrm2), mRNA [NM_001025740]	19,068
Cd93	Rattus norvegicus CD93 molecule (Cd93), mRNA [NM_053383]	19,067
G4	Rattus norvegicus G4 protein (G4), mRNA [NM_001003975]	19,062
0	Unknown	19,060
0	Unknown	19,059
Eno2	Gamma-enolase [Source:UniProtKB/Swiss-Prot;Acc:P07323] [ENSRNOT00000005601]	19,057
LOC688421	PREDICTED: Rattus norvegicus similar to Spetex-2C protein (LOC688421), mRNA [XM_001066867]	19,057
C1ql1	Rattus norvegicus complement component 1, q subcomponent-like 1 (C1ql1), mRNA [NM_001108838]	19,052
0	Protein tyrosine phosphatase, receptor type, B (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE19] [ENSRNOT00000058384]	19,045
Msl3l2	Rattus norvegicus male-specific lethal 3-like 2 (Drosophila) (Msl3l2), mRNA [NM_001014032]	19,045

Bat3	Rattus norvegicus HLA-B-associated transcript 3 (Bat3), transcript variant 2, mRNA [NM_053609]	19,044
RGD1310686	Rattus norvegicus similar to chromosome 16 open reading frame 5 (RGD1310686), mRNA [NM_001008360]	19,038
0	Rattus norvegicus, 25 clones, strain BN/SsNHsdMCW RNOR03324481, whole genome shotgun sequence [AABR03128056]	19,037
Stxbp2	Rattus norvegicus syntaxin binding protein 2 (Stxbp2), mRNA [NM_031126]	19,035
0	Unknown	19,033
Syngap1	Rattus norvegicus synaptic Ras GTPase activating protein 1 homolog (rat) (Syngap1), transcript variant 1, mRNA [NM_181092]	19,029
Gdf10	Rattus norvegicus growth differentiation factor 10 (Gdf10), mRNA [NM_024375]	19,029
Gpr123	Rattus norvegicus G protein-coupled receptor 123 (Gpr123), mRNA [NM_001107559]	19,028
Amph	Rattus norvegicus amphiphysin (Amph), mRNA [NM_022217]	19,026
Hif1a	Rattus norvegicus hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) (Hif1a), mRNA [NM_024359]	19,021
LOC689587	PREDICTED: Rattus norvegicus similar to chromosome 9 open reading frame 79 (LOC689587), mRNA [XM_001071271]	19,013
Gapdh	Rattus norvegicus glyceraldehyde-3-phosphate dehydrogenase (Gapdh), mRNA [NM_017008]	19,010
RGD1305938	Rattus norvegicus TL0AAA77YA11 mRNA sequence. [FQ211901]	19,009
Snx10	Rattus norvegicus sorting nexin 10 (Snx10), mRNA [NM_001013085]	19,008
0	Unknown	19,005
Mlx	Rattus norvegicus MAX-like protein X (Mlx), mRNA [NM_001034112]	19,004
Nxph3	Neurexophilin-3 [Source:UniProtKB/Swiss-Prot;Acc:Q9Z2N5] [ENSRNOT00000007133]	19,004
Rnf123	Rattus norvegicus ring finger protein 123 (Rnf123), mRNA [NM_001191580]	18,998
Lphn2	Rattus norvegicus latrophilin 2 (Lphn2), transcript variant 1, mRNA [NM_134408]	18,998
Sec24a	Rattus norvegicus SEC24 family, member A (S. cerevisiae) (Sec24a), mRNA [NM_001105780]	18,996
Smpd3	Rattus norvegicus sphingomyelin phosphodiesterase 3, neutral membrane (Smpd3), mRNA [NM_053605]	18,996
Ptprn2	Rattus norvegicus protein tyrosine phosphatase, receptor type, N polypeptide 2 (Ptprn2), mRNA [NM_031600]	18,994
0	Unknown	18,989
Inpp5j	Rattus norvegicus inositol polyphosphate-5-phosphatase J (Inpp5j), mRNA [NM_133562]	18,984
Cyp26b1	Rattus norvegicus cytochrome P450, family 26, subfamily b, polypeptide 1 (Cyp26b1), mRNA [NM_181087]	18,979
Ptk2b	Rattus norvegicus PTK2B protein tyrosine kinase 2 beta (Ptk2b), mRNA [NM_017318]	18,977
0	Unknown	18,976
Khdrbs2	Rattus norvegicus KH domain containing, RNA binding, signal transduction associated 2 (Khdrbs2), mRNA [NM_133318]	18,974
Tomm22	Rattus norvegicus translocase of outer mitochondrial membrane 22 homolog (yeast) (Tomm22), nuclear gene encoding mitochondrial protein, mRNA [NM_212514]	18,971
Kctd11	Rattus norvegicus potassium channel tetramerisation domain containing 11 (Kctd11), mRNA [NM_001108831]	18,970
Cyb561d1	Rattus norvegicus cytochrome b-561 domain containing 1 (Cyb561d1), mRNA [NM_001108562]	18,970
Gtf3c6	Rattus norvegicus general transcription factor IIIC, polypeptide 6, alpha (Gtf3c6), mRNA [NM_001108537]	18,969
Ddah1	Rattus norvegicus dimethylarginine dimethylaminohydrolase 1 (Ddah1), mRNA [NM_022297]	18,968

Ttc17	Rattus norvegicus tetratricopeptide repeat domain 17 (Ttc17), mRNA [NM_001107752]	18,966
Sptan1	Rattus norvegicus spectrin, alpha, non-erythrocytic 1 (Sptan1), mRNA [NM_171983]	18,965
Vps37d	Rattus norvegicus similar to vacuolar protein sorting 37D (LOC687208), mRNA [NM_001128193]	18,963
Gba	Rattus norvegicus glucosidase, beta, acid (Gba), mRNA [NM_001127639]	18,959
Zc3h7b	Rattus norvegicus zinc finger CCCH-type containing 7B (Zc3h7b), mRNA [NM_001130695]	18,958
LOC682968	PREDICTED: Rattus norvegicus similar to Retinal homeobox protein Rx (DRx1) (DRx) (LOC682968), mRNA [XM_001063896]	18,957
Snx17	Rattus norvegicus sorting nexin 17 (Snx17), mRNA [NM_001011981]	18,956
Gramd2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIZ1] [ENSRNOT00000036798]	18,949
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFR5] [ENSRNOT00000016784]	18,949
Ankrd17	Rattus norvegicus ankyrin repeat domain 17 (Ankrd17), mRNA [NM_001105999]	18,948
0	Rattus norvegicus similar to putative pheromone receptor (LOC301894), mRNA [XM_229376]	18,946
Cspg4	Rattus norvegicus chondroitin sulfate proteoglycan 4 (Cspg4), mRNA [NM_031022]	18,944
Khsrp	Rattus norvegicus KH-type splicing regulatory protein (Khsrp), mRNA [NM_133602]	18,944
Ascl1	Rattus norvegicus achaete-scute complex homolog 1 (Drosophila) (Ascl1), mRNA [NM_022384]	18,943
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU72] [ENSRNOT00000059829]	18,943
Wwc2	Rattus norvegicus WW and C2 domain containing 2 (Wwc2), mRNA [NM_001109111]	18,943
39508	Rattus norvegicus membrane-associated ring finger (C3HC4) 8 (March8), mRNA [NM_001107882]	18,940
Hcn3	Rattus norvegicus hyperpolarization-activated cyclic nucleotide-gated potassium channel 3 (Hcn3), mRNA [NM_053685]	18,939
Ifngr2	Rattus norvegicus interferon gamma receptor 2 (Ifngr2), mRNA [NM_001108313]	18,933
0	Unknown	18,930
Ergic3	Rattus norvegicus ERGIC and golgi 3 (Ergic3), mRNA [NM_001106533]	18,922
Fgf13	Rattus norvegicus fibroblast growth factor 13 (Fgf13), mRNA [NM_053428]	18,919
Znf503	Rattus norvegicus zinc finger protein 503 (Znf503), mRNA [NM_001107250]	18,918
Nhlh1	Rattus norvegicus nescient helix loop helix 1 (Nhlh1), mRNA [NM_001105970]	18,916
LOC687001	Rattus norvegicus similar to histone deacetylase 9 isoform 5 (LOC687001), mRNA [NM_001200045]	18,913
Max	Rattus norvegicus MYC associated factor X (Max), mRNA [NM_022210]	18,910
Tmem184b	Rattus norvegicus transmembrane protein 184B (Tmem184b), mRNA [NM_001173370]	18,909
0	Unknown	18,909
Ube2q1	Rattus norvegicus ubiquitin-conjugating enzyme E2Q family-like 1 (Ube2q1), mRNA [NM_001145163]	18,908
Cenpn	Rattus norvegicus centromere protein N (Cenpn), mRNA [NM_001008366]	18,902
Ugt2b5	Rattus norvegicus UDP glucuronosyltransferase 2 family, polypeptide B5 (Ugt2b5), mRNA [NM_153314]	18,900
Rasl12	Rattus norvegicus RAS-like, family 12 (Rasl12), mRNA [NM_001108162]	18,895
0	Unknown	18,895
Ppat	Rattus norvegicus phosphoribosyl pyrophosphate amidotransferase (Ppat), mRNA [NM_057198]	18,892

Clstn3	Rattus norvegicus calsyntenin 3 (Clstn3), mRNA [NM_134376]	18,890
Stac	PREDICTED: Rattus norvegicus SH3 and cysteine rich domain (Stac), mRNA [XM_001076458]	18,887
Zmat3	Rattus norvegicus zinc finger, matrin type 3 (Zmat3), mRNA [NM_022548]	18,887
Cd44	Rattus norvegicus Cd44 molecule (Cd44), mRNA [NM_012924]	18,887
Jph4	Rattus norvegicus junctophilin 4 (Jph4), mRNA [NM_001003711]	18,884
Sox6	Rattus norvegicus SRY (sex determining region Y)-box 6 (Sox6), mRNA [NM_001024751]	18,882
Dcun1d4	Rattus norvegicus DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae) (Dcun1d4), mRNA [NM_001108359]	18,881
Xrra1	Rattus norvegicus X-ray radiation resistance associated 1 (Xrra1), mRNA [NM_001113753]	18,880
Mt2A	Rattus norvegicus metallothionein 2A (Mt2A), mRNA [NM_001137564]	18,879
0	Unknown	18,877
LOC303448	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC303448), mRNA [NM_001037190]	18,867
Jazf1	PREDICTED: Rattus norvegicus JAZF zinc finger 1 (Jazf1), mRNA [XM_002726367]	18,860
0	Unknown	18,857
Mamstr	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHU3] [ENSRNOT00000029167]	18,857
0	Unknown	18,857
Bag3	Rattus norvegicus Bcl2-associated athanogene 3 (Bag3), mRNA [NM_001011936]	18,848
0	Unknown	18,846
Pppde2	Rattus norvegicus PPPDE peptidase domain containing 2 (Pppde2), mRNA [NM_001025703]	18,846
Nt5dc3	Rattus norvegicus 5'-nucleotidase domain containing 3 (Nt5dc3), mRNA [NM_001134887]	18,844
Kcnd1	Rattus norvegicus potassium voltage-gated channel, Shal-related subfamily, member 1 (Kcnd1), mRNA [NM_001105748]	18,840
RGD735065	Rattus norvegicus similar to Gl:13385412-like protein splice form I (RGD735065), mRNA [NM_199379]	18,837
Msx1	Rattus norvegicus msh homeobox 1 (Msx1), mRNA [NM_031059]	18,835
Cdh11	Rattus norvegicus cadherin 11 (Cdh11), mRNA [NM_053392]	18,833
Clvs1	Rattus norvegicus clavesin 1 (Clvs1), mRNA [NM_001108969]	18,832
Kcne1l	Rattus norvegicus potassium voltage-gated channel, Isk-related family, member 1-like (Kcne1l), mRNA [NM_001101003]	18,827
Fam117b	Rattus norvegicus family with sequence similarity 117, member B (Fam117b), mRNA [NM_001108797]	18,826
Mfap2	Rattus norvegicus microfibrillar-associated protein 2 (Mfap2), mRNA [NM_001107989]	18,825
Dnah10	PREDICTED: Rattus norvegicus dynein, axonemal, heavy polypeptide 10 (Dnah10), mRNA [XM_001078937]	18,824
Fmo1	Rattus norvegicus flavin containing monooxygenase 1 (Fmo1), mRNA [NM_012792]	18,822
Kcna6	Rattus norvegicus potassium voltage gated channel, shaker related subfamily, member 6 (Kcna6), mRNA [NM_023954]	18,818
Tmem132b	Rattus norvegicus transmembrane protein 132B (Tmem132b), mRNA [NM_001134536]	18,815
Mpped1	Rattus norvegicus metallophosphoesterase domain containing 1 (Mpped1), mRNA [NM_001130569]	18,814
Defb27	Rattus norvegicus defensin beta 27 (Defb27), mRNA [NM_001037519]	18,814
0	Rattus norvegicus similar to citrate synthase; citrate synthase precursor (LOC299750), mRNA [XM_235086]	18,813

Phb	Rattus norvegicus prohibitin (Phb), mRNA [NM_031851]	18,813
RGD1563482	Rattus norvegicus similar to hypothetical protein FLJ38663 (RGD1563482), mRNA [NM_001109065]	18,810
Reln	Rattus norvegicus reelin (Reln), mRNA [NM_080394]	18,808
Zfp280d	Rattus norvegicus zinc finger protein 280D (Zfp280d), mRNA [NM_001108165]	18,804
0	kelch repeat and BTB domain-containing protein 4 [Source:RefSeq peptide;Acc:NP_001101216] [ENSRNOT00000012876]	18,798
Dpysl2	Rattus norvegicus dihydropyrimidinase-like 2 (Dpysl2), mRNA [NM_001105717]	18,797
Prrxl1	Rattus norvegicus paired related homeobox protein-like 1 (Prrxl1), mRNA [NM_145767]	18,797
Dcaf4	Rattus norvegicus DDB1 and CUL4 associated factor 4 (Dcaf4), mRNA [NM_001108716]	18,791
RGD1309492	Rattus norvegicus similar to mKIAA1737 protein (RGD1309492), mRNA [NM_001108044]	18,787
0	Calcipressin-2 [Source:UniProtKB/Swiss-Prot;Acc:Q8CH27] [ENSRNOT00000029593]	18,779
Pabpc4	Rattus norvegicus poly(A) binding protein, cytoplasmic 4 (Pabpc4), mRNA [NM_001100538]	18,778
LOC689786	PREDICTED: Rattus norvegicus similar to ribosomal protein L35a (LOC689786), mRNA [XM_001072004]	18,774
0	Unknown	18,774
Pus10	Rattus norvegicus pseudouridylate synthase 10 (Pus10), mRNA [NM_001025278]	18,771
Fam81a	Rattus norvegicus family with sequence similarity 81, member A (Fam81a), mRNA [NM_001108163]	18,768
Psmf1	Rattus norvegicus proteasome inhibitor subunit 1 (Psmf1), mRNA [NM_001101005]	18,766
Nlk	Rattus norvegicus nemo like kinase (Nlk), mRNA [NM_001191924]	18,764
Slc19a2	Rattus norvegicus solute carrier family 19 (thiamine transporter), member 2 (Slc19a2), mRNA [NM_001030024]	18,762
Fcgr2a	Rattus norvegicus Fc fragment of IgG, low affinity IIa, receptor (CD32) (Fcgr2a), mRNA [NM_053843]	18,762
Dclk1	Rattus norvegicus doublecortin-like kinase 1 (Dclk1), transcript variant 1, mRNA [NM_053343]	18,760
Thrap3	Rattus norvegicus thyroid hormone receptor associated protein 3 (Thrap3), mRNA [NM_001009693]	18,749
Trpv1	Rattus norvegicus transient receptor potential cation channel, subfamily V, member 1 (Trpv1), mRNA [NM_031982]	18,748
LOC686076	PREDICTED: Rattus norvegicus similar to suppressor of initiator codon mutations, related sequence 1 (LOC686076), mRNA [XM_001066439]	18,746
Ncam2	Rattus norvegicus fasciclin II GPI-linked protein isoform mRNA, complete cds. [AY495696]	18,744
Arx	Rattus norvegicus aristaless related homeobox (Arx), mRNA [NM_001100174]	18,742
RGD1561149	Rattus norvegicus similar to mKIAA1522 protein (RGD1561149), mRNA [NM_001134629]	18,739
0	Unknown	18,735
Bag2	Rattus norvegicus Bcl2-associated athanogene 2 (Bag2), mRNA [NM_001128195]	18,733
0	PREDICTED: Rattus norvegicus dachshund homolog 2 (Drosophila) (Dach2), mRNA [XM_001055336]	18,724
LOC682812	PREDICTED: Rattus norvegicus similar to WD repeat domain 40A, transcript variant 3 (LOC682812), mRNA [XM_001059949]	18,723
Tprkb	Rattus norvegicus Tp53rk binding protein (Tprkb), mRNA [NM_001013926]	18,715
Thop1	Rattus norvegicus thimet oligopeptidase 1 (Thop1), mRNA [NM_172075]	18,711
0	Unknown	18,708
Kctd16	Rattus norvegicus potassium channel tetramerisation domain containing 16 (Kctd16), mRNA [NM_001172155]	18,706

0	Unknown	18,706
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYC5] [ENSRNOT00000043960]	18,702
RGD1359127	Rattus norvegicus similar to RIKEN cDNA 2310011J03 (RGD1359127), mRNA [NM_001007657]	18,702
Olr184	Rattus norvegicus olfactory receptor 184 (Olr184), mRNA [NM_001000182]	18,694
0	BC046289 Sec22l3 protein {Mus musculus} (exp=-1; wgp=0; cg=0), complete [TC638555]	18,693
Adra1d	Rattus norvegicus adrenergic, alpha-1D-, receptor (Adra1d), mRNA [NM_024483]	18,691
Glr1b	Rattus norvegicus glycine receptor, beta (Glr1b), mRNA [NM_053296]	18,686
0	UI-R-DY1-com-a-12-0-UI.s1 UI-R-DY1 Rattus norvegicus cDNA clone UI-R-DY1-com-a-12-0-UI 3', mRNA sequence [BQ210702]	18,685
Lhx4	Rattus norvegicus LIM homeobox 4 (Lhx4), mRNA [NM_001108348]	18,681
Sfrs4	Rattus norvegicus splicing factor, arginine/serine-rich 4 (Sfrs4), mRNA [NM_001108685]	18,678
Ostm1	Rattus norvegicus osteopetrosis associated transmembrane protein 1 (Ostm1), mRNA [NM_001029925]	18,676
Nat13	Rattus norvegicus N-acetyltransferase 13 (Nat13), mRNA [NM_001105881]	18,675
Serinc2	Rattus norvegicus serine incorporator 2 (Serinc2), mRNA [NM_001031656]	18,673
Pcdhga7	Rattus norvegicus protocadherin gamma subfamily A, 7 (Pcdhga7), mRNA [NM_001014773]	18,673
Clec12b	Rattus norvegicus C-type lectin domain family 12, member B (Clec12b), mRNA [NM_001109353]	18,669
Cacna1i	Rattus norvegicus calcium channel, voltage-dependent, T type, alpha 1i subunit (Cacna1i), mRNA [NM_020084]	18,668
Fgf14	Rattus norvegicus Fgf14b mRNA for fibroblast growth factor 14b, complete cds. [AB008908]	18,664
0	Unknown	18,663
0	Unknown	18,658
Acp2	Rattus norvegicus acid phosphatase 2, lysosomal (Acp2), mRNA [NM_016988]	18,655
RGD1565170	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTX9] [ENSRNOT00000043836]	18,654
LOC296235	Rattus norvegicus similar to Cystatin S precursor (LM protein) (LOC296235), mRNA [NM_001037350]	18,648
0	Unknown	18,648
Fads2	Rattus norvegicus fatty acid desaturase 2 (Fads2), mRNA [NM_031344]	18,636
Nudt5	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 5 (Nudt5), mRNA [NM_001007733]	18,636
Nr3c2	Rattus norvegicus nuclear receptor subfamily 3, group C, member 2 (Nr3c2), mRNA [NM_013131]	18,635
Fgf12	Rattus norvegicus fibroblast growth factor 12 (Fgf12), mRNA [NM_130814]	18,633
Ka11	Rattus norvegicus type I keratin KA11 (Ka11), mRNA [NM_001008750]	18,627
0	Unknown	18,622
Tnnt2	Rattus norvegicus troponin T type 2 (cardiac) (Tnnt2), mRNA [NM_012676]	18,620
Ppfibp1	Rattus norvegicus PTPRF interacting protein, binding protein 1 (liprin beta 1) (Ppfibp1), mRNA [NM_001107896]	18,616
Bcl2l1	Rattus norvegicus Bcl2-like 1 (Bcl2l1), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA [NM_001033670]	18,615
Ndr3	Rattus norvegicus N-myc downstream regulated gene 3 (Ndr3), mRNA [NM_001013923]	18,611
0	Unknown	18,607

Sufu	Rattus norvegicus suppressor of fused homolog (Drosophila) (Sufu), mRNA [NM_001024899]	18,607
Smek2	Rattus norvegicus SMEK homolog 2, suppressor of mek1 (Dictyostelium) (Smek2), mRNA [NM_001108367]	18,604
Dll4	Rattus norvegicus delta-like 4 (Drosophila) (Dll4), mRNA [NM_001107760]	18,603
Bard1	Rattus norvegicus BRCA1 associated RING domain 1 (Bard1), mRNA [NM_022622]	18,596
RGD1562211	Rattus norvegicus similar to ubiquitin specific protease 51 (RGD1562211), mRNA [NM_001108252]	18,595
Aldh3a2	Rattus norvegicus aldehyde dehydrogenase 3 family, member A2 (Aldh3a2), mRNA [NM_031731]	18,594
MGC114464	Rattus norvegicus similar to expressed sequence AI836003 (MGC114464), mRNA [NM_001024909]	18,591
Ramp1	Rattus norvegicus receptor (G protein-coupled) activity modifying protein 1 (Ramp1), mRNA [NM_031645]	18,583
Ankrd57	Rattus norvegicus ankyrin repeat domain 57 (Ankrd57), mRNA [NM_001109364]	18,581
Prosc	Rattus norvegicus proline synthetase co-transcribed homolog (bacterial) (Prosc), mRNA [NM_001107320]	18,574
Calu	Rattus norvegicus calumenin (Calu), transcript variant 2, mRNA [NM_001033898]	18,573
0	Unknown	18,571
0	Histone deacetylase 7 [Source:UniProtKB/Swiss-Prot;Acc:Q99P96] [ENSRNOT00000011159]	18,568
0	Unknown	18,560
0	Unknown	18,557
Mybl2	Rattus norvegicus myeloblastosis oncogene-like 2 (Mybl2), mRNA [NM_001106536]	18,555
Kpna6	Rattus norvegicus karyopherin alpha 6 (importin alpha 7) (Kpna6), mRNA [NM_001015029]	18,554
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKX0] [ENSRNOT00000022136]	18,552
Siat7F	Rattus norvegicus sialyltransferase 7F (Siat7F), mRNA [NM_001015036]	18,547
Wdr70	Rattus norvegicus WD repeat domain 70 (Wdr70), mRNA [NM_001013909]	18,539
Gpd2	Rattus norvegicus glycerol-3-phosphate dehydrogenase 2, mitochondrial (Gpd2), nuclear gene encoding mitochondrial protein, mRNA [NM_012736]	18,536
Sertad2	Rattus norvegicus SERTA domain containing 2 (Sertad2), mRNA [NM_001024903]	18,534
Utp15	Rattus norvegicus UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae) (Utp15), mRNA [NM_001107647]	18,533
Hsf1	Rattus norvegicus heat shock transcription factor 1 (Hsf1), mRNA [NM_024393]	18,526
Htr5a	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 5A (Htr5a), mRNA [NM_013148]	18,526
Zbbx	Rattus norvegicus zinc finger, B-box domain containing (Zbbx), mRNA [NM_001029922]	18,523
RGD1565725	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ23834 (RGD1565725), mRNA [XM_001069513]	18,521
Tmod1	Rattus norvegicus tropomodulin 1 (Tmod1), mRNA [NM_013044]	18,520
Eif4g2	Rattus norvegicus eukaryotic translation initiation factor 4, gamma 2 (Eif4g2), mRNA [NM_001017374]	18,519
Cyp4a1	Rattus norvegicus cytochrome P450, family 4, subfamily a, polypeptide 1 (Cyp4a1), mRNA [NM_175837]	18,519
Kif11	Rattus norvegicus kinesin family member 11 (Kif11), mRNA [NM_001169112]	18,518
Id4	Rattus norvegicus inhibitor of DNA binding 4 (Id4), mRNA [NM_175582]	18,516
Parp11	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPT5] [ENSRNOT00000027092]	18,515

0	Unknown	18,511
0	Unknown	18,510
Tctn1	Rattus norvegicus tectonic family member 1 (Tctn1), mRNA [NM_001177613]	18,509
0	Unknown	18,509
Mxi1	Rattus norvegicus MAX interactor 1 (Mxi1), mRNA [NM_013160]	18,506
Polr2e	Rattus norvegicus polymerase (RNA) II (DNA directed) polypeptide E (Polr2e), mRNA [NM_001109614]	18,506
Tbl1xr1	Rattus norvegicus transducin (beta)-like 1 X-linked receptor 1 (Tbl1xr1), mRNA [NM_001108941]	18,502
Mcm6	Rattus norvegicus minichromosome maintenance complex component 6 (Mcm6), mRNA [NM_017287]	18,502
0	Unknown	18,492
Prtfdc1	Rattus norvegicus phosphoribosyl transferase domain containing 1 (Prtfdc1), mRNA [NM_001106127]	18,485
0	Rattus norvegicus cdig1U mRNA for hypothetical protein, complete cds. [AB086233]	18,485
Atcay	Rattus norvegicus ataxia, cerebellar, Cayman type (Atcay), mRNA [NM_001040190]	18,481
Top3b	Rattus norvegicus topoisomerase (DNA) III beta (Top3b), mRNA [NM_001105861]	18,480
LOC100360244	Rattus norvegicus LRRGT00053-like (LOC100360244), mRNA [NM_001177863]	18,476
0	Unknown	18,474
RGD1309534	Rattus norvegicus similar to RIKEN cDNA 4931406C07 (RGD1309534), mRNA [NM_001014206]	18,467
Ppp2r5e	Rattus norvegicus protein phosphatase 2, regulatory subunit B', epsilon isoform (Ppp2r5e), mRNA [NM_001106740]	18,458
0	Unknown	18,458
0	Unknown	18,457
Carf	Rattus norvegicus calcium response factor (Carf), mRNA [NM_001106915]	18,454
Snap29	Rattus norvegicus synaptosomal-associated protein 29 (Snap29), mRNA [NM_053810]	18,452
0	Unknown	18,452
Lhfpl2	Rattus norvegicus lipoma HMGIC fusion partner-like 2 (Lhfpl2), mRNA [NM_001106402]	18,452
Zim1	Rattus norvegicus zinc finger, imprinted 1 (Zim1), mRNA [NM_001107473]	18,452
Fstl1	Rattus norvegicus follistatin-like 1 (Fstl1), mRNA [NM_024369]	18,450
Arid5a	Rattus norvegicus AT rich interactive domain 5A (Mrf1 like) (Arid5a), mRNA [NM_001034934]	18,450
Adra1a	Rattus norvegicus adrenergic, alpha-1A-, receptor (Adra1a), mRNA [NM_017191]	18,450
Pi16	Rattus norvegicus peptidase inhibitor 16 (Pi16), mRNA [NM_001170481]	18,443
Iqsec3	Rattus norvegicus IQ motif and Sec7 domain 3 (Iqsec3), mRNA [NM_207617]	18,442
RGD1310597	Rattus norvegicus similar to RIKEN cDNA 1200014M14 (RGD1310597), mRNA [NM_001025647]	18,441
Inha	Rattus norvegicus inhibin alpha (Inha), mRNA [NM_012590]	18,440
Syt2	Rattus norvegicus synaptotagmin II (Syt2), mRNA [NM_012665]	18,439
Sdcbp	Rattus norvegicus syndecan binding protein (Sdcbp), mRNA [NM_031986]	18,439
0	Unknown	18,436

Fbxl5	Rattus norvegicus F-box and leucine-rich repeat protein 5 (Fbxl5), mRNA [NM_001107222]	18,433
Adcy9	Rattus norvegicus adenylate cyclase 9 (Adcy9), mRNA [NM_001106980]	18,433
Aif1l	Rattus norvegicus allograft inflammatory factor 1-like (Aif1l), mRNA [NM_001108578]	18,424
0	TULP3_MOUSE (O88413) Tubby-related protein 3 (Tubby-like protein 3), partial (40%) [TC600284]	18,422
Nol4	Rattus norvegicus nucleolar protein 4 (Nol4), mRNA [NM_001107401]	18,416
lqcf1	Rattus norvegicus IQ motif containing F1 (lqcf1), mRNA [NM_001109361]	18,415
Mdm4	Rattus norvegicus Mdm4 p53 binding protein homolog (mouse) (Mdm4), mRNA [NM_001012026]	18,409
Lman2l	Rattus norvegicus lectin, mannose-binding 2-like (Lman2l), mRNA [NM_001106900]	18,406
Camk2n2	Rattus norvegicus calcium/calmodulin-dependent protein kinase II inhibitor 2 (Camk2n2), mRNA [NM_021678]	18,404
Pcgf3	Rattus norvegicus polycomb group ring finger 3 (Pcgf3), mRNA [NM_001107245]	18,404
Abi1	Rattus norvegicus abl-interactor 1 (Abi1), mRNA [NM_024397]	18,403
0	HUMGLYSYN glycogen synthase kinase 3 {Homo sapiens} (exp=-1; wgp=0; cg=0), partial (4%) [TC645757]	18,401
Klhl13	Klhl13 protein [Source:UniProtKB/TrEMBL;Acc:Q3MHT7] [ENSRNOT00000067114]	18,396
Trim31	Rattus norvegicus tripartite motif-containing 31 (Trim31), mRNA [NM_001106376]	18,393
0	Unknown	18,385
0	Unknown	18,382
0	Similar to RIKEN cDNA B230206N24 (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQA9] [ENSRNOT00000056493]	18,382
Lrrc59	Rattus norvegicus leucine rich repeat containing 59 (Lrrc59), mRNA [NM_001008280]	18,377
Cbln2	Rattus norvegicus cerebellin 2 precursor (Cbln2), mRNA [NM_001012740]	18,367
Ttbk2	Rattus norvegicus tau tubulin kinase 2 (Ttbk2), mRNA [NM_001107766]	18,365
Ovol2	Rattus norvegicus ovo-like 2 (Drosophila) (Ovol2), mRNA [NM_001106519]	18,365
Gys1	Rattus norvegicus glycogen synthase 1, muscle (Gys1), mRNA [NM_001109615]	18,364
Shh	Rattus norvegicus sonic hedgehog (Shh), mRNA [NM_017221]	18,363
Atp11a	Rattus norvegicus ATPase, class VI, type 11A (Atp11a), mRNA [NM_001107324]	18,363
LOC690617	Rattus norvegicus hypothetical protein LOC690617 (LOC690617), mRNA [NM_001109605]	18,352
Dlgap2	Rattus norvegicus discs, large (Drosophila) homolog-associated protein 2 (Dlgap2), mRNA [NM_053901]	18,351
0	Unknown	18,348
Ppp2r5c	Rattus norvegicus protein phosphatase 2, regulatory subunit B', gamma isoform (Ppp2r5c), mRNA [NM_001191112]	18,341
Sbk1	Rattus norvegicus SH3-binding domain kinase 1 (Sbk1), mRNA [NM_147135]	18,331
0	Unknown	18,324
0	Unknown	18,323
LOC100366216	PREDICTED: Rattus norvegicus nuclear antigen Sp100-like (LOC100366216), mRNA [XM_002727237]	18,320
Gstz1	Rattus norvegicus glutathione transferase zeta 1 (Gstz1), mRNA [NM_001109445]	18,319

0	Unknown	18,315
Ermap	PREDICTED: Rattus norvegicus erythroblast membrane-associated protein (Ermap), mRNA [XM_001073566]	18,313
0	SOCS7_HUMAN (O14512) Suppressor of cytokine signaling 7 (SOCS-7) (Nck, Ash and phospholipase C gamma-binding protein) (Nck-associated protein 4) (NAP-4) (Fragment), partial (5%) [TC628777]	18,312
Lpo	Rattus norvegicus lactoperoxidase (Lpo), mRNA [NM_001105829]	18,312
Sdhaf2	Rattus norvegicus succinate dehydrogenase complex assembly factor 2 (Sdhaf2), nuclear gene encoding mitochondrial protein, mRNA [NM_001008371]	18,311
Rbm25	Rattus norvegicus RNA binding motif protein 25 (Rbm25), mRNA [NM_001108984]	18,309
LOC688319	PREDICTED: Rattus norvegicus similar to RAS-related C3 botulinum substrate 3 (LOC688319), mRNA [XM_001081814]	18,306
Ulk3	PREDICTED: Rattus norvegicus unc-51-like kinase 3 (C. elegans) (Ulk3), mRNA [XM_001077085]	18,302
Pfas	Rattus norvegicus phosphoribosylformylglycinamide synthase (Pfas), mRNA [NM_001105791]	18,302
RGD1309313	Rattus norvegicus similar to RIKEN cDNA 4930538D17 (RGD1309313), mRNA [NM_001014030]	18,302
Olr23	Rattus norvegicus olfactory receptor 23 (Olr23), mRNA [NM_001000119]	18,299
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z839] [ENSRNOT00000043647]	18,298
0	Unknown	18,298
Gpsm1	Rattus norvegicus G-protein signaling modulator 1 (AGS3-like, C. elegans) (Gpsm1), transcript variant 1, mRNA [NM_144745]	18,296
Mgat5	Rattus norvegicus mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase (Mgat5), mRNA [NM_023095]	18,295
RGD1564927	Rattus norvegicus similar to TGFB-induced factor 2 (RGD1564927), mRNA [NM_001134983]	18,292
Olr168	Rattus norvegicus olfactory receptor 168 (Olr168), mRNA [NM_001000174]	18,279
Kirrel	Rattus norvegicus kin of IRRE like (Drosophila) (Kirrel), mRNA [NM_207606]	18,278
Hic2	Rattus norvegicus hypermethylated in cancer 2 (Hic2), mRNA [NM_001105862]	18,275
Plcd4	Rattus norvegicus phospholipase C, delta 4 (Plcd4), mRNA [NM_080688]	18,272
Nrxn3	Rattus norvegicus neurexin 3 (Nrxn3), mRNA [NM_053817]	18,270
LOC689065	Rattus norvegicus hypothetical protein LOC689065 (LOC689065), mRNA [NM_001109521]	18,269
Rufy3	Rattus norvegicus RUN and FYVE domain containing 3 (Rufy3), mRNA [NM_001025127]	18,263
0	Suppressor of Ty 5 homolog (S. cerevisiae), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSS2] [ENSRNOT00000048905]	18,259
Zfp143	Rattus norvegicus zinc finger protein 143 (Zfp143), mRNA [NM_001012169]	18,258
Cherp	Rattus norvegicus calcium homeostasis endoplasmic reticulum protein (Cherp), mRNA [NM_001106064]	18,254
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU97] [ENSRNOT00000059797]	18,240
Atf6	Rattus norvegicus activating transcription factor 6 (Atf6), mRNA [NM_001107196]	18,237
Sort1	Rattus norvegicus sortilin 1 (Sort1), mRNA [NM_031767]	18,236
0	HSN2_RAT (Q6IFS7) Protein HSN2 precursor, complete [TC618038]	18,234
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9J4] [ENSRNOT00000013418]	18,233

Plekhn1	Rattus norvegicus pleckstrin homology domain containing, family N member 1 (Plekhn1), mRNA [NM_001134523]	18,225
Cadm3	Rattus norvegicus cell adhesion molecule 3 (Cadm3), mRNA [NM_001047103]	18,220
Dda1	Rattus norvegicus DET1 and DDB1 associated 1 (Dda1), mRNA [NM_001134790]	18,220
Zkscan2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXU0] [ENSRNOT00000020281]	18,218
Rmnd1	Rattus norvegicus required for meiotic nuclear division 1 homolog (S. cerevisiae) (Rmnd1), mRNA [NM_001040128]	18,210
Crispld2	Rattus norvegicus cysteine-rich secretory protein LCCL domain containing 2 (Crispld2), mRNA [NM_138518]	18,205
0	1PNS_B Chain B, Crystal Structure Of A Streptomycin Dependent Ribosome From E. Coli, 30s Subunit Of 70s Ribosome. This File, 1pns, Contains The 30s Subunit, Two Trnas, And One Mrna Molecule. The 50s Ribosomal Subunit Is In File 1pnu. {Escherichia coli} (e	18,200
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3Y5] [ENSRNOT00000057785]	18,198
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIV5] [ENSRNOT00000049602]	18,195
0	Unknown	18,194
LOC363326	Rattus norvegicus hypothetical LOC363326 (LOC363326), mRNA [NM_001126289]	18,194
Parp14	Rattus norvegicus poly (ADP-ribose) polymerase family, member 14 (Parp14), mRNA [NM_001191659]	18,192
Slc4a4	Rattus norvegicus solute carrier family 4, sodium bicarbonate cotransporter, member 4 (Slc4a4), mRNA [NM_053424]	18,187
Tmem97	Rattus norvegicus transmembrane protein 97 (Tmem97), mRNA [NM_001008334]	18,184
Meaf6	Rattus norvegicus MYST/Esa1-associated factor 6 (Meaf6), mRNA [NM_001113784]	18,182
LOC685608	PREDICTED: Rattus norvegicus hypothetical protein LOC685608 (LOC685608), mRNA [XM_001065355]	18,182
Fam162a	Rattus norvegicus family with sequence similarity 162, member A (Fam162a), mRNA [NM_001029903]	18,182
Fat4	Rattus norvegicus FAT tumor suppressor homolog 4 (Drosophila) (Fat4), mRNA [NM_001191705]	18,173
Ephb2	Rattus norvegicus Eph receptor B2 (Ephb2), mRNA [NM_001127319]	18,173
Mobk11b	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 1B (yeast) (Mobk11b), mRNA [NM_001033891]	18,165
Fam122a	Rattus norvegicus family with sequence similarity 122A (Fam122a), mRNA [NM_001014029]	18,164
Clip2	Rattus norvegicus CAP-GLY domain containing linker protein 2 (Clip2), mRNA [NM_021997]	18,163
Chn2	Rattus norvegicus chimerin (chimaerin) 2 (Chn2), mRNA [NM_032084]	18,160
0	Transient receptor potential cation channel subfamily M member 7 [Source:UniProtKB/Swiss-Prot;Acc:Q925B3] [ENSRNOT00000048818]	18,160
Eif2s3x	Rattus norvegicus eukaryotic translation initiation factor 2, subunit 3, structural gene X-linked (Eif2s3x), mRNA [NM_001100542]	18,159
Ptges3	Rattus norvegicus prostaglandin E synthase 3 (cytosolic) (Ptges3), mRNA [NM_001130989]	18,152
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7M0] [ENSRNOT00000011178]	18,146
Rgr	Rattus norvegicus retinal G protein coupled receptor (Rgr), mRNA [NM_001107299]	18,144
Apaf1	Rattus norvegicus apoptotic peptidase activating factor 1 (Apaf1), mRNA [NM_023979]	18,142
0	Unknown	18,141
Glg1	Rattus norvegicus golgi apparatus protein 1 (Glg1), mRNA [NM_017211]	18,139
RGD1308134	Rattus norvegicus similar to RIKEN cDNA 1110020A23 (RGD1308134), mRNA [NM_001127521]	18,137
Ndor1	Rattus norvegicus NADPH dependent diflavin oxidoreductase 1 (Ndor1), mRNA [NM_001107818]	18,127

Lrrc4b	Leucine-rich repeat-containing protein 4B [Source:UniProtKB/Swiss-Prot;Acc:P0CC10] [ENSRNOT00000026259]	18,126
0	Unknown	18,123
0	Unknown	18,123
RGD1308026	Rattus norvegicus similar to 2310047B19Rik protein (RGD1308026), mRNA [NM_001108755]	18,122
Rhbdl1	Rattus norvegicus rhomboid, veinlet-like 1 (Drosophila) (Rhbdl1), mRNA [NM_001191822]	18,122
Slc6a2	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2 (Slc6a2), mRNA [NM_031343]	18,121
Polr2f	DNA-directed RNA polymerases I, II, and III subunit RPABC2 [Source:UniProtKB/Swiss-Prot;Acc:O88828] [ENSRNOT00000015009]	18,119
Gse1	PREDICTED: Rattus norvegicus genetic suppressor element 1 (Gse1), mRNA [XM_001078877]	18,119
Znf474	Rattus norvegicus zinc finger protein 474 (Znf474), mRNA [NM_001107380]	18,113
Pcdhga5	Rattus norvegicus protocadherin gamma subfamily A, 5 (Pcdhga5), mRNA [NM_001037137]	18,110
Pygb	Rattus norvegicus phosphorylase, glycogen; brain (Pygb), mRNA [NM_013188]	18,108
Tacc1	Rattus norvegicus transforming, acidic coiled-coil containing protein 1 (Tacc1), mRNA [NM_001004107]	18,108
Hmg20a	Rattus norvegicus high mobility group 20A (Hmg20a), mRNA [NM_001108150]	18,108
0	Unknown	18,104
Noxa1	Rattus norvegicus NADPH oxidase activator 1 (Noxa1), mRNA [NM_001100171]	18,103
Rab5c	Rattus norvegicus RAB5C, member RAS oncogene family (Rab5c), mRNA [NM_001105840]	18,102
Ints9	PREDICTED: Rattus norvegicus integrator complex subunit 9 (Ints9), mRNA [XM_001066109]	18,101
Commd10	Rattus norvegicus COMM domain containing 10 (Commd10), mRNA [NM_001004276]	18,101
Atp11b	Atp11b protein [Source:UniProtKB/TrEMBL;Acc:Q5RJS7] [ENSRNOT00000016961]	18,099
Pdha1	Rattus norvegicus pyruvate dehydrogenase (lipoamide) alpha 1 (Pdha1), nuclear gene encoding mitochondrial protein, mRNA [NM_001004072]	18,099
Polr2e	Rattus norvegicus polymerase (RNA) II (DNA directed) polypeptide E (Polr2e), mRNA [NM_001109614]	18,094
Kcnk1	Rattus norvegicus potassium channel, subfamily K, member 1 (Kcnk1), mRNA [NM_021688]	18,093
Ngb	Rattus norvegicus neuroglobin (Ngb), mRNA [NM_033359]	18,093
Efr3a	Rattus norvegicus EFR3 homolog A (<i>S. cerevisiae</i>) (Efr3a), mRNA [NM_001130564]	18,087
Apod	Rattus norvegicus apolipoprotein D (Apod), mRNA [NM_012777]	18,085
0	Unknown	18,084
Dhrs3	Rattus norvegicus dehydrogenase/reductase (SDR family) member 3 (Dhrs3), mRNA [NM_001037199]	18,084
Plekhg5	Rattus norvegicus pleckstrin homology domain containing, family G (with RhoGef domain) member 5 (Plekhg5), mRNA [NM_201272]	18,081
Syt3	Rattus norvegicus synaptotagmin III (Syt3), mRNA [NM_019122]	18,080
Entpd6	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 6 (Entpd6), mRNA [NM_053498]	18,079
Crbn	Rattus norvegicus cereblon (Crbn), mRNA [NM_001015003]	18,077
Znf286a	Rattus norvegicus zinc finger protein 286A (Znf286a), mRNA [NM_001191921]	18,077
Ppargc1b	Rattus norvegicus peroxisome proliferator-activated receptor gamma, coactivator 1 beta (Ppargc1b), mRNA [NM_176075]	18,074
0	Unknown	18,074

B3galt5	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5 (B3galt5), mRNA [NM_001105887]	18,074
0	Unknown	18,072
Cln3	Rattus norvegicus ceroid-lipofuscinosis, neuronal 3 (Cln3), mRNA [NM_001006971]	18,067
Emilin1	Rattus norvegicus elastin microfibril interfacer 1 (Emilin1), mRNA [NM_001106710]	18,067
Map2k4	Rattus norvegicus mitogen activated protein kinase kinase 4 (Map2k4), mRNA [NM_001030023]	18,066
Ptpn3	Ptpn3 protein [Source:UniProtKB/TrEMBL;Acc:Q562B7] [ENSRNOT00000059627]	18,066
Chaf1b	Rattus norvegicus chromatin assembly factor 1, subunit B (p60) (Chaf1b), mRNA [NM_001024741]	18,064
LOC691777	PREDICTED: Rattus norvegicus hypothetical protein LOC691777 (LOC691777), mRNA [XM_002724616]	18,063
Pigq	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class Q (Pigq), mRNA [NM_001007607]	18,061
Urb2	Rattus norvegicus URB2 ribosome biogenesis 2 homolog (S. cerevisiae) (Urb2), mRNA [NM_001135708]	18,057
0	Unknown	18,055
Pqlc3	Rattus norvegicus PQ loop repeat containing 3 (Pqlc3), mRNA [NM_001034952]	18,053
Sema3c	Rattus norvegicus sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C (Sema3c), mRNA [NM_001106578]	18,052
Foxg1	Rattus norvegicus forkhead box G1 (Foxg1), mRNA [NM_012560]	18,051
Sox12	Rattus norvegicus SRY (sex determining region Y)-box 12 (Sox12), mRNA [NM_001168650]	18,045
Sigmar1	Rattus norvegicus sigma non-opioid intracellular receptor 1 (Sigmar1), mRNA [NM_030996]	18,038
Chmp1b	Rattus norvegicus chromatin modifying protein 1B (Chmp1b), mRNA [NM_001109533]	18,029
Mef2a	Rattus norvegicus myocyte enhancer factor 2a (Mef2a), mRNA [NM_001014035]	18,029
0	AF440762 septin SEPT8_v2 {Homo sapiens} (exp=-1; wgp=0; cg=0), partial (97%) [TC612969]	18,027
B4galt6	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6 (B4galt6), mRNA [NM_031740]	18,022
Garnl1	Rattus norvegicus GTPase activating Rap/RanGAP domain-like 1 (Garnl1), mRNA [NM_020083]	18,017
Oxa1l	Rattus norvegicus oxidase assembly 1-like (Oxa1l), mRNA [NM_001168583]	18,014
Stap2	Rattus norvegicus signal transducing adaptor family member 2 (Stap2), mRNA [NM_001025026]	18,010
Tmem119	Rattus norvegicus transmembrane protein 119 (Tmem119), mRNA [NM_001107155]	18,005
0	Unknown	18,005
LOC100363290	PREDICTED: Rattus norvegicus hypothetical protein LOC100363290 (LOC100363290), mRNA [XM_002728135]	18,004
Ano1	Rattus norvegicus anoctamin 1, calcium activated chloride channel (Ano1), mRNA [NM_001107564]	18,001
Ntrk2	Rattus norvegicus neurotrophic tyrosine kinase, receptor, type 2 (Ntrk2), transcript variant 3, mRNA [NM_001163169]	17,998
0	Rattus norvegicus similar to RIKEN cDNA 1810009A15 (LOC293720), mRNA [XM_215148]	17,993
Snx9	Rattus norvegicus sorting nexin 9 (Snx9), mRNA [NM_001127637]	17,990
Serpina4	Rattus norvegicus serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4 (Serpina4), mRNA [NM_145097]	17,990
Kcnh1	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 1 (Kcnh1), mRNA [NM_031742]	17,989
Tmem88b	Rattus norvegicus transmembrane protein 88B (Tmem88b), mRNA [NM_001109426]	17,989
RGD1308106	Rattus norvegicus LOC361719 (RGD1308106), mRNA [NM_001134575]	17,989

Abhd6	Rattus norvegicus abhydrolase domain containing 6 (Abhd6), mRNA [NM_001007680]	17,986
Plekhf2	Rattus norvegicus pleckstrin homology domain containing, family F (with FYVE domain) member 2 (Plekhf2), mRNA [NM_001108655]	17,972
Vcam1	Rattus norvegicus vascular cell adhesion molecule 1 (Vcam1), mRNA [NM_012889]	17,966
Pbx4	Rattus norvegicus pre-B-cell leukemia homeobox 4 (Pbx4), mRNA [NM_001108399]	17,965
RGD1563216	Rattus norvegicus similar to HESB like domain containing 1 (RGD1563216), mRNA [NM_001109278]	17,964
Aldoc	Rattus norvegicus aldolase C, fructose-bisphosphate (Aldoc), mRNA [NM_012497]	17,960
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZN05] [ENSRNOT00000052028]	17,954
Gm52	Rattus norvegicus envelope glycoprotein syncytin-A (Gm52), mRNA [NM_001014771]	17,952
Cops7b	Rattus norvegicus COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis) (Cops7b), mRNA [NM_001108807]	17,945
RGD1563108	PREDICTED: Rattus norvegicus similar to chromosome 21 open reading frame 29 (RGD1563108), mRNA [XM_001079415]	17,938
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMP1] [ENSRNOT00000044539]	17,931
0	Unknown	17,931
Ankrd13c	Rattus norvegicus ankyrin repeat domain 13C (Ankrd13c), mRNA [NM_001191570]	17,928
Vps37c	Rattus norvegicus vacuolar protein sorting 37 homolog C (S. cerevisiae) (Vps37c), mRNA [NM_001107463]	17,926
0	Rattus norvegicus partial mRNA for immunoglobulin alpha heavy chain (partial), complete constant region. [AJ510151]	17,926
0	Unknown	17,921
0	RCG43605, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHC7] [ENSRNOT00000061670]	17,919
Zfp455	Rattus norvegicus zinc finger protein 455 (Zfp455), mRNA [NM_173314]	17,918
Shc1	Rattus norvegicus SHC (Src homology 2 domain containing) transforming protein 1 (Shc1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_001164060]	17,917
Mfge8	Rattus norvegicus milk fat globule-EGF factor 8 protein (Mfge8), transcript variant 2, mRNA [NM_012811]	17,909
Vegfa	Rattus norvegicus vascular endothelial growth factor A (Vegfa), transcript variant 1, mRNA [NM_031836]	17,909
Pum2	Rattus norvegicus pumilio homolog 2 (Drosophila) (Pum2), mRNA [NM_001106715]	17,906
ErbB4	Rattus norvegicus v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) (ErbB4), mRNA [NM_021687]	17,906
Nek4	Rattus norvegicus NIMA (never in mitosis gene a)-related kinase 4 (Nek4), mRNA [NM_001013134]	17,899
Ldb2	Rattus norvegicus LIM domain binding 2 (Ldb2), mRNA [NM_001106009]	17,898
Gfra1	Rattus norvegicus GDNF family receptor alpha 1 (Gfra1), mRNA [NM_012959]	17,894
Zfp212	Zfp212 protein [Source:UniProtKB/TrEMBL;Acc:Q52KK5] [ENSRNOT00000009054]	17,885
Slc25a44	Rattus norvegicus solute carrier family 25, member 44 (Slc25a44), mRNA [NM_001108947]	17,884
0	Unknown	17,884
Klf3	Rattus norvegicus Kruppel-like factor 3 (basic) (Klf3), mRNA [NM_001105742]	17,879
Prpg1	Rattus norvegicus proline-rich proteoglycan 1 (Prpg1), mRNA [NM_172064]	17,870
Xiap	Rattus norvegicus X-linked inhibitor of apoptosis (Xiap), mRNA [NM_022231]	17,866
Supt16h	Rattus norvegicus suppressor of Ty 16 homolog (S. cerevisiae) (Supt16h), mRNA [NM_001107261]	17,860

Rspo2	Rattus norvegicus R-spondin 2 homolog (Xenopus laevis) (Rspo2), mRNA [NM_001130575]	17,859
0	RVL11956 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV720880]	17,852
Cpeb4	Rattus norvegicus cytoplasmic polyadenylation element binding protein 4 (Cpeb4), mRNA [NM_001106992]	17,851
LOC685953	Platelet glycoprotein 4 [Source:UniProtKB/Swiss-Prot;Acc:Q07969] [ENSRNOT00000066224]	17,845
0	HSU97670 eukaryotic translation initiation factor eIF3, p35 subunit {Homo sapiens} (exp=-1; wgp=0; cg=0), partial (26%) [TC586860]	17,845
Pom121	Rattus norvegicus nuclear pore membrane protein 121 (Pom121), mRNA [NM_053622]	17,839
Sgpl1	Rattus norvegicus sphingosine-1-phosphate lyase 1 (Sgpl1), mRNA [NM_173116]	17,833
Tmem143	Rattus norvegicus transmembrane protein 143 (Tmem143), mRNA [NM_001107513]	17,827
Ap1s2	Rattus norvegicus adaptor-related protein complex 1, sigma 2 subunit (Ap1s2), mRNA [NM_001127531]	17,827
Jak1	Rattus norvegicus Janus kinase 1 (Jak1), mRNA [NM_053466]	17,827
0	Unknown	17,825
Ahdc1	Rattus norvegicus AT hook, DNA binding motif, containing 1 (Ahdc1), mRNA [NM_001134956]	17,821
RGD1307410	RGD1307410 protein [Source:UniProtKB/TrEMBL;Acc:Q5EB78] [ENSRNOT00000054978]	17,817
Acvr1	Rattus norvegicus activin A receptor, type I (Acvr1), mRNA [NM_024486]	17,812
Znfx1	Rattus norvegicus zinc finger, NFX1-type containing 1 (Znfx1), mRNA [NM_001047860]	17,805
Lmna	Rattus norvegicus lamin A (Lmna), transcript variant 2, mRNA [NM_001002016]	17,805
Gzf1	Rattus norvegicus GDNF-inducible zinc finger protein 1 (Gzf1), mRNA [NM_001107788]	17,803
Ppig	Rattus norvegicus peptidylprolyl isomerase G (Ppig), mRNA [NM_031793]	17,801
LOC681186	PREDICTED: Rattus norvegicus hypothetical protein LOC681186 (LOC681186), mRNA [XM_001060674]	17,800
RGD1309104	Rattus norvegicus similar to RIKEN cDNA 1700025G04 gene (RGD1309104), mRNA [NM_001105959]	17,799
0	Myristoylated alanine-rich C-kinase substrate [Source:UniProtKB/Swiss-Prot;Acc:P30009] [ENSRNOT00000000707]	17,791
0	Rattus norvegicus similar to Pyruvate kinase, M2 isozyme (LOC301604), mRNA [XM_237391]	17,789
0	Unknown	17,788
Hist2h2be	Histone H2B [Source:UniProtKB/TrEMBL;Acc:D3ZZP9] [ENSRNOT00000028770]	17,778
Cby1	Rattus norvegicus chibby homolog 1 (Drosophila) (Cby1), mRNA [NM_145676]	17,773
Syt11	Rattus norvegicus synaptotagmin XI (Syt11), mRNA [NM_031667]	17,770
Tmem25	Rattus norvegicus transmembrane protein 25 (Tmem25), mRNA [NM_001109528]	17,767
Ambra1	Rattus norvegicus autophagy/beclin 1 regulator 1 (Ambra1), mRNA [NM_001134341]	17,765
Rnf182	Rattus norvegicus ring finger protein 182 (Rnf182), mRNA [NM_001109117]	17,759
0	PREDICTED: Rattus norvegicus similar to deleted in malignant brain tumors 1 isoform a precursor (LOC678825), mRNA [XM_001053354]	17,758
Leng4	Rattus norvegicus leukocyte receptor cluster (LRC) member 4 (Leng4), mRNA [NM_001134978]	17,756
0	Unknown	17,755
Jsrp1	Rattus norvegicus junctional sarcoplasmic reticulum protein 1 (Jsrp1), mRNA [NM_001109591]	17,755
Suhw3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCC6] [ENSRNOT00000044435]	17,754

Rnd2	Rattus norvegicus Rho family GTPase 2 (Rnd2), mRNA [NM_001010953]	17,752
Klhl23	Rattus norvegicus kelch-like 23 (Drosophila) (Klhl23), mRNA [NM_001134504]	17,751
Adora1	Adenosine receptor A1 [Source:UniProtKB/Swiss-Prot;Acc:P25099] [ENSRNOT00000004602]	17,750
0	Rattus norvegicus TL0ADA38YF09 mRNA sequence. [FQ221288]	17,750
Igsf9b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZB51] [ENSRNOT00000012391]	17,750
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1Q6] [ENSRNOT00000056074]	17,750
0	Unknown	17,748
0	Unknown	17,736
N4bp2l1	Rattus norvegicus NEDD4 binding protein 2-like 1 (N4bp2l1), mRNA [NM_001035222]	17,729
0	Unknown	17,725
Ube2a	Rattus norvegicus ubiquitin-conjugating enzyme E2A (RAD6 homolog) (Ube2a), mRNA [NM_001013933]	17,723
Vps25	Rattus norvegicus vacuolar protein sorting 25 homolog (S. cerevisiae) (Vps25), mRNA [NM_001173451]	17,719
0	Unknown	17,718
0	PREDICTED: Rattus norvegicus similar to TDPOZ2 (RGD1563451), mRNA [XM_001053863]	17,715
LOC680787	PREDICTED: Rattus norvegicus rCG56785-like (LOC680787), mRNA [XM_002730096]	17,714
Ddx41	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (Ddx41), mRNA [NM_001108046]	17,714
Usp22	Ubiquitin carboxyl-terminal hydrolase [Source:UniProtKB/TrEMBL;Acc:D3ZTX7] [ENSRNOT00000050061]	17,708
Senp5	PREDICTED: Rattus norvegicus Sumo1/sentrin/SMT3 specific peptidase 5 (Senp5), mRNA [XM_221369]	17,707
RGD1561410	PREDICTED: Rattus norvegicus similar to sentrin 15 (RGD1559489), mRNA [XM_235207]	17,703
Farp1	Rattus norvegicus FERM, RhoGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte-derived) (Farp1), mRNA [NM_001107287]	17,697
Gpc1	Rattus norvegicus glypican 1 (Gpc1), mRNA [NM_030828]	17,696
Adhfe1	Rattus norvegicus alcohol dehydrogenase, iron containing, 1 (Adhfe1), nuclear gene encoding mitochondrial protein, mRNA [NM_001025423]	17,691
Dcxr	Rattus norvegicus dicarbonyl L-xylulose reductase (Dcxr), mRNA [NM_134387]	17,690
Slc2a13	Rattus norvegicus solute carrier family 2 (facilitated glucose transporter), member 13 (Slc2a13), mRNA [NM_133611]	17,690
Gad1	Rattus norvegicus glutamate decarboxylase 1 (Gad1), mRNA [NM_017007]	17,685
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEB9] [ENSRNOT00000066253]	17,682
Add3	Rattus norvegicus adducin 3 (gamma) (Add3), transcript variant 1, mRNA [NM_001164103]	17,669
Arhgef9	Rattus norvegicus Cdc42 guanine nucleotide exchange factor (GEF) 9 (Arhgef9), mRNA [NM_023957]	17,667
0	Unknown	17,664
Slmo1	Rattus norvegicus slowmo homolog 1 (Drosophila) (Slmo1), mRNA [NM_001109570]	17,661
Trappc9	Rattus norvegicus trafficking protein particle complex 9 (Trappc9), mRNA [NM_001034156]	17,660
Shc3	Rattus norvegicus SHC (Src homology 2 domain containing) transforming protein 3 (Shc3), mRNA [NM_001105743]	17,660
0	beta 1,3-galactosyltransferase-like Gene [Source:MGI Symbol;Acc:MGI:2685903] [ENSRNOT00000001199]	17,655
Phldb1	Rattus norvegicus pleckstrin homology-like domain, family B, member 1 (Phldb1), mRNA [NM_001191578]	17,650

Slc25a24	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 24 (Slc25a24), nuclear gene encoding mitochondrial protein, mRNA [NM_001127544]	17,634
Adcy5	Rattus norvegicus adenylate cyclase 5 (Adcy5), mRNA [NM_022600]	17,632
Pcdh11x	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A497] [ENSRNOT00000045001]	17,631
Fam175b	Rattus norvegicus family with sequence similarity 175, member B (Fam175b), mRNA [NM_001106307]	17,629
Chtf8	Rattus norvegicus CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae) (Chtf8), mRNA [NM_001194951]	17,628
0	Unknown	17,628
Zfp238	Rattus norvegicus zinc finger protein 238 (Zfp238), mRNA [NM_022678]	17,622
Ttc4	Rattus norvegicus tetratricopeptide repeat domain 4 (Ttc4), mRNA [NM_001013214]	17,621
Tubg2	Rattus norvegicus tubulin, gamma 2 (Tubg2), mRNA [NM_001191075]	17,621
0	Cytochrome c oxidase subunit 2 [Source:UniProtKB/Swiss-Prot;Acc:P00406] [ENSRNOT00000043693]	17,620
Gpsm3	Rattus norvegicus G-protein signaling modulator 3 (AGS3-like, C. elegans) (Gpsm3), mRNA [NM_001003974]	17,619
LOC688507	PREDICTED: Rattus norvegicus similar to Spetex-2F protein (LOC688507), mRNA [XM_001067216]	17,615
Dctn4	Dynactin subunit 4 [Source:UniProtKB/Swiss-Prot;Acc:Q9QUR2] [ENSRNOT00000026394]	17,613
Hrh3	Rattus norvegicus histamine receptor H3 (Hrh3), mRNA [NM_053506]	17,613
0	Q7TS76_MOUSE (Q7TS76) Sip1 protein, partial (13%) [TC617524]	17,611
RGD1306520	Rattus norvegicus similar to receptor-interacting factor 1 (RGD1306520), mRNA [NM_001127485]	17,609
Lzic	Rattus norvegicus leucine zipper and CTNNBIP1 domain containing (Lzic), mRNA [NM_001013241]	17,609
0	Unknown	17,608
Htra3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA76] [ENSRNOT00000010852]	17,608
Baiap2l1	Rattus norvegicus BAI1-associated protein 2-like 1 (Baiap2l1), mRNA [NM_001034140]	17,605
C7	PREDICTED: Rattus norvegicus complement component 7 (C7), mRNA [XM_226803]	17,600
Ar	Rattus norvegicus androgen receptor (Ar), mRNA [NM_012502]	17,600
Hspb9	Rattus norvegicus heat shock protein, alpha-crystallin-related, B9 (Hspb9), mRNA [NM_001108835]	17,598
Map3k9	PREDICTED: Rattus norvegicus mitogen-activated protein kinase kinase kinase 9 (Map3k9), mRNA [XM_002726763]	17,595
Dmrtc1b	PREDICTED: Rattus norvegicus DMRT-like family C1b (Dmrtc1b), mRNA [XM_001055549]	17,595
Dclre1a	Rattus norvegicus DNA cross-link repair 1A, PSO2 homolog (S. cerevisiae) (Dclre1a), mRNA [NM_001106201]	17,588
Mtch1	Rattus norvegicus mitochondrial carrier homolog 1 (C. elegans) (Mtch1), nuclear gene encoding mitochondrial protein, mRNA [NM_001100833]	17,587
Pldn	Rattus norvegicus pallidin homolog (mouse) (Pldn), mRNA [NM_001025714]	17,584
LOC683498	PREDICTED: Rattus norvegicus similar to Actin, aortic smooth muscle (Alpha-actin-2) (LOC683498), mRNA [XM_001066215]	17,582
Tpcn1	Rattus norvegicus two pore segment channel 1 (Tpcn1), mRNA [NM_139332]	17,582
0	Unknown	17,579
Camta2	Rattus norvegicus calmodulin binding transcription activator 2 (Camta2), mRNA [NM_001105801]	17,576
Pgf	Rattus norvegicus placental growth factor (Pgf), mRNA [NM_053595]	17,574

Lin28	Rattus norvegicus lin-28 homolog (C. elegans) (Lin28), mRNA [NM_001109269]	17,570
Lipn	Rattus norvegicus lipase, family member N (Lipn), mRNA [NM_001191955]	17,568
Rpl29	Rattus norvegicus ribosomal protein L29 (Rpl29), mRNA [NM_017150]	17,565
Grin2b	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate 2B (Grin2b), mRNA [NM_012574]	17,565
Olr125	Rattus norvegicus olfactory receptor 125 (Olr125), mRNA [NM_001000740]	17,564
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPQ3] [ENSRNOT00000056551]	17,561
Chi3l1	Rattus norvegicus chitinase 3-like 1 (Chi3l1), mRNA [NM_053560]	17,558
Olr260	Rattus norvegicus olfactory receptor 260 (Olr260), mRNA [NM_001000946]	17,555
Eif1ay	Rattus norvegicus eukaryotic translation initiation factor 1A, Y-linked (Eif1ay), mRNA [NM_001106963]	17,555
0	Unknown	17,555
Dnajc17	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 17 (Dnajc17), mRNA [NM_001191740]	17,554
Ptp4a3	Rattus norvegicus protein tyrosine phosphatase type IVA, member 3 (Ptp4a3), mRNA [NM_001114405]	17,554
0	SYT1_RAT (P21707) Synaptotagmin-1 (Synaptotagmin I) (Sytl) (p65), complete [TC577208]	17,554
Zfand3	Rattus norvegicus zinc finger, AN1-type domain 3 (Zfand3), mRNA [NM_001012175]	17,551
0	Q4QQW4_RAT (Q4QQW4) Histone deacetylase 1, partial (42%) [TC647523]	17,550
Eif3f	Rattus norvegicus eukaryotic translation initiation factor 3, subunit F (Eif3f), mRNA [NM_001106292]	17,547
Gpam	Rattus norvegicus glycerol-3-phosphate acyltransferase, mitochondrial (Gpam), nuclear gene encoding mitochondrial protein, mRNA [NM_017274]	17,544
Rnps1	Rattus norvegicus ribonucleic acid binding protein S1 (Rnps1), mRNA [NM_001011890]	17,544
Dmrta2	Rattus norvegicus DMRT-like family A2 (Dmrta2), mRNA [NM_001107951]	17,538
Hp1bp3	Rattus norvegicus heterochromatin protein 1, binding protein 3 (Hp1bp3), mRNA [NM_199108]	17,537
Rap2a	RAS related protein 2a [Source:RefSeq peptide;Acc:NP_446193] [ENSRNOT00000032395]	17,536
Olr19	Rattus norvegicus olfactory receptor 19 (Olr19), mRNA [NM_001000117]	17,535
Tmem229a	Rattus norvegicus transmembrane protein 229A (Tmem229a), mRNA [NM_001109480]	17,534
Ttc26	Rattus norvegicus tetratricopeptide repeat domain 26 (Ttc26), mRNA [NM_001025045]	17,532
Slc1a2	Rattus norvegicus solute carrier family 1 (glial high affinity glutamate transporter), member 2 (Slc1a2), transcript variant 2, mRNA [NM_001035233]	17,528
0	Unknown	17,527
Fut8	Rattus norvegicus fucosyltransferase 8 (alpha (1,6) fucosyltransferase) (Fut8), mRNA [NM_001002289]	17,517
Ppp2r4	Rattus norvegicus protein phosphatase 2A activator, regulatory subunit 4 (Ppp2r4), mRNA [NM_001108577]	17,513
0	PWWP domain-containing protein 2A [Source:RefSeq peptide;Acc:NP_001120768] [ENSRNOT00000005227]	17,512
Utp15	Rattus norvegicus UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae) (Utp15), mRNA [NM_001107647]	17,511
Man1a1	Rattus norvegicus mannosidase, alpha, class 1A, member 1 (Man1a1), mRNA [NM_001033656]	17,508
RGD1308127	Rattus norvegicus similar to 2700078E11Rik protein (RGD1308127), mRNA [NM_001014248]	17,508
Rqcd1	Rattus norvegicus rcd1 (required for cell differentiation) homolog 1 (S. pombe) (Rqcd1), mRNA [NM_001009357]	17,506
Slc6a17	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter), member 17 (Slc6a17), mRNA [NM_001033079]	17,500

0	Unknown	17,494
0	Q9UL04_HUMAN (Q9UL04) Membrane protein CH1, partial (9%) [TC585082]	17,492
Pkia	Rattus norvegicus protein kinase (cAMP-dependent, catalytic) inhibitor alpha (Pkia), mRNA [NM_053772]	17,490
Adrbk1	Rattus norvegicus adrenergic, beta, receptor kinase 1 (Adrbk1), mRNA [NM_012776]	17,486
Vcpip1	Deubiquitinating protein VCIP135 [Source:UniProtKB/Swiss-Prot;Acc:Q8CF97] [ENSRNOT00000009136]	17,484
0	Unknown	17,483
Cenpt	Rattus norvegicus centromere protein T (Cenpt), mRNA [NM_001024257]	17,477
Fkbp10	Rattus norvegicus FK506 binding protein 10 (Fkbp10), mRNA [NM_001014120]	17,477
LOC691684	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC691684), mRNA [XM_001079259]	17,476
Thy1	Rattus norvegicus Thy-1 cell surface antigen (Thy1), mRNA [NM_012673]	17,475
Pcbd1	Rattus norvegicus pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (Pcbd1), mRNA [NM_001007601]	17,473
Tmem175	Rattus norvegicus transmembrane protein 175 (Tmem175), mRNA [NM_001013991]	17,469
Dot1l	Rattus norvegicus DOT1-like, histone H3 methyltransferase (<i>S. cerevisiae</i>) (Dot1l), mRNA [NM_001108733]	17,468
Osbp12	Rattus norvegicus oxysterol binding protein-like 2 (Osbp12), mRNA [NM_001013079]	17,464
Cntn4	Rattus norvegicus contactin 4 (Cntn4), mRNA [NM_053879]	17,459
Tecta	Rattus norvegicus tectorin alpha (Tecta), mRNA [NM_001106814]	17,458
Mynn	Rattus norvegicus myoneurin (Mynn), mRNA [NM_001012178]	17,454
Pigh	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class H (Pigh), mRNA [NM_001108714]	17,452
RGD1562018	Rattus norvegicus similar to Protein C14orf101 homolog (RGD1562018), mRNA [NM_001170475]	17,446
Rcc1	Rattus norvegicus regulator of chromosome condensation 1 (Rcc1), mRNA [NM_001128189]	17,444
Rbbp9	Rattus norvegicus retinoblastoma binding protein 9 (Rbbp9), mRNA [NM_019219]	17,444
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZML2] [ENSRNOT00000054868]	17,444
Kb21	Rattus norvegicus type II keratin Kb21 (Kb21), mRNA [NM_001008814]	17,442
Sp4	Rattus norvegicus Sp4 transcription factor (Sp4), mRNA [NM_012761]	17,442
Stau1	Rattus norvegicus staufen RNA binding protein homolog 1 (<i>Drosophila</i>) (Stau1), transcript variant 1, mRNA [NM_053436]	17,440
0	AGENCOURT_118864812 NIH_MGC_248 Rattus norvegicus cDNA clone IMAGE:9113290 5', mRNA sequence [EX491730]	17,440
Dcun1d3	Rattus norvegicus DCN1, defective in cullin neddylation 1, domain containing 3 (<i>S. cerevisiae</i>) (Dcun1d3), mRNA [NM_001024886]	17,437
Gpr126	PREDICTED: Rattus norvegicus G protein-coupled receptor 126 (Gpr126), mRNA [XM_218313]	17,433
0	Unknown	17,431
Hmgb1	Rattus norvegicus high mobility group box 1 (Hmgb1), mRNA [NM_012963]	17,430
Phlda2	Rattus norvegicus pleckstrin homology-like domain, family A, member 2 (Phlda2), transcript variant 1, mRNA [NM_001100521]	17,429
Chd4	PREDICTED: Rattus norvegicus chromodomain helicase DNA binding protein 4 (Chd4), mRNA [XM_232354]	17,422
Tsku	Rattus norvegicus tsukushin (Tsku), mRNA [NM_001009965]	17,420

0	Unknown	17,419
Rap1gds1	Rattus norvegicus RAP1, GTP-GDP dissociation stimulator 1 (Rap1gds1), mRNA [NM_001107728]	17,413
MGC125086	Rattus norvegicus similar to RIKEN cDNA 5133401N09 (MGC125086), mRNA [NM_001037362]	17,410
Dhrs1	Rattus norvegicus dehydrogenase/reductase (SDR family) member 1 (Dhrs1), mRNA [NM_001007621]	17,409
Robo2	Rattus norvegicus roundabout homolog 2 (Drosophila) (Robo2), mRNA [NM_032106]	17,404
Lasp1	Rattus norvegicus LIM and SH3 protein 1 (Lasp1), mRNA [NM_032613]	17,399
0	Unknown	17,399
RGD1306502	Rattus norvegicus similar to hypothetical protein FLJ11193 (RGD1306502), mRNA [NM_001107654]	17,399
Gpr17	Rattus norvegicus G protein-coupled receptor 17 (Gpr17), mRNA [NM_001071777]	17,397
Ccnt1	Rattus norvegicus cyclin T1 (Ccnt1), mRNA [NM_001108110]	17,394
0	Unknown	17,394
0	Q6P501_RAT (Q6P501) Lysosomal-associated protein transmembrane 4 alpha, partial (11%) [TC646831]	17,391
Fbln7	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSY7] [ENSRNOT00000023708]	17,387
Slco3a1	Rattus norvegicus solute carrier organic anion transporter family, member 3a1 (Slco3a1), mRNA [NM_177481]	17,382
0	Unknown	17,380
Rgs17	Rattus norvegicus regulator of G-protein signaling 17 (Rgs17), mRNA [NM_001107459]	17,378
Exoc4	Rattus norvegicus exocyst complex component 4 (Exoc4), mRNA [NM_053875]	17,377
Ctnnd1	Rattus norvegicus catenin (cadherin associated protein), delta 1 (Ctnnd1), mRNA [NM_001107740]	17,374
Slc25a29	Rattus norvegicus solute carrier family 25, member 29 (Slc25a29), nuclear gene encoding mitochondrial protein, mRNA [NM_001010958]	17,366
Tmem111	Rattus norvegicus transmembrane protein 111 (Tmem111), mRNA [NM_001008355]	17,360
Vof16	Rattus norvegicus ischemia related factor vof-16 (Vof16), non-coding RNA [NR_037614]	17,359
Rasl10b	Rattus norvegicus RAS-like, family 10, member B (Rasl10b), mRNA [NM_001191648]	17,357
Osbp2	Rattus norvegicus oxysterol binding protein 2 (Osbp2), mRNA [NM_001107232]	17,355
Kitlg	Rattus norvegicus KIT ligand (Kitlg), transcript variant 1, mRNA [NM_021843]	17,354
Ogfod1	Rattus norvegicus 2-oxoglutarate and iron-dependent oxygenase domain containing 1 (Ogfod1), mRNA [NM_001107411]	17,351
Grpel2	Rattus norvegicus GrpE-like 2, mitochondrial (Grpel2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109513]	17,351
Nox1	Rattus norvegicus NADPH oxidase 1 (Nox1), mRNA [NM_053683]	17,348
Qpctl	Rattus norvegicus glutaminyl-peptide cyclotransferase-like (Qpctl), mRNA [NM_001106230]	17,345
Igf1	Rattus norvegicus insulin-like growth factor 1 (Igf1), transcript variant 2, mRNA [NM_178866]	17,337
RGD1563973	PREDICTED: Rattus norvegicus similar to Gene model 50 (RGD1563973), mRNA [XM_001056614]	17,336
0	Unknown	17,333
Phf5a	Rattus norvegicus PHD finger protein 5A (Phf5a), mRNA [NM_138888]	17,327
Uhmk1	Rattus norvegicus U2AF homology motif (UHM) kinase 1 (Uhmk1), mRNA [NM_017293]	17,325
Scrn3	Rattus norvegicus secernin 3 (Scrn3), mRNA [NM_001013162]	17,325

Tmem222	Rattus norvegicus transmembrane protein 222 (Tmem222), mRNA [NM_001113780]	17,323
Zdhhc8	Rattus norvegicus zinc finger, DHHC-type containing 8 (Zdhhc8), mRNA [NM_001039021]	17,317
Alpk3	Rattus norvegicus alpha-kinase 3 (Alpk3), mRNA [NM_001191895]	17,309
Fxyd2	Rattus norvegicus FXYD domain-containing ion transport regulator 2 (Fxyd2), transcript variant a, mRNA [NM_145717]	17,307
Rhod	Rattus norvegicus ras homolog gene family, member D (Rhod), mRNA [NM_001106323]	17,306
Slc7a1	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 (Slc7a1), mRNA [NM_013111]	17,304
0	Unknown	17,304
Vsnl1	Rattus norvegicus visinin-like 1 (Vsnl1), mRNA [NM_012686]	17,303
Mina	Rattus norvegicus myc induced nuclear antigen (Mina), mRNA [NM_153309]	17,299
Mt2A	Rattus norvegicus metallothionein 2A (Mt2A), mRNA [NM_001137564]	17,298
Pabpc4	Rattus norvegicus poly(A) binding protein, cytoplasmic 4 (Pabpc4), mRNA [NM_001100538]	17,296
LOC687144	PREDICTED: Rattus norvegicus similar to RT1 class I, CE4 (LOC687144), mRNA [XM_001077245]	17,294
Heatr2	Rattus norvegicus HEAT repeat containing 2 (Heatr2), mRNA [NM_001134857]	17,290
0	Unknown	17,288
RGD1565591	Q6NV61_MOUSE (Q6NV61) Ski protein, partial (48%) [TC590169]	17,287
0	Rattus norvegicus similar to ubiquitin-conjugating enzyme E2D 1, UBC4/5 homolog; ubiquitin-conjugating enzyme E2D 1 (LOC361831), mRNA [XM_342125]	17,287
LOC304558	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXP1] [ENSRNOT00000046920]	17,286
Spag4l	Rattus norvegicus sperm associated antigen 4-like (Spag4l), mRNA [NM_001106530]	17,284
RGD1311564	Rattus norvegicus LOC360590 (RGD1311564), mRNA [NM_001108286]	17,279
Xiap	Rattus norvegicus X-linked inhibitor of apoptosis (Xiap), mRNA [NM_022231]	17,279
Arpc5	Rattus norvegicus actin related protein 2/3 complex, subunit 5 (Arpc5), mRNA [NM_001025717]	17,277
Enpp3	Rattus norvegicus ectonucleotide pyrophosphatase/phosphodiesterase 3 (Enpp3), mRNA [NM_019370]	17,276
Olr522	Rattus norvegicus olfactory receptor 522 (Olr522), mRNA [NM_001000562]	17,275
RGD1309049	Rattus norvegicus similar to RIKEN cDNA 4933415F23 (RGD1309049), mRNA [NM_001013956]	17,272
Syng1	Rattus norvegicus synaptogyrin 1 (Syng1), mRNA [NM_019166]	17,271
Tle3	Rattus norvegicus transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila) (Tle3), mRNA [NM_053400]	17,267
Cyp2j4	Rattus norvegicus cytochrome P450, family 2, subfamily j, polypeptide 4 (Cyp2j4), mRNA [NM_023025]	17,262
Pde7b	Rattus norvegicus phosphodiesterase 7B (Pde7b), mRNA [NM_080894]	17,262
Ndr3	Rattus norvegicus N-myc downstream regulated gene 3 (Ndr3), mRNA [NM_001013923]	17,262
Gps1	Rattus norvegicus G protein pathway suppressor 1 (Gps1), mRNA [NM_053969]	17,259
Fam124a	Fam124a protein [Source:UniProtKB/TrEMBL;Acc:Q6AXP0] [ENSRNOT00000012990]	17,259
Pogz	Rattus norvegicus pogo transposable element with ZNF domain (Pogz), mRNA [NM_001107693]	17,256
Aaas	Rattus norvegicus achalasia, adrenocortical insufficiency, alacrimia (Allgrove, triple-A) (Aaas), mRNA [NM_001106795]	17,253

Kank1	Rattus norvegicus KN motif and ankyrin repeat domains 1 (Kank1), mRNA [NM_001037197]	17,251
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7X0] [ENSRNOT00000034908]	17,247
Cnp	Rattus norvegicus 2',3'-cyclic nucleotide 3' phosphodiesterase (Cnp), mRNA [NM_012809]	17,245
Bbs4	Rattus norvegicus Bardet-Biedl syndrome 4 (Bbs4), mRNA [NM_001106826]	17,245
Tnfaip8	Rattus norvegicus tumor necrosis factor, alpha-induced protein 8 (Tnfaip8), mRNA [NM_001107387]	17,243
Ctf1	Rattus norvegicus cardiotrophin 1 (Ctf1), mRNA [NM_017129]	17,240
RGD1566033	PREDICTED: Rattus norvegicus similar to BC003940 protein (RGD1566033), mRNA [XM_001070540]	17,240
Kcnj12	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 12 (Kcnj12), mRNA [NM_053981]	17,238
Mip	Rattus norvegicus major intrinsic protein of lens fiber (Mip), mRNA [NM_001105719]	17,237
Dpf1	Rattus norvegicus D4, zinc and double PHD fingers family 1 (Dpf1), mRNA [NM_001105729]	17,232
LOC691317	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDG4] [ENSRNOT00000012080]	17,231
Pcbp4	Rattus norvegicus poly(rC) binding protein 4 (Pcbp4), mRNA [NM_001191883]	17,231
RGD1308019	Rattus norvegicus similar to hypothetical protein FLJ20245 (RGD1308019), mRNA [NM_001107816]	17,229
Rbm25	Rattus norvegicus RNA binding motif protein 25 (Rbm25), mRNA [NM_001108984]	17,229
0	Unknown	17,225
Gbas	Rattus norvegicus glioblastoma amplified sequence (Gbas), nuclear gene encoding mitochondrial protein, mRNA [NM_001017486]	17,225
Cd38	Rattus norvegicus CD38 molecule (Cd38), mRNA [NM_013127]	17,224
Carm1	Rattus norvegicus coactivator-associated arginine methyltransferase 1 (Carm1), transcript variant 1, mRNA [NM_001030041]	17,222
Ado	Rattus norvegicus 2-aminoethanethiol (cysteamine) dioxygenase (Ado), mRNA [NM_001107626]	17,221
Znf488	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAF0] [ENSRNOT00000031496]	17,220
Nup210	Rattus norvegicus nucleoporin 210 (Nup210), mRNA [NM_053322]	17,219
Mcm3	Rattus norvegicus minichromosome maintenance complex component 3 (Mcm3), mRNA [NM_001191805]	17,216
RGD1559917	Rattus norvegicus similar to SMT3 suppressor of mif two 3 homolog 2 (LOC287993), mRNA [XM_212687]	17,215
Dgat2	Rattus norvegicus diacylglycerol O-acyltransferase homolog 2 (mouse) (Dgat2), mRNA [NM_001012345]	17,211
Fam13c1	PREDICTED: Rattus norvegicus family with sequence similarity 13, member C1 (Fam13c1), mRNA [XM_001080212]	17,205
RGD1559864	PREDICTED: Rattus norvegicus similar to mKIAA1045 protein, transcript variant 1 (RGD1559864), mRNA [XM_002729465]	17,202
Cryl1	Rattus norvegicus crystallin, lambda 1 (Cryl1), mRNA [NM_175757]	17,202
Chd3	PREDICTED: Rattus norvegicus chromodomain helicase DNA binding protein 3 (Chd3), mRNA [XM_220602]	17,195
0	Unknown	17,194
Tmem106c	Rattus norvegicus transmembrane protein 106C (Tmem106c), mRNA [NM_001008358]	17,191
0	Unknown	17,189
RGD1303066	Rattus norvegicus similar to RIKEN cDNA 2610110G12 (RGD1303066), mRNA [NM_212498]	17,188
LOC689919	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S26 (LOC689919), mRNA [XM_001072530]	17,187
Amac1	Rattus norvegicus acyl-malonyl condensing enzyme 1 (Amac1), mRNA [NM_001127658]	17,179

Igfbp4	Rattus norvegicus insulin-like growth factor binding protein 4 (Igfbp4), mRNA [NM_001004274]	17,176
Grin1	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate 1 (Grin1), mRNA [NM_017010]	17,174
B3galt6	Rattus norvegicus UDP-Gal:betaGal beta 1,3-galactosyltransferase, polypeptide 6 (B3galt6), mRNA [NM_001106699]	17,173
0	Unknown	17,168
Arhgap42	PREDICTED: Rattus norvegicus similar to novel protein similar to human oligophrenin 1 (OPHN1), transcript variant 1 (RGD1564081), mRNA [XM_001073215]	17,167
Slitrk5	Rattus norvegicus SLIT and NTRK-like family, member 5 (Slitrk5), mRNA [NM_001107284]	17,163
0	Unknown	17,161
Ndufb4	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4 (Ndufb4), nuclear gene encoding mitochondrial protein, mRNA [NM_001037338]	17,160
0	Unknown	17,154
Foxi1	Rattus norvegicus forkhead box I1 (Foxi1), mRNA [NM_001105776]	17,154
Mak16	Rattus norvegicus MAK16 homolog (S. cerevisiae) (Mak16), mRNA [NM_001014002]	17,152
RGD1565149	Rattus norvegicus similar to chromosome 16 open reading frame 7 (RGD1565149), mRNA [NM_001107440]	17,150
Ing4	Rattus norvegicus inhibitor of growth family, member 4 (Ing4), mRNA [NM_001079887]	17,149
0	Unknown	17,148
LOC687746	PREDICTED: Rattus norvegicus similar to Mitochondrial import inner membrane translocase subunit Tim17-B (LOC687746), mRNA [XM_001080001]	17,146
Clstn2	Rattus norvegicus calyntenin 2 (Clstn2), mRNA [NM_134377]	17,145
Abcc4	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 4 (Abcc4), mRNA [NM_133411]	17,145
0	Unknown	17,141
Tank	Rattus norvegicus TRAF family member-associated NFKB activator (Tank), transcript variant 1, mRNA [NM_145788]	17,139
Bcl7b	Rattus norvegicus B-cell CLL/lymphoma 7B (Bcl7b), mRNA [NM_001109021]	17,132
Samd10	Rattus norvegicus sterile alpha motif domain containing 10 (Samd10), mRNA [NM_001191967]	17,128
Dlg3	Rattus norvegicus discs, large homolog 3 (Drosophila) (Dlg3), mRNA [NM_031639]	17,127
Rnf114	Rattus norvegicus ring finger protein 114 (Rnf114), mRNA [NM_001001517]	17,127
Fcer1g	Rattus norvegicus Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (Fcer1g), mRNA [NM_001131001]	17,127
Vsig10l	Unknown	17,127
Kcnk13	Rattus norvegicus potassium channel, subfamily K, member 13 (Kcnk13), mRNA [NM_022293]	17,120
0	Unknown	17,116
0	Unknown	17,114
Plxdc1	Rattus norvegicus plexin domain containing 1 (Plxdc1), mRNA [NM_001107046]	17,112
Sult1a1	Rattus norvegicus sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 (Sult1a1), mRNA [NM_031834]	17,109
Ubxn2a	Rattus norvegicus UBX domain protein 2A (Ubxn2a), mRNA [NM_001109482]	17,109

Olr1238	Rattus norvegicus olfactory receptor 1238 (Olr1238), mRNA [NM_001001013]	17,104
Dnajb13	Rattus norvegicus DnaJ (Hsp40) related, subfamily B, member 13 (Dnajb13), mRNA [NM_001005885]	17,102
0	Unknown	17,102
Gpr37	Rattus norvegicus G protein-coupled receptor 37 (Gpr37), mRNA [NM_057201]	17,093
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A319] [ENSRNOT00000007828]	17,090
0	Unknown	17,088
Mtvr2	Rattus norvegicus mammary tumor virus receptor 2 (Mtvr2), mRNA [NM_001015013]	17,085
Sf3b1	Rattus norvegicus splicing factor 3b, subunit 1 (Sf3b1), mRNA [NM_053426]	17,085
Foxj2	Rattus norvegicus forkhead box J2 (Foxj2), mRNA [NM_001109352]	17,084
0	Unknown	17,076
Swap70	Rattus norvegicus SWAP switching B-cell complex 70 (Swap70), mRNA [NM_001106288]	17,073
0	EST352678 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIHT15 5' end, mRNA sequence [AW921374]	17,072
Eif4ebp1	Rattus norvegicus eukaryotic translation initiation factor 4E binding protein 1 (Eif4ebp1), mRNA [NM_053857]	17,070
Dbp	Rattus norvegicus D site of albumin promoter (albumin D-box) binding protein (Dbp), mRNA [NM_012543]	17,069
Syng3	Rattus norvegicus synaptogyrin 3 (Syng3), mRNA [NM_001106985]	17,064
LOC685050	PREDICTED: Rattus norvegicus hypothetical protein LOC685050 (LOC685050), mRNA [XM_001062068]	17,062
Mettl2	Rattus norvegicus methyltransferase like 2 (Mettl2), mRNA [NM_001108839]	17,061
Abtb2	Rattus norvegicus ankyrin repeat and BTB (POZ) domain containing 2 (Abtb2), mRNA [NM_134403]	17,057
Hecw2	Rattus norvegicus HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2 (Hecw2), mRNA [NM_001108218]	17,056
Arrb2	Rattus norvegicus arrestin, beta 2 (Arrb2), mRNA [NM_012911]	17,050
Vgll4	Rattus norvegicus vestigial like 4 (Drosophila) (Vgll4), mRNA [NM_001015004]	17,049
Ptk7	Rattus norvegicus PTK7 protein tyrosine kinase 7 (Ptk7), mRNA [NM_001106889]	17,048
Mmp27	Rattus norvegicus matrix metalloproteinase 27 (Mmp27), mRNA [NM_001106799]	17,046
0	Rattus norvegicus chromosome 1, 5 clones, strain BN/SsNHsdMCW RNOR03207167, whole genome shotgun sequence [AABR03001102]	17,045
Slc2a6	Rattus norvegicus solute carrier family 2 (facilitated glucose transporter), member 6 (Slc2a6), mRNA [NM_001106562]	17,044
Tmed10	Rattus norvegicus transmembrane emp24-like trafficking protein 10 (yeast) (Tmed10), mRNA [NM_053467]	17,042
Trim9	Rattus norvegicus tripartite motif-containing 9 (Trim9), mRNA [NM_130420]	17,042
0	Unknown	17,041
0	Unknown	17,037
Taf15	Rattus norvegicus TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf15), mRNA [NM_001105824]	17,037
Gria4	Rattus norvegicus glutamate receptor, ionotropic, AMPA 4 (Gria4), transcript variant 3, mRNA [NM_001113185]	17,037
Tm9sf3	PREDICTED: Rattus norvegicus transmembrane 9 superfamily member 3 (Tm9sf3), mRNA [XM_002725800]	17,036
Adora1	Rattus norvegicus adenosine A1 receptor (Adora1), mRNA [NM_017155]	17,035

Slc26a11	PREDICTED: Rattus norvegicus solute carrier family 26, member 11 (Slc26a11), partial mRNA [XM_340944]	17,031
Gpr114	Rattus norvegicus G protein-coupled receptor 114 (Gpr114), mRNA [NM_001107410]	17,031
Fam193a	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIG8] [ENSRNOT00000018616]	17,030
Kcnv2	Rattus norvegicus potassium channel, subfamily V, member 2 (Kcnv2), mRNA [NM_001106370]	17,030
Hccs	Rattus norvegicus holocytochrome c synthetase (Hccs), mRNA [NM_001191732]	17,027
Rpgr	Rattus norvegicus retinitis pigmentosa GTPase regulator (Rpgr), mRNA [NM_001127601]	17,022
Pi4k2a	Rattus norvegicus phosphatidylinositol 4-kinase type 2 alpha (Pi4k2a), mRNA [NM_053735]	17,020
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L29 (P23) (LOC294100), mRNA [XM_220073]	17,017
0	Unknown	17,017
Dgki	Rattus norvegicus diacylglycerol kinase, iota (Dgki), mRNA [NM_198782]	17,014
Aifm2	Rattus norvegicus apoptosis-inducing factor, mitochondrion-associated 2 (Aifm2), nuclear gene encoding mitochondrial protein, mRNA [NM_001139483]	17,012
Sfrs6	Rattus norvegicus splicing factor, arginine/serine-rich 6 (Sfrs6), mRNA [NM_001014185]	17,010
Rtkn	Rattus norvegicus rhotekin (Rtkn), mRNA [NM_184046]	17,007
0	Unknown	17,004
Palm	Rattus norvegicus paralemmin (Palm), mRNA [NM_130829]	17,002
0	Unknown	16,998
Serinc4	Rattus norvegicus serine incorporator 4 (Serinc4), mRNA [NM_001110811]	16,997
0	Unknown	16,996
Ccbe1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1T8] [ENSRNOT00000034069]	16,995
Cyp4f4	Rattus norvegicus cytochrome P450, family 4, subfamily f, polypeptide 4 (Cyp4f4), mRNA [NM_173123]	16,993
0	BF284235 EST448826 Rat Gene Index, normalized rat, Rattus norvegicus cDNA Rattus norvegicus cDNA clone RGIEN17 3' sequence, mRNA sequence [BF284235]	16,991
0	Unknown	16,987
Rhbdf2	Rattus norvegicus rhomboid 5 homolog 2 (Drosophila) (Rhbdf2), mRNA [NM_001107067]	16,981
Slc41a1	Rattus norvegicus solute carrier family 41, member 1 (Slc41a1), mRNA [NM_001108855]	16,979
Fam168b	RCG22336, isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEP3] [ENSRNOT00000039480]	16,978
Gramd3	Rattus norvegicus GRAM domain containing 3 (Gramd3), mRNA [NM_001014011]	16,978
RGD1560792	PREDICTED: Rattus norvegicus RGD1560792 (RGD1560792), mRNA [XM_001081860]	16,975
Ablim3	Rattus norvegicus actin binding LIM protein family, member 3 (Ablim3), mRNA [NM_001191698]	16,974
Tmcc3	Rattus norvegicus transmembrane and coiled-coil domain family 3 (Tmcc3), mRNA [NM_001108084]	16,971
LOC100151767	Rattus norvegicus hypothetical LOC100151767 (LOC100151767), mRNA [NM_001127503]	16,970
LOC688708	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZP46] [ENSRNOT00000034463]	16,965
RGD1306271	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9D0] [ENSRNOT00000040391]	16,964

LOC682950	PREDICTED: Rattus norvegicus similar to guanine nucleotide binding protein, alpha stimulating, olfactory type (LOC682950), mRNA [XM_001060921]	16,962
0	Unknown	16,954
Npat	Rattus norvegicus nuclear protein, ataxia-telangiectasia locus (Npat), mRNA [NM_001108147]	16,948
Vwa3a	Rattus norvegicus von Willebrand factor A domain containing 3A (Vwa3a), transcript variant 2, mRNA [NM_001079885]	16,948
RGD1311634	Rattus norvegicus similar to RIKEN cDNA 3200002M19 (RGD1311634), mRNA [NM_001170435]	16,947
Erc1	Rattus norvegicus ELKS/RAB6-interacting/CAST family member 1 (Erc1), mRNA [NM_170788]	16,944
Gpm6b	Rattus norvegicus glycoprotein m6b (Gpm6b), mRNA [NM_138846]	16,944
Msrb2	Rattus norvegicus methionine sulfoxide reductase B2 (Msrb2), mRNA [NM_001031660]	16,942
Defb29	Rattus norvegicus defensin beta 29 (Defb29), mRNA [NM_001037368]	16,941
Snx27	Rattus norvegicus sorting nexin family member 27 (Snx27), transcript variant 2, mRNA [NM_152847]	16,938
LOC691522	PREDICTED: Rattus norvegicus hypothetical protein LOC691522 (LOC691522), mRNA [XM_001078640]	16,937
Lysmd1	Rattus norvegicus LysM, putative peptidoglycan-binding, domain containing 1 (Lysmd1), mRNA [NM_001024302]	16,936
Rhoa	Rattus norvegicus ras homolog gene family, member A (Rhoa), mRNA [NM_057132]	16,933
Ppt2	Rattus norvegicus palmitoyl-protein thioesterase 2 (Ppt2), mRNA [NM_019367]	16,932
Pxmp4	Rattus norvegicus peroxisomal membrane protein 4 (Pxmp4), mRNA [NM_172223]	16,930
Mpzl1	Rattus norvegicus myelin protein zero-like 1 (Mpzl1), mRNA [NM_001007728]	16,929
Ctns	Rattus norvegicus cystinosis, nephropathic (Ctns), mRNA [NM_001191647]	16,926
Abcc2	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 2 (Abcc2), mRNA [NM_012833]	16,920
0	Unknown	16,917
Hdac8	Rattus norvegicus histone deacetylase 8 (Hdac8), mRNA [NM_001126373]	16,914
Plxna2	Rattus norvegicus plexin A2 (Plxna2), mRNA [NM_001105988]	16,910
Tacr1	Rattus norvegicus tachykinin receptor 1 (Tacr1), mRNA [NM_012667]	16,905
Vkorc111	Rattus norvegicus vitamin K epoxide reductase complex, subunit 1-like 1 (Vkorc111), mRNA [NM_203338]	16,903
Zinki	Rattus norvegicus Arg3.1/Arc mRNA-binding zinc finger protein (Zinki), mRNA [NM_001142758]	16,902
Trib2	Rattus norvegicus tribbles homolog 2 (Drosophila) (Trib2), mRNA [NM_001108015]	16,900
Usp15	Rattus norvegicus ubiquitin specific peptidase 15 (Usp15), mRNA [NM_145184]	16,900
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGU0] [ENSRNOT00000041039]	16,899
RGD1311422	PREDICTED: Rattus norvegicus similar to CG8841-PA (RGD1311422), mRNA [XM_001081678]	16,893
0	EPO_MOUSE (P07321) Erythropoietin precursor, partial (7%) [TC593578]	16,891
Prdm10	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ79] [ENSRNOT00000010423]	16,891
LOC688311	PREDICTED: Rattus norvegicus similar to ADP-ribosylation factor-like 1, transcript variant 1 (LOC688311), mRNA [XM_001081794]	16,890
0	Unknown	16,890
0	Unknown	16,887

Bcl2l1	Rattus norvegicus Bcl2-like 1 (Bcl2l1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA [NM_031535]	16,886
Zcchc3	RCG37285Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ10] [ENSRNOT00000009859]	16,885
Nr2f1	Rattus norvegicus nuclear receptor subfamily 2, group F, member 1 (Nr2f1), mRNA [NM_031130]	16,881
Fzd1	Rattus norvegicus frizzled homolog 1 (Drosophila) (Fzd1), mRNA [NM_021266]	16,879
Capn5	Rattus norvegicus calpain 5 (Capn5), mRNA [NM_134461]	16,878
0	TBC1 domain family member 5 [Source:RefSeq peptide;Acc:NP_001128234] [ENSRNOT000000061800]	16,876
Trmt61a	Rattus norvegicus tRNA methyltransferase 61 homolog A (S. cerevisiae) (Trmt61a), mRNA [NM_001007706]	16,873
Sestd1	Rattus norvegicus SEC14 and spectrin domains 1 (Sestd1), mRNA [NM_001134514]	16,871
0	Unknown	16,865
Twsg1	Rattus norvegicus twisted gastrulation homolog 1 (Drosophila) (Twsg1), mRNA [NM_001108811]	16,863
RGD1311870	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKN3] [ENSRNOT00000029077]	16,863
Spry3	Rattus norvegicus sprouty homolog 3 (Drosophila) (Spry3), mRNA [NM_001109063]	16,860
Sik1	Rattus norvegicus salt-inducible kinase 1 (Sik1), mRNA [NM_021693]	16,860
Slit2	Rattus norvegicus slit homolog 2 (Drosophila) (Slit2), mRNA [NM_022632]	16,860
Pald	Rattus norvegicus paladin (Pald), mRNA [NM_001034128]	16,859
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGC8] [ENSRNOT000000068019]	16,853
Bruno4	CUGBP Elav-like family member 4 [Source:RefSeq peptide;Acc:NP_001100870] [ENSRNOT000000061151]	16,851
Sh2b3	Rattus norvegicus SH2B adaptor protein 3 (Sh2b3), mRNA [NM_031621]	16,850
Ppp1r14c	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 14c (Ppp1r14c), mRNA [NM_133425]	16,849
Rad23a	Rattus norvegicus RAD23 homolog A (S. cerevisiae) (Rad23a), mRNA [NM_001013190]	16,835
Dgkz	Rattus norvegicus diacylglycerol kinase zeta (Dgkz), mRNA [NM_031143]	16,829
Rgs16	Rattus norvegicus regulator of G-protein signaling 16 (Rgs16), mRNA [NM_001077589]	16,826
LOC690126	PREDICTED: Rattus norvegicus hypothetical protein LOC690126 (LOC690126), miscRNA [XR_006805]	16,826
Pax6	Rattus norvegicus paired box 6 (Pax6), mRNA [NM_013001]	16,823
Gmppa	Rattus norvegicus GDP-mannose pyrophosphorylase A (Gmppa), mRNA [NM_001025056]	16,815
0	Unknown	16,810
Eri1	Rattus norvegicus exoribonuclease 1 (Eri1), mRNA [NM_001014143]	16,807
Rbpj	Rattus norvegicus recombination signal binding protein for immunoglobulin kappa J region (Rbpj), mRNA [NM_001106631]	16,806
Pef1	Rattus norvegicus penta-EF hand domain containing 1 (Pef1), mRNA [NM_001007651]	16,805
Slc29a3	Rattus norvegicus solute carrier family 29 (nucleoside transporters), member 3 (Slc29a3), mRNA [NM_181639]	16,803
Ascc1	Rattus norvegicus activating signal cointegrator 1 complex subunit 1 (Ascc1), mRNA [NM_001007632]	16,801
0	Limkain-b1 [Source:UniProtKB/Swiss-Prot;Acc:Q8VIG2] [ENSRNOT00000003193]	16,794
Bmpr1b	Rattus norvegicus bone morphogenetic protein receptor, type IB (Bmpr1b), mRNA [NM_001024259]	16,789
Papd5	Rattus norvegicus PAP associated domain containing 5 (Papd5), mRNA [NM_001107416]	16,787

Cdc26	Rattus norvegicus cell division cycle 26 (Cdc26), mRNA [NM_001013240]	16,785
Rapgef1	PREDICTED: Rattus norvegicus Rap guanine nucleotide exchange factor (GEF) 1 (Rapgef1), mRNA [XM_216018]	16,779
Slc39a4	Rattus norvegicus solute carrier family 39 (zinc transporter), member 4 (Slc39a4), mRNA [NM_001077669]	16,777
Mepce	Rattus norvegicus methylphosphate capping enzyme (Mepce), mRNA [NM_001100678]	16,773
Scly	Rattus norvegicus selenocysteine lyase (Scly), mRNA [NM_001007755]	16,773
0	Unknown	16,771
0	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1700001F09 (RGD1562624), mRNA [XM_002742438]	16,771
0	Unknown	16,768
Trappc5	Rattus norvegicus trafficking protein particle complex 5 (Trappc5), mRNA [NM_001108850]	16,764
Gria4	Rattus norvegicus glutamate receptor, ionotropic, AMPA 4 (Gria4), transcript variant 1, mRNA [NM_017263]	16,764
Pbx3	Rattus norvegicus pre-B-cell leukemia homeobox 3 (Pbx3), mRNA [NM_001107834]	16,763
Sall3	Rattus norvegicus sal-like 3 (Drosophila) (Sall3), mRNA [NM_001108892]	16,763
LOC690479	PREDICTED: Rattus norvegicus hypothetical protein LOC690479 (LOC690479), mRNA [XM_001074561]	16,759
Arhgef3	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 3 (Arhgef3), mRNA [NM_001106061]	16,758
Ptdss1	Rattus norvegicus phosphatidylserine synthase 1 (Ptdss1), mRNA [NM_001012113]	16,757
0	PREDICTED: Rattus norvegicus similar to dachshund b (LOC680770), mRNA [XM_001058786]	16,753
Uqcrb	Rattus norvegicus ubiquinol-cytochrome c reductase binding protein (Uqcrb), nuclear gene encoding mitochondrial protein, mRNA [NM_001127553]	16,751
Lypla2	Rattus norvegicus lysophospholipase 2 (Lypla2), mRNA [NM_031342]	16,741
Ms4a10	Rattus norvegicus membrane-spanning 4-domains, subfamily A, member 10 (Ms4a10), mRNA [NM_001106336]	16,739
0	Rattus norvegicus TL0AEA74YH08 mRNA sequence. [FQ231255]	16,738
0	TBC1 domain family, member 8B Gene [Source:MGI Symbol;Acc:MGI:1918101] [ENSRNOT00000051757]	16,737
LOC363306	PREDICTED: Rattus norvegicus hypothetical protein LOC363306 (LOC363306), mRNA [XM_001068086]	16,736
Nr2c1	Rattus norvegicus nuclear receptor subfamily 2, group C, member 1 (Nr2c1), mRNA [NM_145780]	16,733
Etl4	PREDICTED: Rattus norvegicus similar to KIAA1217 (RGD1563437), mRNA [XM_001069190]	16,731
RGD1562608	Rattus norvegicus similar to KIAA1328 protein (RGD1562608), mRNA [NM_001134607]	16,728
0	Unknown	16,726
Ctdp1	Rattus norvegicus CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 (Ctdp1), mRNA [NM_001106131]	16,723
Xpo4	Rattus norvegicus exportin 4 (Xpo4), mRNA [NM_001106042]	16,718
Plcxd2	Rattus norvegicus phosphatidylinositol-specific phospholipase C, X domain containing 2 (Plcxd2), mRNA [NM_001134481]	16,718
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z994] [ENSRNOT00000022945]	16,712
Doxl2	Rattus norvegicus diamine oxidase-like protein 2 (Doxl2), mRNA [NM_199291]	16,711
Pnpla5	Rattus norvegicus patatin-like phospholipase domain containing 5 (Pnpla5), mRNA [NM_001130497]	16,710
0	Unknown	16,708

Slc38a6	Rattus norvegicus solute carrier family 38, member 6 (Slc38a6), mRNA [NM_001013099]	16,706
Dnajc14	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 14 (Dnajc14), mRNA [NM_053690]	16,704
Ube2d3	Rattus norvegicus ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast) (Ube2d3), mRNA [NM_031237]	16,703
Wars	Rattus norvegicus tryptophanyl-tRNA synthetase (Wars), mRNA [NM_001013170]	16,702
LOC685079	PREDICTED: Rattus norvegicus similar to Protein SYS1 homolog (LOC685079), mRNA [XM_001062200]	16,698
RGD1305415	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQL6] [ENSRNOT00000036357]	16,694
Nusap1	Rattus norvegicus nucleolar and spindle associated protein 1 (Nusap1), mRNA [NM_001107762]	16,690
Add1	Rattus norvegicus adducin 1 (alpha) (Add1), mRNA [NM_016990]	16,689
Atp8b2	Rattus norvegicus Atpase, class I, type 8B, member 2 (Atp8b2), mRNA [NM_001024798]	16,688
LOC687675	PREDICTED: Rattus norvegicus similar to heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4 (LOC687675), mRNA [XM_001079681]	16,688
LOC100364346	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACG5] [ENSRNOT00000048875]	16,687
0	Unknown	16,685
Ntrk3	Rattus norvegicus neurotrophic tyrosine kinase, receptor, type 3 (Ntrk3), mRNA [NM_019248]	16,684
Rhobtb1	Rattus norvegicus Rho-related BTB domain containing 1 (Rhobtb1), mRNA [NM_001107622]	16,683
Ftsj2	Rattus norvegicus FtsJ homolog 2 (E. coli) (Ftsj2), mRNA [NM_001107125]	16,673
St3gal4	Rattus norvegicus ST3 beta-galactoside alpha-2,3-sialyltransferase 4 (St3gal4), mRNA [NM_203337]	16,672
0	Unknown	16,666
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7T3] [ENSRNOT00000002842]	16,659
Wbp11	Rattus norvegicus WW domain binding protein 11 (Wbp11), mRNA [NM_001009661]	16,657
Ficd	Rattus norvegicus FIC domain containing (Ficd), mRNA [NM_001010946]	16,656
LOC363434	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC363434), partial mRNA [XM_343756]	16,651
RGD1562987	Rattus norvegicus similar to cDNA sequence BC031181 (RGD1562987), mRNA [NM_001173472]	16,649
Garnl1	Rattus norvegicus GTPase activating Rap/RanGAP domain-like 1 (Garnl1), mRNA [NM_020083]	16,648
Nadk	Rattus norvegicus NAD kinase (Nadk), mRNA [NM_001109678]	16,643
Znf641	Rattus norvegicus zinc finger protein 641 (Znf641), mRNA [NM_001106792]	16,641
Slc6a7	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, L-proline), member 7 (Slc6a7), mRNA [NM_053996]	16,639
Lrrc8b	Rattus norvegicus leucine rich repeat containing 8 family, member B (Lrrc8b), mRNA [NM_001107204]	16,634
Plod2	Rattus norvegicus procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 (Plod2), transcript variant 1, mRNA [NM_175869]	16,633
Rreb1	Rattus norvegicus ras responsive element binding protein 1 (Rreb1), mRNA [NM_001107348]	16,632
Znf668	Rattus norvegicus zinc finger protein 668 (Znf668), mRNA [NM_001107553]	16,628
Map6	Rattus norvegicus microtubule-associated protein 6 (Map6), mRNA [NM_017204]	16,627
Abcb9	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 9 (Abcb9), mRNA [NM_022238]	16,625
0	Unknown	16,624

Plp2	Rattus norvegicus proteolipid protein 2 (colonic epithelium-enriched) (Plp2), mRNA [NM_207601]	16,623
Lrrc29	Rattus norvegicus leucine rich repeat containing 29 (Lrrc29), mRNA [NM_001195616]	16,621
0	PREDICTED: Rattus norvegicus mastermind like 2 (Drosophila) (Maml2), mRNA [XM_001072241]	16,614
Stk38	Rattus norvegicus serine/threonine kinase 38 (Stk38), mRNA [NM_001015025]	16,613
Col18a1	Rattus norvegicus collagen, type XVIII, alpha 1 (Col18a1), mRNA [NM_053489]	16,612
0	Unknown	16,610
0	Rattus norvegicus RBSC-skeletrophin/dystrophin-like polypeptide (22100081k) mRNA, 22100081k-4E2 allele, complete cds. [AY675183]	16,601
0	Unknown	16,597
LOC100360801	PREDICTED: Rattus norvegicus mCG11385-like (LOC100360801), mRNA [XM_002728402]	16,594
Gdf11	PREDICTED: Rattus norvegicus growth differentiation factor 11 (Gdf11), mRNA [XM_343148]	16,593
Asf1a	Rattus norvegicus ASF1 anti-silencing function 1 homolog A (S. cerevisiae) (Asf1a), mRNA [NM_001106389]	16,587
Kpna1	Rattus norvegicus karyopherin alpha 1/importin alpha 5 (Kpna1) mRNA, complete cds. [AY351984]	16,584
0	AGENCOURT_31538552 NIH_MGC_270 Rattus norvegicus cDNA clone IMAGE:7442365 5', mRNA sequence [CV107694]	16,583
Tnrc6b	Rattus norvegicus trinucleotide repeat containing 6B (Tnrc6b), mRNA [NM_138845]	16,583
Kab	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZET9] [ENSRNOT00000005532]	16,578
Sfxn5	Rattus norvegicus sideroflexin 5 (Sfxn5), nuclear gene encoding mitochondrial protein, mRNA [NM_153298]	16,578
Phf19	Rattus norvegicus PHD finger protein 19 (Phf19), mRNA [NM_001106570]	16,578
Dazap1	Rattus norvegicus DAZ associated protein 1 (Dazap1), mRNA [NM_001025742]	16,574
0	Unknown	16,569
Orai3	Rattus norvegicus ORAI calcium release-activated calcium modulator 3 (Orai3), mRNA [NM_001014024]	16,567
0	Unknown	16,565
0	Unknown	16,564
Tppp	Rattus norvegicus tubulin polymerization promoting protein (Tppp), mRNA [NM_001108461]	16,560
Olr94	Rattus norvegicus olfactory receptor 94 (Olr94), mRNA [NM_001001023]	16,557
Atp10d	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZN41] [ENSRNOT00000003146]	16,557
RGD1306772	Rattus norvegicus similar to RIKEN cDNA 1110008J03 (RGD1306772), mRNA [NM_001044226]	16,555
Zbtb9	Rattus norvegicus zinc finger and BTB domain containing 9 (Zbtb9), mRNA [NM_213564]	16,553
Frmd8	Rattus norvegicus FERM domain containing 8 (Frmd8), mRNA [NM_001008348]	16,551
Espn	Rattus norvegicus espin (Espn), mRNA [NM_019622]	16,549
Anxa2	Rattus norvegicus annexin A2 (Anxa2), mRNA [NM_019905]	16,548
Crabp1	Rattus norvegicus cellular retinoic acid binding protein 1 (Crabp1), mRNA [NM_001105716]	16,548
B3galt1	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1 (B3galt1), mRNA [NM_001108954]	16,547
Herc3	Rattus norvegicus hect domain and RLD 3 (Herc3), mRNA [NM_001108631]	16,545
Syp	Synaptophysin [Source:UniProtKB/Swiss-Prot;Acc:P07825] [ENSRNOT00000013724]	16,542

LOC500227	Rattus norvegicus hypothetical gene supported by BC079424 (LOC500227), mRNA [NM_001024330]	16,540
0	Productively rearranged V-lambda-2 [Source:UniProtKB/TrEMBL;Acc:A0N4E8] [ENSRNOT00000036565]	16,539
Tsr2	Rattus norvegicus TSR2, 20S rRNA accumulation, homolog (S. cerevisiae) (Tsr2), mRNA [NM_001115027]	16,535
0	Unknown	16,533
0	spectrin beta chain, brain 1 [Source:RefSeq peptide;Acc:NP_001013148] [ENSRNOT00000007441]	16,531
Plagl1	Rattus norvegicus pleiomorphic adenoma gene-like 1 (Plagl1), mRNA [NM_012760]	16,530
RGD1561931	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGX1] [ENSRNOT00000035653]	16,527
Pla2g3	Rattus norvegicus phospholipase A2, group III (Pla2g3), mRNA [NM_001106015]	16,524
LOC681303	PREDICTED: Rattus norvegicus similar to tumor endothelial marker 8 isoform 1 precursor (LOC681303), mRNA [XM_002725159]	16,519
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS91] [ENSRNOT00000041424]	16,518
Aph1a	Rattus norvegicus anterior pharynx defective 1 homolog A (C. elegans) (Aph1a), mRNA [NM_001014255]	16,518
Cacnb2	Rattus norvegicus calcium channel, voltage-dependent, beta 2 subunit (Cacnb2), mRNA [NM_053851]	16,516
Pgpep1	Rattus norvegicus pyroglutamyl-peptidase I (Pgpep1), mRNA [NM_201988]	16,514
Rtn1	Rattus norvegicus reticulon 1 (Rtn1), mRNA [NM_053865]	16,512
Arpc5l	Rattus norvegicus actin related protein 2/3 complex, subunit 5-like, mRNA (cDNA clone IMAGE:7377370), complete cds. [BC098820]	16,512
RGD1310862	PREDICTED: Rattus norvegicus similar to adult retina protein (RGD1310862), mRNA [XM_001064739]	16,507
Rhob	Rattus norvegicus ras homolog gene family, member B (Rhob), mRNA [NM_022542]	16,505
Arfgap2	Rattus norvegicus ADP-ribosylation factor GTPase activating protein 2 (Arfgap2), mRNA [NM_001033707]	16,503
0	MUSZFXAA zinc finger protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (15%) [TC614718]	16,499
Pxk	Rattus norvegicus PX domain containing serine/threonine kinase (Pxk), mRNA [NM_182821]	16,499
Ache	Rattus norvegicus acetylcholinesterase (Ache), mRNA [NM_172009]	16,497
0	Unknown	16,492
Tmem192	Rattus norvegicus transmembrane protein 192 (Tmem192), mRNA [NM_001014141]	16,488
Tsg101	Rattus norvegicus tumor susceptibility gene 101 (Tsg101), mRNA [NM_181628]	16,488
Btbd4	Rattus norvegicus BTB (POZ) domain containing 4 (Btbd4), mRNA [NM_001107808]	16,488
Wdr51a	Rattus norvegicus WD repeat domain 51A (Wdr51a), mRNA [NM_001109296]	16,487
Calr	Rattus norvegicus calreticulin (Calr), mRNA [NM_022399]	16,474
Sgce	Rattus norvegicus sarcoglycan, epsilon (Sgce), mRNA [NM_001002023]	16,473
LOC100364372	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z844] [ENSRNOT00000058934]	16,470
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFY7] [ENSRNOT00000018667]	16,468
Syt4	Rattus norvegicus synaptotagmin IV (Syt4), mRNA [NM_031693]	16,467
Txndc12	Rattus norvegicus thioredoxin domain containing 12 (endoplasmic reticulum) (Txndc12), mRNA [NM_001100840]	16,465
LOC606294	Rattus norvegicus hypothetical protein LOC606294 (LOC606294), mRNA [NM_001031627]	16,463
0	Q2ALT1_9BAC1 (Q2ALT1) Erythromycin esterase precursor, partial (5%) [TC641238]	16,462

0	PREDICTED: Rattus norvegicus similar to SAM and SH3 domain containing protein 1 (Proline-glutamate repeat-containing protein) (RGD1566017), miscRNA [XR_085686]	16,450
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZQ40] [ENSRNOT00000047010]	16,448
Dpf3	Rattus norvegicus D4, zinc and double PHD fingers, family 3 (Dpf3), mRNA [NM_001191818]	16,448
Scn3a	Rattus norvegicus sodium channel, voltage-gated, type III, alpha (Scn3a), mRNA [NM_013119]	16,446
Gabrq	Rattus norvegicus gamma-aminobutyric acid (GABA) receptor, theta (Gabrq), mRNA [NM_031733]	16,445
Bace1	Rattus norvegicus beta-site APP cleaving enzyme 1 (Bace1), mRNA [NM_019204]	16,445
0	Unknown	16,436
Sh3d19	Similar to SH3 domain protein D19 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8S0] [ENSRNOT00000015802]	16,434
0	Unknown	16,434
0	Cytochrome c oxidase subunit 1 [Source:UniProtKB/Swiss-Prot;Acc:P05503] [ENSRNOT00000050156]	16,429
Cdc42ep2	Rattus norvegicus CDC42 effector protein (Rho GTPase binding) 2 (Cdc42ep2), mRNA [NM_001009689]	16,425
Setd7	Rattus norvegicus SET domain containing (lysine methyltransferase) 7 (Setd7), mRNA [NM_001109558]	16,424
Zfp275	Rattus norvegicus zinc finger protein 275 (Zfp275), mRNA [NM_001106343]	16,421
0	Unknown	16,421
Bid	Rattus norvegicus BH3 interacting domain death agonist (Bid), mRNA [NM_022684]	16,419
0	expressed sequence C86695 Gene [Source:MGI Symbol;Acc:MGI:2142877] [ENSRNOT00000066415]	16,413
Cyb5d1	Rattus norvegicus cytochrome b5 domain containing 1 (Cyb5d1), mRNA [NM_001191890]	16,409
Slc17a8	Rattus norvegicus solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 8 (Slc17a8), mRNA [NM_153725]	16,404
Pir	Rattus norvegicus pirin (iron-binding nuclear protein) (Pir), mRNA [NM_001009474]	16,403
Nap111	Rattus norvegicus nucleosome assembly protein 1-like 1 (Nap111), mRNA [NM_053561]	16,402
0	Q8BUD8_MOUSE (Q8BUD8) 10 days lactation, adult female mammary gland cDNA, RIKEN full-length enriched library, clone:D730020H24 product:ZINC FINGER PROTEIN homolog (Muscleblind-like 2, isoform 1), partial (9%) [TC592330]	16,399
Alkbh6	Rattus norvegicus alkB, alkylation repair homolog 6 (E. coli) (Alkbh6), mRNA [NM_001127450]	16,397
Adck4	Rattus norvegicus aarF domain containing kinase 4 (Adck4), mRNA [NM_001012065]	16,395
Atp2b3	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 3 (Atp2b3), mRNA [NM_133288]	16,393
0	PREDICTED: Rattus norvegicus similar to glycoprotein, synaptic 2 (RGD1560015), mRNA [XM_001062160]	16,393
Fam176a	Rattus norvegicus family with sequence similarity 176, member A (Fam176a), mRNA [NM_001109243]	16,391
Tmed5	Rattus norvegicus transmembrane emp24 protein transport domain containing 5 (Tmed5), mRNA [NM_001007619]	16,391
Mobkl1b	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 1B (yeast) (Mobkl1b), mRNA [NM_001033891]	16,386
Stk32b	Rattus norvegicus serine/threonine kinase 32B (Stk32b), mRNA [NM_001107224]	16,386
Olr237	Rattus norvegicus olfactory receptor 237 (Olr237), mRNA [NM_001000210]	16,382
Dab1	Rattus norvegicus disabled homolog 1 (Drosophila) (Dab1), mRNA [NM_153621]	16,380
Arfip2	Rattus norvegicus ADP-ribosylation factor interacting protein 2 (Arfip2), mRNA [NM_001004222]	16,378

RGD1563581	PREDICTED: Rattus norvegicus similar to S100 calcium binding protein A11 (calizzarin) (RGD1563581), mRNA [XM_001064539]	16,377
0	Unknown	16,375
Hnrnpul2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABT8] [ENSRNOT00000026416]	16,375
0	Unknown	16,373
RGD1562846	Rattus norvegicus similar to Docking protein 5 (Downstream of tyrosine kinase 5) (Protein dok-5) (RGD1562846), mRNA [NM_001109344]	16,370
Vom1r37	Rattus norvegicus vomeronasal 1 receptor 37 (Vom1r37), mRNA [NM_001008923]	16,370
Ppm1l	Rattus norvegicus protein phosphatase 1 (formerly 2C)-like (Ppm1l), mRNA [NM_001107681]	16,366
Mtmr4	Rattus norvegicus myotubularin related protein 4 (Mtmr4), mRNA [NM_001105827]	16,364
Tollip	Rattus norvegicus toll interacting protein (Tollip), mRNA [NM_001109668]	16,358
RGD1561563	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1700013B16 (RGD1561563), mRNA [XM_001066615]	16,357
Rad52	Rattus norvegicus RAD52 homolog (S. cerevisiae) (Rad52), mRNA [NM_001106617]	16,352
RGD1564019	PREDICTED: Rattus norvegicus similar to GTPase activating RANGAP domain-like 3 (RGD1564019), mRNA [XM_001078585]	16,348
LOC690398	PREDICTED: Rattus norvegicus hypothetical protein LOC690398 (LOC690398), mRNA [XM_001074336]	16,345
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZME9] [ENSRNOT00000056797]	16,340
Timd2	Rattus norvegicus T-cell immunoglobulin and mucin domain containing 2 (Timd2), mRNA [NM_001013855]	16,337
Sdc1	Rattus norvegicus syndecan 1 (Sdc1), mRNA [NM_013026]	16,337
Rbm4	Rattus norvegicus RNA binding motif protein 4 (Rbm4), mRNA [NM_001170484]	16,335
Stxbp5l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDG1] [ENSRNOT00000041715]	16,335
Terf2	Rattus norvegicus telomeric repeat binding factor 2 (Terf2), mRNA [NM_001108448]	16,334
0	AF155065 brain protein {Homo sapiens} (exp=-1; wgp=0; cg=0), partial (12%) [TC626613]	16,330
Snx18	Rattus norvegicus sorting nexin 18 (Snx18), mRNA [NM_001107652]	16,329
Ergic3	Rattus norvegicus ERGIC and golgi 3 (Ergic3), mRNA [NM_001106533]	16,328
0	Unknown	16,320
Napepld	Rattus norvegicus N-acyl phosphatidylethanolamine phospholipase D (Napepld), mRNA [NM_199381]	16,314
Afap1l2	PREDICTED: Rattus norvegicus actin filament associated protein 1-like 2 (Afap1l2), partial mRNA [XM_001064140]	16,310
0	Q3X9T6_METFL (Q3X9T6) CDP-diacylglycerol--serine O-phosphatidyltransferase , partial (6%) [TC628492]	16,307
Cux1	Homeobox protein cut-like 1 [Source:UniProtKB/Swiss-Prot;Acc:P53565] [ENSRNOT00000001928]	16,306
Larp1	PREDICTED: Rattus norvegicus La ribonucleoprotein domain family, member 1 (Larp1), partial mRNA [XM_001075150]	16,305
Itgb3bp	Rattus norvegicus integrin beta 3 binding protein (beta3-endonexin) (Itgb3bp), mRNA [NM_001013213]	16,301
Dnajc18	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 18 (Dnajc18), mRNA [NM_001013887]	16,300
Aldh3a1	Rattus norvegicus aldehyde dehydrogenase 3 family, member A1 (Aldh3a1), mRNA [NM_031972]	16,294
Lrrc37a	PREDICTED: Rattus norvegicus leucine rich repeat containing 37, member A3 (Lrrc37a3), mRNA [XM_220928]	16,293
Plec	Rattus norvegicus plectin (Plec), transcript variant 6, mRNA [NM_022401]	16,291
0	Unknown	16,290

H1f0	Rattus norvegicus H1 histone family, member 0 (H1f0), mRNA [NM_012578]	16,286
Txn2	Rattus norvegicus thioredoxin 2 (Txn2), nuclear gene encoding mitochondrial protein, mRNA [NM_053331]	16,285
Nlgn1	Rattus norvegicus neuroligin 1 (Nlgn1), mRNA [NM_053868]	16,284
Zfyve20	Rattus norvegicus zinc finger, FYVE domain containing 20 (Zfyve20), mRNA [NM_001107875]	16,284
Hipk2	Rattus norvegicus homeodomain interacting protein kinase 2 (Hipk2), mRNA [NM_001108622]	16,282
RGD1562342	Rattus norvegicus similar to RIKEN cDNA 1110012D08 (RGD1562342), mRNA [NM_001109281]	16,276
Ecop	Rattus norvegicus EGFR-coamplified and overexpressed protein (Ecop), mRNA [NM_001108630]	16,274
Snapc5	Rattus norvegicus small nuclear RNA activating complex, polypeptide 5 (Snapc5), mRNA [NM_001109643]	16,271
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7E5] [ENSRNOT00000023364]	16,270
Opn1mw	Rattus norvegicus opsin 1 (cone pigments), medium-wave-sensitive (Opn1mw), mRNA [NM_053548]	16,267
0	Unknown	16,267
Rnf165	Rattus norvegicus ring finger protein 165 (Rnf165), mRNA [NM_001164505]	16,266
Lypd1	Rattus norvegicus Ly6/Plaur domain containing 1 (Lypd1), mRNA [NM_001007727]	16,263
St6gal1	Rattus norvegicus ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 (St6gal1), transcript variant 2, mRNA [NM_147205]	16,262
Tceb2	Rattus norvegicus transcription elongation factor B (SIII), polypeptide 2 (Tceb2), mRNA [NM_031129]	16,262
Prrc1	Rattus norvegicus proline-rich coiled-coil 1 (Prrc1), mRNA [NM_001033887]	16,260
Gk	Rattus norvegicus glycerol kinase (Gk), mRNA [NM_024381]	16,252
Mapk8	Mitogen-activated protein kinase 8 [Source:UniProtKB/Swiss-Prot;Acc:P49185] [ENSRNOT00000027338]	16,249
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMT2] [ENSRNOT00000044934]	16,248
Rcc2	PREDICTED: Rattus norvegicus regulator of chromosome condensation 2 (Rcc2), mRNA [XM_216557]	16,247
Nat8l	Rattus norvegicus N-acetyltransferase 8-like (Nat8l), mRNA [NM_001191681]	16,247
Thoc4	Rattus norvegicus THO complex 4 (Thoc4), mRNA [NM_001109602]	16,245
Ankhd1	Rattus norvegicus ankyrin repeat and KH domain containing 1 (Ankhd1), mRNA [NM_001204053]	16,241
Med13	Rattus norvegicus mediator complex subunit 13 (Med13), mRNA [NM_001107035]	16,239
Slc35e3	Rattus norvegicus solute carrier family 35, member E3 (Slc35e3), mRNA [NM_001134687]	16,238
Dapk2	Rattus norvegicus death-associated kinase 2 (Dapk2), mRNA [NM_001013109]	16,236
0	AGENCOURT_31541565 NIH_MGC_270 Rattus norvegicus cDNA clone IMAGE:7444018 5', mRNA sequence [CV110972]	16,235
0	Unknown	16,234
Large	Rattus norvegicus like-glycosyltransferase (Large), mRNA [NM_001108439]	16,234
MGC94190	Rattus norvegicus similar to 0610007L01Rik protein (MGC94190), mRNA [NM_001004204]	16,232
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC302722), mRNA [XM_228999]	16,231
Ptpn1	Tyrosine-protein phosphatase non-receptor type 1 [Source:UniProtKB/Swiss-Prot;Acc:P20417] [ENSRNOT00000014309]	16,229
Invs	Rattus norvegicus inversin (Invs), mRNA [NM_001107932]	16,229

Hras	Rattus norvegicus Harvey rat sarcoma virus oncogene (Hras), transcript variant 2, mRNA [NM_001098241]	16,227
Rasgrf2	Rattus norvegicus RAS protein-specific guanine nucleotide-releasing factor 2 (Rasgrf2), mRNA [NM_053721]	16,226
Gstt2	Rattus norvegicus glutathione S-transferase, theta 2 (Gstt2), mRNA [NM_012796]	16,224
LOC686781	PREDICTED: Rattus norvegicus similar to NFkB interacting protein 1 (LOC686781), mRNA [XM_001075705]	16,224
Lrrc4c	Rattus norvegicus leucine rich repeat containing 4C (Lrrc4c), mRNA [NM_001107753]	16,221
Fam65b	Rattus norvegicus family with sequence similarity 65, member B (Fam65b), mRNA [NM_001014009]	16,221
Prex2	Rattus norvegicus phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2 (Prex2), mRNA [NM_001107899]	16,219
Mreg	Rattus norvegicus melanoregulin (Mreg), mRNA [NM_001192002]	16,218
LOC690478	Rattus norvegicus similar to keratin associated protein 10-7 (LOC690478), mRNA [NM_001109595]	16,216
Lpin2	Rattus norvegicus lipin 2 (Lpin2), mRNA [NM_001108236]	16,212
Abi1	Rattus norvegicus abl-interactor 1 (Abi1), mRNA [NM_024397]	16,210
Galnt2	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) (Galnt2), mRNA [NM_001106196]	16,208
Rad18	Rattus norvegicus RAD18 homolog (S. cerevisiae) (Rad18), mRNA [NM_001077673]	16,205
RGD1306119	Rattus norvegicus similar to transcriptional regulating protein 132 (RGD1306119), mRNA [NM_001169116]	16,203
0	Unknown	16,201
Suv39h1	Rattus norvegicus suppressor of variegation 3-9 homolog 1 (Drosophila) (Suv39h1), mRNA [NM_001106956]	16,199
Zdhhc22	Rattus norvegicus zinc finger, DHHC-type containing 22 (Zdhhc22), mRNA [NM_001039325]	16,197
0	Unknown	16,197
Gramd1b	Rattus norvegicus GRAM domain containing 1B (Gramd1b), mRNA [NM_001191616]	16,197
RGD1307041	Rattus norvegicus similar to hypothetical protein FLJ11305 (RGD1307041), mRNA [NM_001169144]	16,196
0	Unknown	16,190
Sgcz	Rattus norvegicus sarcoglycan zeta (Sgcz), mRNA [NM_001108875]	16,188
0	Ras-related protein Rab-6A [Source:UniProtKB/Swiss-Prot;Acc:Q9WVB1] [ENSRNOT00000025104]	16,186
0	Ankyrin repeat and sterile alpha motif domain-containing protein 1B [Source:UniProtKB/Swiss-Prot;Acc:P0C6S7] [ENSRNOT00000038501]	16,182
Znf23	Rattus norvegicus zinc finger protein 23 (KOX 16) (Znf23), mRNA [NM_001107428]	16,179
Prkcb	Rattus norvegicus protein kinase C, beta (Prkcb), transcript variant 2, mRNA [NM_001172305]	16,174
Ubox5	Rattus norvegicus U-box domain containing 5 (Ubox5), mRNA [NM_001033997]	16,174
Kcnn3	Rattus norvegicus potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3 (Kcnn3), mRNA [NM_019315]	16,172
LOC312502	PREDICTED: Rattus norvegicus similar to RAB11 family interacting protein 5 (class I) isoform 1 (LOC312502), miscRNA [XR_085818]	16,168
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZP11] [ENSRNOT00000032583]	16,168
Irgq	Rattus norvegicus immunity-related GTPase family, Q (Irgq), mRNA [NM_001135742]	16,164
0	Q6ZPJ1_MOUSE (Q6ZPJ1) MKIAA1736 protein (Fragment), partial (21%) [TC624205]	16,164
Ppm1f	Rattus norvegicus protein phosphatase 1F (PP2C domain containing) (Ppm1f), mRNA [NM_175755]	16,160

Stat3	Rattus norvegicus signal transducer and activator of transcription 3 (Stat3), mRNA [NM_012747]	16,160
RGD1559513	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADJ9] [ENSRNOT00000033492]	16,159
Tcea2	Rattus norvegicus transcription elongation factor A (SII), 2 (Tcea2), mRNA [NM_057098]	16,157
Vipr2	Rattus norvegicus vasoactive intestinal peptide receptor 2 (Vipr2), mRNA [NM_017238]	16,156
Fnbp4	Rattus norvegicus formin binding protein 4 (Fnbp4), mRNA [NM_001013159]	16,148
U2af114	Rattus norvegicus U2 small nuclear RNA auxiliary factor 1-like 4 (U2af114), mRNA [NM_001008775]	16,147
Fam20b	Rattus norvegicus family with sequence similarity 20, member B (Fam20b), mRNA [NM_001107187]	16,147
Ezh1	Rattus norvegicus enhancer of zeste homolog 1 (Drosophila) (Ezh1), mRNA [NM_001107051]	16,145
Lhb	Rattus norvegicus luteinizing hormone beta (Lhb), transcript variant 1, mRNA [NM_012858]	16,145
Ramp2	Rattus norvegicus receptor (G protein-coupled) activity modifying protein 2 (Ramp2), mRNA [NM_031646]	16,144
Agpat3	Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 3 (Agpat3), mRNA [NM_001106378]	16,142
Msl1	Rattus norvegicus male-specific lethal 1 homolog (Drosophila) (Msl1), mRNA [NM_001107048]	16,141
Hdhd3	Rattus norvegicus haloacid dehalogenase-like hydrolase domain containing 3 (Hdhd3), mRNA [NM_001109511]	16,139
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9Y5] [ENSRNOT00000044331]	16,137
Rtn2	Rattus norvegicus reticulon 2 (Rtn2), mRNA [NM_201562]	16,136
Trim8	Rattus norvegicus tripartite motif-containing 8 (Trim8), mRNA [NM_001128083]	16,135
Pde5a	Rattus norvegicus phosphodiesterase 5A, cGMP-specific (Pde5a), mRNA [NM_133584]	16,135
Ccnd2	Rattus norvegicus cyclin D2 (Ccnd2), mRNA [NM_022267]	16,134
0	Unknown	16,133
Wnt7b	Rattus norvegicus wingless-type MMTV integration site family, member 7B (Wnt7b), mRNA [NM_001009695]	16,132
Map3k13	Rattus norvegicus mitogen-activated protein kinase kinase kinase 13 (Map3k13), mRNA [NM_001013978]	16,127
Pglyrp4	Rattus norvegicus peptidoglycan recognition protein 4 (Pglyrp4), mRNA [NM_001191708]	16,125
Grb7	Rattus norvegicus growth factor receptor bound protein 7 (Grb7), mRNA [NM_053403]	16,121
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD87] [ENSRNOT00000046906]	16,121
0	Unknown	16,119
0	Unknown	16,117
0	BC052456 Fcho2 {Mus musculus} (exp=-1; wgp=0; cg=0), partial (11%) [TC610872]	16,114
Fam155a	PREDICTED: Rattus norvegicus family with sequence similarity 155, member A (Fam155a), mRNA [XM_001076507]	16,109
0	Unknown	16,103
Cplx3	Rattus norvegicus complexin 3 (Cplx3), mRNA [NM_001109295]	16,101
Nfya	Rattus norvegicus nuclear transcription factor-Y alpha (Nfya), mRNA [NM_012865]	16,100
Tmem170b	Rattus norvegicus transmembrane protein 170B (Tmem170b), mRNA [NM_001008774]	16,097
LOC360479	Rattus norvegicus similar to hypothetical protein (LOC360479), mRNA [NM_001014115]	16,091

0	PREDICTED: Rattus norvegicus similar to RNA binding protein gene with multiple splicing, transcript variant 2 (RGD1561067), mRNA [XM_001059526]	16,090
0	Myeloid/lymphoid or mixed-lineage leukemia (Mapped)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLI0] [ENSRNOT00000040881]	16,090
Car9	Rattus norvegicus carbonic anhydrase 9 (Car9), mRNA [NM_001107956]	16,088
Ctu1	Rattus norvegicus cytosolic thiouridylase subunit 1 homolog (S. pombe) (Ctu1), mRNA [NM_001106251]	16,084
Ankrd34b	Rattus norvegicus ankyrin repeat domain 34B (Ankrd34b), mRNA [NM_001109174]	16,082
Rgs8	Rattus norvegicus regulator of G-protein signaling 8 (Rgs8), mRNA [NM_019344]	16,075
Papolb	Rattus norvegicus poly (A) polymerase beta (testis specific) (Papolb), mRNA [NM_001012020]	16,074
Zc3h14	Rattus norvegicus zinc finger CCCH type containing 14 (Zc3h14), transcript variant 1, mRNA [NM_001033951]	16,073
Mfhas1	Rattus norvegicus malignant fibrous histiocytoma amplified sequence 1 (Mfhas1), mRNA [NM_001107316]	16,071
Ppm1k	Rattus norvegicus protein phosphatase 1K (PP2C domain containing) (Ppm1k), nuclear gene encoding mitochondrial protein, mRNA [NM_001107863]	16,066
Sh2d3c	Rattus norvegicus SH2 domain containing 3C (Sh2d3c), mRNA [NM_001108579]	16,066
Rbm33	Rattus norvegicus TL0AAA88YH13 mRNA sequence. [FQ211558]	16,064
Suv39h1	Rattus norvegicus suppressor of variegation 3-9 homolog 1 (Drosophila) (Suv39h1), mRNA [NM_001106956]	16,058
Ttc13	Rattus norvegicus tetratricopeptide repeat domain 13 (Ttc13), mRNA [NM_001136162]	16,057
Map2k6	Rattus norvegicus mitogen-activated protein kinase kinase 6 (Map2k6), mRNA [NM_053703]	16,056
Thsd1	Rattus norvegicus thrombospondin, type I, domain containing 1 (Thsd1), mRNA [NM_001108878]	16,055
Qser1	Rattus norvegicus glutamine and serine rich 1 (Qser1), mRNA [NM_001139493]	16,055
0	AGENCOURT_31530923 NIH_MGC_270 Rattus norvegicus cDNA clone IMAGE:7445488 5', mRNA sequence [CV108834]	16,053
Pppde1	Rattus norvegicus PPPDE peptidase domain containing 1 (Pppde1), mRNA [NM_001013873]	16,050
RGD1305422	PREDICTED: Rattus norvegicus similar to mKIAA0226 protein, transcript variant 2 (RGD1305422), mRNA [XM_002724728]	16,050
Adora2a	Rattus norvegicus adenosine A2a receptor (Adora2a), mRNA [NM_053294]	16,048
Glt25d2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9Z7] [ENSRNOT00000030109]	16,047
Olr1400	Rattus norvegicus olfactory receptor 1400 (Olr1400), mRNA [NM_001001096]	16,047
Abcc1	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 1 (Abcc1), mRNA [NM_022281]	16,045
0	Unknown	16,043
Perp	Rattus norvegicus PERP, TP53 apoptosis effector (Perp), mRNA [NM_001106265]	16,039
Parp6	Rattus norvegicus poly (ADP-ribose) polymerase family, member 6 (Parp6), mRNA [NM_001106828]	16,031
Rab4b	Rattus norvegicus RAB4B, member RAS oncogene family (Rab4b), mRNA [NM_017355]	16,030
0	Unknown	16,030
LOC691632	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC691632), mRNA [XM_001079095]	16,027
RGD1307439	Rattus norvegicus similar to hypothetical protein MGC35138 (RGD1307439), mRNA [NM_001127540]	16,025
Lats2	Rattus norvegicus large tumor suppressor 2 (Lats2), mRNA [NM_001107267]	16,021

Setdb1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIW7] [ENSRNOT00000028709]	16,019
Rap1a	Rattus norvegicus RAP1A, member of RAS oncogene family (Rap1a), mRNA [NM_001005765]	16,016
Vom2r18	Rattus norvegicus vomeronasal 2 receptor, 18 (Vom2r18), mRNA [NM_173318]	16,016
Pias1	Rattus norvegicus protein inhibitor of activated STAT, 1 (Pias1), mRNA [NM_001106829]	16,016
RGD1564018	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A328] [ENSRNOT00000011092]	16,014
RGD1306151	Rattus norvegicus similar to hypothetical protein DKFZp761D0211 (RGD1306151), mRNA [NM_001108652]	16,013
Atp9b	Rattus norvegicus ATPase, class II, type 9B (Atp9b), mRNA [NM_001106130]	16,013
Nefh	Rattus norvegicus neurofilament, heavy polypeptide (Nefh), mRNA [NM_012607]	16,010
Wnt3a	PREDICTED: Rattus norvegicus wingless-type MMTV integration site family, member 3A (Wnt3a), mRNA [XM_220546]	16,008
Impdh1	Rattus norvegicus IMP (inosine monophosphate) dehydrogenase 1 (Impdh1), mRNA [NM_001108619]	16,006
Dlg2	Rattus norvegicus discs, large homolog 2 (Drosophila) (Dlg2), mRNA [NM_022282]	16,001
Degs1	Rattus norvegicus degenerative spermatocyte homolog 1, lipid desaturase (Drosophila) (Degs1), mRNA [NM_053323]	15,989
Smad6	Rattus norvegicus SMAD family member 6 (Smad6), mRNA [NM_001109002]	15,988
Kctd15	Rattus norvegicus potassium channel tetramerisation domain containing 15 (Kctd15), mRNA [NM_001109141]	15,986
Phf11	Rattus norvegicus PHD finger protein 11 (Phf11), mRNA [NM_001024272]	15,985
0	RCG32422, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABM7] [ENSRNOT00000021070]	15,984
Hps5	Rattus norvegicus Hermansky-Pudlak syndrome 5 (Hps5), mRNA [NM_001135612]	15,981
Crk	Rattus norvegicus v-crk sarcoma virus CT10 oncogene homolog (avian) (Crk), mRNA [NM_019302]	15,976
Kbtbd3	Rattus norvegicus kelch repeat and BTB (POZ) domain containing 3 (Kbtbd3), mRNA [NM_001108121]	15,975
Tgs1	Rattus norvegicus trimethylguanosine synthase homolog (S. cerevisiae) (Tgs1), mRNA [NM_001107904]	15,975
0	Unknown	15,972
RGD1564031	PREDICTED: Rattus norvegicus similar to transcription elongation factor B (SIII), polypeptide 2 (RGD1564031), mRNA [XM_001081217]	15,970
Lrrc26	Rattus norvegicus leucine rich repeat containing 26 (Lrrc26), mRNA [NM_001014053]	15,969
Adarb2	Rattus norvegicus adenosine deaminase, RNA-specific, B2 (Adarb2), mRNA [NM_133302]	15,969
Lpar2	Rattus norvegicus lysophosphatidic acid receptor 2 (Lpar2), mRNA [NM_001109109]	15,968
Glud1	Rattus norvegicus glutamate dehydrogenase 1 (Glud1), nuclear gene encoding mitochondrial protein, mRNA [NM_012570]	15,968
Cyp4f5	Rattus norvegicus cytochrome P450, family 4, subfamily f, polypeptide 5 (Cyp4f5), mRNA [NM_173124]	15,968
0	PREDICTED: Rattus norvegicus similar to KIAA1447 protein (RGD1306500), mRNA [XM_001081783]	15,966
Dkk1	Rattus norvegicus dickkopf-like 1 (Dkk1), mRNA [NM_001109145]	15,965
RGD1559808	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEB9] [ENSRNOT00000045419]	15,963
Sec23a	Rattus norvegicus Sec23 homolog A (S. cerevisiae) (Sec23a), mRNA [NM_001105732]	15,961
Nxph3	Rattus norvegicus neurexophilin 3 (Nxph3), mRNA [NM_021679]	15,958
LOC687090	Rattus norvegicus hypothetical protein LOC687090 (LOC687090), mRNA [NM_001110318]	15,954
Slc35b2	Rattus norvegicus solute carrier family 35, member B2 (Slc35b2), mRNA [NM_001037215]	15,952

Ptpn9	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 9 (Ptpn9), mRNA [NM_001013040]	15,950
Arsg	Rattus norvegicus arylsulfatase G (Arsg), mRNA [NM_001047877]	15,948
Usp9x	Rattus norvegicus ubiquitin specific peptidase 9, X-linked (Usp9x), transcript variant 2, mRNA [NM_001135923]	15,948
42248	Rattus norvegicus selenoprotein 15 (Sep15), mRNA [NM_133297]	15,942
Klhl26	Rattus norvegicus kelch-like 26 (Drosophila) (Klhl26), mRNA [NM_001106075]	15,941
Adamts9	Rattus norvegicus a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 9 (Adamts9), mRNA [NM_001107877]	15,927
Pigy	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class Y (Pigy), nuclear gene encoding mitochondrial protein, mRNA [NM_001024370]	15,925
Maoa	Rattus norvegicus monoamine oxidase A (Maoa), nuclear gene encoding mitochondrial protein, mRNA [NM_033653]	15,924
Plcb1	Rattus norvegicus phospholipase C, beta 1 (phosphoinositide-specific) (Plcb1), mRNA [NM_001077641]	15,924
Cdr2l	Similar to paraneoplastic antigen (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABP3] [ENSRNOT00000035865]	15,924
Prss32	Rattus norvegicus protease, serine, 32 (Prss32), mRNA [NM_001106983]	15,921
Rfk	Rattus norvegicus riboflavin kinase (Rfk), mRNA [NM_001014106]	15,920
Olr1341	Rattus norvegicus olfactory receptor 1341 (Olr1341), mRNA [NM_001000482]	15,912
Gpr135	Rattus norvegicus G protein-coupled receptor 135 (Gpr135), mRNA [NM_181771]	15,910
Zfp422	Rattus norvegicus zinc finger protein 422 (Zfp422), mRNA [NM_001012745]	15,909
Map4k1	Rattus norvegicus mitogen activated protein kinase kinase kinase kinase 1 (Map4k1), mRNA [NM_001106243]	15,908
0	PREDICTED: Rattus norvegicus similar to olfactory receptor Olr1374 (LOC690140), mRNA [XM_001073432]	15,904
Wnt7a	Rattus norvegicus wingless-type MMTV integration site family, member 7A (Wnt7a), mRNA [NM_001100473]	15,903
Suv420h2	Rattus norvegicus suppressor of variegation 4-20 homolog 2 (Drosophila) (Suv420h2), mRNA [NM_001107475]	15,902
0	Unknown	15,901
LOC690311	PREDICTED: Rattus norvegicus similar to Alpha-1-antitrypsin-related protein precursor (LOC690311), mRNA [XM_001074053]	15,898
Gimap1	Rattus norvegicus GTPase, IMAP family member 1 (Gimap1), mRNA [NM_001034849]	15,897
0	SRY-box containing gene 5 Gene [Source:MGI Symbol;Acc:MGI:98367] [ENSRNOT00000020729]	15,894
RGD1562211	Rattus norvegicus similar to ubiquitin specific protease 51 (RGD1562211), mRNA [NM_001108252]	15,893
Wdr25l	Rattus norvegicus WD repeat domain 25-like (Wdr25l), mRNA [NM_001135894]	15,891
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKG2] [ENSRNOT00000043675]	15,889
RGD1562618	Rattus norvegicus similar to RIKEN cDNA 6030419C18 gene (RGD1562618), mRNA [NM_001113791]	15,886
Polk	Rattus norvegicus polymerase (DNA directed) kappa (Polk), mRNA [NM_138516]	15,886
Zc3h14	Rattus norvegicus zinc finger CCCH type containing 14 (Zc3h14), transcript variant 2, mRNA [NM_138920]	15,885
Tmem132e	Rattus norvegicus transmembrane protein 132E (Tmem132e), mRNA [NM_001134410]	15,884
0	PREDICTED: Rattus norvegicus similar to DUB-1 (RGD1562061), mRNA [XM_219062]	15,878
Rasa3	Rattus norvegicus RAS p21 protein activator 3 (Rasa3), mRNA [NM_031574]	15,878
Dtx3	Rattus norvegicus deltex homolog 3 (Drosophila) (Dtx3), mRNA [NM_001191989]	15,874

0	Q3QL41_9GAMM (Q3QL41) Phosphoesterase, PA-phosphatase related precursor, partial (13%) [TC587259]	15,870
Gna12	Rattus norvegicus guanine nucleotide binding protein (G protein) alpha 12 (Gna12), mRNA [NM_031034]	15,865
0	Unknown	15,865
Btf3	Rattus norvegicus basic transcription factor 3 (Btf3), mRNA [NM_001008309]	15,863
0	Unknown	15,859
Tp53inp1	Rattus norvegicus tumor protein p53 inducible nuclear protein 1 (Tp53inp1), mRNA [NM_181084]	15,854
Foxl2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0S1] [ENSRNOT00000023091]	15,851
Sox4	PREDICTED: Rattus norvegicus SRY (sex determining region Y)-box 4 (Sox4), mRNA [XM_344594]	15,847
Synpo2l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ68] [ENSRNOT00000011956]	15,846
0	Unknown	15,845
0	Glycerol kinase [Source:UniProtKB/Swiss-Prot;Acc:Q63060] [ENSRNOT00000042729]	15,836
Pomt1	Rattus norvegicus protein-O-mannosyltransferase 1 (Pomt1), mRNA [NM_053406]	15,831
Cdh2	Rattus norvegicus cadherin 2 (Cdh2), mRNA [NM_031333]	15,830
0	PREDICTED: Rattus norvegicus ubiquitination factor E4B (Ube4b), mRNA [XM_233679]	15,828
0	Rattus norvegicus similar to gtf2ird2 (LOC360795), mRNA [XM_341065]	15,825
Fbxo17	Rattus norvegicus F-box protein 17 (Fbxo17), mRNA [NM_001013064]	15,825
RGD1565923	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ20972 (RGD1565923), mRNA [XM_575900]	15,825
Sephs1	Rattus norvegicus selenophosphate synthetase 1 (Sephs1), mRNA [NM_001104630]	15,824
S100a11	Rattus norvegicus S100 calcium binding protein A11 (calizzarin) (S100a11), mRNA [NM_001004095]	15,823
Olr1335	Rattus norvegicus olfactory receptor 1335 (Olr1335), mRNA [NM_001000479]	15,820
0	Unknown	15,817
RGD1306526	Rattus norvegicus hypothetical LOC310764 (RGD1306526), mRNA [NM_001107713]	15,817
Galnt1	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1) (Galnt1), mRNA [NM_024373]	15,815
Prpf18	Rattus norvegicus PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae) (Prpf18), mRNA [NM_138523]	15,812
0	Unknown	15,812
Pxk	Rattus norvegicus PX domain containing serine/threonine kinase (Pxk), mRNA [NM_182821]	15,807
Zdhhc2	Rattus norvegicus zinc finger, DHHC-type containing 2 (Zdhhc2), mRNA [NM_145096]	15,803
Prickle2	Rattus norvegicus prickle homolog 2 (Drosophila) (Prickle2), mRNA [NM_001107876]	15,801
Trank1	Rattus norvegicus tetratricopeptide repeat and ankyrin repeat containing 1 (Trank1), mRNA [NM_001191799]	15,798
Ank1	Rattus norvegicus ankyrin 1, erythrocytic (Ank1), mRNA [NM_001107322]	15,795
Tlx3	PREDICTED: Rattus norvegicus T-cell leukemia, homeobox 3 (Tlx3), mRNA [XM_001064411]	15,793
Slc20a2	Rattus norvegicus solute carrier family 20 (phosphate transporter), member 2 (Slc20a2), mRNA [NM_017223]	15,793
Srfbp1	Rattus norvegicus serum response factor binding protein 1 (Srfbp1), mRNA [NM_001005536]	15,792

Cabp4	Rattus norvegicus calcium binding protein 4 (Cabp4), mRNA [NM_001108926]	15,791
Dnal1	Rattus norvegicus dynein, axonemal, light chain 1 (Dnal1), mRNA [NM_001109477]	15,791
Olr1513	Rattus norvegicus olfactory receptor 1513 (Olr1513), mRNA [NM_001000035]	15,790
Serinc5	Rattus norvegicus serine incorporator 5 (Serinc5), mRNA [NM_133395]	15,784
Pcdh19	Rattus norvegicus protocadherin 19 (Pcdh19), mRNA [NM_001169129]	15,782
Pitrm1	Rattus norvegicus pitrilysin metallopeptidase 1 (Pitrm1), nuclear gene encoding mitochondrial protein, mRNA [NM_001107363]	15,777
Mrps18a	Rattus norvegicus mitochondrial ribosomal protein S18A (Mrps18a), nuclear gene encoding mitochondrial protein, mRNA [NM_198756]	15,777
0	PREDICTED: Rattus norvegicus similar to zinc finger protein 617 (LOC684006), mRNA [XM_001068456]	15,767
LOC682999	Rattus norvegicus hypothetical protein LOC682999 (LOC682999), mRNA [NM_001127600]	15,765
Mrpl37	Rattus norvegicus mitochondrial ribosomal protein L37 (Mrpl37), nuclear gene encoding mitochondrial protein, mRNA [NM_001004235]	15,762
Man2b1	Rattus norvegicus mannosidase, alpha, class 2B, member 1 (Man2b1), mRNA [NM_199404]	15,762
Optn	Rattus norvegicus optineurin (Optn), mRNA [NM_145081]	15,762
Plscr3	Rattus norvegicus phospholipid scramblase 3 (Plscr3), mRNA [NM_001012139]	15,761
Mpdu1	Rattus norvegicus mannose-P-dolichol utilization defect 1 (Mpdu1), mRNA [NM_001107011]	15,760
0	Q99LS0_MOUSE (Q99LS0) Esophageal cancer related gene 4 protein, partial (13%) [TC630296]	15,754
Cd22	Rattus norvegicus CD22 molecule (Cd22), mRNA [NM_001107503]	15,747
Txnip	Rattus norvegicus thioredoxin interacting protein (Txnip), mRNA [NM_001008767]	15,746
Med14	Rattus norvegicus mediator complex subunit 14 (Med14), mRNA [NM_001191727]	15,740
Sec61a2	Rattus norvegicus Sec61 alpha 2 subunit (S. cerevisiae) (Sec61a2), mRNA [NM_001170343]	15,735
lpmk	Rattus norvegicus inositol polyphosphate multikinase (lpmk), mRNA [NM_134417]	15,735
Zfp395	Rattus norvegicus zinc finger protein 395 (Zfp395), mRNA [NM_001107271]	15,734
RGD1560175	Putative uncharacterized protein RGD1560175_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABR5] [ENSRNOT00000046208]	15,733
Dlx3	Rattus norvegicus distal-less homeobox 3 (Dlx3), mRNA [NM_001105832]	15,729
Sfrs11	Rattus norvegicus splicing factor, arginine/serine-rich 11 (Sfrs11), mRNA [NM_001035255]	15,727
Stk39	Rattus norvegicus serine/threonine kinase 39, STE20/SPS1 homolog (yeast) (Stk39), mRNA [NM_019362]	15,725
Ehd4	Rattus norvegicus EH-domain containing 4 (Ehd4), mRNA [NM_139324]	15,723
Slc38a1	Rattus norvegicus solute carrier family 38, member 1 (Slc38a1), mRNA [NM_138832]	15,722
Nkx6-1	Rattus norvegicus NK6 homeobox 1 (Nkx6-1), mRNA [NM_031737]	15,722
RGD1564560	Rattus norvegicus similar to RCK (RGD1564560), mRNA [NM_001109292]	15,721
0	Unknown	15,720
Rock2	Rattus norvegicus Rho-associated coiled-coil containing protein kinase 2 (Rock2), mRNA [NM_013022]	15,717
LOC686809	PREDICTED: Rattus norvegicus similar to protein 7 transactivated by hepatitis B virus X antigen (LOC686809), mRNA [XM_001075804]	15,715
0	Unknown	15,713

Susd5	Sushi domain containing 5 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSC1] [ENSRNOT00000028675]	15,710
Tmem106b	Rattus norvegicus transmembrane protein 106B (Tmem106b), mRNA [NM_001004267]	15,709
LOC681931	PREDICTED: Rattus norvegicus similar to PRP19/PSO4 homolog (LOC681931), mRNA [XM_001059015]	15,708
lfltd1	Rattus norvegicus intermediate filament tail domain containing 1 (lfltd1), mRNA [NM_001191980]	15,706
Arih1	Rattus norvegicus ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila) (Arih1), mRNA [NM_001013108]	15,704
Rap2ip	Rattus norvegicus Rap2 interacting protein (Rap2ip), mRNA [NM_198758]	15,703
Fbxo21	Rattus norvegicus F-box protein 21 (Fbxo21), mRNA [NM_001108338]	15,697
Ceacam6	Rattus norvegicus carcinoembryonic antigen-related cell adhesion molecule 6 (Ceacam6), mRNA [NM_001103358]	15,696
0	Unknown	15,690
Mx1	Rattus norvegicus myxovirus (influenza virus) resistance 1 (Mx1), mRNA [NM_173096]	15,690
Ccnd3	Rattus norvegicus cyclin D3 (Ccnd3), mRNA [NM_012766]	15,689
Zfp74	PREDICTED: Rattus norvegicus zinc finger protein 569 (Znf569), mRNA [XM_001078778]	15,687
0	Unknown	15,682
Sry	Rattus norvegicus sex determining region Y (Sry), mRNA [NM_012772]	15,682
Ywhag	Rattus norvegicus tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide (Ywhag), mRNA [NM_019376]	15,681
Cnnm2	Rattus norvegicus cyclin M2 (Cnnm2), mRNA [NM_001011942]	15,679
Nfkb2	Rattus norvegicus nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100 (Nfkb2), mRNA [NM_001008349]	15,679
Shank2	Rattus norvegicus SH3 and multiple ankyrin repeat domains 2 (Shank2), transcript variant 1, mRNA [NM_201350]	15,679
Atoh7	Rattus norvegicus atonal homolog 7 (Drosophila) (Atoh7), mRNA [NM_001170482]	15,677
0	Unknown	15,673
0	Unknown	15,669
Tmem87b	Rattus norvegicus transmembrane protein 87B (Tmem87b), mRNA [NM_001191854]	15,668
0	Rattus norvegicus similar to Nedd4 binding protein 1 (LOC365705), mRNA [XM_345172]	15,668
0	Unknown	15,668
0	Unknown	15,668
Spem1	Rattus norvegicus spermatid maturation 1 (Spem1), mRNA [NM_001109653]	15,667
Zbtb42	Rattus norvegicus zinc finger and BTB domain containing 42 (Zbtb42), mRNA [NM_001126302]	15,665
Spata2	Rattus norvegicus spermatogenesis associated 2 (Spata2), mRNA [NM_053675]	15,662
RGD1563866	PREDICTED: Rattus norvegicus RGD1563866, transcript variant 2 (RGD1563866), mRNA [XM_236231]	15,662
Znf652	Rattus norvegicus zinc finger protein 652 (Znf652), mRNA [NM_001080207]	15,660
Acot7	Rattus norvegicus acyl-CoA thioesterase 7 (Acot7), transcript variant 1, mRNA [NM_001146061]	15,657
RGD1306941	Rattus norvegicus similar to CG31122-PA (RGD1306941), mRNA [NM_001108219]	15,651
0	Unknown	15,650
Slc35c2	Rattus norvegicus solute carrier family 35, member C2 (Slc35c2), mRNA [NM_001107803]	15,650

0	Q3FJK6_9BURK (Q3FJK6) Biotin--acetyl-CoA-carboxylase ligase, partial (5%) [TC585832]	15,650
LOC680319	Rattus norvegicus hypothetical protein LOC680319 (LOC680319), mRNA [NM_001109401]	15,646
RGD1311309	PREDICTED: Rattus norvegicus similar to 2510002A14Rik protein, transcript variant 2 (RGD1311309), mRNA [XM_002724960]	15,645
LOC688297	PREDICTED: Rattus norvegicus similar to Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase gamma-subunit (GMP-PDE gamma), transcript variant 1 (LOC688297), mRNA [XM_001081804]	15,644
Slc5a7	Rattus norvegicus solute carrier family 5 (choline transporter), member 7 (Slc5a7), mRNA [NM_053521]	15,643
Phc2	Rattus norvegicus polyhomeotic homolog 2 (Drosophila) (Phc2), mRNA [NM_001013169]	15,641
Mvk	Rattus norvegicus mevalonate kinase (Mvk), mRNA [NM_031063]	15,638
Fgf5	Rattus norvegicus fibroblast growth factor 5 (Fgf5), mRNA [NM_022211]	15,637
Dnajc30	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 30 (Dnajc30), mRNA [NM_001109024]	15,636
Ercc1	Rattus norvegicus excision repair cross-complementing rodent repair deficiency, complementation group 1 (Ercc1), mRNA [NM_001106228]	15,635
Acbd7	Rattus norvegicus acyl-Coenzyme A binding domain containing 7 (Acbd7), mRNA [NM_001126079]	15,632
Cdh11	Rattus norvegicus cadherin 11 (Cdh11), mRNA [NM_053392]	15,630
Cda	Rattus norvegicus cytidine deaminase (Cda), mRNA [NM_001108688]	15,629
Gadd45b	Rattus norvegicus growth arrest and DNA-damage-inducible, beta (Gadd45b), mRNA [NM_001008321]	15,628
Iqgap1	Rattus norvegicus IQ motif containing GTPase activating protein 1 (Iqgap1), mRNA [NM_001108489]	15,623
0	Unknown	15,622
0	Similar to HLA-B associated transcript-2 isoform aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUK2] [ENSRNOT00000066368]	15,620
Cdk5r1	Rattus norvegicus cyclin-dependent kinase 5, regulatory subunit 1 (Cdk5r1), mRNA [NM_053891]	15,618
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAV5] [ENSRNOT00000019301]	15,615
Pias2	Rattus norvegicus protein inhibitor of activated STAT, 2 (Pias2), mRNA [NM_053337]	15,614
Slc1a7	Rattus norvegicus solute carrier family 1 (glutamate transporter), member 7 (Slc1a7), mRNA [NM_001108973]	15,614
Cd2ap	Rattus norvegicus CD2-associated protein (Cd2ap), mRNA [NM_181475]	15,611
Wnt4	Rattus norvegicus wingless-type MMTV integration site family, member 4 (Wnt4), mRNA [NM_053402]	15,610
Armc1	Rattus norvegicus armadillo repeat containing 1 (Armc1), mRNA [NM_001106425]	15,608
Rps6ka2	Rattus norvegicus ribosomal protein S6 kinase polypeptide 2 (Rps6ka2), mRNA [NM_057128]	15,607
0	Unknown	15,604
Hps5	Rattus norvegicus Hermansky-Pudlak syndrome 5 (Hps5), mRNA [NM_001135612]	15,601
0	Unknown	15,597
0	Rattus norvegicus similar to hypothetical protein (LOC306346), mRNA [XM_224724]	15,595
Krt25	Rattus norvegicus keratin 25 (Krt25), mRNA [NM_001008822]	15,595
0	Q4RDS8_TETNG (Q4RDS8) Chromosome undetermined SCAF15796, whole genome shotgun sequence. (Fragment), partial (6%) [TC625290]	15,595
0	Unknown	15,594
RGD1561270	PREDICTED: Rattus norvegicus similar to Zinc finger protein 248 (RGD1561270), mRNA [XM_001057394]	15,591

RGD1561672	PREDICTED: Rattus norvegicus similar to novel protein (RGD1561672), mRNA [XM_001065540]	15,590
Zdhhc5	Rattus norvegicus zinc finger, DHHC-type containing 5 (Zdhhc5), mRNA [NM_001039338]	15,587
Egr2	Rattus norvegicus early growth response 2 (Egr2), mRNA [NM_053633]	15,586
Fam171b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTG3] [ENSRNOT00000006504]	15,584
Khdrbs1	Rattus norvegicus KH domain containing, RNA binding, signal transduction associated 1 (Khdrbs1), mRNA [NM_130405]	15,577
Sf3a2	Rattus norvegicus splicing factor 3a, subunit 2 (Sf3a2), mRNA [NM_001011986]	15,575
Ap1s1	Rattus norvegicus adaptor-related protein complex 1, sigma 1 subunit, mRNA (cDNA clone MGC:188494 IMAGE:5623505), complete cds. [BC168682]	15,574
RGD1562415	Unknown	15,570
LOC687707	Rattus norvegicus hypothetical protein LOC687707 (LOC687707), mRNA [NM_001145538]	15,569
Rbm33	Rattus norvegicus RNA binding motif protein 33 (Rbm33), mRNA [NM_001191859]	15,566
Acbd3	Rattus norvegicus acyl-Coenzyme A binding domain containing 3 (Acbd3), mRNA [NM_182843]	15,566
Lancl3	Rattus norvegicus LanC lantibiotic synthetase component C-like 3 (bacterial) (Lancl3), mRNA [NM_001191728]	15,557
Dstyk	Rattus norvegicus dual serine/threonine and tyrosine protein kinase (Dstyk), mRNA [NM_199463]	15,556
Snx19	Rattus norvegicus sorting nexin 19 (Snx19), mRNA [NM_001108131]	15,552
Yipf5	Rattus norvegicus Yip1 domain family, member 5 (Yipf5), mRNA [NM_001014150]	15,552
Cc2d1a	Rattus norvegicus coiled-coil and C2 domain containing 1A (Cc2d1a), mRNA [NM_001013869]	15,544
Bcas1	Rattus norvegicus breast carcinoma amplified sequence 1 (Bcas1), mRNA [NM_145670]	15,542
Vsx1	Rattus norvegicus visual system homeobox 1 (Vsx1), mRNA [NM_001109546]	15,542
Chrb2	Rattus norvegicus cholinergic receptor, nicotinic, beta 2 (neuronal) (Chrb2), mRNA [NM_019297]	15,540
Mbd2	Rattus norvegicus methyl-CpG binding domain protein 2 (Mbd2), mRNA [NM_001115025]	15,539
Rgl3	Rattus norvegicus ral guanine nucleotide dissociation stimulator-like 3 (Rgl3), mRNA [NM_001106805]	15,538
Arl4c	PREDICTED: Rattus norvegicus ADP-ribosylation factor-like 4C (Arl4c), miscRNA [XR_085918]	15,538
0	Unknown	15,536
RGD1565096	Rattus norvegicus similar to TSG118.1 (RGD1565096), mRNA [NM_001134611]	15,534
Plxnb2	Rattus norvegicus plexin B2 (Plxnb2), mRNA [NM_001108106]	15,531
RGD1306148	PREDICTED: Rattus norvegicus similar to KIAA0368 (RGD1306148), miscRNA [XR_085838]	15,531
Cdca7l	Rattus norvegicus cell division cycle associated 7 like (Cdca7l), mRNA [NM_001034953]	15,529
Pias4	Rattus norvegicus protein inhibitor of activated STAT, 4 (Pias4), mRNA [NM_001100757]	15,528
0	Unknown	15,527
Clec11a	Rattus norvegicus C-type lectin domain family 11, member a (Clec11a), mRNA [NM_001012459]	15,526
Narg2	Rattus norvegicus NMDA receptor regulated 2 (Narg2), mRNA [NM_001191108]	15,524
RGD1310358	Rattus norvegicus similar to NNX3 (RGD1310358), mRNA [NM_001107507]	15,520
Isoc1	Rattus norvegicus isochorismatase domain containing 1 (Isoc1), mRNA [NM_001014242]	15,519

Pax2	Rattus norvegicus paired box 2 (Pax2), mRNA [NM_001106361]	15,518
Slc27a4	Rattus norvegicus solute carrier family 27 (fatty acid transporter), member 4 (Slc27a4), mRNA [NM_001100706]	15,517
Prss53	Rattus norvegicus protease, serine, 53 (Prss53), mRNA [NM_001109156]	15,516
LOC100361585	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA11] [ENSRNOT00000022866]	15,515
0	Unknown	15,513
Sncap	Rattus norvegicus synuclein, alpha interacting protein (Sncap), mRNA [NM_001107379]	15,512
0	Unknown	15,510
Arhgap8	Rattus norvegicus Rho GTPase activating protein 8 (Arhgap8), mRNA [NM_001004242]	15,506
LOC361128	Rattus norvegicus similar to TR4 orphan receptor associated protein TRA16 (LOC361128), mRNA [NM_001047104]	15,506
Chp	Rattus norvegicus calcium binding protein p22 (Chp), mRNA [NM_024139]	15,504
0	Unknown	15,500
LOC688511	PREDICTED: Rattus norvegicus similar to similar to 60S ribosomal protein L12 (LOC688511), miscRNA [XR_085815]	15,499
Dclk3	Rattus norvegicus doublecortin-like kinase 3 (Dclk3), mRNA [NM_001191800]	15,495
Cish	Rattus norvegicus cytokine inducible SH2-containing protein (Cish), mRNA [NM_031804]	15,491
Rap1gap	PREDICTED: Rattus norvegicus Rap1 GTPase-activating protein (Rap1gap), mRNA [XM_001070178]	15,490
Klf11	Rattus norvegicus Kruppel-like factor 11 (Klf11), mRNA [NM_001037354]	15,482
Scn8a	Rattus norvegicus sodium channel, voltage gated, type VIII, alpha subunit (Scn8a), mRNA [NM_019266]	15,482
0	Unknown	15,481
Troap	RCG50654Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLZ9] [ENSRNOT00000043479]	15,480
Kalrn	Rattus norvegicus kalirin, RhoGEF kinase (Kalrn), mRNA [NM_032062]	15,480
Foxo6	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV21] [ENSRNOT00000050941]	15,476
Ncor2	Rattus norvegicus nuclear receptor co-repressor 2 (Ncor2), mRNA [NM_001108334]	15,474
Ccl9	Rattus norvegicus chemokine (C-C motif) ligand 9 (Ccl9), mRNA [NM_001012357]	15,473
0	Unknown	15,471
0	Unknown	15,469
0	Unknown	15,462
Camlg	Rattus norvegicus calcium modulating ligand (Camlg), mRNA [NM_053334]	15,461
Gabra3	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, alpha 3 (Gabra3), mRNA [NM_017069]	15,460
0	Unknown	15,458
Zc3h18	Rattus norvegicus zinc finger CCCH-type containing 18 (Zc3h18), mRNA [NM_201416]	15,456
0	Unknown	15,456
0	Unknown	15,456
0	Unknown	15,454
Dcaf10	Rattus norvegicus DDB1 and CUL4 associated factor 10 (Dcaf10), mRNA [NM_001107935]	15,450

Gabbr1	Rattus norvegicus gamma-aminobutyric acid (GABA) B receptor 1 (Gabbr1), mRNA [NM_031028]	15,449
Lfn3	Rattus norvegicus leucine rich repeat and fibronectin type III domain containing 3 (Lfn3), mRNA [NM_001107502]	15,449
LOC498972	PREDICTED: Rattus norvegicus similar to copine II (LOC498972), mRNA [XM_002725371]	15,446
Tmed7	Rattus norvegicus transmembrane emp24 protein transport domain containing 7 (Tmed7), mRNA [NM_001105758]	15,444
0	Unknown	15,442
Ppp1cb	Rattus norvegicus protein phosphatase 1, catalytic subunit, beta isoform (Ppp1cb), mRNA [NM_013065]	15,441
Spry1	Rattus norvegicus sprouty homolog 1, antagonist of FGF signaling (Drosophila) (Spry1), mRNA [NM_001106427]	15,439
Park2	Rattus norvegicus Parkinson disease (autosomal recessive, juvenile) 2, parkin (Park2), mRNA [NM_020093]	15,439
Cd3eap	Rattus norvegicus CD3e molecule, epsilon associated protein (Cd3eap), mRNA [NM_001109416]	15,437
Tmem176a	Rattus norvegicus transmembrane protein 176A (Tmem176a), mRNA [NM_001039008]	15,436
Dppa3l1	PREDICTED: Rattus norvegicus similar to developmental pluripotency-associated 3 (LOC691014), mRNA [XM_001076514]	15,434
0	Unknown	15,433
Kbtbd5	Rattus norvegicus kelch repeat and BTB (POZ) domain containing 5 (Kbtbd5), mRNA [NM_001108195]	15,432
Dscam	Rattus norvegicus Down syndrome cell adhesion molecule (Dscam), mRNA [NM_133587]	15,431
Ap3b1	Rattus norvegicus adaptor-related protein complex 3, beta 1 subunit (Ap3b1), mRNA [NM_001107646]	15,431
Ttbk1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAU7] [ENSRNOT00000024824]	15,430
Kif23	Rattus norvegicus kinesin family member 23 (Kif23), mRNA [NM_001108155]	15,430
0	Unknown	15,429
Ppcdc	Rattus norvegicus phosphopantothienoylcysteine decarboxylase (Ppcdc), mRNA [NM_001108763]	15,428
Xpo5	Rattus norvegicus exportin 5 (Xpo5), mRNA [NM_001108789]	15,426
0	Unknown	15,425
RGD1311517	Rattus norvegicus similar to RIKEN cDNA 9430015G10 (RGD1311517), mRNA [NM_001014072]	15,423
Ptprj	Rattus norvegicus protein tyrosine phosphatase, receptor type, J (Ptprj), mRNA [NM_017269]	15,423
Mobk1a	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 1A (yeast) (Mobk1a), mRNA [NM_001108357]	15,422
LOC688786	Rattus norvegicus similar to CG14483-PA (LOC688786), mRNA [NM_001195245]	15,420
Spats2	Rattus norvegicus spermatogenesis associated, serine-rich 2 (Spats2), mRNA [NM_001191614]	15,419
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKM8] [ENSRNOT00000030027]	15,417
Rassf2	Rattus norvegicus Ras association (RalGDS/AF-6) domain family member 2 (Rassf2), mRNA [NM_001037096]	15,414
Agk	Rattus norvegicus acylglycerol kinase (Agk), nuclear gene encoding mitochondrial protein, mRNA [NM_001127497]	15,412
Tmem87a	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWX1] [ENSRNOT00000011280]	15,411
Tex261	Rattus norvegicus testis expressed 261 (Tex261), mRNA [NM_001017537]	15,404
LOC100363994	PREDICTED: Rattus norvegicus zinc finger protein 455-like (LOC100363994), mRNA [XM_002725924]	15,403
Scn4b	Rattus norvegicus sodium channel, voltage-gated, type IV, beta (Scn4b), mRNA [NM_001008880]	15,401
Kcnq3	Rattus norvegicus potassium voltage-gated channel, KQT-like subfamily, member 3 (Kcnq3), mRNA [NM_031597]	15,400

Rab3a	Rattus norvegicus RAB3A, member RAS oncogene family (Rab3a), mRNA [NM_013018]	15,399
RGD1564496	PREDICTED: Rattus norvegicus RGD1564496 (RGD1564496), mRNA [XM_001073145]	15,397
Gng11	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 11 (Gng11), mRNA [NM_022396]	15,395
0	Q5XIM8_RAT (Q5XIM8) Lipin 1 (Predicted), partial (4%) [TC586232]	15,395
Dnajc4	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 4 (Dnajc4), mRNA [NM_001013196]	15,394
LOC679651	Rattus norvegicus hypothetical protein LOC679651 (LOC679651), mRNA [NM_001195277]	15,391
0	Unknown	15,391
Adam19	Rattus norvegicus a disintegrin and metallopeptidase domain 19 (meltrin beta) (Adam19), mRNA [NM_001160228]	15,388
Srpr	Rattus norvegicus signal recognition particle receptor ('docking protein') (Srpr), mRNA [NM_001034150]	15,386
Mlh3	Rattus norvegicus mutL homolog 3 (E. coli) (Mlh3), mRNA [NM_001108043]	15,385
Yipf3	Rattus norvegicus Yip1 domain family, member 3 (Yipf3), mRNA [NM_001007801]	15,385
LOC684776	PREDICTED: Rattus norvegicus similar to immunoglobulin superfamily, member 21 (LOC684776), mRNA [XM_001071901]	15,380
Atrnl1	PREDICTED: Rattus norvegicus attractin like 1 (Atrnl1), mRNA [XM_217657]	15,376
0	BM387339 UI-R-CN1-cjj-c-03-0-UI.s1 UI-R-CN1 Rattus norvegicus cDNA clone UI-R-CN1-cjj-c-03-0-UI 3', mRNA sequence [BM387339]	15,376
Pdzd2	Rattus norvegicus PDZ domain containing 2 (Pdzd2), mRNA [NM_022940]	15,374
RGD1564463	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXB2] [ENSRNOT00000004815]	15,372
Pcdh18	Rattus norvegicus protocadherin 18 (Pcdh18), mRNA [NM_001100524]	15,370
Tpi1	Rattus norvegicus triosephosphate isomerase 1 (Tpi1), mRNA [NM_022922]	15,364
Ptgr2	Rattus norvegicus prostaglandin reductase 2 (Ptgr2), mRNA [NM_001015009]	15,357
0	Unknown	15,352
0	Unknown	15,349
Sftpb	Rattus norvegicus surfactant protein B (Sftpb), mRNA [NM_138842]	15,349
Tex11	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z868] [ENSRNOT00000041731]	15,347
Prc1	Rattus norvegicus protein regulator of cytokinesis 1 (Prc1), mRNA [NM_001107529]	15,345
Duxbl	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTT0] [ENSRNOT00000052224]	15,343
Tmem132b	Rattus norvegicus transmembrane protein 132B (Tmem132b), mRNA [NM_001134536]	15,342
LOC678704	Rattus norvegicus hypothetical protein LOC678704 (LOC678704), mRNA [NM_001109369]	15,340
Olr3	Rattus norvegicus olfactory receptor 3 (Olr3), mRNA [NM_001000110]	15,337
Man2a1	Rattus norvegicus mannosidase, alpha, class 2A, member 1 (Man2a1), mRNA [NM_012979]	15,332
0	RCG49325, isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR95] [ENSRNOT00000025495]	15,332
SytI5	Rattus norvegicus synaptotagmin-like 5 (SytI5), mRNA [NM_178333]	15,332
0	Solute carrier family 39 (Zinc transporter), member 10 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A517] [ENSRNOT00000016262]	15,331
Vapa	Rattus norvegicus VAMP (vesicle-associated membrane protein)-associated protein A (Vapa), mRNA [NM_031631]	15,330

Foxi3	Rattus norvegicus forkhead box I3 (Foxi3), mRNA [NM_001109349]	15,329
Kpna4	Rattus norvegicus karyopherin alpha 4 (importin alpha 3) (Kpna4), mRNA [NM_001014793]	15,325
Cmpk1	Rattus norvegicus cytidine monophosphate (UMP-CMP) kinase 1 (Cmpk1), mRNA [NM_001025655]	15,320
Mb	Rattus norvegicus myoglobin (Mb), mRNA [NM_021588]	15,320
Naaladl1	Rattus norvegicus N-acetylated alpha-linked acidic dipeptidase-like 1 (Naaladl1), mRNA [NM_031759]	15,315
Hus1	Rattus norvegicus HUS1 checkpoint homolog (S. pombe) (Hus1), mRNA [NM_001109092]	15,313
0	Unknown	15,313
Nr1h4	Rattus norvegicus nuclear receptor subfamily 1, group H, member 4 (Nr1h4), mRNA [NM_021745]	15,312
Slc28a1	Rattus norvegicus solute carrier family 28 (sodium-coupled nucleoside transporter), member 1 (Slc28a1), mRNA [NM_053863]	15,310
Mta1	Rattus norvegicus metastasis associated 1 (Mta1), mRNA [NM_022588]	15,307
Luzp1	Rattus norvegicus leucine zipper protein 1 (Luzp1), mRNA [NM_030830]	15,306
Tbc1d10a	Rattus norvegicus TBC1 domain family, member 10a (Tbc1d10a), mRNA [NM_001015022]	15,306
Clcf1	Rattus norvegicus cardiotrophin-like cytokine factor 1 (Clcf1), mRNA [NM_207615]	15,296
Ttll3	Rattus norvegicus tubulin tyrosine ligase-like family, member 3 (Ttll3), mRNA [NM_001108640]	15,296
0	Myeloid/lymphoid or mixed-lineage leukemia (Mapped)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLI0] [ENSRNOT00000020573]	15,295
Ska2	Rattus norvegicus spindle and kinetochore associated complex subunit 2 (Ska2), mRNA [NM_001009624]	15,295
Rbm16	Rattus norvegicus RNA binding motif protein 16 (Rbm16), mRNA [NM_139094]	15,293
Dusp5	Rattus norvegicus dual specificity phosphatase 5 (Dusp5), mRNA [NM_133578]	15,291
LOC688289	EGF-containing fibulin-like extracellular matrix protein 2 [Source:RefSeq peptide;Acc:NP_001005907] [ENSRNOT00000027971]	15,280
Ube2z	Rattus norvegicus ubiquitin-conjugating enzyme E2Z (Ube2z), mRNA [NM_001037643]	15,279
Fam172a	Rattus norvegicus family with sequence similarity 172, member A (Fam172a), mRNA [NM_001106401]	15,279
Dynll1	Rattus norvegicus dynein light chain LC8-type 1 (Dynll1), mRNA [NM_053319]	15,279
Nek6	Rattus norvegicus NIMA (never in mitosis gene a)-related kinase 6 (Nek6), mRNA [NM_182953]	15,273
Sphk2	Rattus norvegicus sphingosine kinase 2 (Sphk2), mRNA [NM_001012066]	15,271
Qser1	Rattus norvegicus glutamine and serine rich 1 (Qser1), mRNA [NM_001139493]	15,271
0	Unknown	15,270
0	Unknown	15,270
Vamp8	Rattus norvegicus vesicle-associated membrane protein 8 (Vamp8), mRNA [NM_031827]	15,268
Igsf21	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH04] [ENSRNOT00000051793]	15,265
Acy3	Rattus norvegicus aspartoacylase (aminocyclase) 3 (Acy3), mRNA [NM_001009603]	15,264
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADU3] [ENSRNOT00000014310]	15,263
Ncam2	Rattus norvegicus neural cell adhesion molecule 2 (Ncam2), mRNA [NM_203409]	15,262
Abca2	Rattus norvegicus ATP-binding cassette, subfamily A (ABC1), member 2 (Abca2), mRNA [NM_024396]	15,256
Cdc25b	Rattus norvegicus cell division cycle 25 homolog B (S. pombe) (Cdc25b), mRNA [NM_133572]	15,255

0	Unknown	15,255
0	Unknown	15,255
Gpr56	Rattus norvegicus G protein-coupled receptor 56 (Gpr56), mRNA [NM_152242]	15,251
Lin37	Rattus norvegicus lin-37 homolog (C. elegans) (Lin37), mRNA [NM_001106245]	15,251
Cep120	Rattus norvegicus centrosomal protein 120 (Cep120), mRNA [NM_001191697]	15,250
RGD1305455	Rattus norvegicus similar to hypothetical protein FLJ10925 (RGD1305455), mRNA [NM_001024969]	15,250
Hdlbp	Rattus norvegicus high density lipoprotein binding protein (Hdlbp), mRNA [NM_172039]	15,250
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA84] [ENSRNOT00000031988]	15,245
0	BC062892 brother of CDO {Mus musculus} (exp=-1; wgp=0; cg=0), partial (11%) [TC613432]	15,243
Hs6st2	Rattus norvegicus heparan sulfate 6-O-sulfotransferase 2 (Hs6st2), mRNA [NM_001191726]	15,241
Aco1	Rattus norvegicus aconitase 1, soluble (Aco1), mRNA [NM_017321]	15,240
Znf496	PREDICTED: Rattus norvegicus zinc finger protein 496 (Znf496), mRNA [XM_220512]	15,239
Rab3c	Rattus norvegicus RAB3C, member RAS oncogene family (Rab3c), mRNA [NM_133536]	15,239
Rit2	Rattus norvegicus Ras-like without CAAX 2 (Rit2), mRNA [NM_001013060]	15,235
Grin1a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (Grin1a), mRNA [NM_183402]	15,234
Dfna5	Rattus norvegicus deafness, autosomal dominant 5 (human) (Dfna5), mRNA [NM_001191749]	15,234
Pgap1	Rattus norvegicus post-GPI attachment to proteins 1 (Pgap1), mRNA [NM_201990]	15,231
Nedd1	Rattus norvegicus neural precursor cell expressed, developmentally down-regulated 1 (Nedd1), mRNA [NM_001106779]	15,230
36951	Rattus norvegicus membrane-associated ring finger (C3HC4) 1 (March1), mRNA [NM_001135838]	15,229
Fundc1	Rattus norvegicus FUN14 domain containing 1 (Fundc1), mRNA [NM_001025027]	15,229
Anks1a	Rattus norvegicus ankyrin repeat and sterile alpha motif domain containing 1A (Anks1a), mRNA [NM_001107613]	15,225
Ap2m1	Rattus norvegicus adaptor-related protein complex 2, mu 1 subunit (Ap2m1), mRNA [NM_053837]	15,224
Lrrc28	Rattus norvegicus leucine rich repeat containing 28 (Lrrc28), mRNA [NM_001108486]	15,222
0	Unknown	15,221
LOC498972	PREDICTED: Rattus norvegicus similar to copine II (LOC498972), partial mRNA [XM_574259]	15,221
Sorcs3	Rattus norvegicus sortilin-related VPS10 domain containing receptor 3 (Sorcs3), mRNA [NM_001106367]	15,217
0	Unknown	15,216
0	Unknown	15,213
Mustn1	Rattus norvegicus musculoskeletal, embryonic nuclear protein 1 (Mustn1), mRNA [NM_181368]	15,213
Gtpbp1	Rattus norvegicus GTP binding protein 1 (Gtpbp1), mRNA [NM_001199315]	15,213
Dzip3	Similar to Ubiquitin ligase protein DZIP3 (DAZ-interacting protein 3 homolog) (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY61] [ENSRNOT00000002678]	15,213
Pomc	Rattus norvegicus proopiomelanocortin (Pomc), mRNA [NM_139326]	15,213
0	Unknown	15,212

Frmd3	Rattus norvegicus FERM domain containing 3 (Frmd3), mRNA [NM_001106662]	15,210
Sox2	Rattus norvegicus SRY (sex determining region Y)-box 2 (Sox2), mRNA [NM_001109181]	15,209
0	Unknown	15,207
Cdx1	PREDICTED: Rattus norvegicus caudal type homeo box 1 (Cdx1), mRNA [XM_344691]	15,206
Traf6	Rattus norvegicus Tnf receptor-associated factor 6 (Traf6), mRNA [NM_001107754]	15,204
Grin1a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (Grin1a), mRNA [NM_183402]	15,202
Cox15	Rattus norvegicus COX15 homolog, cytochrome c oxidase assembly protein (yeast) (Cox15), nuclear gene encoding mitochondrial protein, mRNA [NM_001033699]	15,194
Morn1	Rattus norvegicus MORN repeat containing 1 (Morn1), mRNA [NM_001005544]	15,194
P2rx6	Rattus norvegicus purinergic receptor P2X, ligand-gated ion channel, 6 (P2rx6), mRNA [NM_012721]	15,194
0	UI-R-Y0-acg-g-03-0-UI.s1 UI-R-Y0 Rattus norvegicus cDNA clone UI-R-Y0-acg-g-03-0-UI 3', mRNA sequence [AI716836]	15,194
Rnf2	Rattus norvegicus ring finger protein 2 (Rnf2), mRNA [NM_001025667]	15,192
Qk	Rattus norvegicus quaking (Qk), mRNA [NM_001115021]	15,191
Rgl1	Rattus norvegicus ral guanine nucleotide dissociation stimulator,-like 1 (Rgl1), mRNA [NM_001105957]	15,188
0	Unknown	15,186
Dpp10	Rattus norvegicus dipeptidylpeptidase 10 (Dpp10), mRNA [NM_001012205]	15,186
Cds1	Rattus norvegicus CDP-diacylglycerol synthase 1 (Cds1), mRNA [NM_031242]	15,183
Agrn	Rattus norvegicus agrin (Agrn), mRNA [NM_175754]	15,182
0	Unknown	15,182
Tubg2	Rattus norvegicus tubulin, gamma 2 (Tubg2), mRNA [NM_001191075]	15,181
RGD1562963	Rattus norvegicus similar to chromosome 6 open reading frame 52 (RGD1562963), mRNA [NM_001145021]	15,181
Ankrd46	Rattus norvegicus ankyrin repeat domain 46 (Ankrd46), mRNA [NM_001013948]	15,180
Paqr3	Rattus norvegicus progesterin and adipoQ receptor family member III (Paqr3), mRNA [NM_001012033]	15,176
Prkar2a	Rattus norvegicus protein kinase, cAMP dependent regulatory, type II alpha (Prkar2a), mRNA [NM_019264]	15,170
0	Unknown	15,167
M6prbp1	PREDICTED: Rattus norvegicus mannose-6-phosphate receptor binding protein 1 (M6prbp1), mRNA [XM_236783]	15,167
0	Unknown	15,164
Nol9	Nol9 protein [Source:UniProtKB/TrEMBL;Acc:Q4G021] [ENSRNOT00000013535]	15,164
LOC680426	PREDICTED: Rattus norvegicus similar to CG7220-PA, isoform A (LOC680426), mRNA [XM_001057119]	15,163
Adam23	Rattus norvegicus ADAM metallopeptidase domain 23 (Adam23), mRNA [NM_001029899]	15,162
0	Unknown	15,161
RGD1562674	PREDICTED: Rattus norvegicus similar to kinase suppressor of ras 2 (RGD1562674), mRNA [XM_222212]	15,161
Chd4	PREDICTED: Rattus norvegicus chromodomain helicase DNA binding protein 4 (Chd4), mRNA [XM_001063352]	15,160
Alkbh7	Rattus norvegicus alkB, alkylation repair homolog 7 (E. coli) (Alkbh7), mRNA [NM_001109384]	15,159

Snd1	Rattus norvegicus staphylococcal nuclease and tudor domain containing 1 (Snd1), mRNA [NM_022694]	15,158
Gpr173	Rattus norvegicus G-protein coupled receptor 173 (Gpr173), mRNA [NM_022255]	15,152
Ppia	Rattus norvegicus peptidylprolyl isomerase A (cyclophilin A) (Ppia), mRNA [NM_017101]	15,152
Slc12a3	Rattus norvegicus solute carrier family 12 (sodium/chloride transporters), member 3 (Slc12a3), mRNA [NM_019345]	15,151
0	Unknown	15,150
Vwce	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSS3] [ENSRNOT00000028268]	15,142
LOC303566	Rattus norvegicus E2F1-inducible gene (LOC303566), mRNA [NM_001017988]	15,142
Tmed2	Rattus norvegicus transmembrane emp24 domain trafficking protein 2 (Tmed2), mRNA [NM_031722]	15,141
Sf3b4	Rattus norvegicus splicing factor 3b, subunit 4 (Sf3b4), mRNA [NM_001011951]	15,140
RGD1561738	PREDICTED: Rattus norvegicus similar to interferon induced transmembrane protein 2 (1-8D) (RGD1561738), miscRNA [XR_008822]	15,139
0	Unknown	15,138
Dnajc8	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 8 (Dnajc8), mRNA [NM_001013168]	15,138
Lef1	Lymphoid enhancer-binding factor 1 [Source:UniProtKB/Swiss-Prot;Acc:Q9QXN1] [ENSRNOT00000013694]	15,138
Hs1bp3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6D9] [ENSRNOT00000007991]	15,134
Lrrc28	Rattus norvegicus leucine rich repeat containing 28 (Lrrc28), mRNA [NM_001108486]	15,133
Cyp2t1	Rattus norvegicus cytochrome P450, family 2, subfamily t, polypeptide 1 (Cyp2t1), mRNA [NM_134369]	15,131
Hist1h4b	Rattus norvegicus histone cluster 1, H4b (Hist1h4b), mRNA [NM_022686]	15,130
0	Unknown	15,129
Mkks	Rattus norvegicus McKusick-Kaufman syndrome (Mkks), mRNA [NM_001008353]	15,125
Tcf4	Rattus norvegicus transcription factor 4 (Tcf4), mRNA [NM_053369]	15,122
Yif1	Rattus norvegicus Yip1 interacting factor homolog (S. cerevisiae) (Yif1), mRNA [NM_172017]	15,120
Taf2	Rattus norvegicus TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf2), mRNA [NM_133319]	15,119
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZK69] [ENSRNOT00000039927]	15,119
Pbld	Rattus norvegicus phenazine biosynthesis-like protein domain containing (Pbld), mRNA [NM_138530]	15,118
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8X2] [ENSRNOT00000066542]	15,113
Pecam1	Rattus norvegicus platelet/endothelial cell adhesion molecule 1 (Pecam1), mRNA [NM_031591]	15,112
Seli	Rattus norvegicus selenoprotein I (Seli), mRNA [NM_001134754]	15,111
Ubxn2b	Rattus norvegicus UBX domain protein 2B (Ubxn2b), mRNA [NM_001107905]	15,108
Ghrl	Rattus norvegicus ghrelin/obestatin prepropeptide (Ghrl), mRNA [NM_021669]	15,108
Cnot6l	Rattus norvegicus CCR4-NOT transcription complex, subunit 6-like (Cnot6l), mRNA [NM_001108355]	15,102
RGD1559908	PREDICTED: Rattus norvegicus similar to hypothetical protein (RGD1559908), miscRNA [XR_086058]	15,099
Scpep1	Rattus norvegicus serine carboxypeptidase 1 (Scpep1), mRNA [NM_133383]	15,099
0	Unknown	15,090
0	Unknown	15,090

Numa1	Numa1 protein [Source:UniProtKB/TrEMBL;Acc:Q4G051] [ENSRNOT00000000474]	15,088
0	RCG33933Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIT0] [ENSRNOT00000013706]	15,086
0	PREDICTED: Rattus norvegicus similar to MAP/microtubule affinity-regulating kinase 4 (MAP/microtubule affinity-regulating kinase like 1) (RGD1561231), partial mRNA [XM_001081347]	15,086
Tmem18	Rattus norvegicus transmembrane protein 18 (Tmem18), mRNA [NM_001007748]	15,082
Emx1	PREDICTED: Rattus norvegicus empty spiracles homeobox 1 (Emx1), mRNA [XM_001073769]	15,079
Rnf121	ring finger protein 121 [Source:RefSeq peptide;Acc:NP_001101010] [ENSRNOT00000027321]	15,078
Insr	Rattus norvegicus insulin receptor (Insr), mRNA [NM_017071]	15,078
0	Unknown	15,075
LOC365476	PREDICTED: Rattus norvegicus similar to chromosome 10 open reading frame 79 (LOC365476), mRNA [XM_345041]	15,072
Cdkn1b	Rattus norvegicus cyclin-dependent kinase inhibitor 1B (Cdkn1b), mRNA [NM_031762]	15,065
0	Unknown	15,063
0	Rattus norvegicus similar to 60S ribosomal protein L23a (LOC365309), mRNA [XM_344922]	15,063
Lrig2	Rattus norvegicus leucine-rich repeats and immunoglobulin-like domains 2 (Lrig2), mRNA [NM_001107710]	15,055
Gnrhr	Rattus norvegicus gonadotropin releasing hormone receptor (Gnrhr), mRNA [NM_031038]	15,054
Pvalb	Rattus norvegicus parvalbumin (Pvalb), mRNA [NM_022499]	15,053
Gucy1a3	Guanylate cyclase soluble subunit alpha-3 [Source:UniProtKB/Swiss-Prot;Acc:P19686] [ENSRNOT00000017190]	15,053
Syt1	Rattus norvegicus synaptotagmin I (Syt1), mRNA [NM_001033680]	15,052
Stmn1	Rattus norvegicus stathmin 1 (Stmn1), mRNA [NM_017166]	15,051
Agfg2	Rattus norvegicus ArfGAP with FG repeats 2 (Agfg2), mRNA [NM_001107131]	15,051
Tmod4	Rattus norvegicus tropomodulin 4 (Tmod4), mRNA [NM_001106449]	15,050
Ttc23	Rattus norvegicus tetratricopeptide repeat domain 23 (Ttc23), mRNA [NM_001025681]	15,043
Ubp1	Rattus norvegicus upstream binding protein 1 (LBP-1a) (Ubp1), mRNA [NM_001191819]	15,042
0	R-spondin-2 [Source:RefSeq peptide;Acc:NP_001124047] [ENSRNOT00000007526]	15,042
0	Unknown	15,037
Mpp3	PREDICTED: Rattus norvegicus membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3) (Mpp3), mRNA [XM_340911]	15,037
Rlbp1l2	Rattus norvegicus retinaldehyde binding protein 1-like 2 (Rlbp1l2), mRNA [NM_001108459]	15,034
0	Unknown	15,034
0	Unknown	15,033
Mapkap1	Rattus norvegicus mitogen-activated protein kinase associated protein 1 (Mapkap1), mRNA [NM_001011964]	15,032
Fam194a	Rattus norvegicus family with sequence similarity 194, member A (Fam194a), mRNA [NM_001024300]	15,032
Col3a1	Rattus norvegicus collagen, type III, alpha 1 (Col3a1), mRNA [NM_032085]	15,029
Tshz3	Rattus norvegicus teashirt zinc finger homeobox 3 (Tshz3), mRNA [NM_001107506]	15,027
Il1rap	Rattus norvegicus interleukin 1 receptor accessory protein (Il1rap), transcript variant 2, mRNA [NM_001167840]	15,022

0	Ubiquitin carboxyl-terminal hydrolase [Source:UniProtKB/TrEMBL;Acc:D3ZGB0] [ENSRNOT00000003800]	15,018
Fam13b1	Rattus norvegicus family with sequence similarity 13, member B1 (Fam13b1), mRNA [NM_001106158]	15,018
0	HECT domain containing 2 Gene [Source:MGI Symbol;Acc:MGI:2442663] [ENSRNOT00000024963]	15,017
Ttl13	Rattus norvegicus tubulin tyrosine ligase-like family, member 13 (Ttl13), mRNA [NM_001134962]	15,006
LOC688786	Rattus norvegicus similar to CG14483-PA (LOC688786), mRNA [NM_001195245]	15,006
0	Unknown	15,005
0	Unknown	15,005
0	Unknown	15,004
Vom1r54	Rattus norvegicus vomeronasal 1 receptor 54 (Vom1r54), mRNA [NM_001008963]	15,002
Osbp17	Rattus norvegicus oxysterol binding protein-like 7 (Osbp17), mRNA [NM_001107044]	15,000
Samd5	Rattus norvegicus sterile alpha motif domain containing 5 (Samd5), mRNA [NM_001108901]	14,996
0	Unknown	14,993
LOC679199	PREDICTED: Rattus norvegicus similar to LanC lantibiotic synthetase component C-like 3 (LOC679199), mRNA [XM_001055199]	14,991
0	Unknown	14,986
Glb1l	Rattus norvegicus galactosidase, beta 1-like (Glb1l), mRNA [NM_001127529]	14,984
nod3l	Rattus norvegicus NOD3-like protein (nod3l), mRNA [NM_001024360]	14,982
Znf467	Rattus norvegicus zinc finger protein 467 (Znf467), mRNA [NM_001024327]	14,982
Brd3	Rattus norvegicus bromodomain containing 3 (Brd3), mRNA [NM_001108575]	14,976
Epn2	Rattus norvegicus epsin 2 (Epn2), transcript variant 2, mRNA [NM_001033914]	14,974
Olr1431	Rattus norvegicus olfactory receptor 1431 (Olr1431), mRNA [NM_001000778]	14,974
RGD1305689	Rattus norvegicus similar to DNA segment, Chr 14, ERATO Doi 449, expressed (RGD1305689), mRNA [NM_001008297]	14,973
Plxnd1	Rattus norvegicus plexin D1 (Plxnd1), mRNA [NM_001107881]	14,973
0	Rattus norvegicus similar to 60S ribosomal protein L10 (QM protein homolog) (LOC289691), mRNA [XM_223490]	14,973
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSU2] [ENSRNOT00000023777]	14,971
Stard13	Rattus norvegicus StAR-related lipid transfer (START) domain containing 13 (Stard13), mRNA [NM_001109060]	14,971
Zwilch	PREDICTED: Rattus norvegicus Zwilch, kinetochore associated, homolog (Drosophila) (Zwilch), mRNA [XM_001078534]	14,970
Bpgm	Rattus norvegicus 2,3-bisphosphoglycerate mutase (Bpgm), mRNA [NM_199382]	14,969
Kdm5b	Rattus norvegicus lysine (K)-specific demethylase 5B (Kdm5b), mRNA [NM_001107177]	14,967
0	Unknown	14,966
Sparc	Rattus norvegicus secreted protein, acidic, cysteine-rich (osteonectin) (Sparc), mRNA [NM_012656]	14,963
Pcdhb10	Rattus norvegicus protocadherin beta 10 (Pcdhb10), mRNA [NM_001114603]	14,963
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC288024), mRNA [XM_221353]	14,962
0	neurobeachin Gene [Source:MGI Symbol;Acc:MGI:1347075] [ENSRNOT00000020916]	14,955

LOC687611	PREDICTED: Rattus norvegicus similar to transmembrane protein induced by tumor necrosis factor alpha (LOC687611), mRNA [XM_001079386]	14,952
Crip2	Rattus norvegicus cysteine-rich protein 2 (Crip2), mRNA [NM_022501]	14,949
Tsc22d2	Rattus norvegicus TSC22 domain family, member 2 (Tsc22d2), mRNA [NM_001191960]	14,947
Acap2	Rattus norvegicus ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 (Acap2), mRNA [NM_001034006]	14,946
0	Rattus norvegicus chromosome 8, 32 clones, strain BN/SsNHsdMCW RNOR03312986, whole genome shotgun sequence [AABR03063211]	14,944
Zfp148	Rattus norvegicus zinc finger protein 148 (Zfp148), mRNA [NM_031615]	14,944
Stard7	Rattus norvegicus StAR-related lipid transfer (START) domain containing 7 (Stard7), mRNA [NM_001106503]	14,943
LOC688778	PREDICTED: Rattus norvegicus similar to fatty aldehyde dehydrogenase-like (LOC688778), mRNA [XM_001068253]	14,940
Neu3	Rattus norvegicus sialidase 3 (membrane sialidase) (Neu3), mRNA [NM_054010]	14,937
0	Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC287855), mRNA [XM_221162]	14,936
Ubqln4	Rattus norvegicus ubiquilin 4 (Ubqln4), mRNA [NM_001107688]	14,932
LOC686143	PREDICTED: Rattus norvegicus similar to keratinocytes proline-rich protein, transcript variant 1 (LOC686143), mRNA [XM_001066677]	14,932
Slc1a2	Rattus norvegicus solute carrier family 1 (glial high affinity glutamate transporter), member 2 (Slc1a2), transcript variant 1, mRNA [NM_017215]	14,930
0	Unknown	14,928
0	Q87X10_PSESM (Q87X10) Cobalamin synthesis protein/P47K family protein, partial (7%) [TC596564]	14,924
0	Unknown	14,924
0	Unknown	14,919
Garnl4	Rattus norvegicus GTPase activating Rap/RanGAP domain-like 4 (Garnl4), mRNA [NM_001107019]	14,916
Fam63b	PREDICTED: Rattus norvegicus family with sequence similarity 63, member B, transcript variant 1 (Fam63b), mRNA [XM_001054973]	14,914
Dlx4	Rattus norvegicus distal-less homeobox 4 (Dlx4), mRNA [NM_001107040]	14,908
Cks1b	Rattus norvegicus CDC28 protein kinase regulatory subunit 1B (Cks1b), mRNA [NM_001135749]	14,907
Stxbp4	Rattus norvegicus syntaxin binding protein 4 (Stxbp4), mRNA [NM_001107038]	14,907
Ep400	Rattus norvegicus E1A binding protein p400 (Ep400), mRNA [NM_001107149]	14,905
Golga2	Rattus norvegicus golgi autoantigen, golgin subfamily a, 2 (Golga2), mRNA [NM_022596]	14,903
Atf2	Rattus norvegicus activating transcription factor 2 (Atf2), mRNA [NM_031018]	14,902
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1U8] [ENSRNOT00000007843]	14,901
Map6	Rattus norvegicus microtubule-associated protein 6 (Map6), mRNA [NM_017204]	14,901
0	Unknown	14,898
Rgs4	Rattus norvegicus regulator of G-protein signaling 4 (Rgs4), mRNA [NM_017214]	14,895
Prlh	Rattus norvegicus prolactin releasing hormone (Prlh), mRNA [NM_022222]	14,894
Efna1	Rattus norvegicus ephrin A1 (Efna1), mRNA [NM_053599]	14,892
Olr386	Rattus norvegicus olfactory receptor 386 (Olr386), mRNA [NM_001000856]	14,890
Jarid1a	PREDICTED: Rattus norvegicus jumonji, AT rich interactive domain 1A (Rbp2 like) (Jarid1a), mRNA [XM_002729425]	14,890
0	Unknown	14,888

RGD1309414	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG24] [ENSRNOT00000012696]	14,886
Lrrc58	Rattus norvegicus leucine rich repeat containing 58 (Lrrc58), mRNA [NM_001195558]	14,882
0	Unknown	14,879
Itgb8	Rattus norvegicus integrin, beta 8 (Itgb8), mRNA [NM_001108726]	14,877
Zfp94	Rattus norvegicus zinc finger protein 94 (Zfp94), mRNA [NM_001037212]	14,871
Gck	Rattus norvegicus glucokinase (Gck), mRNA [NM_012565]	14,869
Slc12a5	Rattus norvegicus solute carrier family 12 (potassium-chloride transporter), member 5 (Slc12a5), mRNA [NM_134363]	14,868
Upk1a	Rattus norvegicus uroplakin 1A (Upk1a), mRNA [NM_001108911]	14,866
Tceb2	Rattus norvegicus transcription elongation factor B (SIII), polypeptide 2 (Tceb2), mRNA [NM_031129]	14,865
0	Unknown	14,865
RGD1564379	Rattus norvegicus RGD1564379 (RGD1564379), mRNA [NM_001126295]	14,855
Bcl7c	Rattus norvegicus B-cell CLL/lymphoma 7C (Bcl7c), mRNA [NM_001106298]	14,854
Nkd2	Rattus norvegicus naked cuticle homolog 2 (Drosophila) (Nkd2), mRNA [NM_001107454]	14,851
0	Unknown	14,850
0	Q8R4C3_CRIGR (Q8R4C3) Csr1, partial (32%) [TC596558]	14,845
Olr1227	Rattus norvegicus olfactory receptor 1227 (Olr1227), mRNA [NM_001000443]	14,843
Ybx1	Rattus norvegicus Y box binding protein 1 (Ybx1), mRNA [NM_031563]	14,840
0	probable histone-lysine N-methyltransferase NSD2 [Source:RefSeq peptide;Acc:NP_001178481] [ENSRNOT00000050238]	14,838
Pacsin1	Rattus norvegicus protein kinase C and casein kinase substrate in neurons 1 (Pacsin1), mRNA [NM_017294]	14,833
Kif1b	Rattus norvegicus kinesin family member 1B (Kif1b), mRNA [NM_057200]	14,833
Flywch1	PREDICTED: Rattus norvegicus FLYWCH-type zinc finger 1 (Flywch1), mRNA [XM_001056224]	14,831
Ghr	Rattus norvegicus growth hormone receptor (Ghr), mRNA [NM_017094]	14,826
Spinlw1	Rattus norvegicus serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin) (Spinlw1), mRNA [NM_001109457]	14,826
0	Unknown	14,822
Trappc1	Rattus norvegicus trafficking protein particle complex 1 (Trappc1), mRNA [NM_001039378]	14,819
0	Unknown	14,818
0	Unknown	14,816
Dmtf1	Rattus norvegicus cyclin D binding myb-like transcription factor 1 (Dmtf1), mRNA [NM_053693]	14,814
0	Unknown	14,812
Cdig2	Rattus norvegicus Cdig2 protein (Cdig2), mRNA [NM_153624]	14,809
Fat4	Rattus norvegicus FAT tumor suppressor homolog 4 (Drosophila) (Fat4), mRNA [NM_001191705]	14,809
RGD1311739	Rattus norvegicus similar to RIKEN cDNA 1700037H04 (RGD1311739), mRNA [NM_001025691]	14,804
Aqp4	Rattus norvegicus aquaporin 4 (Aqp4), transcript variant 2, mRNA [NM_001142366]	14,804
Kcnc4	Rattus norvegicus potassium voltage gated channel, Shaw-related subfamily, member 4 (Kcnc4), mRNA [NM_001122776]	14,803

Ubl5	Rattus norvegicus ubiquitin-like 5 (Ubl5), mRNA [NM_001048243]	14,799
Gipc1	Rattus norvegicus GIPC PDZ domain containing family, member 1 (Gipc1), mRNA [NM_053341]	14,798
App	Rattus norvegicus amyloid beta (A4) precursor protein (App), mRNA [NM_019288]	14,797
Best1	Rattus norvegicus bestrophin 1 (Best1), mRNA [NM_001011940]	14,795
0	RCG37698, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAY1] [ENSRNOT00000037022]	14,795
Csnk1g3	Rattus norvegicus casein kinase 1, gamma 3 (Csnk1g3), mRNA [NM_022855]	14,793
RGD1566001	Rattus norvegicus similar to DNA segment, Chr 4, Brigham & Womens Genetics 0951 expressed (RGD1566001), mRNA [NM_001109263]	14,787
Grm1	Rattus norvegicus glutamate receptor, metabotropic 1 (Grm1), transcript variant 1, mRNA [NM_017011]	14,787
Xpnpep1	Rattus norvegicus X-prolyl aminopeptidase (aminopeptidase P) 1, soluble (Xpnpep1), mRNA [NM_131913]	14,785
Klhl26	Rattus norvegicus kelch-like 26 (Drosophila) (Klhl26), mRNA [NM_001106075]	14,785
Csnk2a1	Rattus norvegicus casein kinase 2, alpha 1 polypeptide (Csnk2a1), mRNA [NM_053824]	14,784
LOC681380	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4b (LOC681380), mRNA [XM_002727269]	14,780
LOC681647	PREDICTED: Rattus norvegicus similar to F43G9.2 (LOC681647), mRNA [XM_001057182]	14,778
Rtn4rl2	Rattus norvegicus reticulon 4 receptor-like 2 (Rtn4rl2), mRNA [NM_181380]	14,777
Bmi1	Rattus norvegicus Bmi1 polycomb ring finger oncogene (Bmi1), mRNA [NM_001107368]	14,777
Dusp22	Rattus norvegicus dual specificity phosphatase 22 (Dusp22), mRNA [NM_001108412]	14,772
Clec2l	Rattus norvegicus C-type lectin domain family 2, member L (Clec2l), mRNA [NM_001044233]	14,771
Flrt2	Rattus norvegicus fibronectin leucine rich transmembrane protein 2 (Flrt2), mRNA [NM_001106750]	14,770
Lrch1	Rattus norvegicus leucine-rich repeats and calponin homology (CH) domain containing 1 (Lrch1), mRNA [NM_001134727]	14,765
Bbx	Rattus norvegicus bobby sox homolog (Drosophila) (Bbx), mRNA [NM_001079938]	14,763
Pbxip1	Rattus norvegicus pre-B-cell leukemia homeobox interacting protein 1 (Pbxip1), mRNA [NM_001100976]	14,763
Gng12	Guanine nucleotide binding protein gamma 12 subunit [Source:UniProtKB/TrEMBL;Acc:O35359] [ENSRNOT00000007403]	14,761
Entpd2	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 2 (Entpd2), mRNA [NM_172030]	14,760
Pcdhgb7	Rattus norvegicus protocadherin gamma subfamily B, 7 (Pcdhgb7), mRNA [NM_001012215]	14,757
Tcea1	Rattus norvegicus transcription elongation factor A (SII) 1 (Tcea1), mRNA [NM_001025735]	14,756
Haus1	HAUS augmin-like complex subunit 1 [Source:UniProtKB/Swiss-Prot;Acc:Q9R0A8] [ENSRNOT00000023101]	14,753
Lix1	Rattus norvegicus Lix1 homolog (chicken) (Lix1), mRNA [NM_001106214]	14,750
0	Unknown	14,749
Srd5a2	Rattus norvegicus steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2) (Srd5a2), mRNA [NM_022711]	14,749
Unc5a	Rattus norvegicus unc-5 homolog A (C. elegans) (Unc5a), mRNA [NM_022206]	14,745
Fam160b2	Rattus norvegicus family with sequence similarity 160, member B2 (Fam160b2), mRNA [NM_001170474]	14,744
Rspo3	Rattus norvegicus R-spondin 3 homolog (Xenopus laevis) (Rspo3), mRNA [NM_001100990]	14,742
Hps4	Rattus norvegicus Hermansky-Pudlak syndrome 4 homolog (human) (Hps4), mRNA [NM_001107148]	14,740

Gigyf1	Rattus norvegicus GRB10 interacting GYF protein 1 (Gigyf1), mRNA [NM_001107133]	14,739
0	Stathmin [Source:UniProtKB/TrEMBL;Acc:D3Z8V0] [ENSRNOT00000050325]	14,737
Ak3	Rattus norvegicus adenylate kinase 3 (Ak3), nuclear gene encoding mitochondrial protein, mRNA [NM_013218]	14,729
Slc16a2	Rattus norvegicus solute carrier family 16, member 2 (monocarboxylic acid transporter 8) (Slc16a2), mRNA [NM_147216]	14,726
0	Unknown	14,726
LOC680160	PREDICTED: Rattus norvegicus similar to keratin associated protein 4-7, transcript variant 2 (LOC680160), mRNA [XM_001055726]	14,726
Eno1	Rattus norvegicus enolase 1, (alpha) (Eno1), transcript variant 2, mRNA [NM_001109908]	14,724
Msl2	PREDICTED: Rattus norvegicus male-specific lethal 2-like 1 (Drosophila) (Msl2l1), mRNA [XM_236567]	14,721
Mmd2	Rattus norvegicus monocyte to macrophage differentiation-associated 2 (Mmd2), mRNA [NM_001037217]	14,716
Znf213	Rattus norvegicus zinc finger protein 213 (Znf213), mRNA [NM_001105764]	14,715
Gnptab	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJS1] [ENSRNOT00000006946]	14,715
Bcdin3d	Rattus norvegicus BCDIN3 domain containing (Bcdin3d), mRNA [NM_001108751]	14,715
Pggt1b	Rattus norvegicus protein geranylgeranyltransferase type I, beta subunit (Pggt1b), mRNA [NM_031082]	14,714
Lrfn5	Rattus norvegicus leucine rich repeat and fibronectin type III domain containing 5 (Lrfn5), mRNA [NM_001108024]	14,714
Znf703	Rattus norvegicus zinc finger protein 703 (Znf703), mRNA [NM_001109425]	14,713
Fam118a	Rattus norvegicus family with sequence similarity 118, member A (Fam118a), mRNA [NM_001173336]	14,713
0	predicted gene 6924 Gene [Source:MGI Symbol;Acc:MGI:3647600] [ENSRNOT00000043774]	14,706
Lhfpl4	Rattus norvegicus lipoma HMGIC fusion partner-like 4 (Lhfpl4), mRNA [NM_181387]	14,706
LOC100366258	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZL26] [ENSRNOT00000051182]	14,704
Mertk	Rattus norvegicus c-mer proto-oncogene tyrosine kinase (Mertk), mRNA [NM_022943]	14,703
Ube2k	Rattus norvegicus ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast) (Ube2k), mRNA [NM_001106006]	14,703
Hspa12a	Rattus norvegicus heat shock protein 12A (Hspa12a), mRNA [NM_001107445]	14,696
RGD1304728	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNS7] [ENSRNOT00000018808]	14,694
Chkb	Rattus norvegicus choline kinase beta (Chkb), mRNA [NM_017177]	14,692
Gstcd	Rattus norvegicus glutathione S-transferase, C-terminal domain containing (Gstcd), mRNA [NM_001107725]	14,691
Prkd3	Rattus norvegicus protein kinase D3 (Prkd3), mRNA [NM_001024263]	14,689
Pold4	Rattus norvegicus polymerase (DNA-directed), delta 4 (Pold4), mRNA [NM_001013195]	14,689
RGD1565785	Rattus norvegicus similar to chromosome X open reading frame 21 (RGD1565785), mRNA [NM_001109318]	14,687
Tnfrsf21	Rattus norvegicus tumor necrosis factor receptor superfamily, member 21 (Tnfrsf21), mRNA [NM_001108207]	14,684
Wdr5	Rattus norvegicus WD repeat domain 5 (Wdr5), mRNA [NM_001039034]	14,684
0	Nuclear receptor corepressor 1 [Source:UniProtKB/Swiss-Prot;Acc:Q9WUB5] [ENSRNOT00000057679]	14,680
Cd320	Rattus norvegicus CD320 molecule (Cd320), mRNA [NM_001014201]	14,680
Hgf	Rattus norvegicus hepatocyte growth factor (Hgf), mRNA [NM_017017]	14,676
Hcrtr1	Rattus norvegicus hypocretin (orexin) receptor 1 (Hcrtr1), mRNA [NM_013064]	14,676

Rhoj	Rattus norvegicus ras homolog gene family, member J (Rhoj), mRNA [NM_001008320]	14,676
Dlx5	Rattus norvegicus distal-less homeobox 5 (Dlx5), mRNA [NM_012943]	14,676
0	Unknown	14,672
Prr14	PREDICTED: Rattus norvegicus proline rich 14 (Prr14), mRNA [XM_001080025]	14,671
Unc5c	Rattus norvegicus unc-5 homolog C (C. elegans) (Unc5c), mRNA [NM_199407]	14,657
Acot2	Rattus norvegicus acyl-CoA thioesterase 2 (Acot2), nuclear gene encoding mitochondrial protein, mRNA [NM_138907]	14,657
0	Unknown	14,648
Fam129b	Rattus norvegicus family with sequence similarity 129, member B (Fam129b), mRNA [NM_001109885]	14,645
Braf	V-raf murine sarcoma viral oncogene B1-like protein [Source:UniProtKB/TrEMBL;Acc:Q99MC6] [ENSRNOT00000014604]	14,644
LOC685125	Rattus norvegicus cDNA clone IMAGE:7132976. [BC166431]	14,644
Usp24	Putative uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:Q4G007] [ENSRNOT00000029228]	14,643
Tex19	Rattus norvegicus testis expressed 19 (Tex19), mRNA [NM_001109622]	14,641
RGD1560784	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZL45] [ENSRNOT00000049864]	14,637
Ubap1	Rattus norvegicus ubiquitin-associated protein 1 (Ubap1), mRNA [NM_001012190]	14,635
Sumo2	Rattus norvegicus SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae) (Sumo2), mRNA [NM_133594]	14,633
Mtap	Rattus norvegicus methylthioadenosine phosphorylase (Mtap), mRNA [NM_001047867]	14,631
Cpeb3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9M2] [ENSRNOT00000047387]	14,627
Zfp174	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNW1] [ENSRNOT00000010059]	14,627
Jagn1	Rattus norvegicus jagunal homolog 1 (Drosophila) (Jagn1), mRNA [NM_001044272]	14,627
Fbxo3	Rattus norvegicus F-box protein 3 (Fbxo3), mRNA [NM_001109606]	14,626
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE14] [ENSRNOT00000027981]	14,623
Ccl24	Rattus norvegicus chemokine (C-C motif) ligand 24 (Ccl24), mRNA [NM_001013045]	14,623
Giyd2	Rattus norvegicus GIY-YIG domain containing 2 (Giyd2), mRNA [NM_001009292]	14,623
0	Unknown	14,622
Ptchd1	Rattus norvegicus patched domain containing 1 (Ptchd1), mRNA [NM_001191734]	14,621
Sdr39u1	Rattus norvegicus short chain dehydrogenase/reductase family 39U, member 1 (Sdr39u1), mRNA [NM_001108378]	14,617
Srprb	Rattus norvegicus signal recognition particle receptor, B subunit (Srprb), mRNA [NM_001013252]	14,617
0	Unknown	14,617
Vgll3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ09] [ENSRNOT00000042316]	14,615
Cish	Rattus norvegicus cytokine inducible SH2-containing protein (Cish), mRNA [NM_031804]	14,613
0	PREDICTED: Rattus norvegicus similar to novel protein (RGD1560386), partial mRNA [XM_001069736]	14,611
0	Unknown	14,610
Prepl	Rattus norvegicus prolyl endopeptidase-like (Prepl), mRNA [NM_001010951]	14,607
Zdhhc8	Rattus norvegicus zinc finger, DHHC-type containing 8 (Zdhhc8), mRNA [NM_001039021]	14,605

Rogdi	Rattus norvegicus roghi homolog (Drosophila) (Rogdi), mRNA [NM_001024864]	14,604
Fxyd6	Rattus norvegicus FXYD domain-containing ion transport regulator 6 (Fxyd6), mRNA [NM_022005]	14,598
Selm	Rattus norvegicus selenoprotein M (Selm), mRNA [NM_001115013]	14,598
Ctnna2	Rattus norvegicus catenin (cadherin associated protein), alpha 2 (Ctnna2), mRNA [NM_001106598]	14,597
Chek1	Rattus norvegicus CHK1 checkpoint homolog (S. pombe) (Chek1), mRNA [NM_080400]	14,596
Zmat4	Rattus norvegicus zinc finger, matrin type 4 (Zmat4), mRNA [NM_001134747]	14,592
Ifitm1	Rattus norvegicus interferon induced transmembrane protein 1 (Ifitm1), mRNA [NM_001106314]	14,588
0	Unknown	14,587
Oaf	Rattus norvegicus OAF homolog (Drosophila) (Oaf), mRNA [NM_001014090]	14,585
0	Unknown	14,584
0	SMR1 proteinSMR1-related undecapeptideSMR1-related hexapeptideSialorphinSubmandibular gland peptide T [Source:UniProtKB/Swiss-Prot;Acc:P13432] [ENSRNOT00000002664]	14,583
Klhdc5	Rattus norvegicus kelch domain containing 5 (Klhdc5), mRNA [NM_001109257]	14,578
Gal3st3	Rattus norvegicus galactose-3-O-sulfotransferase 3 (Gal3st3), mRNA [NM_001024290]	14,577
0	Rattus norvegicus TL0AAA45YD16 mRNA sequence. [FQ213860]	14,576
Narg1	Rattus norvegicus NMDA receptor regulated 1 (Narg1), mRNA [NM_001107674]	14,576
Ptpn21	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 21 (Ptpn21), mRNA [NM_133545]	14,575
Nkain3	Rattus norvegicus Na ⁺ /K ⁺ transporting ATPase interacting 3 (Nkain3), mRNA [NM_001109540]	14,571
Lrp6	Rattus norvegicus low density lipoprotein receptor-related protein 6 (Lrp6), mRNA [NM_001107892]	14,570
RGD1304770	Rattus norvegicus similar to Na ⁺ dependent glucose transporter 1 (RGD1304770), mRNA [NM_001134547]	14,568
RGD1307155	Rattus norvegicus similar to CG18661-PA (RGD1307155), mRNA [NM_001037188]	14,563
Nop10	Rattus norvegicus NOP10 ribonucleoprotein homolog (yeast) (Nop10), mRNA [NM_001126100]	14,561
Ralbp1	Rattus norvegicus ralA binding protein 1 (Ralbp1), mRNA [NM_032067]	14,561
Hap1	Rattus norvegicus huntingtin-associated protein 1 (Hap1), transcript variant 1, mRNA [NM_024133]	14,560
Pdha1	Rattus norvegicus pyruvate dehydrogenase (lipoamide) alpha 1 (Pdha1), nuclear gene encoding mitochondrial protein, mRNA [NM_001004072]	14,560
Fdft1	Rattus norvegicus farnesyl diphosphate farnesyl transferase 1 (Fdft1), mRNA [NM_019238]	14,548
Gabarap	Rattus norvegicus GABA(A) receptor-associated protein (Gabarap), mRNA [NM_172036]	14,547
Slc6a12	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12 (Slc6a12), mRNA [NM_017335]	14,546
Mdm2	Rattus norvegicus Mdm2 p53 binding protein homolog (mouse) (Mdm2), mRNA [NM_001108099]	14,545
RGD1564482	Rattus norvegicus RGD1564482 (RGD1564482), non-coding RNA [NR_036617]	14,545
Mrps21	Rattus norvegicus mitochondrial ribosomal protein S21 (Mrps21), nuclear gene encoding mitochondrial protein, mRNA [NM_001126094]	14,539
Tapt1	PREDICTED: Rattus norvegicus transmembrane anterior posterior transformation 1 (Tapt1), mRNA [XM_001059604]	14,538
Lrrc20	Rattus norvegicus leucine rich repeat containing 20 (Lrrc20), mRNA [NM_001109171]	14,536
LOC100188936	Rattus norvegicus hypothetical protein LOC100188936 (LOC100188936), mRNA [NM_001134704]	14,536

0	Tmem216 protein [Source:UniProtKB/TrEMBL;Acc:B6ID01] [ENSRNOT00000065430]	14,535
Sprr3	Rattus norvegicus small proline-rich protein 3 (Sprr3), mRNA [NM_001107686]	14,534
Mpped2	Rattus norvegicus metallophosphoesterase domain containing 2 (Mpped2), mRNA [NM_198778]	14,534
Nhej1	Rattus norvegicus nonhomologous end-joining factor 1 (Nhej1), mRNA [NM_001014217]	14,532
Omg	Rattus norvegicus oligodendrocyte-myelin glycoprotein (Omg), mRNA [NM_001005898]	14,530
Mier2	Rattus norvegicus mesoderm induction early response 1, family member 2 (Mier2), mRNA [NM_001108737]	14,528
Sypl2	Rattus norvegicus synaptophysin-like 2 (Sypl2), mRNA [NM_001108563]	14,528
RGD1561843	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIJ2] [ENSRNOT00000045791]	14,527
Anxa10	Rattus norvegicus annexin A10 (Anxa10), mRNA [NM_001109110]	14,525
Anxa9	PREDICTED: Rattus norvegicus annexin A9 (Anxa9), mRNA [XM_002726022]	14,521
Hif3a	Rattus norvegicus hypoxia inducible factor 3, alpha subunit (Hif3a), mRNA [NM_022528]	14,521
RGD1565059	Rattus norvegicus similar to hypothetical protein E130311K13 (RGD1565059), mRNA [NM_001127562]	14,517
Fkrp	Rattus norvegicus fukutin related protein (Fkrp), mRNA [NM_001025678]	14,516
0	Unknown	14,515
Ermp1	Rattus norvegicus endoplasmic reticulum metallopeptidase 1 (Ermp1), mRNA [NM_184050]	14,515
Snrnp70	Rattus norvegicus small nuclear ribonucleoprotein 70 (U1) (Snrnp70), mRNA [NM_001108483]	14,514
Wdr45	Rattus norvegicus WD repeat domain 45 (Wdr45), mRNA [NM_001013958]	14,514
RGD1309922	Rattus norvegicus similar to 2610301G19Rik protein (RGD1309922), mRNA [NM_001170472]	14,513
Necap1	Rattus norvegicus NECAP endocytosis associated 1 (Necap1), mRNA [NM_001029919]	14,509
Kcnmb2	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M, beta member 2 (Kcnmb2), mRNA [NM_176861]	14,508
Nanos3	Rattus norvegicus nanos homolog 3 (Drosophila) (Nanos3), mRNA [NM_001105945]	14,507
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z919] [ENSRNOT00000068178]	14,505
RGD1306233	Rattus norvegicus similar to hypothetical protein MGC29761 (RGD1306233), mRNA [NM_001106564]	14,504
Cln5	Rattus norvegicus ceroid-lipofuscinosis, neuronal 5 (Cln5), mRNA [NM_001191689]	14,502
Atpaf1	Rattus norvegicus ATP synthase mitochondrial F1 complex assembly factor 1 (Atpaf1), nuclear gene encoding mitochondrial protein, mRNA [NM_001107959]	14,501
Ccrn4l	Rattus norvegicus CCR4 carbon catabolite repression 4-like (S. cerevisiae) (Ccrn4l), mRNA [NM_138526]	14,499
Lpcat4	Rattus norvegicus lysophosphatidylcholine acyltransferase 4 (Lpcat4), mRNA [NM_001106494]	14,497
0	Unknown	14,488
KIFC2	Rattus norvegicus kinesin family member C2 (KIFC2), mRNA [NM_198752]	14,487
Mapk9	Rattus norvegicus mitogen-activated protein kinase 9 (Mapk9), mRNA [NM_017322]	14,486
0	Unknown	14,485
Epdr1	Rattus norvegicus ependymin related protein 1 (zebrafish) (Epdr1), mRNA [NM_001007625]	14,484
Kcna2	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, member 2 (Kcna2), mRNA [NM_012970]	14,477

Tmem67	Rattus norvegicus transmembrane protein 67 (Tmem67), mRNA [NM_001107916]	14,477
Spry2	Rattus norvegicus sprouty homolog 2 (Drosophila) (Spry2), mRNA [NM_001012046]	14,475
Cdh23	Rattus norvegicus cadherin 23 (otocadherin) (Cdh23), mRNA [NM_053644]	14,471
Tril	Rattus norvegicus TLR4 interactor with leucine-rich repeats (Tril), mRNA [NM_001034010]	14,464
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSM9] [ENSRNOT00000001661]	14,456
Hoxc5	Rattus norvegicus homeo box C5 (Hoxc5), mRNA [NM_001108116]	14,454
0	CB544318 AMGNNUC:NRDG1-00127-B11-A nrdg1 (10855) Rattus norvegicus cDNA clone nrdg1-00127-b11 5', mRNA sequence [CB544318]	14,453
Olr1405	Rattus norvegicus olfactory receptor 1405 (Olr1405), mRNA [NM_001001012]	14,448
Gapdh	Rattus norvegicus glyceraldehyde-3-phosphate dehydrogenase (Gapdh), mRNA [NM_017008]	14,447
Zdhhc18	Rattus norvegicus zinc finger, DHHC-type containing 18 (Zdhhc18), mRNA [NM_001039339]	14,447
Dbp	Rattus norvegicus D site of albumin promoter (albumin D-box) binding protein (Dbp), mRNA [NM_012543]	14,443
0	Unknown	14,442
Zdbf2	PREDICTED: Rattus norvegicus zinc finger, DBF-type containing 2 (Zdbf2), mRNA [XM_576579]	14,442
Zfp141	PREDICTED: Rattus norvegicus similar to zinc finger protein 420 (LOC690343), mRNA [XM_001074160]	14,440
Fstl3	Follistatin-related protein 3 [Source:UniProtKB/Swiss-Prot;Acc:Q99PW7] [ENSRNOT00000012578]	14,440
Fam86a	Rattus norvegicus family with sequence similarity 86, member A (Fam86a), mRNA [NM_001106975]	14,439
Ankrd13c	Rattus norvegicus ankyrin repeat domain 13C (Ankrd13c), mRNA [NM_001191570]	14,436
0	Q6IE24_RAT (Q6IE24) Ubiquitin specific protease 54, complete [TC592916]	14,435
Ubxn8	Rattus norvegicus UBX domain protein 8 (Ubxn8), mRNA [NM_001106086]	14,434
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMD5] [ENSRNOT00000056810]	14,429
Ppp2r2c	Rattus norvegicus protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma isoform (Ppp2r2c), mRNA [NM_057116]	14,426
Bag2	Rattus norvegicus Bcl2-associated athanogene 2 (Bag2), mRNA [NM_001128195]	14,424
Scd	Rattus norvegicus stearoyl-CoA desaturase (delta-9-desaturase) (Scd), mRNA [NM_031841]	14,423
Ears2	Rattus norvegicus glutamyl-tRNA synthetase 2 mitochondrial (putative) (Ears2), nuclear gene encoding mitochondrial protein, mRNA [NM_001159493]	14,423
Rfx3	Rattus norvegicus regulatory factor X, 3 (influences HLA class II expression) (Rfx3), mRNA [NM_001012172]	14,419
Tubgcp3	Rattus norvegicus tubulin, gamma complex associated protein 3 (Tubgcp3), mRNA [NM_001107323]	14,418
Cntn2	Rattus norvegicus contactin 2 (axonal) (Cntn2), mRNA [NM_012884]	14,416
Trim25	Rattus norvegicus tripartite motif-containing 25 (Trim25), mRNA [NM_001009536]	14,410
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAT9] [ENSRNOT00000013599]	14,409
RGD1307443	Rattus norvegicus similar to mKIAA0319 protein (RGD1307443), mRNA [NM_001197023]	14,409
Zbtb25	Rattus norvegicus zinc finger and BTB domain containing 25 (Zbtb25), mRNA [NM_199496]	14,408
Thrsp	Rattus norvegicus thyroid hormone responsive (Thrsp), mRNA [NM_012703]	14,407
Insr	Rattus norvegicus insulin receptor (Insr), mRNA [NM_017071]	14,404

0	PREDICTED: Rattus norvegicus similar to procollagen, type IV, alpha 6 (LOC363458), partial miscRNA [XR_086365]	14,404
Eci3	Rattus norvegicus enoyl-Coenzyme A delta isomerase 3 (Eci3), mRNA [NM_001009275]	14,401
0	Unknown	14,400
Wipi1	Rattus norvegicus WD repeat domain, phosphoinositide interacting 1 (Wipi1), mRNA [NM_001127297]	14,400
Cacna1a	Rattus norvegicus calcium channel, voltage-dependent, P/Q type, alpha 1A subunit (Cacna1a), mRNA [NM_012918]	14,399
Kcnh7	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 7 (Kcnh7), mRNA [NM_131912]	14,396
0	LRRG00114LRRGT00001 [Source:UniProtKB/TrEMBL;Acc:Q6QI94] [ENSRNOT00000046112]	14,395
0	Unknown	14,389
Mmp15	Rattus norvegicus matrix metalloproteinase 15 (Mmp15), mRNA [NM_001106168]	14,389
0	Unknown	14,382
Rasa3	Rattus norvegicus mRNA for R-ras GTPase activating protein, partial cds. [AB028626]	14,381
Atp2b1	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 1 (Atp2b1), mRNA [NM_053311]	14,381
Snai3	Rattus norvegicus snail homolog 3 (Drosophila) (Snai3), mRNA [NM_001107439]	14,379
Prom1	Rattus norvegicus prominin 1 (Prom1), transcript variant 1, mRNA [NM_021751]	14,379
Atf4	Rattus norvegicus activating transcription factor 4 (tax-responsive enhancer element B67) (Atf4), mRNA [NM_024403]	14,377
Mettl7a	Rattus norvegicus methyltransferase like 7A (Mettl7a), mRNA [NM_001037355]	14,377
0	ATP synthase subunit a [Source:UniProtKB/Swiss-Prot;Acc:P05504] [ENSRNOT00000046108]	14,374
Cpne6	Rattus norvegicus copine VI (Cpne6), mRNA [NM_001191113]	14,371
0	Unknown	14,370
0	Unknown	14,369
Pcdhb4	Rattus norvegicus protocadherin beta 4 (Pcdhb4), mRNA [NM_001114601]	14,367
Rtbdn	Rattus norvegicus retbindin (Rtbdn), mRNA [NM_001107165]	14,366
Pfkl	Rattus norvegicus phosphofructokinase, liver (Pfkl), mRNA [NM_013190]	14,366
Itga10	Rattus norvegicus integrin, alpha 10 (Itga10), mRNA [NM_001107699]	14,365
0	Unknown	14,363
LOC680549	Rattus norvegicus TL0ADA40YE19 mRNA sequence. [FQ221048]	14,361
Leng1	Rattus norvegicus leukocyte receptor cluster (LRC) member 1 (Leng1), mRNA [NM_001106218]	14,361
0	Unknown	14,357
Rag1ap1	Rattus norvegicus recombination activating gene 1 activating protein 1 (Rag1ap1), mRNA [NM_001106445]	14,357
0	AW143110 EST293406 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RGIBD54 5' end, mRNA sequence [AW143110]	14,357
Rab34	Rattus norvegicus RAB34, member RAS oncogene family (Rab34), mRNA [NM_001012140]	14,356
Lyplal1	Rattus norvegicus lysophospholipase-like 1 (Lyplal1), mRNA [NM_001105986]	14,354
Gulp1	Rattus norvegicus GULP, engulfment adaptor PTB domain containing 1 (Gulp1), mRNA [NM_001013171]	14,351
LOC681766	Rattus norvegicus hypothetical protein LOC681766 (LOC681766), mRNA [NM_001163562]	14,351

Dda1	Rattus norvegicus DET1 and DDB1 associated 1 (Dda1), mRNA [NM_001134790]	14,348
Mef2b	Rattus norvegicus myocyte enhancer factor 2B (Mef2b), mRNA [NM_001017507]	14,346
LOC302680	Rattus norvegicus similar to CXORF15 (LOC302680), mRNA [NM_001037187]	14,339
Vom1r55	Rattus norvegicus vomeronasal 1 receptor 55 (Vom1r55), mRNA [NM_001166763]	14,338
Kcnk2	Rattus norvegicus potassium channel, subfamily K, member 2 (Kcnk2), transcript variant 1, mRNA [NM_172041]	14,336
0	Unknown	14,335
Ube2q2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1G2] [ENSRNOT00000019539]	14,331
0	inverted formin, FH2 and WH2 domain containing Gene [Source:MGI Symbol;Acc:MGI:1917685] [ENSRNOT00000031962]	14,331
Slc26a10	solute carrier family 26 member 10 [Source:RefSeq peptide;Acc:NP_001128067] [ENSRNOT00000052288]	14,327
Prtg	Rattus norvegicus protogenin homolog (Gallus gallus) (Prtg), mRNA [NM_001037651]	14,327
Foxk1	Rattus norvegicus forkhead box K1 (Foxk1), mRNA [NM_001037219]	14,326
Tyrobp	Rattus norvegicus Tyro protein tyrosine kinase binding protein (Tyrobp), mRNA [NM_212525]	14,325
0	Q53UD0_BRABE (Q53UD0) Paired box protein Pax2/5/8 (Fragment), partial (9%) [TC618096]	14,323
Gpd1	Rattus norvegicus glycerol-3-phosphate dehydrogenase 1 (soluble) (Gpd1), mRNA [NM_022215]	14,321
Ugt1a9	Rattus norvegicus UDP glucuronosyltransferase 1 family, polypeptide A9 (Ugt1a9), mRNA [NM_201425]	14,321
RGD1565693	PREDICTED: Rattus norvegicus similar to GLE1-like, RNA export mediator isoform 1 (RGD1565693), mRNA [XM_001059991]	14,319
Cnr1	Rattus norvegicus cannabinoid receptor 1 (brain) (Cnr1), mRNA [NM_012784]	14,319
Rab7b	Rattus norvegicus Rab7b, member RAS oncogene family (Rab7b), mRNA [NM_001109328]	14,318
Cdh4	PREDICTED: Rattus norvegicus cadherin 4 (Cdh4), mRNA [XM_001061943]	14,314
Bpil1	Rattus norvegicus bactericidal/permeability-increasing protein-like 1 (Bpil1), mRNA [NM_001106531]	14,314
0	Unknown	14,312
Maob	Rattus norvegicus monoamine oxidase B (Maob), nuclear gene encoding mitochondrial protein, mRNA [NM_013198]	14,311
RGD1311946	Rattus norvegicus similar to RIKEN cDNA 1810055G02 (RGD1311946), mRNA [NM_001025683]	14,311
Krcc1	Rattus norvegicus lysine-rich coiled-coil 1 (Krcc1), mRNA [NM_001009413]	14,310
0	Unknown	14,309
0	Rattus norvegicus similar to Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) (LOC293022), mRNA [XM_218807]	14,305
0	ADAMTS-like 5 (Predicted), isoform CRA_cUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG32] [ENSRNOT00000042159]	14,304
0	Unknown	14,300
Sod2	Rattus norvegicus superoxide dismutase 2, mitochondrial (Sod2), nuclear gene encoding mitochondrial protein, mRNA [NM_017051]	14,299
RGD1308154	PREDICTED: Rattus norvegicus similar to CG11388-PA (RGD1308154), mRNA [XM_344027]	14,295
Zmynd11	Rattus norvegicus zinc finger, MYND domain containing 11 (Zmynd11), transcript variant 2, mRNA [NM_203367]	14,294
Btnl5	Rattus norvegicus butyrophilin-like 5 (Btnl5), mRNA [NM_001166351]	14,293
Abhd3	Rattus norvegicus abhydrolase domain containing 3 (Abhd3), mRNA [NM_001106162]	14,292
Fmnl1	Rattus norvegicus formin-like 1 (Fmnl1), mRNA [NM_001105846]	14,290

Ednrb	Rattus norvegicus endothelin receptor type B (Ednrb), mRNA [NM_017333]	14,290
0	Q7TQF0_MOUSE (Q7TQF0) Nid2 protein, partial (17%) [TC601702]	14,290
Rnf180	Rattus norvegicus ring finger protein 180 (Rnf180), mRNA [NM_001134986]	14,284
0	Unknown	14,277
RGD1311703	Rattus norvegicus similar to sid2057p (RGD1311703), mRNA [NM_001013898]	14,277
Ripk1	Rattus norvegicus receptor (TNFRSF)-interacting serine-threonine kinase 1 (Ripk1), mRNA [NM_001107350]	14,276
Alpi	Rattus norvegicus alkaline phosphatase, intestinal (Alpi), mRNA [NM_022665]	14,275
Gtf2e1	Rattus norvegicus general transcription factor IIE, polypeptide 1 (alpha subunit) (Gtf2e1), mRNA [NM_001100556]	14,274
0	Unknown	14,269
Clasp1	PREDICTED: Rattus norvegicus cytoplasmic linker associated protein 1 (Clasp1), mRNA [XM_001053715]	14,268
0	Unknown	14,266
Gpr146	Rattus norvegicus G protein-coupled receptor 146 (Gpr146), mRNA [NM_001109062]	14,265
RGD1563941	Rattus norvegicus similar to hypothetical protein FLJ20010 (RGD1563941), mRNA [NM_001109293]	14,264
Galntl6	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 6 (Galntl6), mRNA [NM_001135756]	14,263
0	Unknown	14,261
RGD1307222	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKG9] [ENSRNOT00000003687]	14,259
C2cd2l	Rattus norvegicus C2 calcium-dependent domain containing 2-like (C2cd2l), mRNA [NM_001011996]	14,257
Dnajc15	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 15 (Dnajc15), mRNA [NM_001106050]	14,255
Ppp2r4	Rattus norvegicus protein phosphatase 2A activator, regulatory subunit 4 (Ppp2r4), mRNA [NM_001108577]	14,251
0	Unknown	14,250
Aldh5a1	Succinate-semialdehyde dehydrogenase, mitochondrial [Source:UniProtKB/Swiss-Prot;Acc:P51650] [ENSRNOT000000031384]	14,250
0	Unknown	14,250
LOC365723	PREDICTED: Rattus norvegicus similar to zinc finger protein 458 (LOC365723), miscRNA [XR_086165]	14,250
0	Unknown	14,249
Zkscan2	PREDICTED: Rattus norvegicus zinc finger with KRAB and SCAN domains 2 (Zkscan2), mRNA [XM_001079250]	14,243
0	Unknown	14,241
Tox2	Rattus norvegicus TOX high mobility group box family member 2 (Tox2), mRNA [NM_199392]	14,240
Cck	Rattus norvegicus cholecystokinin (Cck), mRNA [NM_012829]	14,232
Plekhf2	Rattus norvegicus pleckstrin homology domain containing, family F (with FYVE domain) member 2 (Plekhf2), mRNA [NM_001108655]	14,227
Cbx6	Rattus norvegicus chromobox homolog 6 (Cbx6), mRNA [NM_001012119]	14,222
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZP34] [ENSRNOT000000061713]	14,222
Pdgfc	Rattus norvegicus platelet derived growth factor C (Pdgfc), mRNA [NM_031317]	14,220
Tmem185a	Rattus norvegicus transmembrane protein 185A (Tmem185a), mRNA [NM_001135712]	14,219
Dnah17	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2Y8] [ENSRNOT00000004035]	14,216

Nsg2	Rattus norvegicus neuron specific gene family member 2 (Nsg2), mRNA [NM_001034152]	14,213
Ets2	Rattus norvegicus v-ets erythroblastosis virus E26 oncogene homolog 2 (avian) (Ets2), mRNA [NM_001107107]	14,213
0	Unknown	14,212
0	Unknown	14,211
Mbnl2	Rattus norvegicus muscleblind-like 2 (Mbnl2), mRNA [NM_001111064]	14,211
Actl7a	Rattus norvegicus actin-like 7a (Actl7a), mRNA [NM_001011973]	14,209
RGD1561678	PREDICTED: Rattus norvegicus similar to Ten-m1 (RGD1561678), mRNA [XM_002730177]	14,205
Cpne3	Rattus norvegicus copine III (Cpne3), mRNA [NM_001107917]	14,205
Clybl	Rattus norvegicus citrate lyase beta like (Clybl), mRNA [NM_001100685]	14,201
Gpr158	Rattus norvegicus G protein-coupled receptor 158 (Gpr158), mRNA [NM_001170326]	14,197
Setd5	Rattus norvegicus SET domain containing 5 (Setd5), mRNA [NM_001106614]	14,196
Egr4	Rattus norvegicus early growth response 4 (Egr4), mRNA [NM_019137]	14,195
Ppm1h	Protein phosphatase 1H [Source:UniProtKB/Swiss-Prot;Acc:Q5M821] [ENSRNOT00000005798]	14,194
Mecr	Rattus norvegicus mitochondrial trans-2-enoyl-CoA reductase (Mecr), nuclear gene encoding mitochondrial protein, mRNA [NM_017209]	14,194
0	Rattus norvegicus TL0ADA44YP20 mRNA sequence. [FQ219888]	14,193
0	Unknown	14,187
Lrrtm4	Rattus norvegicus leucine rich repeat transmembrane neuronal 4 (Lrrtm4), mRNA [NM_001134746]	14,183
Trim41	Rattus norvegicus tripartite motif-containing 41 (Trim41), mRNA [NM_001134737]	14,181
Actr1b	Rattus norvegicus ARP1 actin-related protein 1 homolog B (yeast) (Actr1b), mRNA [NM_001039028]	14,179
Wnt5a	Rattus norvegicus wingless-type MMTV integration site family, member 5A (Wnt5a), mRNA [NM_022631]	14,176
0	Unknown	14,175
Slc2a12	Rattus norvegicus solute carrier family 2 (facilitated glucose transporter), member 12 (Slc2a12), mRNA [NM_001107451]	14,174
Alg6	Rattus norvegicus asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog (S. cerevisiae) (Alg6), mRNA [NM_001033709]	14,173
Snx3	Rattus norvegicus sorting nexin 3 (Snx3), mRNA [NM_001044283]	14,172
0	Unknown	14,170
Chmp4b	PREDICTED: Rattus norvegicus chromatin modifying protein 4B (Chmp4b), mRNA [XM_002726259]	14,169
Rtn3	Rattus norvegicus reticulon 3 (Rtn3), transcript variant 2, mRNA [NM_001009953]	14,169
Zfp41	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZK5] [ENSRNOT00000009823]	14,168
Pex10	Rattus norvegicus peroxisomal biogenesis factor 10 (Pex10), mRNA [NM_001109405]	14,166
Tube1	Rattus norvegicus tubulin, epsilon 1 (Tube1), mRNA [NM_001108536]	14,164
Irs1	Rattus norvegicus insulin receptor substrate 1 (Irs1), mRNA [NM_012969]	14,164
Reps1	Rattus norvegicus RALBP1 associated Eps domain containing 1 (Reps1), mRNA [NM_001106264]	14,163
Angptl6	Rattus norvegicus angiopoietin-like 6 (Angptl6), mRNA [NM_001106702]	14,159
Ccdc86	Rattus norvegicus coiled-coil domain containing 86 (Ccdc86), mRNA [NM_001006974]	14,159

Arl15	BC026093 ADP-ribosylation factor related protein 2 {Homo sapiens} (exp=-1; wgp=0; cg=0), complete [TC622058]	14,159
Zbtb41	Rattus norvegicus zinc finger and BTB domain containing 41 (Zbtb41), mRNA [NM_001191670]	14,157
0	AMGNNUC:NRHY6-00002-H8-A W Rat hypothalamus (10470) Rattus norvegicus cDNA clone nrhy6-00002-h8 5', mRNA sequence [CB750240]	14,156
Mtcp1	PREDICTED: Rattus norvegicus mature T-cell proliferation 1 (Mtcp1), mRNA [XM_001070795]	14,156
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3M9] [ENSRNOT00000023028]	14,155
Ptprs	Rattus norvegicus protein tyrosine phosphatase, receptor type, S (Ptprs), mRNA [NM_019140]	14,155
Zfp318	PREDICTED: Rattus norvegicus zinc finger protein 318 (Zfp318), mRNA [XM_002727181]	14,154
Arhgef7	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF7) (Arhgef7), transcript variant 3, mRNA [NM_053740]	14,153
0	Rattus norvegicus similar to UBE2I protein (LOC305375), mRNA [XM_223442]	14,149
Pdzd7	Rattus norvegicus PDZ domain containing 7 (Pdzd7), mRNA [NM_001106362]	14,148
Tmub1	Rattus norvegicus transmembrane and ubiquitin-like domain containing 1 (Tmub1), transcript variant 2, mRNA [NM_001080153]	14,141
0	Neuronal acetylcholine receptor subunit alpha-7 [Source:UniProtKB/Swiss-Prot;Acc:Q05941] [ENSRNOT00000020760]	14,138
0	Rattus norvegicus similar to Pyruvate kinase, M2 isozyme (LOC290412), mRNA [XM_224416]	14,138
Slamf8	Rattus norvegicus SLAM family member 8 (Slamf8), mRNA [NM_001105973]	14,138
Arhgap29	Rattus norvegicus Rho GTPase activating protein 29 (Arhgap29), mRNA [NM_001009405]	14,136
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7E7] [ENSRNOT00000011386]	14,135
Olr1343	Rattus norvegicus olfactory receptor 1343 (Olr1343), mRNA [NM_001001088]	14,135
Prr3	Rattus norvegicus proline rich 3 (Prr3), mRNA [NM_212544]	14,134
LOC497899	Rattus norvegicus similar to hypothetical protein 4930503F14 (LOC497899), mRNA [NM_001017472]	14,131
RGD1563996	PREDICTED: Rattus norvegicus similar to Protein UNQ9166/PRO28631 precursor (RGD1563996), mRNA [XM_001077526]	14,125
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAK9] [ENSRNOT00000038851]	14,124
0	Unknown	14,124
Kcnq1	Rattus norvegicus potassium voltage-gated channel, KQT-like subfamily, member 1 (Kcnq1), mRNA [NM_032073]	14,123
Sgpp1	PREDICTED: Rattus norvegicus sphingosine-1-phosphate phosphatase 1 (Sgpp1), mRNA [XM_001080791]	14,122
Zik1	PREDICTED: Rattus norvegicus zinc finger protein interacting with K protein 1 homolog (mouse) (Zik1), mRNA [XM_001076034]	14,121
Selplg	Rattus norvegicus selectin P ligand (Selplg), mRNA [NM_001013230]	14,119
0	Unknown	14,118
Cant1	Rattus norvegicus calcium activated nucleotidase 1 (Cant1), mRNA [NM_144754]	14,115
Aqp2	Rattus norvegicus aquaporin 2 (collecting duct) (Aqp2), mRNA [NM_012909]	14,113
Pde2a	Rattus norvegicus phosphodiesterase 2A, cGMP-stimulated (Pde2a), transcript variant 2, mRNA [NM_031079]	14,113
Tbx2	Rattus norvegicus T-box 2 (Tbx2), mRNA [NM_001107033]	14,112
RGD1309710	Rattus norvegicus similar to RIKEN cDNA 0610038D11 (RGD1309710), mRNA [NM_001106330]	14,109
Grik5	Rattus norvegicus glutamate receptor, ionotropic, kainate 5 (Grik5), mRNA [NM_031508]	14,108
LOC690146	PREDICTED: Rattus norvegicus similar to zinc finger protein 11B (LOC690146), mRNA [XM_001073454]	14,107

Rbp4	Rattus norvegicus retinol binding protein 4, plasma (Rbp4), mRNA [NM_013162]	14,106
LOC683469	Rattus norvegicus similar to RNA polymerase II transcription factor SIII subunit A2 (Elongin A2) (EloA2) (Transcription elongation factor B polypeptide 3B) (LOC683469), mRNA [NM_001115040]	14,105
RGD1564016	PREDICTED: Rattus norvegicus RGD1564016 (RGD1564016), mRNA [XM_579897]	14,103
Kcnk13	Rattus norvegicus potassium channel, subfamily K, member 13 (Kcnk13), mRNA [NM_022293]	14,103
Ambra1	Rattus norvegicus autophagy/beclin 1 regulator 1 (Ambra1), mRNA [NM_001134341]	14,100
0	Rattus norvegicus similar to 60S ribosomal protein L23a (LOC292743), mRNA [XM_218374]	14,095
Myo1c	Rattus norvegicus myosin IC (Myo1c), mRNA [NM_023092]	14,094
0	Unknown	14,093
Rab15	Rattus norvegicus RAB, member RAS oncogene family-like 5 (Rab15), mRNA [NM_001011902]	14,091
Card6	Rattus norvegicus caspase recruitment domain family, member 6 (Card6), mRNA [NM_001106413]	14,090
0	Unknown	14,089
Rab22a	Rattus norvegicus RAB22A, member RAS oncogene family (Rab22a), mRNA [NM_001108966]	14,083
Calcoco2	PREDICTED: Rattus norvegicus calcium binding and coiled-coil domain 2 (Calcoco2), mRNA [XM_220903]	14,082
Bard1	Rattus norvegicus BRCA1 associated RING domain 1 (Bard1), mRNA [NM_022622]	14,082
Dusp9	Rattus norvegicus dual specificity phosphatase 9 (Dusp9), mRNA [NM_001037973]	14,081
Fusip1	Rattus norvegicus FUS interacting protein (serine-arginine rich) 1 (Fusip1), mRNA [NM_001025738]	14,081
Rnase1	Rattus norvegicus ribonuclease, RNase A family, 1 (pancreatic) (Rnase1), mRNA [NM_001029904]	14,081
Ccdc109a	Rattus norvegicus coiled-coil domain containing 109A (Ccdc109a), mRNA [NM_001106398]	14,079
Rab30	Rattus norvegicus RAB30, member RAS oncogene family (Rab30), mRNA [NM_001015012]	14,078
0	Unknown	14,075
Gbbp1	Rattus norvegicus GC-rich promoter binding protein 1 (Gbbp1), mRNA [NM_001106410]	14,072
Ptov1	Rattus norvegicus prostate tumor overexpressed 1 (Ptov1), mRNA [NM_001008304]	14,071
Dd25	Rattus norvegicus hypothetical protein Dd25 (Dd25), mRNA [NM_199403]	14,070
Klhdc10	Rattus norvegicus kelch domain containing 10 (Klhdc10), mRNA [NM_001017456]	14,067
Gtdc1	Rattus norvegicus glycosyltransferase-like domain containing 1 (Gtdc1), mRNA [NM_001024274]	14,065
0	Unknown	14,064
Synj2bp	Rattus norvegicus synaptojanin 2 binding protein (Synj2bp), mRNA [NM_022599]	14,061
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0A1] [ENSRNOT00000016712]	14,060
Lipe	Rattus norvegicus lipase, hormone sensitive (Lipe), mRNA [NM_012859]	14,059
Apool	Rattus norvegicus apolipoprotein O-like (Apool), mRNA [NM_001014105]	14,058
Mest	Rattus norvegicus mesoderm specific transcript homolog (mouse) (Mest), mRNA [NM_001009617]	14,053
Slc24a6	Rattus norvegicus solute carrier family 24 (sodium/potassium/calcium exchanger), member 6 (Slc24a6), mRNA [NM_001017488]	14,053
0	Unknown	14,051

LOC687739	PREDICTED: Rattus norvegicus hypothetical protein LOC687739 (LOC687739), mRNA [XM_001079981]	14,051
0	Unknown	14,051
Top1	Rattus norvegicus topoisomerase (DNA) I (Top1), mRNA [NM_022615]	14,047
Pgam1	Rattus norvegicus phosphoglycerate mutase 1 (brain) (Pgam1), mRNA [NM_053290]	14,044
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRA7] [ENSRNOT00000025489]	14,043
Xrcc6	Rattus norvegicus X-ray repair complementing defective repair in Chinese hamster cells 6 (Xrcc6), mRNA [NM_139080]	14,043
Trem12	PREDICTED: Rattus norvegicus triggering receptor expressed on myeloid cells-like 2 (Trem12), mRNA [XM_001059150]	14,041
Agrn	Rattus norvegicus agrin (Agrn), mRNA [NM_175754]	14,040
0	Unknown	14,039
LOC682469	PREDICTED: Rattus norvegicus similar to jumonji domain containing 1B (LOC682469), mRNA [XM_001061636]	14,039
Slc8a1	Rattus norvegicus solute carrier family 8 (sodium/calcium exchanger), member 1 (Slc8a1), mRNA [NM_019268]	14,039
Crtc3	PREDICTED: Rattus norvegicus CREB regulated transcription coactivator 3 (Crtc3), mRNA [XM_001066604]	14,036
Gpc2	Rattus norvegicus glypican 2 (Gpc2), mRNA [NM_138511]	14,035
0	Unknown	14,033
LOC302228	PREDICTED: Rattus norvegicus similar to Spindlin-like protein 2 (SPIN-2) (LOC302228), mRNA [XM_229842]	14,032
Utp14a	Rattus norvegicus UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast) (Utp14a), mRNA [NM_001014113]	14,021
Grip2	Rattus norvegicus glutamate receptor interacting protein 2 (Grip2), mRNA [NM_138535]	14,019
Aak1	Rattus norvegicus AP2 associated kinase 1 (Aak1), mRNA [NM_001173450]	14,017
Cnot7	Rattus norvegicus CCR4-NOT transcription complex, subunit 7 (Cnot7), mRNA [NM_001107313]	14,015
0	Unknown	14,014
Klf10	Rattus norvegicus Kruppel-like factor 10 (Klf10), mRNA [NM_031135]	14,012
Nfatc4	Rattus norvegicus nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 (Nfatc4), mRNA [NM_001107264]	14,012
Hpse	Rattus norvegicus heparanase (Hpse), mRNA [NM_022605]	14,009
Lmo4	Rattus norvegicus LIM domain only 4 (Lmo4), mRNA [NM_001009708]	14,008
Ncald	Rattus norvegicus neurocalcin delta (Ncald), mRNA [NM_001024371]	14,007
Stx16	syntaxin-16 [Source:RefSeq peptide;Acc:NP_001102080] [ENSRNOT00000007054]	14,007
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC294447), mRNA [XM_228217]	14,007
Ehmt1	Rattus norvegicus euchromatic histone-lysine N-methyltransferase 1 (Ehmt1), mRNA [NM_001108572]	14,006
Bhlhe23	Rattus norvegicus basic helix-loop-helix family, member e23 (Bhlhe23), mRNA [NM_001109211]	14,005
0	Unknown	14,005
LOC690347	PREDICTED: Rattus norvegicus hypothetical protein LOC690347 (LOC690347), mRNA [XM_001074177]	14,003
Eif4enif1	Rattus norvegicus eukaryotic translation initiation factor 4E nuclear import factor 1 (Eif4enif1), mRNA [NM_001107230]	14,001
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSR6] [ENSRNOT000000064626]	14,000
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5N6] [ENSRNOT000000050854]	13,999

Kctd6	Rattus norvegicus potassium channel tetramerisation domain containing 6 (Kctd6), mRNA [NM_001107253]	13,997
Thra	Rattus norvegicus thyroid hormone receptor alpha (Thra), transcript variant TRalpha1, mRNA [NM_001017960]	13,996
LOC689919	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S26 (LOC689919), mRNA [XM_001072530]	13,994
Slc30a7	Rattus norvegicus solute carrier family 30 (zinc transporter), member 7 (Slc30a7), mRNA [NM_001191715]	13,994
Lipa	Rattus norvegicus lipase A, lysosomal acid, cholesterol esterase (Lipa), mRNA [NM_012732]	13,992
LOC498154	Rattus norvegicus hypothetical protein LOC498154 (LOC498154), mRNA [NM_001025033]	13,991
Slc23a2	Rattus norvegicus solute carrier family 23 (nucleobase transporters), member 2 (Slc23a2), mRNA [NM_017316]	13,987
Serpine2	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade E, member 2 (Serpine2), mRNA [NM_019197]	13,987
Larp5	Rattus norvegicus La ribonucleoprotein domain family, member 5 (Larp5), mRNA [NM_001107361]	13,978
Brpf3	Rattus norvegicus bromodomain and PHD finger containing, 3 (Brpf3), mRNA [NM_001107615]	13,975
Nr3c2	Rattus norvegicus nuclear receptor subfamily 3, group C, member 2 (Nr3c2), mRNA [NM_013131]	13,973
Wdr45l	Rattus norvegicus Wdr45 like (Wdr45l), mRNA [NM_001039587]	13,972
Hiatl1	Rattus norvegicus hippocampus abundant transcript-like 1 (Hiatl1), mRNA [NM_001107334]	13,970
LOC680874	PREDICTED: Rattus norvegicus hypothetical protein LOC680874 (LOC680874), miscRNA [XR_005897]	13,969
Nek1	Rattus norvegicus NIMA (never in mitosis gene a)-related kinase 1 (Nek1), mRNA [NM_001106082]	13,966
Fuz	Rattus norvegicus fuzzy homolog (Drosophila) (Fuz), mRNA [NM_001037646]	13,960
MGC116197	Rattus norvegicus similar to RIKEN cDNA 1700001E04 (MGC116197), mRNA [NM_001025755]	13,959
Pla2g12a	Rattus norvegicus phospholipase A2, group XIIA (Pla2g12a), mRNA [NM_001108565]	13,957
0	Collagen alpha-1(XI) chain [Source:UniProtKB/Swiss-Prot;Acc:P20909] [ENSRNOT00000024138]	13,953
Plekhh2	Rattus norvegicus pleckstrin homology domain containing, family H (with MyTH4 domain) member 2 (Plekhh2), mRNA [NM_001191770]	13,951
Homer3	Rattus norvegicus homer homolog 3 (Drosophila) (Homer3), mRNA [NM_053310]	13,950
Npff	Rattus norvegicus neuropeptide FF-amide peptide precursor (Npff), mRNA [NM_022586]	13,949
Radil	Rattus norvegicus Ras association and DIL domains (Radil), mRNA [NM_001037218]	13,949
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHI0] [ENSRNOT00000061428]	13,944
Apol3	Rattus norvegicus apolipoprotein L, 3 (Apol3), mRNA [NM_001013175]	13,943
LOC619574	Rattus norvegicus hypothetical protein LOC619574 (LOC619574), mRNA [NM_001034959]	13,942
Dio2	Rattus norvegicus deiodinase, iodothyronine, type II (Dio2), mRNA [NM_031720]	13,942
Klhl30	PREDICTED: Rattus norvegicus kelch-like 30 (Drosophila) (Klhl30), mRNA [XM_237394]	13,942
Rdh11	Rattus norvegicus retinol dehydrogenase 11 (all-trans/9-cis/11-cis) (Rdh11), mRNA [NM_001012193]	13,940
lqcf2	PREDICTED: Rattus norvegicus IQ motif containing F2 (lqcf2), mRNA [XM_001070183]	13,939
Olr733	Rattus norvegicus olfactory receptor 733 (Olr733), mRNA [NM_001000618]	13,939
Fam149b1	Rattus norvegicus family with sequence similarity 149, member B1 (Fam149b1), mRNA [NM_001013878]	13,937
LOC100294508	Rattus norvegicus dyslexia susceptibility 2-like (LOC100294508), mRNA [NM_001159655]	13,937
Pigm	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class M (Pigm), mRNA [NM_024144]	13,935

Tspan33	Rattus norvegicus tetraspanin 33 (Tspan33), mRNA [NM_001109227]	13,935
MAST1	Rattus norvegicus microtubule associated serine/threonine kinase 1 (MAST1), mRNA [NM_181089]	13,931
Ghrh	Rattus norvegicus growth hormone releasing hormone (Ghrh), mRNA [NM_031577]	13,931
Anapc11	Rattus norvegicus anaphase promoting complex subunit 11 (Anapc11), mRNA [NM_001126082]	13,929
Aldh4a1	Rattus norvegicus aldehyde dehydrogenase 4 family, member A1 (Aldh4a1), nuclear gene encoding mitochondrial protein, mRNA [NM_001134698]	13,928
Phtf2	Rattus norvegicus putative homeodomain transcription factor 2 (Phtf2), mRNA [NM_001106577]	13,927
Cecr6	PREDICTED: Rattus norvegicus cat eye syndrome chromosome region, candidate 6 homolog (human) (Cecr6), mRNA [XM_575656]	13,924
Lman2l	VIP36-like protein [Source:RefSeq peptide;Acc:NP_001100370] [ENSRNOT00000021111]	13,922
Hiat1	Rattus norvegicus hippocampus abundant gene transcript 1 (Hiat1), mRNA [NM_001106467]	13,919
Oxa1l	Rattus norvegicus oxidase assembly 1-like (Oxa1l), mRNA [NM_001168583]	13,918
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3Z7Z7] [ENSRNOT00000038921]	13,918
RGD1561318	PREDICTED: Rattus norvegicus similar to SET domain-containing protein (RGD1561318), mRNA [XM_001066702]	13,915
Slc39a14	Rattus norvegicus solute carrier family 39 (zinc transporter), member 14 (Slc39a14), mRNA [NM_001107275]	13,914
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH31] [ENSRNOT00000010612]	13,912
0	zinc finger protein 866 Gene [Source:MGI Symbol;Acc:MGI:3584369] [ENSRNOT00000034446]	13,911
Gpr180	Rattus norvegicus G protein-coupled receptor 180 (Gpr180), mRNA [NM_001006994]	13,905
Nolc1	Rattus norvegicus nucleolar and coiled-body phosphoprotein 1 (Nolc1), mRNA [NM_022869]	13,903
RGD1559917	Rattus norvegicus similar to SMT3 suppressor of mif two 3 homolog 2 (LOC287993), mRNA [XM_212687]	13,902
Ints7	Rattus norvegicus integrator complex subunit 7 (Ints7), mRNA [NM_001191675]	13,901
Raver2	Rattus norvegicus ribonucleoprotein, PTB-binding 2 (Raver2), mRNA [NM_001191867]	13,901
Vti1a	Rattus norvegicus vesicle transport through interaction with t-SNAREs homolog 1A (yeast) (Vti1a), mRNA [NM_023101]	13,900
Gpr158	Rattus norvegicus G protein-coupled receptor 158 (Gpr158), mRNA [NM_001170326]	13,896
RGD1563680	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYC4] [ENSRNOT00000006177]	13,895
0	Unknown	13,895
Tnrc6a	Rattus norvegicus trinucleotide repeat containing 6a (Tnrc6a), mRNA [NM_001107549]	13,893
Nr2c2	Rattus norvegicus nuclear receptor subfamily 2, group C, member 2 (Nr2c2), mRNA [NM_017323]	13,890
Acta1	Rattus norvegicus actin, alpha 1, skeletal muscle (Acta1), mRNA [NM_019212]	13,888
Ablim2	Rattus norvegicus actin binding LIM protein family, member 2 (Ablim2), transcript variant 1, mRNA [NM_001177695]	13,887
0	Unknown	13,887
Sox15	Rattus norvegicus SRY (sex determining region Y)-box 15 (Sox15), mRNA [NM_001108830]	13,885
Gcc2	Rattus norvegicus GRIP and coiled-coil domain containing 2 (Gcc2), mRNA [NM_001107633]	13,885
Lypd5	Rattus norvegicus Ly6/Plaur domain containing 5 (Lypd5), mRNA [NM_001192010]	13,881
0	Q4BL67_BURVI (Q4BL67) Phospholipase/Carboxylesterase, partial (5%) [TC592585]	13,881
0	PREDICTED: Rattus norvegicus dynein, axonemal, heavy polypeptide 9 (Dnah9), mRNA [XM_002727722]	13,881

Znf496	Rattus norvegicus similar to D130067D09 protein (LOC287361), mRNA [XM_220512]	13,880
Cd47	Rattus norvegicus Cd47 molecule (Cd47), mRNA [NM_019195]	13,880
Olr1714	Rattus norvegicus olfactory receptor 1714 (Olr1714), mRNA [NM_214456]	13,877
Fgfr1op2	Rattus norvegicus FGFR1 oncogene partner 2 (Fgfr1op2), mRNA [NM_201421]	13,876
Gipr	Rattus norvegicus gastric inhibitory polypeptide receptor (Gipr), mRNA [NM_012714]	13,875
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZI73] [ENSRNOT00000026047]	13,875
0	Unknown	13,874
0	PREDICTED: Rattus norvegicus similar to SET domain-containing protein (RGD1561853), mRNA [XM_001064143]	13,871
0	Unknown	13,871
0	Unknown	13,870
Ubr7	Rattus norvegicus ubiquitin protein ligase E3 component n-recognin 7 (putative) (Ubr7), mRNA [NM_001007705]	13,870
Nipa2	Rattus norvegicus non imprinted in Prader-Willi/Angelman syndrome 2 homolog (human) (Nipa2), mRNA [NM_001107518]	13,869
0	Unknown	13,867
Lpin1	Rattus norvegicus lipin 1 (Lpin1), mRNA [NM_001012111]	13,867
RGD1312026	Rattus norvegicus similar to RIKEN cDNA C230081A13 (RGD1312026), mRNA [NM_001108149]	13,865
Zfp868	Rattus norvegicus zinc finger protein 868 (Zfp868), mRNA [NM_001009538]	13,864
Tmem88	Rattus norvegicus transmembrane protein 88 (Tmem88), mRNA [NM_001128155]	13,864
Zc3h3	Rattus norvegicus zinc finger CCCH type containing 3 (Zc3h3), mRNA [NM_001134865]	13,863
0	Unknown	13,861
0	Unknown	13,857
0	Unknown	13,855
RGD1563982	similar to F-box only protein 27 (RGD1563982), mRNA [Source:RefSeq DNA;Acc:NM_001110491] [ENSRNOT00000026997]	13,854
Tmem43	Rattus norvegicus transmembrane protein 43 (Tmem43), mRNA [NM_001007745]	13,854
Spa17	Rattus norvegicus sperm autoantigenic protein 17 (Spa17), mRNA [NM_053482]	13,852
RGD1563888	Rattus norvegicus similar to DNA segment, Chr 16, ERATO Doi 472, expressed (RGD1563888), mRNA [NM_001108312]	13,851
Larp1	BC001460 la related protein {Homo sapiens} (exp=-1; wgp=0; cg=0), partial (3%) [TC629660]	13,850
Capn6	Rattus norvegicus calpain 6 (Capn6), mRNA [NM_031808]	13,850
Zfp426	Rattus norvegicus zinc finger protein 426 (Zfp426), mRNA [NM_001079943]	13,849
Mcf2l	Rattus norvegicus MCF.2 cell line derived transforming sequence-like (Mcf2l), mRNA [NM_053951]	13,847
Cyb5d2	Rattus norvegicus cytochrome b5 domain containing 2 (Cyb5d2), mRNA [NM_001007671]	13,841
lapp	Islet amyloid polypeptide [Source:UniProtKB/Swiss-Prot;Acc:P12969] [ENSRNOT00000016614]	13,838
Aak1	Rattus norvegicus AP2 associated kinase 1 (Aak1), mRNA [NM_001173450]	13,836
Tfip11	Rattus norvegicus tuftelin interacting protein 11 (Tfip11), mRNA [NM_001008291]	13,835
0	Ubiquitin carboxyl-terminal hydrolase [Source:UniProtKB/TrEMBL;Acc:D3Z8K5] [ENSRNOT00000035084]	13,834

Tbc1d14	Rattus norvegicus TBC1 domain family, member 14 (Tbc1d14), transcript variant 1, mRNA [NM_001012152]	13,833
Mtpap	Rattus norvegicus mitochondrial poly(A) polymerase (Mtpap), nuclear gene encoding mitochondrial protein, mRNA [NM_001107359]	13,833
0	Unknown	13,828
Abhd8	Rattus norvegicus abhydrolase domain containing 8 (Abhd8), mRNA [NM_001107301]	13,828
Acvr2b	Rattus norvegicus activin A receptor, type IIB (Acvr2b), mRNA [NM_031554]	13,826
Sec63	Rattus norvegicus SEC63 homolog (S. cerevisiae) (Sec63), mRNA [NM_001107637]	13,823
Rab32	Rattus norvegicus RAB32, member RAS oncogene family (Rab32), mRNA [NM_001108902]	13,821
G7c	Rattus norvegicus G7c protein (G7c), mRNA [NM_212499]	13,821
Fam195b	Rattus norvegicus family with sequence similarity 195, member B (Fam195b), mRNA [NM_001108311]	13,820
Lipf3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AA61] [ENSRNOT00000026219]	13,819
Hsbp1	Rattus norvegicus heat shock factor binding protein 1 (Hsbp1), mRNA [NM_173119]	13,818
Fam65a	Protein FAM65A [Source:UniProtKB/Swiss-Prot;Acc:Q4FZU8] [ENSRNOT00000023710]	13,817
Elovl6	Rattus norvegicus ELOVL family member 6, elongation of long chain fatty acids (yeast) (Elovl6), mRNA [NM_134383]	13,815
0	Unknown	13,814
Rnf39	Rattus norvegicus ring finger protein 39 (Rnf39), mRNA [NM_134374]	13,812
Nrg1	Rattus norvegicus neuregulin 1 (Nrg1), mRNA [NM_031588]	13,811
Ralbp1	Rattus norvegicus ralA binding protein 1 (Ralbp1), mRNA [NM_032067]	13,809
Dip2c	Rattus norvegicus DIP2 disco-interacting protein 2 homolog C (Drosophila) (Dip2c), mRNA [NM_001107360]	13,807
Golph3	Rattus norvegicus golgi phosphoprotein 3 (coat-protein) (Golph3), mRNA [NM_023977]	13,804
Ndel1	Rattus norvegicus nudE nuclear distribution gene E homolog (A. nidulans)-like 1 (Ndel1), mRNA [NM_133320]	13,804
Ppm1l	Rattus norvegicus protein phosphatase 1 (formerly 2C)-like (Ppm1l), mRNA [NM_001107681]	13,798
Arhgef12	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 12 (Arhgef12), mRNA [NM_001013246]	13,798
Dedd	Rattus norvegicus death effector domain-containing (Dedd), mRNA [NM_031800]	13,796
Ctbp2	Rattus norvegicus C-terminal binding protein 2 (Ctbp2), mRNA [NM_053335]	13,796
Arrdc3	Rattus norvegicus arrestin domain containing 3 (Arrdc3), mRNA [NM_001007797]	13,795
Dlgap1	Rattus norvegicus discs, large (Drosophila) homolog-associated protein 1 (Dlgap1), mRNA [NM_022946]	13,791
Caprin1	Rattus norvegicus cell cycle associated protein 1 (Caprin1), mRNA [NM_001012185]	13,791
Son	Rattus norvegicus Son DNA binding protein (Son), transcript variant 2, mRNA [NM_001170328]	13,791
Senp7	Rattus norvegicus SUMO1/sentrin specific peptidase 7 (Senp7), mRNA [NM_001105888]	13,789
Thap7	Rattus norvegicus THAP domain containing 7 (Thap7), mRNA [NM_001105863]	13,789
Atp5g2	Rattus norvegicus ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit C2 (subunit 9) (Atp5g2), nuclear gene encoding mitochondrial protein, mRNA [NM_133556]	13,788
Stag2	Rattus norvegicus stromal antigen 2 (Stag2), mRNA [NM_001173507]	13,782
lldr2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGJ1] [ENSRNOT00000031367]	13,781

Stxbp6	Rattus norvegicus syntaxin binding protein 6 (amisyn) (Stxbp6), mRNA [NM_001191872]	13,781
LOC497952	PREDICTED: Rattus norvegicus similar to Ubiquitin-associated protein 2-like (LOC497952), miscRNA [XR_005763]	13,780
Tmem211	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z827] [ENSRNOT00000043717]	13,778
0	Q571D7_MOUSE (Q571D7) MKIAA0268 protein (Fragment), partial (20%) [TC587453]	13,778
Vps13b	Rattus norvegicus vacuolar protein sorting 13 homolog B (yeast) (Vps13b), mRNA [NM_001134886]	13,776
0	RGD1304924 protein [Source:UniProtKB/TrEMBL;Acc:B0BNI8] [ENSRNOT00000064652]	13,775
0	Unknown	13,773
0	AA944379 EST199878 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone REMAG24 3' end, mRNA sequence [AA944379]	13,772
RGD1310773	Rattus norvegicus similar to hypothetical protein FLJ31810 (RGD1310773), mRNA [NM_001107926]	13,771
Fem1a	Rattus norvegicus fem-1 homolog a (C. elegans) (Fem1a), mRNA [NM_001025706]	13,763
Tgfbr2	Rattus norvegicus transforming growth factor, beta receptor II (Tgfbr2), mRNA [NM_031132]	13,759
Trim16	Rattus norvegicus tripartite motif-containing 16 (Trim16), mRNA [NM_001135033]	13,755
Galt	Rattus norvegicus galactose-1-phosphate uridylyltransferase (Galt), mRNA [NM_001013089]	13,755
Rxfp1	Rattus norvegicus relaxin/insulin-like family peptide receptor 1 (Rxfp1), mRNA [NM_201417]	13,753
0	Unknown	13,753
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJB6] [ENSRNOT00000040584]	13,753
Dgat2l6	Rattus norvegicus diacylglycerol O-acyltransferase 2-like 6 (Dgat2l6), mRNA [NM_001109370]	13,753
Dpp6	Rattus norvegicus dipeptidylpeptidase 6 (Dpp6), mRNA [NM_022850]	13,752
Phka2	Rattus norvegicus phosphorylase kinase, alpha 2 (Phka2), mRNA [NM_001190994]	13,751
Rhobtb3	Rattus norvegicus Rho-related BTB domain containing 3 (Rhobtb3), mRNA [NM_001107645]	13,751
Ict1	Rattus norvegicus immature colon carcinoma transcript 1 (Ict1), mRNA [NM_001191656]	13,749
Il17d	PREDICTED: Rattus norvegicus interleukin 17D (Il17d), mRNA [XM_001079675]	13,748
0	Unknown	13,747
Nptn	Rattus norvegicus neuroplastin (Nptn), mRNA [NM_019380]	13,747
Zcchc2	Rattus norvegicus zinc finger, CCHC domain containing 2 (Zcchc2), mRNA [NM_001122677]	13,744
0	Catenin delta-2 [Source:UniProtKB/Swiss-Prot;Acc:O35116] [ENSRNOT00000044871]	13,743
Ankrd13c	Rattus norvegicus ankyrin repeat domain 13C (Ankrd13c), mRNA [NM_001191570]	13,736
0	Unknown	13,731
Thsd7b	Rattus norvegicus thrombospondin, type I, domain containing 7B (Thsd7b), mRNA [NM_001191669]	13,728
Guca2a	Rattus norvegicus guanylate cyclase activator 2a (guanylin) (Guca2a), mRNA [NM_013118]	13,727
Scyl2	Rattus norvegicus SCY1-like 2 (S. cerevisiae) (Scyl2), mRNA [NM_001191780]	13,727
Map1s	Rattus norvegicus microtubule-associated protein 1S (Map1s), mRNA [NM_001106070]	13,726
Fbxl19	Rattus norvegicus F-box and leucine-rich repeat protein 19 (Fbxl19), mRNA [NM_001107552]	13,725
Olr1598	Rattus norvegicus olfactory receptor 1598 (Olr1598), mRNA [NM_001000910]	13,723

Porf-2	Rattus norvegicus preoptic regulatory factor-2 (Porf-2), mRNA [NM_173122]	13,721
Gls	Rattus norvegicus glutaminase (Gls), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_012569]	13,720
Kcnh3	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 3 (Kcnh3), mRNA [NM_017108]	13,719
Fam155a	PREDICTED: Rattus norvegicus family with sequence similarity 155, member A (Fam155a), mRNA [XM_001076507]	13,718
Suv420h1	Rattus norvegicus suppressor of variegation 4-20 homolog 1 (Drosophila) (Suv420h1), mRNA [NM_001108512]	13,713
LOC684773	PREDICTED: Rattus norvegicus similar to histone 2a (LOC684773), mRNA [XM_001071887]	13,712
LOC100362255	PREDICTED: Rattus norvegicus G protein-coupled receptor 98 (LOC100362255), mRNA [XM_002729130]	13,708
Pla2g4b	Rattus norvegicus phospholipase A2, group IVB (cytosolic) (Pla2g4b), mRNA [NM_001107764]	13,708
Gucy1a2	Rattus norvegicus guanylate cyclase 1, soluble, alpha 2 (Gucy1a2), mRNA [NM_023956]	13,707
Clip1	Rattus norvegicus CAP-GLY domain containing linker protein 1 (Clip1), mRNA [NM_031745]	13,707
Pex12	Rattus norvegicus peroxisomal biogenesis factor 12 (Pex12), mRNA [NM_053921]	13,706
LOC684993	Rattus norvegicus hypothetical protein LOC684993 (LOC684993), mRNA [NM_001109451]	13,701
0	Unknown	13,698
Casc4	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z812] [ENSRNOT00000038291]	13,698
Gp1bb	Rattus norvegicus glycoprotein Ib (platelet), beta polypeptide (Gp1bb), mRNA [NM_053930]	13,697
Arrb1	Rattus norvegicus arrestin, beta 1 (Arrb1), mRNA [NM_012910]	13,696
Nrsn2	Rattus norvegicus neurensin 2 (Nrsn2), mRNA [NM_001109561]	13,695
Rbbp5	Rattus norvegicus retinoblastoma binding protein 5 (Rbbp5), mRNA [NM_001107174]	13,693
0	PREDICTED: Rattus norvegicus rCG53928-like (LOC100364438), mRNA [XM_002725571]	13,692
Mylk	Rattus norvegicus myosin light chain kinase (Mylk), mRNA [NM_001105874]	13,691
Strn	Rattus norvegicus striatin, calmodulin binding protein (Strn), mRNA [NM_019148]	13,689
Arl8b	Rattus norvegicus ADP-ribosylation factor-like 8B (Arl8b), mRNA [NM_001024332]	13,688
Cox11	Rattus norvegicus COX11 homolog, cytochrome c oxidase assembly protein (yeast) (Cox11), nuclear gene encoding mitochondrial protein, mRNA [NM_001109575]	13,686
Rnf144b	Rattus norvegicus ring finger protein 144B (Rnf144b), mRNA [NM_001108881]	13,684
Sf3a1	Rattus norvegicus splicing factor 3a, subunit 1 (Sf3a1), mRNA [NM_001107235]	13,681
RGD1559682	PREDICTED: Rattus norvegicus similar to peptidylprolyl isomerase A (cyclophilin A)) (RGD1559682), mRNA [XM_341363]	13,680
Znf512b	Rattus norvegicus zinc finger protein 512B (Znf512b), mRNA [NM_001107809]	13,680
Pex11b	Rattus norvegicus peroxisomal biogenesis factor 11 beta (Pex11b), mRNA [NM_001025684]	13,679
0	Unknown	13,673
Slitrk1	Rattus norvegicus SLIT and NTRK-like family, member 1 (Slitrk1), mRNA [NM_001107283]	13,673
Srek1ip1	Rattus norvegicus splicing regulatory glutamine/lysine-rich protein 1 interacting protein 1 (Srek1ip1), mRNA [NM_001008373]	13,672
Nkx3-1	Rattus norvegicus NK3 homeobox 1 (Nkx3-1), mRNA [NM_001034144]	13,671
Commd6	Rattus norvegicus COMM domain containing 6 (Commd6), mRNA [NM_001109105]	13,670

Mtmr2	Rattus norvegicus myotubularin related protein 2 (Mtmr2), mRNA [NM_001108123]	13,668
LOC499465	Rattus norvegicus hypothetical protein LOC499465 (LOC499465), mRNA [NM_001025038]	13,667
Gtpbp3	tRNA modification GTPase GTPBP3, mitochondrial [Source:UniProtKB/Swiss-Prot;Acc:Q5PQQ1] [ENSRNOT00000060355]	13,666
Fam198a	AMGNNUC:TRBA2-00002-F12-WZE trba2 (10286) Rattus norvegicus cDNA clone trba2-00002-f12, mRNA sequence [CB606389]	13,665
Ogn	Rattus norvegicus osteoglycin (Ogn), mRNA [NM_001106103]	13,663
Ap1s1	Rattus norvegicus adaptor-related protein complex 1, sigma 1 subunit (Ap1s1), mRNA [NM_001108331]	13,663
B3gnt1	Rattus norvegicus UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1 (B3gnt1), mRNA [NM_001015035]	13,659
Rras2	Rattus norvegicus related RAS viral (r-ras) oncogene homolog 2 (Rras2), mRNA [NM_001013434]	13,658
Trappc10	Rattus norvegicus trafficking protein particle complex 10 (Trappc10), mRNA [NM_001173528]	13,657
Ddo	Rattus norvegicus D-aspartate oxidase (Ddo), mRNA [NM_001109465]	13,649
RGD1562218	Rattus norvegicus similar to RIKEN cDNA 0610039J04 (RGD1562218), mRNA [NM_001034919]	13,646
Rinl	Rattus norvegicus Ras and Rab interactor-like (Rinl), mRNA [NM_001106241]	13,646
Cln8	Rattus norvegicus ceroid-lipofuscinosis, neuronal 8 (Cln8), mRNA [NM_001007686]	13,645
0	Unknown	13,644
Pnmt	Rattus norvegicus phenylethanolamine-N-methyltransferase (Pnmt), mRNA [NM_031526]	13,639
0	Unknown	13,638
LOC680448	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACU2] [ENSRNOT00000060468]	13,637
Ifit2	Rattus norvegicus interferon-induced protein with tetratricopeptide repeats 2 (Ifit2), mRNA [NM_001024753]	13,636
Yaf2	Rattus norvegicus YY1 associated factor 2 (Yaf2), mRNA [NM_001134871]	13,636
0	Unknown	13,634
Peli1	Rattus norvegicus pellino 1 (Peli1), mRNA [NM_001100565]	13,633
Gabrg1	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, gamma 1 (Gabrg1), mRNA [NM_080586]	13,632
0	PREDICTED: Rattus norvegicus similar to translocating chain-associating membrane protein 2, transcript variant 1 (LOC684534), mRNA [XM_001070862]	13,625
Abl2	Rattus norvegicus v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene) (Abl2), mRNA [NM_001107186]	13,625
0	PREDICTED: Rattus norvegicus TRAF domain and POZ/BTB containing protein T1-like (LOC100365687), partial mRNA [XM_002725996]	13,623
Ghr	Rattus norvegicus growth hormone receptor (Ghr), mRNA [NM_017094]	13,622
Mphosph9	Rattus norvegicus M-phase phosphoprotein 9 (Mphosph9), mRNA [NM_001170554]	13,621
Nlr1	Rattus norvegicus NLR family member X1 (Nlr1), mRNA [NM_001025010]	13,620
0	Unknown	13,618
Hrh2	Rattus norvegicus histamine receptor H 2 (Hrh2), mRNA [NM_012965]	13,616
Wibg	Rattus norvegicus within bgcn homolog (Drosophila) (Wibg), mRNA [NM_001108986]	13,616
RGD1566033	PREDICTED: Rattus norvegicus similar to BC003940 protein (RGD1566033), mRNA [XM_001070540]	13,612
Odz3	Rattus norvegicus odz, odd Oz/ten-m homolog 3 (Drosophila) (Odz3), mRNA [NM_001169133]	13,612

Npr2	Rattus norvegicus natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B) (Npr2), mRNA [NM_053838]	13,612
0	Unknown	13,610
Kitlg	Rattus norvegicus KIT ligand (Kitlg), transcript variant 1, mRNA [NM_021843]	13,609
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A553] [ENSRNOT00000016227]	13,607
0	Unknown	13,606
Ivd	Rattus norvegicus isovaleryl coenzyme A dehydrogenase (Ivd), nuclear gene encoding mitochondrial protein, mRNA [NM_012592]	13,602
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZEN2] [ENSRNOT00000022122]	13,602
Nalcn	Rattus norvegicus sodium leak channel, non-selective (Nalcn), mRNA [NM_153630]	13,600
Gria3	Rattus norvegicus glutamate receptor, ionotropic, AMPA 3 (Gria3), transcript variant 1, mRNA [NM_032990]	13,599
0	Unknown	13,593
0	Unknown	13,591
Tbc1d5	Rattus norvegicus TBC1 domain family, member 5 (Tbc1d5), mRNA [NM_001134762]	13,591
Isoc2b	Rattus norvegicus isochorismatase domain containing 2b (Isoc2b), mRNA [NM_001008367]	13,587
Flt4	Rattus norvegicus fms-related tyrosine kinase 4 (Flt4), mRNA [NM_053652]	13,584
Mt1a	Rattus norvegicus metallothionein 1a (Mt1a), mRNA [NM_138826]	13,584
LOC688146	PREDICTED: Rattus norvegicus similar to radical S-adenosyl methionine domain containing 1 (LOC688146), mRNA [XM_001081294]	13,582
Ctnbp2nl	Rattus norvegicus CTTNBP2 N-terminal like (Ctnbp2nl), mRNA [NM_001107712]	13,580
Nkx2-5	Rattus norvegicus NK2 transcription factor related, locus 5 (Drosophila) (Nkx2-5), mRNA [NM_053651]	13,580
Car14	Rattus norvegicus carbonic anhydrase 14 (Car14), mRNA [NM_001109655]	13,576
Atp2b1	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, plasma membrane 1 (Atp2b1), mRNA [NM_053311]	13,575
Frmpd4	Rattus norvegicus FERM and PDZ domain containing 4 (Frmpd4), mRNA [NM_001106960]	13,575
LOC684558	AGENCOURT_113686907 NIH_MGC_431 Rattus norvegicus cDNA clone IMAGE:9088341 5', mRNA sequence [EV775254]	13,572
0	Rattus norvegicus similar to CG17293-PA (LOC289641), mRNA [XM_223435]	13,571
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZP37] [ENSRNOT00000060917]	13,571
Znf618	PREDICTED: Rattus norvegicus zinc finger protein 618 (Znf618), mRNA [XM_233016]	13,567
Atp11c-ps1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9J3] [ENSRNOT00000049120]	13,566
0	Q3UXV4_MOUSE (Q3UXV4) 12 days embryo male wolffian duct includes surrounding region cDNA, RIKEN full-length enriched library, clone:6720421K10 product:protein phosphatase 3, catalytic subunit, beta isoform, full insert sequence, partial (47%) [TC597142]	13,566
Pik3r5	Rattus norvegicus phosphoinositide-3-kinase, regulatory subunit 5 (Pik3r5), mRNA [NM_001191923]	13,565
Ano10	PREDICTED: Rattus norvegicus anoctamin 10 (Ano10), mRNA [XM_236774]	13,564
Arpc2	Rattus norvegicus actin related protein 2/3 complex, subunit 2 (Arpc2), mRNA [NM_001106919]	13,563
Tmprss7	Rattus norvegicus transmembrane serine protease 7 (Tmprss7), mRNA [NM_001105882]	13,561
Grk4	Rattus norvegicus G protein-coupled receptor kinase 4 (Grk4), mRNA [NM_022928]	13,560
Eid2b	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ38944 (RGD1560818), mRNA [XM_002725600]	13,559

Alkbh5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKD3] [ENSRNOT00000034006]	13,559
0	Rattus norvegicus TL0AAA49YL04 mRNA sequence. [FQ213104]	13,555
Lmtk2	Rattus norvegicus lemur tyrosine kinase 2 (Lmtk2), mRNA [NM_001137641]	13,553
Kcng1	Rattus norvegicus potassium voltage-gated channel, subfamily G, member 1 (Kcng1), mRNA [NM_001106545]	13,551
Fam5b	Rattus norvegicus family with sequence similarity 5, member B (Fam5b), mRNA [NM_173115]	13,550
Tnpo2	Rattus norvegicus transportin 2 (Tnpo2), mRNA [NM_001107166]	13,548
Pcdhg@	Protocadherin-T1 [Source:UniProtKB/TrEMBL;Acc:Q9JIU6] [ENSRNOT00000067185]	13,547
Slc39a6	Rattus norvegicus solute carrier family 39 (zinc transporter), member 6 (Slc39a6), mRNA [NM_001024745]	13,546
Ppp1r12b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 12B (Ppp1r12b), mRNA [NM_001107178]	13,545
Trmt6	Rattus norvegicus tRNA methyltransferase 6 homolog (S. cerevisiae) (Trmt6), mRNA [NM_001107779]	13,545
Cenpq	Rattus norvegicus centromere protein Q (Cenpq), mRNA [NM_001014215]	13,544
Isg20I2	Rattus norvegicus interferon stimulated exonuclease gene 20-like 2 (Isg20I2), mRNA [NM_001007741]	13,542
0	Mitogen-activated protein kinase 4 [Source:UniProtKB/Swiss-Prot;Acc:Q63454] [ENSRNOT00000020851]	13,542
EII	Rattus norvegicus elongation factor RNA polymerase II (EII), mRNA [NM_001107304]	13,541
Serpina11	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11 (Serpina11), transcript variant 2, mRNA [NM_001166352]	13,537
Paqr9	PREDICTED: Rattus norvegicus progesterin and adipoQ receptor family member IX (Paqr9), partial mRNA [XM_236503]	13,536
Tmem107	Rattus norvegicus transmembrane protein 107 (Tmem107), mRNA [NM_001109648]	13,533
Ndp	Rattus norvegicus Norrie disease (pseudoglioma) (human) (Ndp), mRNA [NM_001108814]	13,532
Tgfb2	Rattus norvegicus transforming growth factor, beta 2 (Tgfb2), mRNA [NM_031131]	13,530
LOC498675	Rattus norvegicus hypothetical LOC498675 (LOC498675), mRNA [NM_001109113]	13,527
0	sprouty homolog 3 [Source:RefSeq peptide;Acc:NP_001102533] [ENSRNOT00000011128]	13,524
Kcnc2	Rattus norvegicus potassium voltage gated channel, Shaw-related subfamily, member 2 (Kcnc2), transcript variant a, mRNA [NM_139216]	13,524
Nt5m	Rattus norvegicus 5',3'-nucleotidase, mitochondrial (Nt5m), nuclear gene encoding mitochondrial protein, mRNA [NM_001105785]	13,523
0	Unknown	13,522
Spag8	Rattus norvegicus sperm associated antigen 8 (Spag8), mRNA [NM_001173555]	13,521
LOC690079	Rattus norvegicus hypothetical protein LOC690079 (LOC690079), mRNA [NM_001109566]	13,521
0	fetal Alzheimer antigen [Source:RefSeq peptide;Acc:NP_001121007] [ENSRNOT00000055100]	13,520
Sumf1	Rattus norvegicus sulfatase modifying factor 1 (Sumf1), mRNA [NM_001108639]	13,519
Gnb1	Rattus norvegicus guanine nucleotide binding protein (G protein), beta polypeptide 1 (Gnb1), mRNA [NM_030987]	13,519
Lsm3	Rattus norvegicus LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae) (Lsm3), mRNA [NM_001106611]	13,515
0	Unknown	13,513
PVR	Rattus norvegicus poliovirus receptor (PVR), mRNA [NM_017076]	13,513
0	Unknown	13,508

Rpap1	Rattus norvegicus RNA polymerase II associated protein 1 (Rpap1), mRNA [NM_001033999]	13,508
Megf9	Rattus norvegicus multiple EGF-like-domains 9 (Megf9), mRNA [NM_001107940]	13,508
Ddx42	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 42 (Ddx42), mRNA [NM_001107059]	13,508
Rnf170	PREDICTED: Rattus norvegicus ring finger protein 170 (Rnf170), mRNA [XM_001061874]	13,507
Tbc1d22a	PREDICTED: Rattus norvegicus TBC1 domain family, member 22a (Tbc1d22a), mRNA [XM_001078492]	13,505
Rabep2	Rattus norvegicus rabaptin, RAB GTPase binding effector protein 2 (Rabep2), mRNA [NM_030585]	13,500
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAW3] [ENSRNOT00000055945]	13,500
LOC679580	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC679580), mRNA [XM_001053578]	13,500
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACX2] [ENSRNOT00000047604]	13,500
Txndc11	Rattus norvegicus thioredoxin domain containing 11 (Txndc11), mRNA [NM_001127532]	13,495
0	Unknown	13,494
LOC684558	PREDICTED: Rattus norvegicus similar to regulator of nonsense transcripts 1 (LOC684558), mRNA [XM_001070971]	13,492
Nav2	Rattus norvegicus neuron navigator 2 (Nav2), mRNA [NM_138529]	13,487
Ppp1r16b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 16B (Ppp1r16b), mRNA [NM_001191072]	13,487
Map4	Rattus norvegicus microtubule-associated protein 4 (Map4), mRNA [NM_001024278]	13,486
Etv5	Rattus norvegicus ets variant 5 (Etv5), mRNA [NM_001107082]	13,486
Acsl4	Rattus norvegicus acyl-CoA synthetase long-chain family member 4 (Acsl4), mRNA [NM_053623]	13,483
Fkbp5	Rattus norvegicus FK506 binding protein 5 (Fkbp5), mRNA [NM_001012174]	13,483
Schip1	Rattus norvegicus schwannomin interacting protein 1 (Schip1), mRNA [NM_001100666]	13,481
Grik4	Rattus norvegicus glutamate receptor, ionotropic, kainate 4 (Grik4), mRNA [NM_012572]	13,480
Gpr26	Rattus norvegicus G protein-coupled receptor 26 (Gpr26), mRNA [NM_138841]	13,479
Zhx2	Zinc fingers and homeoboxes protein 2 [Source:UniProtKB/Swiss-Prot;Acc:Q80VX4] [ENSRNOT00000007326]	13,479
RGD1564400	Rattus norvegicus similar to Eukaryotic translation initiation factor 5 (eIF-5) (LOC295660), mRNA [XM_212955]	13,478
0	Unknown	13,478
Myo6	PREDICTED: Rattus norvegicus myosin VI (Myo6), mRNA [XM_001061392]	13,474
Lrp6	Rattus norvegicus low density lipoprotein receptor-related protein 6 (Lrp6), mRNA [NM_001107892]	13,473
RGD1308923	Rattus norvegicus LOC362678 (RGD1308923), mRNA [NM_001108698]	13,473
Hibch	Rattus norvegicus 3-hydroxyisobutyryl-Coenzyme A hydrolase (Hibch), nuclear gene encoding mitochondrial protein, mRNA [NM_001013112]	13,472
Pnma2	Rattus norvegicus paraneoplastic antigen MA2 (Pnma2), mRNA [NM_001107272]	13,471
Slc29a4	Rattus norvegicus solute carrier family 29 (nucleoside transporters), member 4 (Slc29a4), mRNA [NM_001105911]	13,470
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZES7] [ENSRNOT00000017536]	13,466
Rnls	Rattus norvegicus renalase, FAD-dependent amine oxidase (Rnls), mRNA [NM_001014167]	13,463
Zfp748	Rattus norvegicus TL0AAA77YJ08 mRNA sequence. [FQ211879]	13,462
Tnrc6b	Rattus norvegicus trinucleotide repeat containing 6B (Tnrc6b), mRNA [NM_138845]	13,462

Sgcb	Rattus norvegicus sarcoglycan, beta (dystrophin-associated glycoprotein) (Sgcb), mRNA [NM_001191068]	13,461
Trim65	Rattus norvegicus tripartite motif-containing 65 (Trim65), mRNA [NM_001135714]	13,458
Maged1	Rattus norvegicus melanoma antigen, family D, 1 (Maged1), mRNA [NM_053409]	13,458
Plid2	Rattus norvegicus phospholipase D2 (Plid2), mRNA [NM_033299]	13,456
Sema6b	Rattus norvegicus sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B (Sema6b), mRNA [NM_053471]	13,455
Ddi2	Rattus norvegicus DNA-damage inducible protein 2 (Ddi2), mRNA [NM_001034149]	13,452
Hs2st1	Rattus norvegicus heparan sulfate 2-O-sulfotransferase 1 (Hs2st1), mRNA [NM_001100518]	13,448
0	Rattus norvegicus similar to hypothetical protein MGC31495 (LOC360655), mRNA [XM_340932]	13,446
Dpy30	Rattus norvegicus dpy-30 homolog (C. elegans) (Dpy30), transcript variant 1, mRNA [NM_173117]	13,446
Pitpna	Rattus norvegicus phosphatidylinositol transfer protein, alpha (Pitpna), mRNA [NM_017231]	13,446
Slc39a14	Rattus norvegicus solute carrier family 39 (zinc transporter), member 14 (Slc39a14), mRNA [NM_001107275]	13,445
Mrrf	Rattus norvegicus mitochondrial ribosome recycling factor (Mrrf), nuclear gene encoding mitochondrial protein, mRNA [NM_001008354]	13,443
Fam76b	Rattus norvegicus family with sequence similarity 76, member B (Fam76b), mRNA [NM_001108994]	13,443
0	Unknown	13,441
Fbxo11	Rattus norvegicus F-box protein 11 (Fbxo11), mRNA [NM_181631]	13,440
Jakmip3	Rattus norvegicus janus kinase and microtubule interacting protein 3 (Jakmip3), mRNA [NM_001163277]	13,438
Amz2	Rattus norvegicus archaelysin family metallopeptidase 2 (Amz2), mRNA [NM_001014121]	13,434
Nrip3	Rattus norvegicus nuclear receptor interacting protein 3 (Nrip3), mRNA [NM_001108498]	13,433
0	Unknown	13,431
Rnf44	Rattus norvegicus ring finger protein 44 (Rnf44), mRNA [NM_001024795]	13,431
Mkl1	PREDICTED: Rattus norvegicus megakaryoblastic leukemia (translocation) 1 (Mkl1), mRNA [XM_001077101]	13,430
Crygd	Rattus norvegicus crystallin, gamma D (Crygd), mRNA [NM_033095]	13,424
LOC688807	PREDICTED: Rattus norvegicus hypothetical protein LOC688807 (LOC688807), mRNA [XM_001068381]	13,424
Dpagt1	Rattus norvegicus dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase) (Dpagt1), mRNA [NM_199388]	13,423
Fcho2	Rattus norvegicus FCH domain only 2 (Fcho2), mRNA [NM_001191632]	13,420
Rras	Rattus norvegicus Harvey rat sarcoma virus oncogene, subgroup R (Rras), mRNA [NM_001108481]	13,419
Ath1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR78] [ENSRNOT00000020004]	13,419
Htr6	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 6 (Htr6), mRNA [NM_024365]	13,419
Mapk1	Rattus norvegicus mitogen activated protein kinase 1 (Mapk1), mRNA [NM_053842]	13,419
RGD1308134	Rattus norvegicus similar to RIKEN cDNA 1110020A23 (RGD1308134), mRNA [NM_001127521]	13,416
0	Unknown	13,414
0	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (RGD1560826), mRNA [XM_001075200]	13,414
LOC501224	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 2610042L04 (LOC501224), miscRNA [XR_005447]	13,413

C1qtnf5	Rattus norvegicus C1q and tumor necrosis factor related protein 5 (C1qtnf5), mRNA [NM_001012123]	13,411
Wars2	Rattus norvegicus tryptophanyl tRNA synthetase 2 (mitochondrial) (Wars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001168641]	13,409
Hrasls5	Rattus norvegicus HRAS-like suppressor family, member 5 (Hrasls5), mRNA [NM_001039007]	13,408
Slc22a6	Rattus norvegicus solute carrier family 22 (organic anion transporter), member 6 (Slc22a6), mRNA [NM_017224]	13,406
Mlec	Rattus norvegicus malectin (Mlec), mRNA [NM_001013983]	13,404
Kcnk4	Rattus norvegicus potassium channel, subfamily K, member 4 (Kcnk4), mRNA [NM_053804]	13,396
Gpc5	Rattus norvegicus glypican 5 (Gpc5), mRNA [NM_001107285]	13,396
0	Unknown	13,395
Ptger3	Rattus norvegicus prostaglandin E receptor 3 (subtype EP3) (Ptger3), mRNA [NM_012704]	13,394
0	Unknown	13,394
Cntn6	Rattus norvegicus contactin 6 (Cntn6), mRNA [NM_013225]	13,390
Pcp4	Rattus norvegicus Purkinje cell protein 4 (Pcp4), mRNA [NM_013002]	13,390
Slc18a1	Rattus norvegicus solute carrier family 18 (vesicular monoamine), member 1 (Slc18a1), mRNA [NM_013152]	13,388
Btg2	Rattus norvegicus BTG family, member 2 (Btg2), mRNA [NM_017259]	13,387
Gpx1	Rattus norvegicus glutathione peroxidase 1 (Gpx1), mRNA [NM_030826]	13,385
Ppp1r13b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 13B (Ppp1r13b), mRNA [NM_001108062]	13,384
Pcyt1a	Choline-phosphate cytidyltransferase A [Source:UniProtKB/Swiss-Prot;Acc:P19836] [ENSRNOT00000002403]	13,382
Znf23	Rattus norvegicus zinc finger protein 23 (KOX 16) (Znf23), mRNA [NM_001107428]	13,382
Ptprd	PREDICTED: Rattus norvegicus protein tyrosine phosphatase, receptor type, D (Ptprd), mRNA [XM_233065]	13,380
Dgcr8	Rattus norvegicus DiGeorge syndrome critical region gene 8 (Dgcr8), mRNA [NM_001105865]	13,380
0	Unknown	13,379
Mpst	Rattus norvegicus mercaptopyruvate sulfurtransferase (Mpst), nuclear gene encoding mitochondrial protein, mRNA [NM_138843]	13,379
RGD1565095	Rattus norvegicus similar to hypothetical protein MGC52110 (RGD1565095), mRNA [NM_001195488]	13,378
Apoc4	Rattus norvegicus apolipoprotein C-IV (Apoc4), mRNA [NM_001109419]	13,377
Rap2a	Rattus norvegicus RAS related protein 2a (Rap2a), mRNA [NM_053741]	13,376
Nppc	Rattus norvegicus natriuretic peptide precursor C (Nppc), mRNA [NM_053750]	13,376
Tbc1d5	Rattus norvegicus TBC1 domain family, member 5 (Tbc1d5), mRNA [NM_001134762]	13,375
Rnf167	Rattus norvegicus ring finger protein 167 (Rnf167), mRNA [NM_001008361]	13,371
Lrig1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD84] [ENSRNOT00000017384]	13,369
RGD1308154	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADL7] [ENSRNOT00000002356]	13,367
LOC361914	Rattus norvegicus similar to solute carrier family 7 (cationic amino acid transporter, y+ system), member 12 (LOC361914), mRNA [NM_001017465]	13,365
Sar1b	Rattus norvegicus SAR1 homolog B (S. cerevisiae) (Sar1b), mRNA [NM_001009622]	13,364
Ppp1r3a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 3A (Ppp1r3a), mRNA [NM_001109222]	13,363

Pigz	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class Z (Pigz), mRNA [NM_001109525]	13,360
Megf11	PREDICTED: Rattus norvegicus multiple EGF-like-domains 11 (Megf11), mRNA [XM_001078620]	13,358
Map7d2	PREDICTED: Rattus norvegicus MAP7 domain containing 2 (Map7d2), mRNA [XM_001054594]	13,356
Arhgef18	Rattus norvegicus rho/rac guanine nucleotide exchange factor (GEF) 18 (Arhgef18), mRNA [NM_001107115]	13,351
Nkg7	Rattus norvegicus natural killer cell group 7 sequence (Nkg7), mRNA [NM_133540]	13,351
Mapk1ip1l	Rattus norvegicus mitogen-activated protein kinase 1 interacting protein 1-like (Mapk1ip1l), mRNA [NM_001108373]	13,348
Slc11a2	Rattus norvegicus solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 (Slc11a2), mRNA [NM_013173]	13,346
0	Unknown	13,346
Col1a1	Rattus norvegicus collagen, type I, alpha 1 (Col1a1), mRNA [NM_053304]	13,345
Tbc1d2b	Rattus norvegicus TBC1 domain family, member 2B (Tbc1d2b), mRNA [NM_001108175]	13,343
Prokr2	Rattus norvegicus prokineticin receptor 2 (Prokr2), mRNA [NM_138978]	13,343
Nnt	Rattus norvegicus nicotinamide nucleotide transhydrogenase (Nnt), nuclear gene encoding mitochondrial protein, mRNA [NM_001013157]	13,343
LOC499602	Rattus norvegicus hypothetical protein LOC499602 (LOC499602), mRNA [NM_001025039]	13,342
Cdipt	Rattus norvegicus CDP-diacylglycerol--inositol 3-phosphatidyltransferase (phosphatidylinositol synthase) (Cdipt), mRNA [NM_138899]	13,341
MGC72627	Rattus norvegicus similar to RIKEN cDNA A330021E22, mRNA (cDNA clone MGC:72627 IMAGE:5600085), complete cds. [BC061963]	13,339
Etv5	Rattus norvegicus ets variant 5 (Etv5), mRNA [NM_001107082]	13,336
Samsn1	Rattus norvegicus SAM domain, SH3 domain and nuclear localization signals, 1 (Samsn1), mRNA [NM_130821]	13,336
Fam76a	Rattus norvegicus family with sequence similarity 76, member A (Fam76a), mRNA [NM_001108686]	13,333
Znf688	Uncharacterized protein Zinc finger protein 688 (Predicted), isoform CRA_b [Source:UniProtKB/TrEMBL;Acc:D3ZAB7] [ENSRNOT00000024858]	13,332
Pdpk1	Rattus norvegicus 3-phosphoinositide dependent protein kinase-1 (Pdpk1), mRNA [NM_031081]	13,330
0	Rod-derived cone viability factor (RCG38817) [Source:UniProtKB/TrEMBL;Acc:B5LNR2] [ENSRNOT00000024434]	13,329
Mlx	Rattus norvegicus MAX-like protein X (Mlx), mRNA [NM_001034112]	13,329
Steap3	Rattus norvegicus STEAP family member 3 (Steap3), mRNA [NM_133314]	13,329
Polb	DNA polymerase beta [Source:UniProtKB/Swiss-Prot;Acc:P06766] [ENSRNOT00000026039]	13,327
LOC680443	PREDICTED: Rattus norvegicus hypothetical protein LOC680443 (LOC680443), mRNA [XM_002727352]	13,327
0	Unknown	13,326
0	Unknown	13,325
Dos	Rattus norvegicus downstream of Stk11 (Dos), mRNA [NM_001108070]	13,322
Birc6	Rattus norvegicus baculoviral IAP repeat-containing 6 (Birc6), mRNA [NM_001170596]	13,320
LOC691684	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC691684), mRNA [XM_001079259]	13,320
Rgs7	Rattus norvegicus regulator of G-protein signaling 7 (Rgs7), mRNA [NM_019343]	13,319
Fam49b	Rattus norvegicus family with sequence similarity 49, member B (Fam49b), mRNA [NM_001126267]	13,318
Rprd1a	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAU4] [ENSRNOT00000021624]	13,318
Casc5	Rattus norvegicus cancer susceptibility candidate 5 (Casc5), mRNA [NM_001170594]	13,316

Reep4	Rattus norvegicus receptor accessory protein 4 (Reep4), mRNA [NM_001025279]	13,315
Isl2	Rattus norvegicus ISL LIM homeobox 2 (Isl2), mRNA [NM_020471]	13,313
0	Unknown	13,308
Cnrip1	Rattus norvegicus cannabinoid receptor interacting protein 1 (Cnrip1), mRNA [NM_001014232]	13,306
lcmt	Rattus norvegicus isoprenylcysteine carboxyl methyltransferase (lcmt), mRNA [NM_133310]	13,303
Plxdc2	Rattus norvegicus plexin domain containing 2 (Plxdc2), mRNA [NM_001108422]	13,301
RGD1559643	Rattus norvegicus similar to hypothetical protein A430031N04 (RGD1559643), mRNA [NM_001109056]	13,300
Tfpt	Rattus norvegicus TCF3 (E2A) fusion partner (Tfpt), mRNA [NM_138870]	13,297
Gpkow	Rattus norvegicus G patch domain and KOW motifs (Gpkow), mRNA [NM_001109381]	13,296
0	Unknown	13,295
Mcam	Rattus norvegicus melanoma cell adhesion molecule (Mcam), transcript variant 1, mRNA [NM_023983]	13,295
0	Unknown	13,295
Panx2	Rattus norvegicus pannexin 2 (Panx2), mRNA [NM_199409]	13,295
Lingo4	Rattus norvegicus leucine rich repeat and Ig domain containing 4 (Lingo4), mRNA [NM_001109189]	13,294
Zfpm2	Rattus norvegicus zinc finger protein, multitype 2 (Zfpm2), mRNA [NM_001130501]	13,292
0	Unknown	13,291
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDF2] [ENSRNOT00000042956]	13,287
Slc25a16	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, Graves disease autoantigen), member 16 (Slc25a16), nuclear gene encoding mitochondrial protein, mRNA [NM_001100860]	13,287
0	AGENCOURT_109870696 NIH_MGC_418 Rattus norvegicus cDNA clone IMAGE:9022683 5', mRNA sequence [EV763695]	13,286
Hyal1	Rattus norvegicus hyaluronoglucosaminidase 1 (Hyal1), mRNA [NM_207616]	13,283
Limch1	Rattus norvegicus LIM and calponin homology domains 1 (Limch1), mRNA [NM_001191678]	13,283
LOC680813	PREDICTED: Rattus norvegicus hypothetical protein LOC680813 (LOC680813), partial mRNA [XM_001058991]	13,280
Eif4ebp3	Rattus norvegicus eukaryotic translation initiation factor 4E binding protein 3 (Eif4ebp3), mRNA [NM_001202552]	13,280
0	Unknown	13,277
Olr1051	Rattus norvegicus olfactory receptor 1051 (Olr1051), mRNA [NM_001001364]	13,277
0	Unknown	13,275
Np	Rattus norvegicus nucleoside phosphorylase (Np), mRNA [NM_001106031]	13,274
Spryd3	Rattus norvegicus SPRY domain containing 3 (Spryd3), mRNA [NM_001191790]	13,273
Plcb3	Rattus norvegicus phospholipase C, beta 3 (phosphatidylinositol-specific) (Plcb3), mRNA [NM_033350]	13,272
Stau2	Rattus norvegicus staufen, RNA binding protein, homolog 2 (Drosophila) (Stau2), transcript variant LS, mRNA [NM_134466]	13,269
Itgbl1	Rattus norvegicus integrin, beta-like 1 (Itgbl1), mRNA [NM_001017505]	13,268
Hnrnpab	Rattus norvegicus heterogeneous nuclear ribonucleoprotein A/B (Hnrnpab), mRNA [NM_031330]	13,264
LOC257650	Rattus norvegicus hippyragranin (LOC257650), mRNA [NM_147142]	13,264

Creb3l3	Rattus norvegicus cAMP responsive element binding protein 3-like 3 (Creb3l3), mRNA [NM_001012115]	13,263
Abce1	Rattus norvegicus ATP-binding cassette, subfamily E (OABP), member 1 (Abce1), mRNA [NM_001108446]	13,263
Pfkfb2	Rattus norvegicus 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2 (Pfkfb2), transcript variant 3, mRNA [NM_080477]	13,261
0	AB211061 ES cell associated transcript 8 {Mus musculus} (exp=-1; wgp=0; cg=0), partial (32%) [TC600461]	13,260
Armc8	Rattus norvegicus armadillo repeat containing 8 (Armc8), mRNA [NM_001173354]	13,255
Kif12	Rattus norvegicus kinesin family member 12 (Kif12), mRNA [NM_001012102]	13,255
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000050021]	13,255
LOC690082	PREDICTED: Rattus norvegicus similar to melanoma ubiquitous mutated protein (LOC690082), mRNA [XM_001073181]	13,249
Zfc3h1	PREDICTED: Rattus norvegicus proline/serine-rich coiled-coil 2, transcript variant 2 (Psrc2), mRNA [XM_001078700]	13,248
Nans	Rattus norvegicus N-acetylneuraminic acid synthase (Nans), mRNA [NM_001106655]	13,247
0	Calsyntenin-1 Soluble Alc-alphaCTF1-alpha [Source:UniProtKB/Swiss-Prot;Acc:Q6Q0N0] [ENSRNOT00000022100]	13,245
Znf865	Rattus norvegicus zinc finger protein 865 (Znf865), mRNA [NM_001134544]	13,241
Znf574	Rattus norvegicus zinc finger protein 574 (Znf574), mRNA [NM_001024258]	13,241
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC363090), mRNA [XM_343421]	13,238
Fat1	Rattus norvegicus FAT tumor suppressor homolog 1 (Drosophila) (Fat1), mRNA [NM_031819]	13,236
Aptx	Rattus norvegicus aprataxin (Aptx), mRNA [NM_148889]	13,235
Pak1	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 1 (Pak1), mRNA [NM_017198]	13,233
Ddt	Rattus norvegicus D-dopachrome tautomerase (Ddt), mRNA [NM_024131]	13,232
Eif4b	Rattus norvegicus eukaryotic translation initiation factor 4B (Eif4b), mRNA [NM_001008324]	13,232
0	Unknown	13,232
0	Unknown	13,219
Olr297	Rattus norvegicus olfactory receptor 297 (Olr297), mRNA [NM_001000234]	13,218
0	Rattus norvegicus TL0ADA43YL03 mRNA sequence. [FQ220235]	13,211
0	Unknown	13,208
Banp	Rattus norvegicus Btg3 associated nuclear protein (Banp), mRNA [NM_001106191]	13,207
Rgs3	Rattus norvegicus regulator of G-protein signaling 3 (Rgs3), mRNA [NM_019340]	13,207
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS52] [ENSRNOT00000050090]	13,204
0	AF326545 syntaxin binding protein 1 {Mus musculus} (exp=-1; wgp=0; cg=0), partial (5%) [TC627900]	13,204
0	Rattus norvegicus perlecan mRNA, partial cds. [U75305]	13,202
Slc35a5	Rattus norvegicus solute carrier family 35, member A5 (Slc35a5), mRNA [NM_001191927]	13,199
Rexo2	Rattus norvegicus REX2, RNA exonuclease 2 homolog (S. cerevisiae) (Rexo2), mRNA [NM_001008326]	13,198
Pcdhga11	Rattus norvegicus protocadherin gamma subfamily A, 11 (Pcdhga11), mRNA [NM_001037153]	13,197
Noxo1	Rattus norvegicus NADPH oxidase organizer 1 (Noxo1), mRNA [NM_001106986]	13,197

Mfng	Rattus norvegicus MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (Mfng), mRNA [NM_199110]	13,196
Nipa1	Rattus norvegicus non imprinted in Prader-Willi/Angelman syndrome 1 homolog (human) (Nipa1), mRNA [NM_001107519]	13,196
Prkacb	Rattus norvegicus protein kinase, cAMP dependent, catalytic, beta (Prkacb), mRNA [NM_001077645]	13,192
RGD1304694	Uncharacterized protein C22orf9 homolog [Source:UniProtKB/Swiss-Prot;Acc:Q4G008] [ENSRNOT00000042070]	13,192
Lpcat1	Rattus norvegicus lysophosphatidylcholine acyltransferase 1 (Lpcat1), mRNA [NM_001100735]	13,182
Mfsd9	Rattus norvegicus major facilitator superfamily domain containing 9 (Mfsd9), mRNA [NM_001108215]	13,181
Prkcdbp	Rattus norvegicus protein kinase C, delta binding protein (Prkcdbp), mRNA [NM_134449]	13,181
Usp9x	Rattus norvegicus ubiquitin specific peptidase 9, X-linked (Usp9x), transcript variant 1, mRNA [NM_001135893]	13,180
0	Unknown	13,179
Cadm2	Rattus norvegicus cell adhesion molecule 2 (Cadm2), mRNA [NM_001047102]	13,179
Extl3	Rattus norvegicus exostoses (multiple)-like 3 (Extl3), mRNA [NM_020097]	13,178
0	RVL6921 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV716564]	13,176
Elk4	Rattus norvegicus ELK4, ETS-domain protein (SRF accessory protein 1) (Elk4), mRNA [NM_001107173]	13,175
Pdzd4	Rattus norvegicus PDZ domain containing 4 (Pdzd4), mRNA [NM_001135836]	13,173
Crmp1	Rattus norvegicus collapsin response mediator protein 1 (Crmp1), mRNA [NM_012932]	13,170
0	UI-R-DZ1-cne-j-11-0-UI.s1 UI-R-DZ1 Rattus norvegicus cDNA clone UI-R-DZ1-cne-j-11-0-UI 3', mRNA sequence [CN543219]	13,169
LOC682999	Rattus norvegicus hypothetical protein LOC682999 (LOC682999), mRNA [NM_001127600]	13,169
0	Thyroid hormone receptor associated protein 2 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJC6] [ENSRNOT00000042331]	13,167
0	Unknown	13,166
Pragmin	Rattus norvegicus pragma of Rnd2 (Pragmin), mRNA [NM_001107315]	13,166
Stip1	Rattus norvegicus stress-induced phosphoprotein 1 (Stip1), mRNA [NM_138911]	13,162
0	PREDICTED: Rattus norvegicus zinc finger protein 407 (Zfp407), mRNA [XM_001061052]	13,162
0	Unknown	13,158
Zfp365	Rattus norvegicus zinc finger protein 365 (Zfp365), mRNA [NM_001025145]	13,158
RGD1563034	PREDICTED: Rattus norvegicus similar to ETS domain transcription factor ERF (Ets2 repressor factor) (RGD1563034), mRNA [XM_218458]	13,157
Grin2a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate 2A (Grin2a), mRNA [NM_012573]	13,156
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZME3] [ENSRNOT00000032908]	13,156
Akt2	Rattus norvegicus v-akt murine thymoma viral oncogene homolog 2 (Akt2), mRNA [NM_017093]	13,151
Zfp800	Rattus norvegicus zinc finger protein 800 (Zfp800), mRNA [NM_001109225]	13,150
Fcgbp1	Rattus norvegicus Fc fragment of IgG binding protein-like 1 (Fcgbp1), mRNA [NM_001164656]	13,149
0	Unknown	13,145
Tpm1	Rattus norvegicus tropomyosin 1, alpha (Tpm1), transcript variant 1, mRNA [NM_001034068]	13,141
Adnp	Rattus norvegicus activity-dependent neuroprotector homeobox (Adnp), mRNA [NM_022681]	13,138

0	BF521738 UI-R-C2-mt-d-06-0-UI.r2 UI-R-C2 Rattus norvegicus cDNA clone UI-R-C2-mt-d-06-0-UI 5', mRNA sequence [BF521738]	13,136
C1galt1	Rattus norvegicus core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1 (C1galt1), mRNA [NM_022950]	13,135
Gpr68	Rattus norvegicus G protein-coupled receptor 68 (Gpr68), mRNA [NM_001108049]	13,134
LOC685079	RCG32134, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY25] [ENSRNOT00000030054]	13,134
LOC363306	PREDICTED: Rattus norvegicus hypothetical protein LOC363306 (LOC363306), mRNA [XM_001068086]	13,131
Myh10	Rattus norvegicus myosin, heavy chain 10, non-muscle (Myh10), mRNA [NM_031520]	13,129
0	Unknown	13,128
Ppp2r5b	Rattus norvegicus protein phosphatase 2, regulatory subunit B', beta isoform (Ppp2r5b), mRNA [NM_181379]	13,127
Gabarapl1	Rattus norvegicus GABA(A) receptor-associated protein like 1 (Gabarapl1), mRNA [NM_001044294]	13,126
0	Dedicator of cyto-kinesis 3 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A998] [ENSRNOT00000019867]	13,126
0	Unknown	13,125
Shbg	Rattus norvegicus sex hormone binding globulin (Shbg), mRNA [NM_012650]	13,125
Bin1	Rattus norvegicus bridging integrator 1 (Bin1), mRNA [NM_053959]	13,123
Fzd7	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADM3] [ENSRNOT00000033707]	13,121
Amigo1	Rattus norvegicus adhesion molecule with Ig like domain 1 (Amigo1), mRNA [NM_206881]	13,120
Stra6	Rattus norvegicus stimulated by retinoic acid gene 6 (Stra6), mRNA [NM_001029924]	13,117
Met	Rattus norvegicus met proto-oncogene (Met), mRNA [NM_031517]	13,117
Spns2	Rattus norvegicus spinster homolog 2 (Spns2), mRNA [NM_001144991]	13,117
Ccl27	Rattus norvegicus chemokine (C-C motif) ligand 27 (Ccl27), mRNA [NM_001108660]	13,116
Tmsb10	Rattus norvegicus thymosin, beta 10 (Tmsb10), mRNA [NM_021261]	13,112
Spc25	Rattus norvegicus SPC25, NDC80 kinetochore complex component, homolog (S. cerevisiae) (Spc25), mRNA [NM_001009654]	13,111
Pfkfb3	Rattus norvegicus 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (Pfkfb3), mRNA [NM_057135]	13,111
Kcnk9	Rattus norvegicus potassium channel, subfamily K, member 9 (Kcnk9), mRNA [NM_053405]	13,110
0	Unknown	13,110
0	Unknown	13,109
0	Unknown	13,104
Elavl4	Rattus norvegicus ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D) (Elavl4), mRNA [NM_001077651]	13,103
Cmtm4	Rattus norvegicus CKLF-like MARVEL transmembrane domain containing 4 (Cmtm4), mRNA [NM_001172151]	13,103
Zfp36l2	Rattus norvegicus zinc finger protein 36, C3H type-like 2 (Zfp36l2), mRNA [NM_001036626]	13,102
LOC688019	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAX9] [ENSRNOT00000005443]	13,102
Fubp3	Rattus norvegicus far upstream element (FUSE) binding protein 3 (Fubp3), mRNA [NM_001039337]	13,102
Ksr1	Rattus norvegicus kinase suppressor of ras 1 (Ksr1), mRNA [NM_001108284]	13,100
Olr528	Rattus norvegicus olfactory receptor 528 (Olr528), mRNA [NM_001000319]	13,099
Asam	Rattus norvegicus adipocyte-specific adhesion molecule (Asam), mRNA [NM_173154]	13,098

Pcdha2	Rattus norvegicus protocadherin alpha 2 (Pcdha2), mRNA [NM_199504]	13,097
Inpp4a	Rattus norvegicus inositol polyphosphate-4-phosphatase, type 1 (Inpp4a), mRNA [NM_031002]	13,097
Siae	Rattus norvegicus sialic acid acetyltransferase (Siae), mRNA [NM_001108759]	13,096
0	Rattus norvegicus TL0AEA14YL01 mRNA sequence. [FQ227170]	13,096
Pitx3	Rattus norvegicus paired-like homeodomain 3 (Pitx3), mRNA [NM_019247]	13,094
Msi1	Rattus norvegicus Musashi homolog 1(Drosophila) (Msi1), mRNA [NM_148890]	13,093
Unc119	Rattus norvegicus UNC-119 homolog (C. elegans) (Unc119), mRNA [NM_017188]	13,092
Calhm2	Rattus norvegicus calcium homeostasis modulator 2 (Calhm2), mRNA [NM_001008306]	13,092
Mrm1	Rattus norvegicus mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae) (Mrm1), nuclear gene encoding mitochondrial protein, mRNA [NM_001108832]	13,086
0	Unknown	13,084
0	Histone deacetylase 7 [Source:UniProtKB/Swiss-Prot;Acc:Q99P96] [ENSRNOT00000011159]	13,084
0	Rattus norvegicus similar to olfactory receptor MOR111-1 (LOC288810), mRNA [XM_222344]	13,082
Rps6ka3	Rattus norvegicus ribosomal protein S6 kinase polypeptide 3 (Rps6ka3), mRNA [NM_001192004]	13,079
RGD1564657	PREDICTED: Rattus norvegicus similar to cathepsin 1 precursor (RGD1564657), mRNA [XM_001065135]	13,076
Prkab1	Rattus norvegicus protein kinase, AMP-activated, beta 1 non-catalytic subunit (Prkab1), mRNA [NM_031976]	13,073
Klf9	Rattus norvegicus Kruppel-like factor 9 (Klf9), mRNA [NM_057211]	13,073
Fam96b	Rattus norvegicus family with sequence similarity 96, member B (Fam96b), mRNA [NM_001144854]	13,072
RGD1562720	Rattus norvegicus similar to hypothetical protein FLJ25369 (RGD1562720), mRNA [NM_001109240]	13,071
Tmem50b	Rattus norvegicus transmembrane protein 50B (Tmem50b), mRNA [NM_001025014]	13,069
Gprc5a	Rattus norvegicus G protein-coupled receptor, family C, group 5, member A (Gprc5a), mRNA [NM_001079890]	13,069
Adamts7	Rattus norvegicus ADAM metalloproteinase with thrombospondin type 1 motif, 7 (Adamts7), mRNA [NM_001047101]	13,068
Plekhb2	Rattus norvegicus pleckstrin homology domain containing, family B (evectins) member 2 (Plekhb2), mRNA [NM_001106899]	13,065
0	Unknown	13,063
Entpd2	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 2 (Entpd2), mRNA [NM_172030]	13,057
Med12	Rattus norvegicus mediator complex subunit 12 (Med12), mRNA [NM_001193292]	13,057
Fgfr2	Rattus norvegicus fibroblast growth factor receptor 2 (Fgfr2), transcript variant a, mRNA [NM_012712]	13,056
Adh4	Rattus norvegicus alcohol dehydrogenase 4 (class II), pi polypeptide (Adh4), mRNA [NM_017270]	13,056
LOC361646	Rattus norvegicus similar to K04F10.2 (LOC361646), mRNA [NM_001134574]	13,055
Mtss1	Rattus norvegicus metastasis suppressor 1 (Mtss1), mRNA [NM_001130563]	13,052
0	predicted gene 101 Pseudogene [Source:MGI Symbol;Acc:MGI:2684947] [ENSRNOT00000039049]	13,052
Prps1	Rattus norvegicus phosphoribosyl pyrophosphate synthetase 1 (Prps1), mRNA [NM_017243]	13,052
Trim62	PREDICTED: Rattus norvegicus tripartite motif-containing 62 (Trim62), mRNA [XM_001060201]	13,052
Psm11	Rattus norvegicus proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 (Psm11), mRNA [NM_001107027]	13,048

Pltp	Rattus norvegicus phospholipid transfer protein (Pltp), mRNA [NM_001168543]	13,043
Acn9	Rattus norvegicus ACN9 homolog (<i>S. cerevisiae</i>) (Acn9), mRNA [NM_001047914]	13,043
Narg1	Rattus norvegicus NMDA receptor regulated 1 (Narg1), mRNA [NM_001107674]	13,040
Adck2	Rattus norvegicus aarF domain containing kinase 2 (Adck2), mRNA [NM_001107855]	13,040
Meis3	Rattus norvegicus Meis homeobox 3 (Meis3), mRNA [NM_001108472]	13,038
Pfas	Rattus norvegicus phosphoribosylformylglycinamide synthase (Pfas), mRNA [NM_001105791]	13,038
Itpkc	Rattus norvegicus inositol 1,4,5-trisphosphate 3-kinase C (Itpkc), mRNA [NM_178094]	13,037
LOC682329	PREDICTED: Rattus norvegicus similar to Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) (LOC682329), mRNA [XM_001061045]	13,036
Htra1	Rattus norvegicus HtrA serine peptidase 1 (Htra1), mRNA [NM_031721]	13,035
Cbx7	Rattus norvegicus chromobox homolog 7 (Cbx7), mRNA [NM_199117]	13,033
Cym	Rattus norvegicus chymosin (Cym), mRNA [NM_020091]	13,032
0	PREDICTED: Rattus norvegicus adenomatosis polyposis coli down-regulated 1 (Apcdd1), mRNA [XM_001071384]	13,028
0	Unknown	13,025
0	Unknown	13,025
RGD1308601	Rattus norvegicus similar to hypothetical protein (RGD1308601), mRNA [NM_001107374]	13,024
Clip1	Rattus norvegicus CAP-GLY domain containing linker protein 1 (Clip1), mRNA [NM_031745]	13,024
Vom1r23	Rattus norvegicus vomeronasal 1 receptor 23 (Vom1r23), mRNA [NM_001008941]	13,024
0	Unknown	13,023
Deaf1	Rattus norvegicus deformed epidermal autoregulatory factor 1 (<i>Drosophila</i>) (Deaf1), mRNA [NM_031801]	13,022
RGD1562755	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNM1] [ENSRNOT00000051559]	13,021
0	Rattus norvegicus zinc finger protein 1 (DZF1) mRNA, partial cds. [U78129]	13,021
Galp	Rattus norvegicus galanin-like peptide (Galp), mRNA [NM_022633]	13,019
Axin1	Rattus norvegicus axin 1 (Axin1), mRNA [NM_024405]	13,019
0	Unknown	13,018
0	Unknown	13,016
Myo9a	Rattus norvegicus myosin IXA (Myo9a), mRNA [NM_134335]	13,015
Cdkn3	Rattus norvegicus cyclin-dependent kinase inhibitor 3 (Cdkn3), mRNA [NM_001106028]	13,013
Rec8	Rattus norvegicus REC8 homolog (yeast) (Rec8), mRNA [NM_001011916]	13,008
Map2k5	Rattus norvegicus mitogen activated protein kinase kinase 5 (Map2k5), transcript variant 2, mRNA [NM_017246]	13,007
LOC683674	PREDICTED: Rattus norvegicus similar to Protein C7orf26 homolog (LOC683674), mRNA [XM_001064018]	13,007
0	Condensin complex subunit 2 [Source:UniProtKB/TrEMBL;Acc:D4A8M7] [ENSRNOT00000016157]	13,003
Tecpr1	Rattus norvegicus tectonin beta-propeller repeat containing 1 (Tecpr1), mRNA [NM_001037191]	13,001
Ubn2	Rattus norvegicus ubinuclein 2 (Ubn2), mRNA [NM_001134553]	12,998

Rxrg	Rattus norvegicus retinoid X receptor gamma (Rxrg), mRNA [NM_031765]	12,995
LOC680441	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSR8] [ENSRNOT00000051510]	12,995
RGD1306286	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLP7] [ENSRNOT00000022767]	12,995
Uqcc	Rattus norvegicus ubiquinol-cytochrome c reductase complex chaperone (Uqcc), nuclear gene encoding mitochondrial protein, mRNA [NM_001109446]	12,994
0	Unknown	12,992
Dnm1	Rattus norvegicus dynamin 1 (Dnm1), mRNA [NM_080689]	12,991
Chchd5	Rattus norvegicus coiled-coil-helix-coiled-coil-helix domain containing 5 (Chchd5), mRNA [NM_001106509]	12,991
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG23] [ENSRNOT00000046737]	12,991
LOC682967	PREDICTED: Rattus norvegicus similar to Protein disulfide-isomerase TXNDC10 precursor (Thioredoxin domain-containing protein 10) (LOC682967), mRNA [XM_001063895]	12,989
Pprc1	Rattus norvegicus peroxisome proliferator-activated receptor gamma, coactivator-related 1 (Pprc1), mRNA [NM_001106363]	12,985
Dclre1c	Rattus norvegicus DNA cross-link repair 1C, PSO2 homolog (S. cerevisiae) (Dclre1c), mRNA [NM_147145]	12,983
Magea11	Rattus norvegicus melanoma antigen family A, 11 (Magea11), mRNA [NM_001013962]	12,982
Csnk2b	Rattus norvegicus casein kinase 2, beta polypeptide (Csnk2b), transcript variant 1, mRNA [NM_031021]	12,982
0	Q80V97_MOUSE (Q80V97) Itga9 protein (Fragment), partial (67%) [TC615359]	12,978
Arl6ip1	Rattus norvegicus ADP-ribosylation factor-like 6 interacting protein 1 (Arl6ip1), mRNA [NM_198737]	12,976
Ctdspl2	Rattus norvegicus CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2 (Ctdspl2), mRNA [NM_001014048]	12,975
0	Unknown	12,973
0	Unknown	12,972
Polr3g	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide G (Polr3g), mRNA [NM_001109468]	12,970
Ring1	Rattus norvegicus ring finger protein 1 (Ring1), mRNA [NM_212549]	12,969
Leprot	Rattus norvegicus leptin receptor overlapping transcript (Leprot), mRNA [NM_020099]	12,969
Elf2	Rattus norvegicus E74-like factor 2 (Elf2), transcript variant 2, mRNA [NM_001012181]	12,968
Pyy	Rattus norvegicus peptide YY (mapped) (Pyy), mRNA [NM_001034080]	12,967
LOC100359999	PREDICTED: Rattus norvegicus hypothetical protein LOC100359999 (LOC100359999), partial mRNA [XM_002729469]	12,967
Acadm	Rattus norvegicus acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain (Acadm), nuclear gene encoding mitochondrial protein, mRNA [NM_016986]	12,966
0	Rattus norvegicus cDNA clone IMAGE:7318973. [BC091362]	12,966
Zeb1	Rattus norvegicus zinc finger E-box binding homeobox 1 (Zeb1), mRNA [NM_013164]	12,964
Dmd	Rattus norvegicus dystrophin (Dmd), transcript variant Dp71a, mRNA [NM_012698]	12,963
Pptc7	Rattus norvegicus PTC7 protein phosphatase homolog (S. cerevisiae) (Pptc7), mRNA [NM_001107141]	12,962
RGD1304953	Rattus norvegicus similar to SSTK-interacting protein (RGD1304953), mRNA [NM_001108556]	12,959
Lrrn4cl	Rattus norvegicus LRRN4 C-terminal like (Lrrn4cl), mRNA [NM_001109579]	12,958

Jph3	Rattus norvegicus junctophilin 3 (Jph3), mRNA [NM_001107437]	12,957
Ephb1	Rattus norvegicus Eph receptor B1 (Ephb1), mRNA [NM_001104528]	12,955
Scd1	Rattus norvegicus stearyl-Coenzyme A desaturase 1 (Scd1), mRNA [NM_139192]	12,951
Napg	Rattus norvegicus N-ethylmaleimide-sensitive factor attachment protein, gamma (Napg), mRNA [NM_001107384]	12,951
0	Unknown	12,950
Pinx1	Rattus norvegicus PIN2-interacting protein 1 (Pinx1), mRNA [NM_001083337]	12,942
0	Q6QAQ5_PIG (Q6QAQ5) 60S ribosomal protein P1 (Fragment), partial (22%) [TC645425]	12,940
Grhl2	Rattus norvegicus grainyhead-like 2 (Drosophila) (Grhl2), mRNA [NM_001134527]	12,940
Bsdc1	Rattus norvegicus BSD domain containing 1 (Bsdc1), mRNA [NM_001106636]	12,940
0	Unknown	12,935
Atg14	Rattus norvegicus ATG14 autophagy related 14 homolog (S. cerevisiae) (Atg14), mRNA [NM_001107258]	12,934
Plekha7	Rattus norvegicus pleckstrin homology domain containing, family A member 7 (Plekha7), mRNA [NM_001144861]	12,930
0	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC501437), partial mRNA [XM_001074315]	12,930
Fgd6	Rattus norvegicus FYVE, RhoGEF and PH domain containing 6 (Fgd6), mRNA [NM_001137645]	12,930
Ntrk3	Rattus norvegicus neurotrophic tyrosine kinase, receptor, type 3 (Ntrk3), mRNA [NM_019248]	12,930
Utp14a	Rattus norvegicus UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast) (Utp14a), mRNA [NM_001014113]	12,927
Ubiad1	Rattus norvegicus UbiA prenyltransferase domain containing 1 (Ubiad1), mRNA [NM_001107993]	12,927
Ebp	Rattus norvegicus emopamil binding protein (sterol isomerase) (Ebp), mRNA [NM_057137]	12,923
Kcnj9	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 9 (Kcnj9), mRNA [NM_053834]	12,921
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9L4] [ENSRNOT00000057467]	12,921
Otud7b	Rattus norvegicus OTU domain containing 7B (Otud7b), mRNA [NM_001107697]	12,920
Spred1	Rattus norvegicus sprouty-related, EVH1 domain containing 1 (Spred1), mRNA [NM_001047089]	12,918
Car4	Rattus norvegicus carbonic anhydrase 4 (Car4), mRNA [NM_019174]	12,917
0	Unknown	12,916
Chfr	Rattus norvegicus checkpoint with forkhead and ring finger domains (Chfr), mRNA [NM_001009258]	12,915
Dusp3	Rattus norvegicus dual specificity phosphatase 3 (Dusp3), mRNA [NM_001173376]	12,914
Tmod2	Rattus norvegicus tropomodulin 2 (Tmod2), mRNA [NM_031613]	12,914
Olr1688	Rattus norvegicus olfactory receptor 1688 (Olr1688), mRNA [NM_001000275]	12,911
Lyl1	Rattus norvegicus lymphoblastic leukemia derived sequence 1 (Lyl1), mRNA [NM_001007677]	12,911
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZI73] [ENSRNOT00000026047]	12,908
Itga4	Rattus norvegicus integrin, alpha 4 (Itga4), mRNA [NM_001107737]	12,907
Syt16	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZB68] [ENSRNOT00000012374]	12,906
Krt84	Rattus norvegicus keratin 84 (Krt84), mRNA [NM_001008812]	12,905
Bzw1	Rattus norvegicus basic leucine zipper and W2 domains 1 (Bzw1), mRNA [NM_198789]	12,903

Pcdhb9	Rattus norvegicus protocadherin beta 9 (Pcdhb9), mRNA [NM_001109390]	12,903
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRM8] [ENSRNOT00000018544]	12,902
Dip2b	PREDICTED: Rattus norvegicus DIP2 disco-interacting protein 2 homolog B (Drosophila) (Dip2b), mRNA [XM_001063280]	12,899
Rcan1	Rattus norvegicus regulator of calcineurin 1 (Rcan1), mRNA [NM_153724]	12,897
40603	Rattus norvegicus membrane-associated ring finger (C3HC4) 11 (March11), mRNA [NM_001101828]	12,897
RGD1560470	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTF0] [ENSRNOT00000040995]	12,895
RGD1305235	Rattus norvegicus similar to RIKEN cDNA 1700052N19 (RGD1305235), mRNA [NM_001017447]	12,894
0	Steroidogenic factor 1 [Source:UniProtKB/Swiss-Prot;Acc:P50569] [ENSRNOT00000042720]	12,892
Lxn	Rattus norvegicus latexin (Lxn), mRNA [NM_031655]	12,889
Dynll1	Rattus norvegicus dynein light chain LC8-type 1 (Dynll1), mRNA [NM_053319]	12,887
Crtc2	Rattus norvegicus CREB regulated transcription coactivator 2 (Crtc2), mRNA [NM_001033895]	12,885
Cndp2	Rattus norvegicus CNDP dipeptidase 2 (metallopeptidase M20 family) (Cndp2), mRNA [NM_001010920]	12,884
Pcdhga3	Rattus norvegicus protocadherin gamma subfamily A, 3 (Pcdhga3), mRNA [NM_001037154]	12,882
0	Q3U6G1_MOUSE (Q3U6G1) Bone marrow macrophage cDNA, RIKEN full-length enriched library, clone:I830125G18 product:biliverdin reductase B (flavin reductase (NADPH)), full insert sequence, partial (78%) [TC609126]	12,882
0	PREDICTED: Rattus norvegicus similar to cactin CG1676-PA (LOC303590), miscRNA [XR_006385]	12,881
0	Unknown	12,880
Lypd2	Rattus norvegicus Ly6/Plaur domain containing 2 (Lypd2), mRNA [NM_001130545]	12,880
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE32] [ENSRNOT00000015993]	12,877
Tmem47	Rattus norvegicus transmembrane protein 47 (Tmem47), mRNA [NM_001109317]	12,877
Lrrc16a	Rattus norvegicus leucine rich repeat containing 16A (Lrrc16a), mRNA [NM_001191692]	12,876
0	Q920N8_MOUSE (Q920N8) Protein kinase C thetall, partial (79%) [TC595074]	12,876
Lyst	Rattus norvegicus lysosomal trafficking regulator (Lyst), mRNA [NM_053518]	12,875
LOC682033	Rattus norvegicus similar to Protein phosphatase 2A, 59 kDa regulatory subunit B (PP2A PR59) (PP2A B-PR59) (LOC682033), mRNA [NM_001139492]	12,875
Lin7c	Rattus norvegicus lin-7 homolog C (C. elegans) (Lin7c), mRNA [NM_021851]	12,874
0	Unknown	12,872
Mpp3	MAGUK p55 subfamily member 3 [Source:UniProtKB/Swiss-Prot;Acc:O88954] [ENSRNOT00000028264]	12,872
Slc22a12	Rattus norvegicus solute carrier family 22 (organic anion/urate transporter), member 12 (Slc22a12), mRNA [NM_001034943]	12,866
RGD1562291	PREDICTED: Rattus norvegicus similar to Human T-cell leukemia virus enhancer factor (Forkhead box protein N2) (RGD1562291), mRNA [XM_237502]	12,866
Taf1	Rattus norvegicus TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf1), mRNA [NM_001191723]	12,865
Pafah1b1	Rattus norvegicus platelet-activating factor acetylhydrolase, isoform 1b, subunit 1 (Pafah1b1), mRNA [NM_031763]	12,861
0	Unknown	12,861

0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDX5] [ENSRNOT00000043345]	12,859
Chn1	Rattus norvegicus chimerin (chimaerin) 1 (Chn1), mRNA [NM_032083]	12,854
0	Unknown	12,853
Mdh2	Rattus norvegicus malate dehydrogenase 2, NAD (mitochondrial) (Mdh2), nuclear gene encoding mitochondrial protein, mRNA [NM_031151]	12,849
0	Unknown	12,844
0	Unknown	12,843
LOC687270	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC687270), miscRNA [XR_085886]	12,841
Raly1	Rattus norvegicus RALY RNA binding protein-like (Raly1), mRNA [NM_001024978]	12,839
Chd8	Rattus norvegicus chromodomain helicase DNA binding protein 8 (Chd8), mRNA [NM_022933]	12,839
Mkrn1	Rattus norvegicus makorin ring finger protein 1 (Mkrn1), mRNA [NM_001004233]	12,835
RGD1563986	Rattus norvegicus similar to RIKEN cDNA E330009J07 gene (RGD1563986), mRNA [NM_001044701]	12,834
Tpo	Rattus norvegicus thyroid peroxidase (Tpo), mRNA [NM_019353]	12,834
Cap2	Rattus norvegicus CAP, adenylate cyclase-associated protein, 2 (yeast) (Cap2), mRNA [NM_053874]	12,831
Zfp187	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFY2] [ENSRNOT00000024693]	12,830
0	Unknown	12,828
Adamts15	Rattus norvegicus ADAM metallopeptidase with thrombospondin type 1 motif, 15 (Adamts15), mRNA [NM_001106810]	12,827
Rad23b	Rattus norvegicus RAD23 homolog B (S. cerevisiae) (Rad23b), mRNA [NM_001025275]	12,821
Larp5	Rattus norvegicus La ribonucleoprotein domain family, member 5 (Larp5), mRNA [NM_001107361]	12,820
Pdik1l	Rattus norvegicus PDLIM1 interacting kinase 1 like (Pdik1l), mRNA [NM_001107984]	12,820
Sgsm1	small G protein signaling modulator 1 [Source:RefSeq peptide;Acc:NP_001099407] [ENSRNOT00000056824]	12,815
Grhl1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZW4] [ENSRNOT00000038519]	12,810
Plcb2	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-2 [Source:UniProtKB/Swiss-Prot;Acc:O89040] [ENSRNOT00000011911]	12,808
Olr687	Rattus norvegicus olfactory receptor 687 (Olr687), mRNA [NM_001000356]	12,807
Aer61	Rattus norvegicus glycosyltransferase Aer61 (Aer61), mRNA [NM_001009502]	12,803
RGD1561849	Rattus norvegicus similar to RIKEN cDNA 3110035E14 (RGD1561849), mRNA [NM_001109260]	12,802
0	Oct 2 Pou-Homeo domain protein [Source:UniProtKB/TrEMBL;Acc:Q63388] [ENSRNOT00000027655]	12,802
Pabpn1	Rattus norvegicus poly(A) binding protein, nuclear 1 (Pabpn1), mRNA [NM_001135008]	12,801
Muc4	PREDICTED: Rattus norvegicus mucin 4, cell surface associated (Muc4), mRNA [XM_221384]	12,801
Ranbp1	Rattus norvegicus RAN binding protein 1 (Ranbp1), mRNA [NM_001108324]	12,800
LOC684822	PREDICTED: Rattus norvegicus similar to transcription elongation factor B (SIII), polypeptide 2 (LOC684822), mRNA [XM_002729867]	12,800
Intu	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACE5] [ENSRNOT00000014116]	12,796
Rpp21	Rattus norvegicus ribonuclease P 21 subunit (human) (Rpp21), mRNA [NM_001002831]	12,796
RGD1560527	PREDICTED: Rattus norvegicus similar to serine/threonine kinase (RGD1560527), mRNA [XM_001055752]	12,794
Mapk10	Rattus norvegicus mitogen activated protein kinase 10 (Mapk10), mRNA [NM_012806]	12,791

Pdk3	Rattus norvegicus pyruvate dehydrogenase kinase, isozyme 3 (Pdk3), nuclear gene encoding mitochondrial protein, mRNA [NM_001106581]	12,790
Nat15	Rattus norvegicus N-acetyltransferase 15 (GCN5-related, putative) (Nat15), mRNA [NM_001014226]	12,785
Cisd2	Rattus norvegicus CDGSH iron sulfur domain 2 (Cisd2), mRNA [NM_001191608]	12,785
Trim7	PREDICTED: Rattus norvegicus tripartite motif-containing 7, transcript variant 2 (Trim7), mRNA [XM_002724489]	12,780
Ppp3cc	Rattus norvegicus protein phosphatase 3, catalytic subunit, gamma isoform (Ppp3cc), mRNA [NM_134367]	12,780
Lcat	Rattus norvegicus lecithin cholesterol acyltransferase (Lcat), mRNA [NM_017024]	12,780
Efs	Rattus norvegicus embryonal Fyn-associated substrate (Efs), mRNA [NM_001106033]	12,780
Ykt6	Rattus norvegicus YKT6 v-SNARE homolog (S. cerevisiae) (Ykt6), mRNA [NM_031692]	12,777
Unc84b	PREDICTED: Rattus norvegicus unc-84 homolog B (C. elegans) (Unc84b), mRNA [XM_235483]	12,777
Rcvrn	Rattus norvegicus recoverin (Rcvrn), mRNA [NM_080901]	12,776
Cryga	Rattus norvegicus crystallin, gamma A (Cryga), mRNA [NM_001080936]	12,775
RGD1565117	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ54] [ENSRNOT00000045687]	12,774
Man2c1	Rattus norvegicus mannosidase, alpha, class 2C, member 1 (Man2c1), mRNA [NM_139256]	12,773
Sgk196	Rattus norvegicus protein kinase-like protein SgK196 (Sgk196), mRNA [NM_001024883]	12,773
LOC688657	PREDICTED: Rattus norvegicus similar to Olfactory receptor 5D13 (LOC688657), mRNA [XM_001067781]	12,773
Taok3	Rattus norvegicus TAO kinase 3 (Taok3), mRNA [NM_001024254]	12,771
Amigo2	Rattus norvegicus adhesion molecule with Ig like domain 2 (Amigo2), mRNA [NM_182816]	12,766
0	Unknown	12,765
Psrc1	Rattus norvegicus proline/serine-rich coiled-coil 1 (Psrc1), mRNA [NM_001044302]	12,762
0	Unknown	12,759
Nr1i2	Rattus norvegicus nuclear receptor subfamily 1, group I, member 2 (Nr1i2), mRNA [NM_052980]	12,757
Nedd9	Rattus norvegicus neural precursor cell expressed, developmentally down-regulated 9 (Nedd9), mRNA [NM_001011922]	12,754
Eif2s3x	Rattus norvegicus eukaryotic translation initiation factor 2, subunit 3, structural gene X-linked (Eif2s3x), mRNA [NM_001100542]	12,753
ST7	Rattus norvegicus suppression of tumorigenicity 7 (ST7), transcript variant 1, mRNA [NM_001004102]	12,753
Gnal	Rattus norvegicus guanine nucleotide binding protein, alpha stimulating, olfactory type (Gnal), mRNA [NM_001191836]	12,751
Ces2a	Rattus norvegicus carboxylesterase 2A (Ces2a), mRNA [NM_144743]	12,751
Fosl1	Rattus norvegicus fos-like antigen 1 (Fosl1), mRNA [NM_012953]	12,751
Ppp2r3c	Rattus norvegicus protein phosphatase 2, regulatory subunit B", gamma (Ppp2r3c), mRNA [NM_001014196]	12,749
Chd6	Rattus norvegicus chromodomain helicase DNA binding protein 6 (Chd6), mRNA [NM_001107797]	12,749
Adrbk2	Rattus norvegicus adrenergic, beta, receptor kinase 2 (Adrbk2), mRNA [NM_012897]	12,748
LOC690096	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEI0] [ENSRNOT00000012255]	12,747
Slmap	Rattus norvegicus sarcolemma associated protein (Slmap), mRNA [NM_001106060]	12,743
Tbc1d20	Rattus norvegicus TBC1 domain family, member 20 (Tbc1d20), mRNA [NM_001004281]	12,743
Mapt	Rattus norvegicus microtubule-associated protein tau (Mapt), mRNA [NM_017212]	12,740

RGD1304982	Rattus norvegicus similar to RIKEN cDNA 2810025M15 (RGD1304982), mRNA [NM_001113775]	12,739
Ecel1	Rattus norvegicus endothelin converting enzyme-like 1 (Ecel1), mRNA [NM_021776]	12,739
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC05] [ENSRNOT00000046525]	12,739
Ns5atp9	Rattus norvegicus NS5A (hepatitis C virus) transactivated protein 9 (Ns5atp9), mRNA [NM_201418]	12,737
0	Unknown	12,736
Usp32	Rattus norvegicus ubiquitin specific peptidase 32 (Usp32), mRNA [NM_001107032]	12,735
Slc4a8	Rattus norvegicus solute carrier family 4, sodium bicarbonate cotransporter, member 8 (Slc4a8), mRNA [NM_199497]	12,735
Ret	Rattus norvegicus ret proto-oncogene (Ret), transcript variant 2, mRNA [NM_001110099]	12,730
LOC685634	RCG31132Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACP2] [ENSRNOT00000019224]	12,729
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC302809), mRNA [XM_229109]	12,729
Ap3m2	Rattus norvegicus adaptor-related protein complex 3, mu 2 subunit (Ap3m2), mRNA [NM_133305]	12,729
Epb4.1l5	Rattus norvegicus erythrocyte protein band 4.1-like 5 (Epb4.1l5), mRNA [NM_001012023]	12,729
Col6a1	PREDICTED: Rattus norvegicus collagen, type VI, alpha 1 (Col6a1), mRNA [XM_001079629]	12,729
Olr1002	Rattus norvegicus olfactory receptor 1002 (Olr1002), mRNA [NM_001001371]	12,728
Ankib1	Rattus norvegicus ankyrin repeat and IBR domain containing 1 (Ankib1), mRNA [NM_001134781]	12,727
RGD1305713	Rattus norvegicus similar to RIKEN cDNA 3110040N11 (RGD1305713), mRNA [NM_001024749]	12,727
Nmt2	Rattus norvegicus N-myristoyltransferase 2 (Nmt2), mRNA [NM_207590]	12,724
Got2	Rattus norvegicus glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) (Got2), nuclear gene encoding mitochondrial protein, mRNA [NM_013177]	12,721
Basp1	Rattus norvegicus brain abundant, membrane attached signal protein 1 (Basp1), mRNA [NM_022300]	12,720
0	Unknown	12,718
Il33	Rattus norvegicus interleukin 33 (Il33), mRNA [NM_001014166]	12,718
Sema6c	Rattus norvegicus sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C (Sema6c), mRNA [NM_017308]	12,716
Fis1	Rattus norvegicus fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) (Fis1), nuclear gene encoding mitochondrial protein, mRNA [NM_001105919]	12,712
Fam32a	Rattus norvegicus family with sequence similarity 32, member A (Fam32a), mRNA [NM_001128078]	12,710
Fgfbp3	Rattus norvegicus fibroblast growth factor binding protein 3 (Fgfbp3), mRNA [NM_001109165]	12,709
Gpx2	Rattus norvegicus glutathione peroxidase 2 (Gpx2), mRNA [NM_183403]	12,708
RGD1563217	Rattus norvegicus similar to RIKEN cDNA 4930451I11 (RGD1563217), mRNA [NM_001109155]	12,706
Usp30	Rattus norvegicus ubiquitin specific peptidase 30 (Usp30), mRNA [NM_001107153]	12,703
C1ql2	Rattus norvegicus complement component 1, q subcomponent-like 2 (C1ql2), mRNA [NM_001105949]	12,703
0	Gdpd5 protein [Source:UniProtKB/TrEMBL;Acc:B5DF39] [ENSRNOT00000055321]	12,703
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFK7] [ENSRNOT00000050217]	12,703

Lass1	Rattus norvegicus LAG1 homolog, ceramide synthase 1 (Lass1), mRNA [NM_001044230]	12,700
Bat1	Rattus norvegicus HLA-B associated transcript 1 (Bat1), mRNA [NM_133300]	12,699
Nfkb1	Nuclear factor NF-kappa-B p105 subunitNuclear factor NF-kappa-B p50 subunit [Source:UniProtKB/Swiss-Prot;Acc:Q63369] [ENSRNOT00000036838]	12,693
Snx12	Rattus norvegicus sorting nexin 12 (Snx12), mRNA [NM_001108817]	12,693
Znf511	Rattus norvegicus zinc finger protein 511 (Znf511), mRNA [NM_001106309]	12,692
Brsk2	PREDICTED: Rattus norvegicus brain serine/threonine kinase 2 (Brsk2), mRNA [XM_001063734]	12,690
Foxd4	Forkhead box protein D4 [Source:UniProtKB/Swiss-Prot;Acc:Q63249] [ENSRNOT00000066752]	12,689
Gfra2	Rattus norvegicus GDNF family receptor alpha 2 (Gfra2), mRNA [NM_012750]	12,687
Hm13	Rattus norvegicus histocompatibility 13 (Hm13), mRNA [NM_001107789]	12,687
Rpl23a	Rattus norvegicus ribosomal protein L23a (Rpl23a), mRNA [NM_001108283]	12,684
LOC679580	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC679580), mRNA [XM_001053578]	12,684
Kcnmb2	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M, beta member 2 (Kcnmb2), mRNA [NM_176861]	12,681
Eya2	Rattus norvegicus eyes absent homolog 2 (Drosophila) (Eya2), mRNA [NM_130427]	12,679
Col9a1	Rattus norvegicus collagen, type IX, alpha 1 (Col9a1), mRNA [NM_001100842]	12,679
Eif5	Rattus norvegicus eukaryotic translation initiation factor 5 (Eif5), mRNA [NM_020075]	12,678
H2afy2	Rattus norvegicus H2A histone family, member Y2 (H2afy2), mRNA [NM_001135807]	12,678
Ppp2r2a	Rattus norvegicus protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform (Ppp2r2a), mRNA [NM_053999]	12,676
Colq	Acetylcholinesterase collagenic tail peptide [Source:UniProtKB/Swiss-Prot;Acc:O35167] [ENSRNOT00000026550]	12,674
Bmpr2	Rattus norvegicus bone morphogenetic protein receptor, type II (serine/threonine kinase) (Bmpr2), mRNA [NM_080407]	12,673
Cyb5r1	Rattus norvegicus cytochrome b5 reductase 1 (Cyb5r1), mRNA [NM_001013126]	12,673
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDF4] [ENSRNOT00000024704]	12,672
LOC684755	PREDICTED: Rattus norvegicus similar to zinc finger like protein 1, transcript variant 3 (LOC684755), mRNA [XM_001075288]	12,670
LOC688452	Rattus norvegicus hypothetical protein LOC688452 (LOC688452), mRNA [NM_001135720]	12,668
Tmem136	Rattus norvegicus transmembrane protein 136 (Tmem136), mRNA [NM_001108136]	12,668
0	Unknown	12,666
Tmem134	Rattus norvegicus transmembrane protein 134 (Tmem134), transcript variant 2, mRNA [NM_001078648]	12,666
0	Unknown	12,665
Mtmr9	Rattus norvegicus myotubularin related protein 9 (Mtmr9), mRNA [NM_001005761]	12,660
RGD1563870	PREDICTED: Rattus norvegicus similar to CG3104-PA, isoform A (RGD1563870), miscRNA [XR_086302]	12,656
0	Unknown	12,654
Aagab	Rattus norvegicus alpha- and gamma-adaptin binding protein (Aagab), mRNA [NM_134398]	12,651
0	Unknown	12,647
RGD1562174	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8I3] [ENSRNOT00000038543]	12,647

Mrps18b	Rattus norvegicus mitochondrial ribosomal protein S18B (Mrps18b), nuclear gene encoding mitochondrial protein, mRNA [NM_212534]	12,646
Fbxo7	Rattus norvegicus F-box protein 7 (Fbxo7), mRNA [NM_001012222]	12,644
Bok	Rattus norvegicus BCL2-related ovarian killer (Bok), mRNA [NM_017312]	12,643
0	Q6GQU6_MOUSE (Q6GQU6) CDNA sequence BC072620, partial (56%) [TC612613]	12,642
Lyg2	PREDICTED: Rattus norvegicus lysozyme G-like 2 (Lyg2), mRNA [XM_578787]	12,642
Narf	Rattus norvegicus nuclear prelamin A recognition factor (Narf), mRNA [NM_001039207]	12,641
Rsb66	Rattus norvegicus Rsb-66 protein (Rsb66), mRNA [NM_181694]	12,639
Wbscr27	Rattus norvegicus Williams Beuren syndrome chromosome region 27 (Wbscr27), mRNA [NM_001109499]	12,639
Adamts12	Rattus norvegicus ADAM metallopeptidase with thrombospondin type 1 motif, 12 (Adamts12), mRNA [NM_001106420]	12,638
0	Unknown	12,633
Homer1	Rattus norvegicus homer homolog 1 (Drosophila) (Homer1), mRNA [NM_031707]	12,631
Apoc1	Rattus norvegicus apolipoprotein C-I (Apoc1), transcript variant 1, mRNA [NM_012824]	12,629
Nell2	Rattus norvegicus NEL-like 2 (chicken) (Nell2), mRNA [NM_031070]	12,629
Eif1ay	Rattus norvegicus eukaryotic translation initiation factor 1A, Y-linked (Eif1ay), mRNA [NM_001106963]	12,627
0	Unknown	12,626
Slc2a1	Rattus norvegicus solute carrier family 2 (facilitated glucose transporter), member 1 (Slc2a1), mRNA [NM_138827]	12,625
Olr1509	Rattus norvegicus olfactory receptor 1509 (Olr1509), mRNA [NM_001000528]	12,624
0	AW918633 EST349937 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIEV66 5' end, mRNA sequence [AW918633]	12,623
0	Unknown	12,622
Orai2	Rattus norvegicus ORAI calcium release-activated calcium modulator 2 (Orai2), mRNA [NM_001170403]	12,620
Dhtkd1	Rattus norvegicus dehydrogenase E1 and transketolase domain containing 1 (Dhtkd1), nuclear gene encoding mitochondrial protein, mRNA [NM_001025720]	12,618
Lrp4	Rattus norvegicus low density lipoprotein receptor-related protein 4 (Lrp4), mRNA [NM_031322]	12,618
Zwint	Rattus norvegicus ZW10 interactor (Zwint), mRNA [NM_147138]	12,615
Olr1411	Rattus norvegicus olfactory receptor 1411 (Olr1411), mRNA [NM_001000783]	12,615
LOC501391	Rattus norvegicus cDNA clone IMAGE:7456737. [BC158634]	12,610
Bves	Rattus norvegicus blood vessel epicardial substance (Bves), mRNA [NM_001077590]	12,610
Trim26	Rattus norvegicus tripartite motif-containing 26 (Trim26), mRNA [NM_001011665]	12,608
Ifi35	Rattus norvegicus interferon-induced protein 35 (Ifi35), mRNA [NM_001009625]	12,606
Vars2	Rattus norvegicus valyl-tRNA synthetase 2, mitochondrial (putative) (Vars2), nuclear gene encoding mitochondrial protein, mRNA [NM_213563]	12,606
Add2	Rattus norvegicus adducin 2 (beta) (Add2), transcript variant 2, mRNA [NM_012491]	12,605
LOC679651	Rattus norvegicus hypothetical protein LOC679651 (LOC679651), mRNA [NM_001195277]	12,604
Fam185a	Rattus norvegicus family with sequence similarity 185, member A (Fam185a), mRNA [NM_001128188]	12,603

0	Rattus norvegicus similar to Pyruvate kinase, M2 isozyme (LOC315231), mRNA [XM_235589]	12,602
0	Rattus norvegicus chromosome 1 strain BN/SsNHsdMCW RNOR03207803, whole genome shotgun sequence [AABR03002941]	12,601
Lrp8	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE47] [ENSRNOT00000017575]	12,601
Ndst2	Rattus norvegicus N-deacetylase/N-sulfotransferase (heparan glucosaminy) 2 (Ndst2), mRNA [NM_001105740]	12,598
Arrdc4	Rattus norvegicus arrestin domain containing 4 (Arrdc4), mRNA [NM_001047853]	12,598
Akirin1	Rattus norvegicus akirin 1 (Akirin1), mRNA [NM_001030054]	12,597
Prm3	Rattus norvegicus protamine 3 (Prm3), mRNA [NM_001002855]	12,593
0	Unknown	12,590
Syt7	Rattus norvegicus synaptotagmin VII (Syt7), mRNA [NM_021659]	12,587
Tcfe2a	Rattus norvegicus transcription factor E2a (Tcfe2a), transcript variant 1, mRNA [NM_133524]	12,584
Dlg1	Rattus norvegicus discs, large homolog 1 (Drosophila) (Dlg1), mRNA [NM_012788]	12,581
LOC683746	PREDICTED: Rattus norvegicus similar to thyroid autoantigen (LOC683746), mRNA [XM_001067309]	12,580
LOC501251	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC501251), mRNA [XM_576670]	12,580
Jakmip3	Rattus norvegicus janus kinase and microtubule interacting protein 3 (Jakmip3), mRNA [NM_001163277]	12,580
0	Unknown	12,579
Cd3d	Rattus norvegicus CD3 molecule, delta (Cd3d), mRNA [NM_013169]	12,577
0	Unknown	12,577
Dhx37	probable ATP-dependent RNA helicase DHX37 [Source:RefSeq peptide;Acc:NP_001099396] [ENSRNOT00000030823]	12,570
Set	Rattus norvegicus SET nuclear oncogene (Set), mRNA [NM_001012504]	12,569
LOC685437	PREDICTED: Rattus norvegicus hypothetical protein LOC685437 (LOC685437), mRNA [XM_001063788]	12,565
Nebi	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A164] [ENSRNOT00000037601]	12,565
C2	Rattus norvegicus complement component 2 (C2), mRNA [NM_172222]	12,564
Pspn	Rattus norvegicus persephin (Pspn), mRNA [NM_013014]	12,562
Vwa1	Rattus norvegicus von Willebrand factor A domain containing 1 (Vwa1), mRNA [NM_001013938]	12,562
0	Ras-related protein Rab-28 [Source:UniProtKB/Swiss-Prot;Acc:P51158] [ENSRNOT00000041310]	12,554
Nfatc3	Rattus norvegicus nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3 (Nfatc3), mRNA [NM_001108447]	12,553
Clock	Rattus norvegicus clock homolog (mouse) (Clock), mRNA [NM_021856]	12,551
Atg9a	Rattus norvegicus ATG9 autophagy related 9 homolog A (S. cerevisiae) (Atg9a), mRNA [NM_001014218]	12,550
Rasgrp4	Rattus norvegicus RAS guanyl releasing protein 4 (Rasgrp4), mRNA [NM_130824]	12,549
Pak1ip1	Rattus norvegicus PAK1 interacting protein 1 (Pak1ip1), mRNA [NM_001037356]	12,548
Eps8l2	Rattus norvegicus EPS8-like 2 (Eps8l2), mRNA [NM_001108508]	12,547
Mea1	Rattus norvegicus male-enhanced antigen 1 (Mea1), mRNA [NM_001044286]	12,547
0	Unknown	12,547

Akna	Rattus norvegicus AT-hook transcription factor (Akna), mRNA [NM_001108668]	12,546
Pdp2	Rattus norvegicus pyruvate dehydrogenase phosphatase catalytic subunit 2 (Pdp2), mRNA [NM_145091]	12,545
0	Unknown	12,541
Vom2r35	Rattus norvegicus vomeronasal 2 receptor, 35 (Vom2r35), mRNA [NM_001099473]	12,541
0	Q29A56_DROPS (Q29A56) GA18264-PA (Fragment), partial (3%) [TC648872]	12,540
RGD1562136	Rattus norvegicus similar to D1Ert622e protein (RGD1562136), mRNA [NM_001109086]	12,539
Col15a1	Col15a1 protein [Source:UniProtKB/TrEMBL;Acc:Q4G024] [ENSRNOT00000017217]	12,539
Mex3d	PREDICTED: Rattus norvegicus ring finger (C3HC4 type) and KH domain containing 1 (Rkhd1), mRNA [XM_234921]	12,539
0	RIKEN cDNA D430041D05 gene Gene [Source:MGI Symbol;Acc:MGI:2181743] [ENSRNOT00000015073]	12,534
Cd6	Rattus norvegicus Cd6 molecule (Cd6), mRNA [NM_175577]	12,532
Cnm4	Metal transporter CNM4 [Source:UniProtKB/Swiss-Prot;Acc:P0C588] [ENSRNOT00000021434]	12,529
Sord	Rattus norvegicus sorbitol dehydrogenase (Sord), mRNA [NM_017052]	12,528
G2e3	Rattus norvegicus G2/M-phase specific E3 ubiquitin ligase (G2e3), mRNA [NM_001106726]	12,528
Phf1	Rattus norvegicus PHD finger protein 1 (Phf1), mRNA [NM_212538]	12,526
LOC246295	Rattus norvegicus glycine-, glutamate-, thienylcyclohexylpiperidine-binding protein (LOC246295), mRNA [NM_145082]	12,526
Fibp	Rattus norvegicus fibroblast growth factor (acidic) intracellular binding protein (Fibp), mRNA [NM_172334]	12,520
Tbc1d13	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEG7] [ENSRNOT00000021431]	12,517
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC305750), mRNA [XM_223850]	12,517
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC291543), mRNA [XM_225871]	12,515
Nlgn2	Rattus norvegicus neuroligin 2 (Nlgn2), mRNA [NM_053992]	12,515
Adrm1	Rattus norvegicus adhesion regulating molecule 1 (Adrm1), mRNA [NM_031708]	12,514
0	Unknown	12,512
Slc35e2	Rattus norvegicus solute carrier family 35, member E2 (Slc35e2), mRNA [NM_001107998]	12,510
Eif3h	Eukaryotic translation initiation factor 3 subunit H [Source:UniProtKB/Swiss-Prot;Acc:Q6P9U8] [ENSRNOT00000005786]	12,508
0	Unknown	12,506
Fbxw11	Rattus norvegicus F-box and WD repeat domain containing 11 (Fbxw11), mRNA [NM_001106993]	12,506
RGD1560846	Rattus norvegicus similar to hypothetical protein MGC40178 (RGD1560846), mRNA [NM_001134603]	12,505
Nfyb	Rattus norvegicus nuclear transcription factor-Y beta (Nfyb), mRNA [NM_031553]	12,504
Dstn	Rattus norvegicus destrin (Dstn), mRNA [NM_001033666]	12,504
Pdpr	Rattus norvegicus pyruvate dehydrogenase phosphatase regulatory subunit (Pdpr), mRNA [NM_001107430]	12,504
Otof	Otoferlin [Source:UniProtKB/Swiss-Prot;Acc:Q9ERC5] [ENSRNOT00000013712]	12,503
RGD1311358	Rattus norvegicus similar to RIKEN cDNA 2410017P07 (RGD1311358), mRNA [NM_001017448]	12,501
LOC686139	PREDICTED: Rattus norvegicus similar to abhydrolase domain containing 11 (LOC686139), mRNA [XM_001066660]	12,499
Vom2r8	Rattus norvegicus vomeronasal 2 receptor, 8 (Vom2r8), mRNA [NM_001099464]	12,498

Eno1	Rattus norvegicus enolase 1, (alpha), mRNA (cDNA clone MGC:93770 IMAGE:7108936), complete cds. [BC090069]	12,496
Lrrtm2	Rattus norvegicus leucine rich repeat transmembrane neuronal 2 (Lrrtm2), mRNA [NM_001109469]	12,495
Atp6v1f	Rattus norvegicus ATPase, H transporting, lysosomal V1 subunit F (Atp6v1f), mRNA [NM_053884]	12,494
Kctd17	Rattus norvegicus potassium channel tetramerisation domain containing 17 (Kctd17), mRNA [NM_001134529]	12,491
Elmo2	Rattus norvegicus engulfment and cell motility 2 (Elmo2), mRNA [NM_001134955]	12,491
Arf5	Rattus norvegicus ADP-ribosylation factor 5 (Arf5), mRNA [NM_024149]	12,482
RGD1563263	Rattus norvegicus similar to RIKEN cDNA 1700029I15 (RGD1563263), mRNA [NM_001109201]	12,482
0	RNGZAL4 guanine nucleotide-binding protein {Rattus norvegicus} (exp=-1; wgp=0; cg=0), complete [TC578187]	12,478
RGD1562551	Rattus norvegicus similar to C20orf82 (RGD1562551), mRNA [NM_001134552]	12,478
0	Unknown	12,477
0	Unknown	12,476
RGD1561238	PREDICTED: Rattus norvegicus similar to ring finger protein 122 homolog (RGD1561238), mRNA [XM_001069254]	12,475
RGD1566359	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADM9] [ENSRNOT00000029899]	12,470
Mesp1	Rattus norvegicus mesoderm posterior 1 homolog (mouse) (Mesp1), mRNA [NM_001107531]	12,470
0	RVL6632 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV716430]	12,470
Agk	Rattus norvegicus acylglycerol kinase (Agk), nuclear gene encoding mitochondrial protein, mRNA [NM_001127497]	12,469
0	Stathmin [Source:UniProtKB/Swiss-Prot;Acc:P13668] [ENSRNOT00000022574]	12,468
Elovl5	Rattus norvegicus ELOVL family member 5, elongation of long chain fatty acids (yeast) (Elovl5), mRNA [NM_134382]	12,468
0	Rattus norvegicus similar to Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) (38 kDa BFA-dependent ADP-ribosylation substrate) (BARS-38) (LOC364400), mRNA [XM_344418]	12,467
RGD1565819	Rattus norvegicus similar to C20orf174 (RGD1565819), mRNA [NM_001171096]	12,464
LOC500034	Rattus norvegicus similar to CG3570-PA (LOC500034), mRNA [NM_001109221]	12,464
Man1b1	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase [Source:UniProtKB/Swiss-Prot;Acc:B2GUY0] [ENSRNOT00000016846]	12,464
0	Unknown	12,461
Stag2	Rattus norvegicus stromal antigen 2 (Stag2), mRNA [NM_001173507]	12,461
Bbs4	Rattus norvegicus Bardet-Biedl syndrome 4 (Bbs4), mRNA [NM_001106826]	12,459
Ptp4a1	Rattus norvegicus protein tyrosine phosphatase type IVA, member 1 (Ptp4a1), mRNA [NM_031579]	12,457
0	Unknown	12,456
Abca8a	PREDICTED: Rattus norvegicus ATP-binding cassette, sub-family A (ABC1), member 8a (Abca8a), mRNA [XM_221100]	12,452
Tet2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AC33] [ENSRNOT00000046775]	12,452
Stt3b	Rattus norvegicus STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae) (Stt3b), mRNA [NM_001170539]	12,452
Gyg1	Rattus norvegicus glycogenin 1 (Gyg1), mRNA [NM_031043]	12,450
Olr7	Rattus norvegicus olfactory receptor 7 (Olr7), mRNA [NM_001000768]	12,448
0	Rattus norvegicus TL0AEA6YG01 mRNA sequence. [FQ231471]	12,448

Rab23	Rattus norvegicus RAB23, member RAS oncogene family (Rab23), mRNA [NM_001109005]	12,448
Rpl28	Rattus norvegicus ribosomal protein L28 (Rpl28), mRNA [NM_022697]	12,447
Sprr1b	PREDICTED: Rattus norvegicus small proline-rich protein 1B (cornifin) (Sprr1b), mRNA [XM_001065728]	12,445
Cacna2d2	Rattus norvegicus calcium channel, voltage-dependent, alpha 2/delta subunit 2 (Cacna2d2), mRNA [NM_175592]	12,444
0	Unknown	12,439
Usp48	Rattus norvegicus ubiquitin specific peptidase 48 (Usp48), mRNA [NM_198785]	12,439
Znf672	Rattus norvegicus zinc finger protein 672 (Znf672), mRNA [NM_001007669]	12,439
Pcsk7	Rattus norvegicus proprotein convertase subtilisin/kexin type 7 (Pcsk7), mRNA [NM_019246]	12,437
Bad	Rattus norvegicus BCL2-associated agonist of cell death (Bad), mRNA [NM_022698]	12,436
RGD1563235	Rattus norvegicus similar to 1700054N08Rik protein (RGD1563235), mRNA [NM_001107441]	12,436
Pap0lg	Rattus norvegicus poly(A) polymerase gamma (Pap0lg), mRNA [NM_001107244]	12,436
Aif1	Rattus norvegicus allograft inflammatory factor 1 (Aif1), mRNA [NM_017196]	12,436
Sh3gl1	Rattus norvegicus SH3-domain GRB2-like 1 (Sh3gl1), mRNA [NM_031239]	12,434
Olr1091	Rattus norvegicus olfactory receptor 1091 (Olr1091), mRNA [NM_001000593]	12,433
0	Unknown	12,432
Lrrtm3	Rattus norvegicus leucine rich repeat transmembrane neuronal 3 (Lrrtm3), mRNA [NM_001106387]	12,431
Pear1	Rattus norvegicus platelet endothelial aggregation receptor 1 (Pear1), mRNA [NM_001134959]	12,430
Efcab4b	PREDICTED: Rattus norvegicus EF-hand calcium binding domain 4B (Efcab4b), mRNA [XM_575675]	12,428
Tmem132d	Rattus norvegicus transmembrane protein 132D (Tmem132d), mRNA [NM_198727]	12,427
0	Rattus norvegicus TL0AAA52YK09 mRNA sequence. [FQ212560]	12,424
0	AGENCOURT_118846637 NIH_MGC_248 Rattus norvegicus cDNA clone IMAGE:9112865 5', mRNA sequence [EX493553]	12,422
0	Rattus norvegicus TL0ADA16YE04 mRNA sequence. [FQ223021]	12,421
Maf	Rattus norvegicus v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian) (Maf), mRNA [NM_019318]	12,421
0	Unknown	12,420
Exph5	PREDICTED: Rattus norvegicus exophilin 5, transcript variant 2 (Exph5), mRNA [XM_002727059]	12,418
Crim1	Rattus norvegicus cysteine rich transmembrane BMP regulator 1 (chordin like) (Crim1), mRNA [NM_001169103]	12,414
Agpat5	Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon) (Agpat5), mRNA [NM_001134744]	12,414
Ptar1	Rattus norvegicus protein prenyltransferase alpha subunit repeat containing 1 (Ptar1), mRNA [NM_001105760]	12,412
Faah	Rattus norvegicus fatty acid amide hydrolase (Faah), mRNA [NM_024132]	12,411
0	Unknown	12,410
Dot1l	Rattus norvegicus DOT1-like, histone H3 methyltransferase (S. cerevisiae) (Dot1l), mRNA [NM_001108733]	12,409
Ddhd1	Rattus norvegicus DDHD domain containing 1 (Ddhd1), mRNA [NM_001033066]	12,408
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRC6] [ENSRNOT00000050943]	12,408

Bpgm	Rattus norvegicus 2,3-bisphosphoglycerate mutase (Bpgm), mRNA [NM_199382]	12,407
Ythdf2	Rattus norvegicus YTH domain family, member 2 (Ythdf2), mRNA [NM_001047099]	12,407
Clec4b2	Rattus norvegicus C-type lectin domain family 4, member b2 (Clec4b2), mRNA [NM_001005896]	12,406
Slc4a2	Rattus norvegicus solute carrier family 4 (anion exchanger), member 2 (Slc4a2), mRNA [NM_017048]	12,406
Igsf1	Rattus norvegicus immunoglobulin superfamily, member 1 (Igsf1), mRNA [NM_175763]	12,405
RGD1563296	PREDICTED: Rattus norvegicus similar to component of oligomeric golgi complex 5 isoform 1 (RGD1563296), mRNA [XM_001076141]	12,405
Dguok	Rattus norvegicus deoxyguanosine kinase (Dguok), nuclear gene encoding mitochondrial protein, mRNA [NM_001106602]	12,402
Slc30a6	Rattus norvegicus solute carrier family 30 (zinc transporter), member 6 (Slc30a6), mRNA [NM_001106708]	12,400
Large	Rattus norvegicus like-glycosyltransferase (Large), mRNA [NM_001108439]	12,400
0	Unknown	12,399
Tmem150c	Rattus norvegicus transmembrane protein 150C (Tmem150c), mRNA [NM_001108354]	12,398
Evpl	Rattus norvegicus envoplakin (Evpl), mRNA [NM_001107066]	12,397
Bahd1	Similar to mKIAA0945 protein (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHT3] [ENSRNOT00000013878]	12,396
Dusp16	Rattus norvegicus dual specificity phosphatase 16 (Dusp16), mRNA [NM_001106624]	12,395
Znrf2	Rattus norvegicus zinc and ring finger 2 (Znrf2), mRNA [NM_001108628]	12,394
Alg10	Rattus norvegicus asparagine-linked glycosylation 10, alpha-1,2-glucosyltransferase homolog (S. pombe) (Alg10), mRNA [NM_139101]	12,393
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWB3] [ENSRNOT00000018647]	12,391
0	Unknown	12,390
Prkci	Rattus norvegicus protein kinase C, iota (Prkci), mRNA [NM_032059]	12,390
0	Rattus norvegicus similar to small GTPase (LOC287708), mRNA [XM_213475]	12,390
Otud6b	Rattus norvegicus OTU domain containing 6B (Otud6b), mRNA [NM_001106639]	12,385
Gpr45	Rattus norvegicus G protein-coupled receptor 45 (Gpr45), mRNA [NM_001106906]	12,384
0	Q8R0G6_MOUSE (Q8R0G6) Ttc19 protein (Fragment), partial (56%) [TC585660]	12,383
Fert2	Rattus norvegicus fer (fms/fps related) protein kinase, testis specific 2 (Fert2), mRNA [NM_001106928]	12,383
Lpxn	Rattus norvegicus leupaxin (Lpxn), mRNA [NM_001009649]	12,383
0	Unknown	12,383
Aasdhppt	Rattus norvegicus amino adipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (Aasdhppt), mRNA [NM_001106798]	12,381
Mboat2	Rattus norvegicus membrane bound O-acyltransferase domain containing 2 (Mboat2), mRNA [NM_001108016]	12,380
Btg4	Rattus norvegicus B-cell translocation gene 4 (Btg4), mRNA [NM_001013176]	12,380
RGD1306880	RCG50366Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7C3] [ENSRNOT00000011586]	12,378
0	Unknown	12,378
0	Unknown	12,378
Rreb1	Rattus norvegicus ras responsive element binding protein 1 (Rreb1), mRNA [NM_001107348]	12,377
Rfk	Rattus norvegicus riboflavin kinase (Rfk), mRNA [NM_001014106]	12,376

Mtmr7	Rattus norvegicus myotubularin related protein 7 (Mtmr7), mRNA [NM_001107312]	12,373
Vpreb3	Rattus norvegicus pre-B lymphocyte 3 (Vpreb3), mRNA [NM_001108930]	12,364
Vom2r34	Rattus norvegicus vomeronasal 2 receptor, 34 (Vom2r34), mRNA [NM_001099657]	12,364
Rfc5	Rattus norvegicus replication factor C (activator 1) 5 (Rfc5), mRNA [NM_001107146]	12,363
Nucb1	Rattus norvegicus nucleobindin 1 (Nucb1), mRNA [NM_053463]	12,362
0	Unknown	12,359
Terf2ip	Rattus norvegicus telomeric repeat binding factor 2, interacting protein (Terf2ip), mRNA [NM_001013143]	12,354
Grid2ip	Rattus norvegicus glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein (Grid2ip), mRNA [NM_001105910]	12,353
LOC652955	Rattus norvegicus goliath (LOC652955), mRNA [NM_001037658]	12,352
RGD1309188	Rattus norvegicus similar to hypothetical protein BC011833 (RGD1309188), mRNA [NM_001108129]	12,347
Slc7a13	Rattus norvegicus solute carrier family 7, (cationic amino acid transporter, y+ system) member 13 (Slc7a13), mRNA [NM_001012100]	12,346
Ttc14	Rattus norvegicus tetratricopeptide repeat domain 14 (Ttc14), mRNA [NM_001107666]	12,345
0	Unknown	12,344
Fastk	Rattus norvegicus Fas-activated serine/threonine kinase (Fastk), mRNA [NM_001011967]	12,344
0	Unknown	12,343
LOC684996	Rattus norvegicus similar to chromosome 7 open reading frame 11 (LOC684996), mRNA [NM_001109452]	12,342
Grin1	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate 1 (Grin1), mRNA [NM_017010]	12,341
Vps26a	Rattus norvegicus vacuolar protein sorting 26 homolog A (S. pombe) (Vps26a), mRNA [NM_001007740]	12,338
Prickle1	Rattus norvegicus prickly homolog 1 (Drosophila) (Prickle1), mRNA [NM_199396]	12,337
LOC686921	PREDICTED: Rattus norvegicus hypothetical protein LOC686921 (LOC686921), mRNA [XM_001076338]	12,334
Sfxn2	sideroflexin 2 [Source:RefSeq peptide;Acc:NP_001013090] [ENSRNOT00000027112]	12,334
Kcnh3	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 3 (Kcnh3), mRNA [NM_017108]	12,333
0	Q5BK04_RAT (Q5BK04) LOC363306 protein (Fragment), partial (78%) [TC626013]	12,332
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC289157), mRNA [XM_222813]	12,330
RGD1564167	PREDICTED: Rattus norvegicus similar to basic transcription factor 3 (RGD1564167), mRNA [XM_002727687]	12,327
Lrrc8d	Rattus norvegicus leucine rich repeat containing 8 family, member D (Lrrc8d), mRNA [NM_001008338]	12,327
RGD1564228	PREDICTED: Rattus norvegicus similar to Naglu (RGD1564228), mRNA [XM_001081442]	12,323
Agpat3	Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 3 (Agpat3), mRNA [NM_001106378]	12,321
RGD1564676	Rattus norvegicus similar to NF-X1 type zinc finger containing protein (2J511) (LOC364700), mRNA [XM_344589]	12,321
0	AW527166 UI-R-BO1-ajm-c-07-0-UI.s1 UI-R-BO1 Rattus norvegicus cDNA clone UI-R-BO1-ajm-c-07-0-UI 3', mRNA sequence [AW527166]	12,316
Golt1b	Rattus norvegicus golgi transport 1 homolog B (S. cerevisiae) (Golt1b), mRNA [NM_001113783]	12,315
Dpy19l1	Rattus norvegicus dpy-19-like 1 (C. elegans) (Dpy19l1), mRNA [NM_001191791]	12,313
Flnb	Rattus norvegicus filamin, beta (Flnb), mRNA [NM_001107288]	12,311

Ttc33	Rattus norvegicus tetratricopeptide repeat domain 33 (Ttc33), mRNA [NM_001106414]	12,309
Pfdn2	Rattus norvegicus prefoldin subunit 2 (Pfdn2), mRNA [NM_001109476]	12,308
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC302351), mRNA [XM_228478]	12,305
LOC678708	PREDICTED: Rattus norvegicus similar to histone 1, H2ai (LOC678708), mRNA [XM_002724915]	12,305
RGD1306941	Rattus norvegicus similar to CG31122-PA (RGD1306941), mRNA [NM_001108219]	12,304
Stk24	Rattus norvegicus serine/threonine kinase 24 (STE20 homolog, yeast) (Stk24), mRNA [NM_001127494]	12,302
0	Unknown	12,300
Nav2	Rattus norvegicus neuron navigator 2 (Nav2), mRNA [NM_138529]	12,298
Rab33b	Rattus norvegicus RAB33B, member of RAS oncogene family (Rab33b), mRNA [NM_001108944]	12,297
0	Unknown	12,296
Rnf32	Rattus norvegicus ring finger protein 32 (Rnf32), mRNA [NM_001012095]	12,296
0	Q4IH13_GIBZE (Q4IH13) Predicted protein, partial (6%) [TC640504]	12,296
0	Unknown	12,295
Ywhaz	Rattus norvegicus tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (Ywhaz), mRNA [NM_013011]	12,290
0	PREDICTED: Rattus norvegicus similar to hypothetical protein 4932411N23 (RGD1561151), mRNA [XM_001066024]	12,290
RGD1359634	Rattus norvegicus similar to RIKEN cDNA 1700088E04 (RGD1359634), mRNA [NM_001007708]	12,289
0	Unknown	12,289
0	Unknown	12,289
0	Unknown	12,289
0	Unknown	12,287
RGD1309374	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU62] [ENSRNOT00000020492]	12,285
0	RIKEN cDNA 2510006D16 gene Gene [Source:MGI Symbol;Acc:MGI:1924049] [ENSRNOT00000000136]	12,284
Scamp1	Rattus norvegicus secretory carrier membrane protein 1 (Scamp1), mRNA [NM_001100636]	12,283
Htr7	5-hydroxytryptamine receptor 7 [Source:UniProtKB/Swiss-Prot;Acc:P32305] [ENSRNOT00000025493]	12,283
Olr1606	Rattus norvegicus olfactory receptor 1606 (Olr1606), mRNA [NM_001000502]	12,269
LOC317165	Rattus norvegicus similar to Set alpha isoform (LOC317165), mRNA [NM_001047892]	12,265
Kat5	Rattus norvegicus K(lysine) acetyltransferase 5 (Kat5), mRNA [NM_001005872]	12,262
0	RIKEN cDNA 9430031J16 gene Gene [Source:MGI Symbol;Acc:MGI:2443135] [ENSRNOT00000041337]	12,261
0	Unknown	12,258
0	Ankyrin repeat and SOCS box protein 14 [Source:UniProtKB/Swiss-Prot;Acc:P0C927] [ENSRNOT00000017887]	12,257
RGD1309759	PREDICTED: Rattus norvegicus similar to cDNA sequence BC013529, transcript variant 2 (RGD1309759), mRNA [XM_001059157]	12,257
Tshr	Rattus norvegicus thyroid stimulating hormone receptor (Tshr), mRNA [NM_012888]	12,257
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHQ7] [ENSRNOT00000057958]	12,256
Csad	Rattus norvegicus cysteine sulfinic acid decarboxylase (Csad), transcript variant 1, mRNA [NM_021750]	12,251

LOC691849	Rattus norvegicus hypothetical protein LOC691849 (LOC691849), mRNA [NM_001198796]	12,247
Wfikkn1	Rattus norvegicus WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1 (Wfikkn1), mRNA [NM_001129776]	12,241
Pramef8	Rattus norvegicus PRAME family member 8 (Pramef8), mRNA [NM_001135782]	12,240
Tceal1	Rattus norvegicus transcription elongation factor A (SII)-like 1 (Tceal1), mRNA [NM_001009675]	12,239
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKN0] [ENSRNOT00000045362]	12,237
Rab11fip4	Rattus norvegicus RAB11 family interacting protein 4 (class II) (Rab11fip4), mRNA [NM_001107023]	12,237
Cbx3	Rattus norvegicus chromobox homolog 3 (HP1 gamma homolog, Drosophila) (Cbx3), mRNA [NM_001008313]	12,235
Pclo	Rattus norvegicus piccolo (presynaptic cytomatrix protein) (Pclo), transcript variant 1, mRNA [NM_020098]	12,234
E2f1	Rattus norvegicus E2F transcription factor 1 (E2f1), mRNA [NM_001100778]	12,233
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDF4] [ENSRNOT00000024704]	12,233
Rcbtb1	Rattus norvegicus regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1 (Rcbtb1), mRNA [NM_001108380]	12,233
Ophn1	Rattus norvegicus oligophrenin 1 (Ophn1), mRNA [NM_001107848]	12,233
LOC692032	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4N1] [ENSRNOT00000039400]	12,233
LOC680119	PREDICTED: Rattus norvegicus hypothetical protein LOC680119 (LOC680119), mRNA [XM_001055803]	12,230
Csnk1e	Rattus norvegicus casein kinase 1, epsilon (Csnk1e), mRNA [NM_031617]	12,230
App12	Rattus norvegicus adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2 (App12), mRNA [NM_001108741]	12,228
Fstl1	Rattus norvegicus follistatin-like 1 (Fstl1), mRNA [NM_024369]	12,228
Rala	Rattus norvegicus v-ral simian leukemia viral oncogene homolog A (ras related) (Rala), mRNA [NM_031093]	12,222
LOC366449	PREDICTED: Rattus norvegicus hypothetical LOC366449 (LOC366449), miscRNA [XR_006808]	12,221
Drd2	Rattus norvegicus dopamine receptor D2 (Drd2), mRNA [NM_012547]	12,221
Bola3	Rattus norvegicus bolaA homolog 3 (E. coli) (Bola3), mRNA [NM_001106601]	12,220
0	Unknown	12,218
Grm7	Rattus norvegicus glutamate receptor, metabotropic 7 (Grm7), mRNA [NM_031040]	12,217
0	Unknown	12,216
Marcks	PREDICTED: Rattus norvegicus myristoylated alanine rich protein kinase C substrate (Marcks), mRNA [XM_002728965]	12,216
Pold2	Rattus norvegicus polymerase (DNA directed), delta 2, regulatory subunit (Pold2), mRNA [NM_001013050]	12,214
Gpr12	Rattus norvegicus G protein-coupled receptor 12 (Gpr12), transcript variant 2, mRNA [NM_030831]	12,214
LOC684529	PREDICTED: Rattus norvegicus similar to cathepsin O (LOC684529), mRNA [XM_001070844]	12,213
Plcd4	Rattus norvegicus phospholipase C, delta 4 (Plcd4), mRNA [NM_080688]	12,213
Ndufaf4	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 (Ndufaf4), nuclear gene encoding mitochondrial protein, mRNA [NM_198783]	12,213
Cyp27b1	Rattus norvegicus cytochrome P450, family 27, subfamily b, polypeptide 1 (Cyp27b1), nuclear gene encoding mitochondrial protein, mRNA [NM_053763]	12,212
Tdpoz1	PREDICTED: Rattus norvegicus TD and POZ domain containing 1 (Tdpoz1), mRNA [XM_345239]	12,211

Krtap31-1	Rattus norvegicus keratin associated protein 31-1 (Krtap31-1), mRNA [NM_001109409]	12,210
Mgat5	Rattus norvegicus mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase (Mgat5), mRNA [NM_023095]	12,210
0	Unknown	12,207
0	predicted gene 71 Gene [Source:MGI Symbol;Acc:MGI:2684917] [ENSRNOT00000033412]	12,207
Vdac2	Rattus norvegicus voltage-dependent anion channel 2 (Vdac2), nuclear gene encoding mitochondrial protein, mRNA [NM_031354]	12,207
Zfp426l2	Rattus norvegicus zinc finger protein 426-like 2 (Zfp426l2), mRNA [NM_001134585]	12,207
0	Unknown	12,207
0	Unknown	12,204
Vps13d	Rattus norvegicus vacuolar protein sorting 13 homolog D (S. cerevisiae) (Vps13d), mRNA [NM_001108006]	12,204
0	Unknown	12,203
Cabp7	Rattus norvegicus calcium binding protein 7 (Cabp7), mRNA [NM_001007730]	12,202
Btd	Rattus norvegicus biotinidase (Btd), mRNA [NM_001012047]	12,199
Dtx4	Rattus norvegicus deltex homolog 4 (Drosophila) (Dtx4), mRNA [NM_001047855]	12,198
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3Z7Z7] [ENSRNOT00000038921]	12,195
Gabpa	Rattus norvegicus GA binding protein transcription factor, alpha subunit (Gabpa), mRNA [NM_001108841]	12,192
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU53] [ENSRNOT00000001469]	12,191
Adamts18	Rattus norvegicus ADAM metalloproteinase with thrombospondin type 1 motif, 18 (Adamts18), mRNA [NM_001191944]	12,190
Jub	Rattus norvegicus jub, ajuba homolog (Xenopus laevis) (Jub), mRNA [NM_053503]	12,190
Gemin5	Rattus norvegicus gem (nuclear organelle) associated protein 5 (Gemin5), mRNA [NM_001172089]	12,188
Heatr5b	Rattus norvegicus HEAT repeat containing 5B (Heatr5b), mRNA [NM_001191064]	12,187
0	Unknown	12,186
0	Unknown	12,185
0	Unknown	12,185
0	integrin alpha V Gene [Source:MGI Symbol;Acc:MGI:96608] [ENSRNOT00000006961]	12,185
Msx2	Rattus norvegicus msh homeobox 2 (Msx2), mRNA [NM_012982]	12,184
Vom1r24	Rattus norvegicus vomeronasal 1 receptor 24 (Vom1r24), mRNA [NM_001008936]	12,181
Srxn1	Rattus norvegicus sulfiredoxin 1 homolog (S. cerevisiae) (Srxn1), mRNA [NM_001047858]	12,179
Mad111	Rattus norvegicus MAD1 mitotic arrest deficient-like 1 (yeast) (Mad111), mRNA [NM_001109387]	12,175
Olr1615	Rattus norvegicus olfactory receptor 1615 (Olr1615), mRNA [NM_001001003]	12,173
Abr	Rattus norvegicus active BCR-related gene (Abr), mRNA [NM_001105814]	12,173
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACN9] [ENSRNOT00000018433]	12,172
Vkorc1	Rattus norvegicus vitamin K epoxide reductase complex, subunit 1 (Vkorc1), mRNA [NM_203335]	12,171
39142	Rattus norvegicus membrane-associated ring finger (C3HC4) 7 (March7), mRNA [NM_001012087]	12,170
0	Unknown	12,169

Stmn2	Rattus norvegicus stathmin-like 2 (Stmn2), mRNA [NM_053440]	12,164
Sh3rf1	Rattus norvegicus SH3 domain containing ring finger 1 (Sh3rf1), mRNA [NM_198764]	12,163
Rpl18a	Rattus norvegicus ribosomal protein L18A (Rpl18a), mRNA [NM_212510]	12,161
Gpr61	Rattus norvegicus G protein-coupled receptor 61 (Gpr61), mRNA [NM_001107715]	12,160
Gpr22	Rattus norvegicus G protein-coupled receptor 22 (Gpr22), mRNA [NM_001106722]	12,159
RGD1561537	PREDICTED: Rattus norvegicus similar to putative repair and recombination helicase RAD26L, transcript variant 1 (RGD1561537), mRNA [XM_001058999]	12,157
LOC100362820	PREDICTED: Rattus norvegicus Protein FAM186A-like (LOC100362820), mRNA [XM_002729856]	12,156
Samd8	Rattus norvegicus sterile alpha motif domain containing 8 (Samd8), mRNA [NM_001012040]	12,154
LOC683415	PREDICTED: Rattus norvegicus similar to adrenal mitochondrial protease (LOC683415), mRNA [XM_001065830]	12,153
Chsy1	Rattus norvegicus chondroitin sulfate synthase 1 (Chsy1), mRNA [NM_001106268]	12,153
Ciz1	Rattus norvegicus CDKN1A interacting zinc finger protein 1 (Ciz1), mRNA [NM_001106568]	12,153
0	EST450602 Rat Gene Index, normalized rat, Rattus norvegicus cDNA Rattus norvegicus cDNA clone RGIFL60, mRNA sequence [BF286011]	12,153
Elf2	Rattus norvegicus E74-like factor 2 (Elf2), transcript variant 2, mRNA [NM_001012181]	12,152
LOC678918	PREDICTED: Rattus norvegicus similar to NADH dehydrogenase (ubiquinone) 1 beta subcomplex 3 (LOC678918), mRNA [XM_001053805]	12,152
Col12a1	Collagen alpha-1(XII) chain [Source:UniProtKB/Swiss-Prot;Acc:P70560] [ENSRNOT00000051159]	12,152
Rgs19	Rattus norvegicus regulator of G-protein signaling 19 (Rgs19), mRNA [NM_021661]	12,146
Nqo2	Rattus norvegicus NAD(P)H dehydrogenase, quinone 2 (Nqo2), mRNA [NM_001004214]	12,145
0	Unknown	12,145
0	Unknown	12,143
RGD1309903	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF86] [ENSRNOT00000015927]	12,142
Insig1	Rattus norvegicus insulin induced gene 1 (Insig1), mRNA [NM_022392]	12,141
Lipe	Rattus norvegicus lipase, hormone sensitive (Lipe), mRNA [NM_012859]	12,141
Myh9	Rattus norvegicus myosin, heavy chain 9, non-muscle (Myh9), mRNA [NM_013194]	12,137
Folh1	Rattus norvegicus folate hydrolase 1 (Folh1), mRNA [NM_057185]	12,137
Twistnb	Rattus norvegicus TWIST neighbor (Twistnb), mRNA [NM_001108707]	12,137
0	Unknown	12,136
RGD1307225	Rattus norvegicus similar to MEGF6 (RGD1307225), mRNA [NM_001107663]	12,136
0	Unknown	12,136
Muc6	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0Z2] [ENSRNOT00000026749]	12,135
Lrrc51	Rattus norvegicus leucine rich repeat containing 51 (Lrrc51), mRNA [NM_001106284]	12,132
0	Unknown	12,131
Klf5	Rattus norvegicus Kruppel-like factor 5 (Klf5), mRNA [NM_053394]	12,130
Mtfr1	Rattus norvegicus TL0ACA31YL20 mRNA sequence. [FQ217237]	12,130

Ctsd	Rattus norvegicus cathepsin D (Ctsd), mRNA [NM_134334]	12,129
0	Unknown	12,125
Uprt	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABC7] [ENSRNOT00000033494]	12,124
Vom2r16	Rattus norvegicus vomeronasal 2 receptor, 16 (Vom2r16), mRNA [NM_001099655]	12,119
Fam19a5	Rattus norvegicus family with sequence similarity 19 (chemokine (C-C motif)-like), member A5 (Fam19a5), mRNA [NM_001191991]	12,119
Cdc27	Rattus norvegicus cell division cycle 27 homolog (S. cerevisiae) (Cdc27), mRNA [NM_001024793]	12,117
Hist1h1d	Rattus norvegicus histone cluster 1, H1d (Hist1h1d), mRNA [NM_133285]	12,117
Prkd3	Rattus norvegicus protein kinase D3 (Prkd3), mRNA [NM_001024263]	12,116
Sez6	Rattus norvegicus seizure related 6 homolog (mouse) (Sez6), mRNA [NM_001105754]	12,116
Map2k4	Rattus norvegicus mitogen activated protein kinase kinase 4 (Map2k4), mRNA [NM_001030023]	12,116
Nfasc	Rattus norvegicus neurofascin (Nfasc), transcript variant 4, mRNA [NM_001160315]	12,115
Ttc4	tetratricopeptide repeat domain 4 [Source:RefSeq peptide;Acc:NP_001013232] [ENSRNOT00000010229]	12,114
Olr859	Rattus norvegicus olfactory receptor 859 (Olr859), mRNA [NM_001000585]	12,114
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH07] [ENSRNOT00000049215]	12,114
Rbpj	Rattus norvegicus recombination signal binding protein for immunoglobulin kappa J region (Rbpj), mRNA [NM_001106631]	12,110
Olr1415	Rattus norvegicus olfactory receptor 1415 (Olr1415), mRNA [NM_001000781]	12,108
Edem3	Rattus norvegicus ER degradation enhancer, mannosidase alpha-like 3 (Edem3), mRNA [NM_001191671]	12,108
Smurf2	Rattus norvegicus SMAD specific E3 ubiquitin protein ligase 2 (Smurf2), mRNA [NM_001107061]	12,107
Adipor2	Rattus norvegicus adiponectin receptor 2 (Adipor2), mRNA [NM_001037979]	12,105
Eif2a	Rattus norvegicus eukaryotic translation initiation factor 2A (Eif2a), mRNA [NM_001109339]	12,104
LOC679534	PREDICTED: Rattus norvegicus hypothetical protein LOC679534 (LOC679534), mRNA [XM_002726891]	12,101
LOC500532	PREDICTED: Rattus norvegicus hypothetical LOC500532 (LOC500532), miscRNA [XR_008784]	12,100
Gpr19	Rattus norvegicus G protein-coupled receptor 19 (Gpr19), mRNA [NM_080579]	12,098
Lrrc7	Rattus norvegicus leucine rich repeat containing 7 (Lrrc7), mRNA [NM_057142]	12,098
Rpusd3	Rattus norvegicus RNA pseudouridylate synthase domain containing 3 (Rpusd3), mRNA [NM_001108641]	12,096
Aurkaip1	Rattus norvegicus aurora kinase A interacting protein 1 (Aurkaip1), mRNA [NM_001004237]	12,096
Gfm2	Ribosome-releasing factor 2, mitochondrial [Source:UniProtKB/Swiss-Prot;Acc:Q5BJP6] [ENSRNOT00000052072]	12,095
0	Unknown	12,095
RGD1564788	PREDICTED: Rattus norvegicus similar to Werner syndrome helicase homolog, transcript variant 1 (RGD1564788), mRNA [XM_001059940]	12,092
0	BC075646 Luzp2 protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (83%) [TC635744]	12,090
Prr22	Rattus norvegicus proline rich 22 (Prr22), mRNA [NM_001126375]	12,089
Rps6kb2	Rattus norvegicus ribosomal protein S6 kinase, polypeptide 2 (Rps6kb2), mRNA [NM_001010962]	12,088
Olr757	Rattus norvegicus olfactory receptor 757 (Olr757), mRNA [NM_001000613]	12,086
Rya3	Rattus norvegicus antimicrobial peptide RYA3 (Rya3), mRNA [NM_001109208]	12,084

Adnp2	Rattus norvegicus ADNP homeobox 2 (Adnp2), mRNA [NM_001127373]	12,081
0	Unknown	12,080
LOC365985	Rattus norvegicus similar to adenylate kinase 5 isoform 1 (LOC365985), mRNA [NM_001108951]	12,077
Tctn3	PREDICTED: Rattus norvegicus tectonic family member 3 (Tctn3), mRNA [XM_001053561]	12,076
Ibtk	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAK7] [ENSRNOT00000056930]	12,075
Smarca2	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (Smarca2), mRNA [NM_001004446]	12,072
Smndc1	Rattus norvegicus survival motor neuron domain containing 1 (Smndc1), transcript variant 2, mRNA [NM_001025400]	12,072
Cabc1	Rattus norvegicus chaperone, ABC1 activity of bc1 complex homolog (S. pombe) (Cabc1), nuclear gene encoding mitochondrial protein, mRNA [NM_001013185]	12,071
Cdh7	Rattus norvegicus cadherin 7, type 2 (Cdh7), mRNA [NM_001012737]	12,071
Pgm3	Rattus norvegicus phosphoglucomutase 3 (Pgm3), mRNA [NM_001108772]	12,069
Ret	Rattus norvegicus ret proto-oncogene (Ret), transcript variant 1, mRNA [NM_012643]	12,069
Fbxw5	Rattus norvegicus F-box and WD repeat domain containing 5 (Fbxw5), mRNA [NM_001025730]	12,069
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUL0] [ENSRNOT00000013651]	12,067
Ugt8	Rattus norvegicus UDP glycosyltransferase 8 (Ugt8), mRNA [NM_019276]	12,066
Sprn	Rattus norvegicus shadow of prion protein homolog (zebrafish) (Sprn), mRNA [NM_001031845]	12,064
0	Unknown	12,059
Rbm24	Rattus norvegicus RNA binding motif protein 24 (Rbm24), mRNA [NM_001191100]	12,057
Baat	Rattus norvegicus bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase) (Baat), mRNA [NM_017300]	12,057
Pigu	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class U (Pigu), mRNA [NM_181637]	12,056
0	Unknown	12,055
0	Unknown	12,054
Pum1	Rattus norvegicus pumilio homolog 1 (Drosophila) (Pum1), mRNA [NM_001108684]	12,049
Sc5dl	Rattus norvegicus sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like (Sc5dl), mRNA [NM_053642]	12,048
Umod	Rattus norvegicus uromodulin (Umod), mRNA [NM_017082]	12,048
Myt1	Rattus norvegicus myelin transcription factor 1 (Myt1), mRNA [NM_001108615]	12,043
Ggt7	Rattus norvegicus gamma-glutamyltransferase 7 (Ggt7), mRNA [NM_130423]	12,043
Tuba3a	Rattus norvegicus tubulin, alpha 3A (Tuba3a), mRNA [NM_001040008]	12,041
Chmp1a	Rattus norvegicus chromatin modifying protein 1A (Chmp1a), mRNA [NM_001083313]	12,041
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC296027), mRNA [XM_215798]	12,040
Adam15	Rattus norvegicus a disintegrin and metallopeptidase domain 15 (metargidin) (Adam15), mRNA [NM_020308]	12,040
0	roundabout 2 [Source:RefSeq peptide;Acc:NP_115289] [ENSRNOT00000044546]	12,036
LOC100365115	PREDICTED: Rattus norvegicus LY6/PLAUR domain containing 6B-like (LOC100365115), mRNA [XM_002726150]	12,035

Bscl2	Rattus norvegicus Bernardinelli-Seip congenital lipodystrophy 2 homolog (human) (Bscl2), mRNA [NM_001012171]	12,035
Cyp2j3	Rattus norvegicus cytochrome P450, family 2, subfamily j, polypeptide 3 (Cyp2j3), mRNA [NM_175766]	12,032
Pgbd5	Rattus norvegicus piggyBac transposable element derived 5 (Pgbd5), mRNA [NM_001106198]	12,032
Rg9mtd1	Rattus norvegicus RNA (guanine-9-) methyltransferase domain containing 1 (Rg9mtd1), nuclear gene encoding mitochondrial protein, mRNA [NM_001008337]	12,032
0	PREDICTED: Rattus norvegicus similar to stathmin 1/oncoprotein 18) (RGD1565395), mRNA [XM_001081318]	12,031
Arsk	Rattus norvegicus arylsulfatase family, member K (Arsk), mRNA [NM_001047917]	12,025
Far2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2S1] [ENSRNOT00000002528]	12,023
Irs2	Rattus norvegicus insulin receptor substrate 2 (Irs2), mRNA [NM_001168633]	12,022
Itpk1	Rattus norvegicus inositol 1,3,4-triphosphate 5/6 kinase (Itpk1), mRNA [NM_001191985]	12,021
RGD1563669	Rattus norvegicus similar to Mediator of RNA polymerase II transcription, subunit 9 homolog (RGD1563669), mRNA [NM_001127302]	12,021
0	Unknown	12,018
0	Unknown	12,018
Ccnc	Rattus norvegicus cyclin C (Ccnc), mRNA [NM_001100472]	12,014
0	Unknown	12,014
0	Unknown	12,014
Ccdc39	Rattus norvegicus coiled-coil domain containing 39 (Ccdc39), mRNA [NM_001107667]	12,011
Mlxip	PREDICTED: Rattus norvegicus MLX interacting protein (Mlxip), mRNA [XM_001079320]	12,010
Zfr	Zinc finger RNA-binding protein [Source:UniProtKB/Swiss-Prot;Acc:Q562A2] [ENSRNOT00000016196]	12,008
Olr1516	Rattus norvegicus olfactory receptor 1516 (Olr1516), mRNA [NM_001000038]	12,006
Lhx6	Rattus norvegicus LIM homeobox 6 (Lhx6), mRNA [NM_001107837]	12,004
LOC302192	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC302192), mRNA [XM_001065392]	12,001
Csda	Rattus norvegicus cold shock domain protein A (Csda), mRNA [NM_031979]	12,000
Slc6a9	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, glycine), member 9 (Slc6a9), mRNA [NM_053818]	12,000
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZK01] [ENSRNOT00000045607]	11,998
Myo9b	Rattus norvegicus myosin IXb (Myo9b), mRNA [NM_012984]	11,997
LOC500028	Rattus norvegicus hypothetical protein LOC500028 (LOC500028), mRNA [NM_001047954]	11,996
Stk3	Rattus norvegicus serine/threonine kinase 3 (STE20 homolog, yeast) (Stk3), mRNA [NM_031735]	11,995
Lmln	Rattus norvegicus leishmanolysin-like (metallopeptidase M8 family) (Lmln), mRNA [NM_001108843]	11,995
0	Unknown	11,994
0	Rattus norvegicus similar to Pyruvate kinase, M2 isozyme (LOC315231), mRNA [XM_235589]	11,993
0	Unknown	11,993
Tmem41b	Rattus norvegicus transmembrane protein 41B (Tmem41b), mRNA [NM_001012358]	11,993
0	Unknown	11,988

RGD1359600	Rattus norvegicus LEA_4 domain containing protein RGD1359600 (RGD1359600), mRNA [NM_001007688]	11,987
Actr3	Rattus norvegicus ARP3 actin-related protein 3 homolog (yeast) (Actr3), mRNA [NM_031068]	11,984
Nelf	Rattus norvegicus nasal embryonic LHRH factor (Nelf), mRNA [NM_057190]	11,984
Camk2d	Rattus norvegicus calcium/calmodulin-dependent protein kinase II delta (Camk2d), mRNA [NM_012519]	11,984
Pex5l	Rattus norvegicus peroxisomal biogenesis factor 5-like (Pex5l), mRNA [NM_173152]	11,982
Rybp	Rattus norvegicus RING1 and YY1 binding protein (Rybp), mRNA [NM_001107879]	11,980
LOC502894	Rattus norvegicus hypothetical protein LOC502894 (LOC502894), mRNA [NM_001025064]	11,979
Hdac1	Rattus norvegicus histone deacetylase 1 (Hdac1), mRNA [NM_001025409]	11,978
0	PREDICTED: Rattus norvegicus similar to putative nucleic acid binding protein RY-1 (LOC685367), mRNA [XM_001063506]	11,977
Idi2	Rattus norvegicus isopentenyl-diphosphate delta isomerase 2 (Idi2), mRNA [NM_001192008]	11,977
Ror2	Rattus norvegicus receptor tyrosine kinase-like orphan receptor 2 (Ror2), mRNA [NM_001107339]	11,977
Armc7	Rattus norvegicus armadillo repeat containing 7 (Armc7), mRNA [NM_001127522]	11,974
Fhl3	Rattus norvegicus four and a half LIM domains 3 (Fhl3), mRNA [NM_001107979]	11,974
Crebl2	Rattus norvegicus cAMP responsive element binding protein-like 2 (Crebl2), mRNA [NM_001015027]	11,974
0	Unknown	11,973
Kirrel3	Rattus norvegicus kin of IRRE like 3 (Drosophila) (Kirrel3), mRNA [NM_001048215]	11,972
Clptm1l	Rattus norvegicus CLPTM1-like (Clptm1l), mRNA [NM_001108240]	11,971
Smpd3	Rattus norvegicus sphingomyelin phosphodiesterase 3, neutral membrane (Smpd3), mRNA [NM_053605]	11,970
Plekho1	Rattus norvegicus pleckstrin homology domain containing, family O member 1 (Plekho1), mRNA [NM_001025119]	11,970
Sh3bp5	Rattus norvegicus SH3-domain binding protein 5 (BTK-associated) (Sh3bp5), mRNA [NM_054011]	11,967
LOC684122	PREDICTED: Rattus norvegicus similar to development and differentiation enhancing factor-like 1 (LOC684122), mRNA [XM_001069024]	11,967
Csrnp2	Rattus norvegicus cysteine-serine-rich nuclear protein 2 (Csrnp2), mRNA [NM_001108113]	11,966
0	Unknown	11,966
Gja8	Rattus norvegicus gap junction membrane channel protein alpha 8 (Gja8), mRNA [NM_153465]	11,965
Dhx33	Rattus norvegicus DEAH (Asp-Glu-Ala-His) box polypeptide 33 (Dhx33), mRNA [NM_001105802]	11,965
C8g	Rattus norvegicus complement component 8, gamma polypeptide (C8g), mRNA [NM_001106555]	11,963
Ttyh1	Rattus norvegicus tweety homolog 1 (Drosophila) (Ttyh1), mRNA [NM_001106225]	11,957
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0B5] [ENSRNOT00000064837]	11,956
Dusp3	Rattus norvegicus dual specificity phosphatase 3 (Dusp3), mRNA [NM_001173376]	11,955
Psme4	Rattus norvegicus proteasome (prosome, macropain) activator subunit 4 (Psme4), mRNA [NM_001025140]	11,952
Rptn	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRF0] [ENSRNOT00000025249]	11,948
B3gnt4	Rattus norvegicus UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4 (B3gnt4), mRNA [NM_001105938]	11,945
Phactr3	Rattus norvegicus phosphatase and actin regulator 3 (Phactr3), mRNA [NM_214459]	11,945
Slc24a1	Rattus norvegicus solute carrier family 24 (sodium/potassium/calcium exchanger), member 1 (Slc24a1), mRNA [NM_020090]	11,945

Elmo2	Rattus norvegicus engulfment and cell motility 2 (Elmo2), mRNA [NM_001134955]	11,945
RGD1306215	Rattus norvegicus similar to hypothetical protein MGC36831 (RGD1306215), mRNA [NM_001106556]	11,944
0	Unknown	11,943
Coro7	Rattus norvegicus coronin 7 (Coro7), mRNA [NM_001191639]	11,940
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFF7] [ENSRNOT00000020342]	11,939
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFV6] [ENSRNOT00000068346]	11,939
Rpl10	Rattus norvegicus ribosomal protein L10 (Rpl10), mRNA [NM_031100]	11,937
Rab15	Rattus norvegicus RAB15, member RAS oncogene family (Rab15), mRNA [NM_198749]	11,934
H1foo	Rattus norvegicus H1 histone family, member O, oocyte-specific (H1foo), mRNA [NM_001109351]	11,931
Ccdc49	Rattus norvegicus coiled-coil domain containing 49 (Ccdc49), mRNA [NM_001108295]	11,931
Akap7	A-kinase anchoring protein 18 ,isoform delta [Source:RefSeq peptide;Acc:NP_001001801] [ENSRNOT00000017617]	11,929
0	Unknown	11,929
Trim3	Rattus norvegicus tripartite motif-containing 3 (Trim3), mRNA [NM_031786]	11,928
0	Unknown	11,926
Top1	Rattus norvegicus topoisomerase (DNA) I (Top1), mRNA [NM_022615]	11,921
Ccdc135	Rattus norvegicus coiled-coil domain containing 135 (Ccdc135), mRNA [NM_001106169]	11,921
Zfp748	PREDICTED: Rattus norvegicus zinc finger protein 748 (Zfp748), mRNA [XM_001056356]	11,921
F2r1	Rattus norvegicus coagulation factor II (thrombin) receptor-like 1 (F2r1), mRNA [NM_053897]	11,918
Rrbp1	PREDICTED: Rattus norvegicus ribosome binding protein 1, transcript variant 3 (Rrbp1), mRNA [XM_001053669]	11,916
Eps8	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWU6] [ENSRNOT00000009328]	11,915
0	Unknown	11,915
0	Unknown	11,915
Padi1	Rattus norvegicus peptidyl arginine deiminase, type I (Padi1), mRNA [NM_019332]	11,913
RGD1306926	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX03] [ENSRNOT00000054974]	11,913
0	Unknown	11,907
RGD1306556	PREDICTED: Rattus norvegicus similar to hypothetical protein A530094D01 (RGD1306556), mRNA [XM_001080521]	11,906
Pten	Rattus norvegicus phosphatase and tensin homolog (Pten), mRNA [NM_031606]	11,906
Bin3	Rattus norvegicus bridging integrator 3 (Bin3), mRNA [NM_001013186]	11,905
Rabgap1l	Rattus norvegicus RAB GTPase activating protein 1-like (Rabgap1l), mRNA [NM_001107190]	11,904
Mtss1	Rattus norvegicus metastasis suppressor 1 (Mtss1), mRNA [NM_001130563]	11,904
Amn1	Rattus norvegicus antagonist of mitotic exit network 1 homolog (S. cerevisiae) (Amn1), mRNA [NM_001008333]	11,903
Fam122b	Rattus norvegicus family with sequence similarity 122B (Fam122b), mRNA [NM_001166586]	11,903
Pcmdt2	Rattus norvegicus protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2 (Pcmdt2), mRNA [NM_001107810]	11,903
Slc20a2	Rattus norvegicus solute carrier family 20 (phosphate transporter), member 2 (Slc20a2), mRNA [NM_017223]	11,903

Hist1h1b	Rattus norvegicus histone cluster 1, H1b (Hist1h1b), mRNA [NM_001109417]	11,899
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC313443), mRNA [XM_233295]	11,898
Neu1	Rattus norvegicus sialidase 1 (lysosomal sialidase) (Neu1), mRNA [NM_031522]	11,897
Dgkg	Rattus norvegicus diacylglycerol kinase, gamma (Dgkg), mRNA [NM_013126]	11,894
Fhdc1	Rattus norvegicus FH2 domain containing 1 (Fhdc1), mRNA [NM_001106437]	11,892
Cyp2s1	Rattus norvegicus cytochrome P450, family 2, subfamily s, polypeptide 1 (Cyp2s1), mRNA [NM_001107495]	11,890
0	Rattus norvegicus similar to 60S ribosomal protein L23a (LOC299190), mRNA [XM_234397]	11,888
Ttc7b	Rattus norvegicus tetratricopeptide repeat domain 7B (Ttc7b), mRNA [NM_001108719]	11,887
Atp7b	Rattus norvegicus ATPase, Cu ⁺⁺ transporting, beta polypeptide (Atp7b), mRNA [NM_012511]	11,887
Lrfn2	Rattus norvegicus leucine rich repeat and fibronectin type III domain containing 2 (Lrfn2), mRNA [NM_001039699]	11,885
M6prbp1	PREDICTED: Rattus norvegicus mannose-6-phosphate receptor binding protein 1 (M6prbp1), mRNA [XM_001061015]	11,883
Znf667	Rattus norvegicus zinc finger protein 667 (Znf667), mRNA [NM_001008557]	11,882
0	STML1_MOUSE (Q8CI66) Stomatin-like protein 1 (SLP-1), partial (6%) [TC590815]	11,880
Pqlc1	Rattus norvegicus PQ loop repeat containing 1 (Pqlc1), mRNA [NM_001013189]	11,879
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU50] [ENSRNOT0000001479]	11,878
Kcnb1	Rattus norvegicus potassium voltage gated channel, Shab-related subfamily, member 1 (Kcnb1), mRNA [NM_013186]	11,878
Tspyl4	Rattus norvegicus TSPY-like 4 (Tspyl4), mRNA [NM_001012075]	11,876
0	Unknown	11,875
0	Unknown	11,875
Spcs2	Rattus norvegicus signal peptidase complex subunit 2 homolog (<i>S. cerevisiae</i>) (Spcs2), mRNA [NM_001191601]	11,871
RGD1561678	PREDICTED: Rattus norvegicus similar to Ten-m1 (RGD1561678), mRNA [XM_002730177]	11,871
Ift80	Rattus norvegicus intraflagellar transport 80 homolog (<i>Chlamydomonas</i>) (Ift80), mRNA [NM_001013911]	11,870
0	Unknown	11,870
Pigs	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class S (Pigs), mRNA [NM_001006602]	11,870
RGD1307722	Rattus norvegicus similar to hypothetical protein MGC20700 (RGD1307722), mRNA [NM_001108730]	11,868
Tox4	Rattus norvegicus TOX high mobility group box family member 4 (Tox4), mRNA [NM_173324]	11,866
Cd200	Rattus norvegicus Cd200 molecule (Cd200), mRNA [NM_031518]	11,865
0	Unknown	11,865
Sorcs2	Rattus norvegicus sortilin-related VPS10 domain containing receptor 2 (Sorcs2), mRNA [NM_001107225]	11,864
Ccdc147	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGP0] [ENSRNOT00000017283]	11,864
Casp9	Rattus norvegicus caspase 9, apoptosis-related cysteine peptidase (Casp9), mRNA [NM_031632]	11,863
Ng23	Rattus norvegicus Ng23 protein (Ng23), mRNA [NM_001004069]	11,862
Atp6v0a2	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V0 subunit A2 (Atp6v0a2), mRNA [NM_053775]	11,859

LOC683713	Rattus norvegicus similar to Galactosylceramide sulfotransferase (GalCer sulfotransferase) (Cerebroside sulfotransferase) (3-phosphoadenylylsulfate:galactosylceramide 3-sulfotransferase) (3-phosphoadenosine-5-phosphosulfate:GalCer sulfotransferase) (LOC683	11,858
Tram1	Rattus norvegicus translocation associated membrane protein 1 (Tram1), mRNA [NM_001007701]	11,858
0	Unknown	11,855
Npap60	Rattus norvegicus nuclear pore associated protein (Npap60), mRNA [NM_012991]	11,854
Cnr1	Rattus norvegicus cannabinoid receptor 1 (brain) (Cnr1), mRNA [NM_012784]	11,851
Rftn2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD65] [ENSRNOT00000020910]	11,850
RGD1559971	PREDICTED: Rattus norvegicus similar to Na ⁺ dependent glucose transporter 1 (RGD1559971), mRNA [XM_001062835]	11,848
Phf20I1	Rattus norvegicus PHD finger protein 20-like 1, mRNA (cDNA clone IMAGE:7389535), complete cds. [BC096896]	11,847
Ppm1e	Rattus norvegicus protein phosphatase 1E (PP2C domain containing) (Ppm1e), mRNA [NM_198773]	11,846
Siah1a	Rattus norvegicus seven in absentia 1A (Siah1a), mRNA [NM_080905]	11,846
Lypd6b	Rattus norvegicus LY6/PLAUR domain containing 6B (Lypd6b), mRNA [NM_001134580]	11,845
0	PREDICTED: Rattus norvegicus similar to monoacylglycerol O-acyltransferase 2 (LOC687054), mRNA [XM_001076877]	11,845
LOC691797	PREDICTED: Rattus norvegicus similar to developmental pluripotency-associated 3 (LOC691797), mRNA [XM_001079667]	11,844
RT1-CE11	Rattus norvegicus RT1 class I, locus CE11 (RT1-CE11), mRNA [NM_001008834]	11,843
0	Unknown	11,843
RGD1562989	PREDICTED: Rattus norvegicus similar to serine/threonine kinase (RGD1562989), mRNA [XM_229637]	11,839
0	Unknown	11,838
Sdsl	Rattus norvegicus serine dehydratase-like (Sdsl), mRNA [NM_001108336]	11,837
Vdac3	Rattus norvegicus voltage-dependent anion channel 3 (Vdac3), mRNA [NM_031355]	11,834
Lmod2	Rattus norvegicus leiomodoin 2 (cardiac) (Lmod2), mRNA [NM_001100964]	11,829
RGD1306613	Rattus norvegicus similar to RIKEN cDNA 1600012F09 (RGD1306613), mRNA [NM_001107356]	11,826
Hnrnpu	Rattus norvegicus heterogeneous nuclear ribonucleoprotein U (Hnrnpu), mRNA [NM_057139]	11,826
LOC691365	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMI8] [ENSRNOT00000048115]	11,825
Lgi4	Rattus norvegicus leucine-rich repeat LGI family, member 4 (Lgi4), mRNA [NM_199499]	11,823
Scn1b	Rattus norvegicus sodium channel, voltage-gated, type I, beta (Scn1b), mRNA [NM_017288]	11,819
Zfp385c	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE95] [ENSRNOT00000067868]	11,818
Usp53	Rattus norvegicus ubiquitin specific peptidase 53 (Usp53), mRNA [NM_001106468]	11,818
Tm9sf4	Rattus norvegicus transmembrane 9 superfamily protein member 4 (Tm9sf4), mRNA [NM_001025649]	11,818
Mrgprb13	Rattus norvegicus MAS-related GPR, member B13 (Mrgprb13), mRNA [NM_001002283]	11,817
Chmp4b	PREDICTED: Rattus norvegicus chromatin modifying protein 4B (Chmp4b), mRNA [XM_001073409]	11,815
Dnmt3b	Rattus norvegicus DNA (cytosine-5-)-methyltransferase 3 beta (Dnmt3b), mRNA [NM_001003959]	11,814
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC365427), mRNA [XM_345008]	11,814

Kif3b	Rattus norvegicus kinesin family member 3B (Kif3b), mRNA [NM_001106529]	11,812
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000046075]	11,809
Ranbp10	Rattus norvegicus RAN binding protein 10 (Ranbp10), mRNA [NM_001135875]	11,808
0	PREDICTED: Rattus norvegicus similar to centromere autoantigen H (LOC684611), mRNA [XM_001071235]	11,807
Tmx1	Rattus norvegicus thioredoxin-related transmembrane protein 1 (Tmx1), mRNA [NM_001024800]	11,805
Xpnpep3	Rattus norvegicus X-prolyl aminopeptidase (aminopeptidase P) 3, putative (Xpnpep3), mRNA [NM_001130582]	11,805
Pank2	Rattus norvegicus pantothenate kinase 2 (Hallervorden-Spatz syndrome) (Pank2), nuclear gene encoding mitochondrial protein, mRNA [NM_001106513]	11,802
Pip5k1a	Rattus norvegicus phosphatidylinositol-4-phosphate 5-kinase, type 1, alpha (Pip5k1a), mRNA [NM_001042621]	11,802
0	Unknown	11,801
Kcnk2	Rattus norvegicus potassium channel, subfamily K, member 2 (Kcnk2), transcript variant 2, mRNA [NM_172042]	11,801
Uap1	Rattus norvegicus UDP-N-acteylglucosamine pyrophosphorylase 1 (Uap1), mRNA [NM_001191930]	11,800
Aup1	Rattus norvegicus ancient ubiquitous protein 1 (Aup1), mRNA [NM_001079899]	11,800
Prkd2	Rattus norvegicus protein kinase D2 (Prkd2), mRNA [NM_001013895]	11,799
Tmx2	Rattus norvegicus thioredoxin-related transmembrane protein 2 (Tmx2), mRNA [NM_001007643]	11,799
Yipf2	Rattus norvegicus Yip1 domain family, member 2 (Yipf2), mRNA [NM_001014208]	11,798
0	Unknown	11,798
Spred3	Rattus norvegicus sprouty-related, EVH1 domain containing 3 (Spred3), mRNA [NM_001173344]	11,797
0	Unknown	11,794
Vom2r41	Rattus norvegicus vomeronasal 2 receptor, 41 (Vom2r41), mRNA [NM_001099500]	11,793
Gca	Rattus norvegicus grancalcin (Gca), mRNA [NM_001106483]	11,791
Gnas	Rattus norvegicus GNAS complex locus (Gnas), transcript variant 3, mRNA [NM_019132]	11,791
0	Unknown	11,790
Fam110a	Rattus norvegicus family with sequence similarity 110, member A (Fam110a), mRNA [NM_001014050]	11,788
Olr689	Rattus norvegicus olfactory receptor 689 (Olr689), mRNA [NM_001000997]	11,787
Cyp4x1	Rattus norvegicus cytochrome P450, family 4, subfamily x, polypeptide 1 (Cyp4x1), mRNA [NM_145675]	11,787
Znf76	Rattus norvegicus zinc finger protein 76 (expressed in testis) (Znf76), mRNA [NM_001134755]	11,785
Scnm1	Rattus norvegicus sodium channel modifier 1 (Scnm1), mRNA [NM_001107696]	11,785
Fzd3	Rattus norvegicus frizzled homolog 3 (Drosophila) (Fzd3), mRNA [NM_153474]	11,783
Acad11	Rattus norvegicus acyl-Coenzyme A dehydrogenase family, member 11 (Acad11), mRNA [NM_001108181]	11,782
Parp6	Rattus norvegicus poly (ADP-ribose) polymerase family, member 6 (Parp6), mRNA [NM_001106828]	11,782
Apaf1	Rattus norvegicus apoptotic peptidase activating factor 1 (Apaf1), mRNA [NM_023979]	11,778
Dock9	Rattus norvegicus dedicator of cytokinesis 9 (Dock9), mRNA [NM_001105759]	11,775
Pcdhb15	PREDICTED: Rattus norvegicus protocadherin beta 15 (Pcdhb15), mRNA [XM_001055818]	11,774

Traf4	Rattus norvegicus Tnf receptor associated factor 4 (Traf4), mRNA [NM_001107017]	11,774
Thrap3	Rattus norvegicus thyroid hormone receptor associated protein 3 (Thrap3), mRNA [NM_001009693]	11,771
Hyal3	Rattus norvegicus hyaluronoglucosaminidase 3 (Hyal3), mRNA [NM_207599]	11,771
Ptma	Rattus norvegicus prothymosin alpha (Ptma), mRNA [NM_021740]	11,771
Grifin	Rattus norvegicus galectin-related inter-fiber protein (Grifin), mRNA [NM_057187]	11,770
Ncoa6	Nuclear receptor coactivator 6 [Source:UniProtKB/Swiss-Prot;Acc:Q9JLI4] [ENSRNOT00000024714]	11,768
Pacrg	Rattus norvegicus Park2 co-regulated (Pacrg), mRNA [NM_001077677]	11,768
LOC682215	PREDICTED: Rattus norvegicus hypothetical protein LOC682215 (LOC682215), mRNA [XM_001060486]	11,767
Slc22a8	Rattus norvegicus solute carrier family 22 (organic anion transporter), member 8 (Slc22a8), mRNA [NM_031332]	11,767
RGD1304878	PREDICTED: Rattus norvegicus similar to 2410024A21Rik protein (RGD1304878), miscRNA [XR_005460]	11,766
Pftk1	Rattus norvegicus PFTAIRES protein kinase 1 (Pftk1), mRNA [NM_001108617]	11,763
0	protein phosphatase 2, regulatory subunit B (B56), delta isoform Gene [Source:MGI Symbol;Acc:MGI:2388481] [ENSRNOT00000022862]	11,761
LOC690000	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWS2] [ENSRNOT00000020079]	11,761
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEZ6] [ENSRNOT00000066536]	11,758
Sstr5	Rattus norvegicus somatostatin receptor 5 (Sstr5), mRNA [NM_012882]	11,757
Slc36a4	Rattus norvegicus solute carrier family 36 (proton/amino acid symporter), member 4 (Slc36a4), mRNA [NM_001108127]	11,757
Nek9	Rattus norvegicus NIMA (never in mitosis gene a)- related kinase 9 (Nek9), mRNA [NM_001106747]	11,755
Pofut1	Rattus norvegicus protein O-fucosyltransferase 1 (Pofut1), mRNA [NM_001002278]	11,755
Brms1l	Rattus norvegicus breast cancer metastasis-suppressor 1-like (Brms1l), mRNA [NM_001106731]	11,755
Vasn	Rattus norvegicus vasorin (Vasn), mRNA [NM_001109382]	11,755
Slc43a2	Rattus norvegicus solute carrier family 43, member 2 (Slc43a2), mRNA [NM_001105812]	11,746
0	Unknown	11,745
0	Rattus norvegicus TL0ABA36YD02 mRNA sequence. [FQ210020]	11,744
Pnoc	Rattus norvegicus prepronociceptin (Pnoc), mRNA [NM_013007]	11,742
Mast3	Rattus norvegicus microtubule associated serine/threonine kinase 3 (Mast3), mRNA [NM_001134796]	11,741
LOC688459	Rattus norvegicus hypothetical protein LOC688459 (LOC688459), mRNA [NM_001109502]	11,741
Cbp	Rattus norvegicus Csk binding protein (Cbp), mRNA [NM_022253]	11,741
Efha2	Rattus norvegicus EF hand domain family, member A2 (Efha2), mRNA [NM_001191892]	11,741
Chst15	Rattus norvegicus carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15 (Chst15), mRNA [NM_173310]	11,740
0	Unknown	11,740
Fam120b	Rattus norvegicus family with sequence similarity 120B (Fam120b), mRNA [NM_001107466]	11,740
Cdk6	Rattus norvegicus cyclin-dependent kinase 6 (Cdk6), mRNA [NM_001191861]	11,739
LOC686295	PREDICTED: Rattus norvegicus similar to CG17293-PA (LOC686295), mRNA [XM_001073342]	11,739
Ikkkb	Rattus norvegicus inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta (Ikkkb), mRNA [NM_053355]	11,739

Myf5	Rattus norvegicus myogenic factor 5 (Myf5), mRNA [NM_001106783]	11,737
Kras	Rattus norvegicus v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog (Kras), mRNA [NM_031515]	11,734
RGD1559513	PREDICTED: Rattus norvegicus similar to DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (RGD1559513), mRNA [XM_001059856]	11,730
Gpr108	Rattus norvegicus G protein-coupled receptor 108 (Gpr108), mRNA [NM_199399]	11,730
RGD1563307	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A466] [ENSRNOT00000030832]	11,726
Adam10	PREDICTED: Rattus norvegicus ADAM metallopeptidase domain 10 (Adam10), mRNA [XM_217197]	11,722
0	Unknown	11,721
Ubac2	Rattus norvegicus UBA domain containing 2 (Ubac2), mRNA [NM_001034937]	11,721
0	Unknown	11,721
Spata6	Rattus norvegicus spermatogenesis associated 6 (Spata6), mRNA [NM_134392]	11,721
0	Unknown	11,720
Fam84a	Rattus norvegicus family with sequence similarity 84, member A (Fam84a), mRNA [NM_001127299]	11,719
0	PREDICTED: Rattus norvegicus similar to Mblk1-related protein-2 (LOC679031), mRNA [XM_001054322]	11,717
Arl2	Rattus norvegicus ADP-ribosylation factor-like 2 (Arl2), mRNA [NM_031711]	11,717
Rin2	Rattus norvegicus Ras and Rab interactor 2 (Rin2), mRNA [NM_001107786]	11,716
Znf593	Rattus norvegicus zinc finger protein 593 (Znf593), mRNA [NM_001106689]	11,715
Fads6	Rattus norvegicus fatty acid desaturase domain family, member 6 (Fads6), mRNA [NM_001107064]	11,714
Pcdhb13	Protocadherin-T4 [Source:UniProtKB/TrEMBL;Acc:Q9JIU1] [ENSRNOT00000027172]	11,713
Abcb7	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 7 (Abcb7), nuclear gene encoding mitochondrial protein, mRNA [NM_212518]	11,713
M6pr	Rattus norvegicus mannose-6-phosphate receptor, cation dependent (M6pr), mRNA [NM_001007700]	11,712
0	AGENCOURT_26626347 NIH_MGC_253 Rattus norvegicus cDNA clone IMAGE:7301841 5', mRNA sequence [CO388903]	11,712
G3bp1	Rattus norvegicus GTPase activating protein (SH3 domain) binding protein 1 (G3bp1), mRNA [NM_133565]	11,710
Zdhhc1	Rattus norvegicus zinc finger, DHHC-type containing 1 (Zdhhc1), mRNA [NM_001039099]	11,710
Zfp426	Rattus norvegicus zinc finger protein 426 (Zfp426), mRNA [NM_001079943]	11,707
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUZ3] [ENSRNOT00000045859]	11,707
0	Unknown	11,706
Ndufaf1	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 (Ndufaf1), mRNA [NM_001106500]	11,704
Cyp2s1	Rattus norvegicus cytochrome P450, family 2, subfamily s, polypeptide 1 (Cyp2s1), mRNA [NM_001107495]	11,704
0	Unknown	11,703
0	Tetratricopeptide repeat protein GNN [Source:UniProtKB/Swiss-Prot;Acc:Q6P3V7] [ENSRNOT00000059545]	11,700
Pdap1	Rattus norvegicus PDGFA associated protein 1 (Pdap1), mRNA [NM_022595]	11,699
Def8	Rattus norvegicus differentially expressed in FDCP 8 homolog (mouse) (Def8), mRNA [NM_001024774]	11,699
0	Unknown	11,698

Zfp53	Rattus norvegicus zinc finger protein 53 (Zfp53), mRNA [NM_001107468]	11,698
Zar1l	PREDICTED: Rattus norvegicus similar to Zygote arrest 1 (Oocyte-specific maternal effect factor) (LOC689594), mRNA [XM_001071298]	11,697
Chtf8	Rattus norvegicus CTF8, chromosome transmission fidelity factor 8 homolog (S. cerevisiae) (Chtf8), mRNA [NM_001194951]	11,695
Kif1b	Rattus norvegicus kinesin family member 1B (Kif1b), mRNA [NM_057200]	11,694
Gimap9	Rattus norvegicus GTPase, IMAP family member 9 (Gimap9), mRNA [NM_001008398]	11,694
Timp2	Rattus norvegicus TIMP metalloproteinase inhibitor 2 (Timp2), mRNA [NM_021989]	11,692
Dcun1d1	Rattus norvegicus DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae) (Dcun1d1), mRNA [NM_001107668]	11,690
Cacnb4	Rattus norvegicus calcium channel, voltage-dependent, beta 4 subunit (Cacnb4), mRNA [NM_001105733]	11,688
Zfp322a	Rattus norvegicus zinc finger protein 322a (Zfp322a), mRNA [NM_001135084]	11,687
0	Q8CHN9_RAT (Q8CHN9) Transcription factor 1, complete [TC573664]	11,686
Oprm1	Rattus norvegicus opioid receptor, mu 1 (Oprm1), transcript variant MOR-1A, mRNA [NM_001038597]	11,686
Abo	Rattus norvegicus ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase) (Abo), mRNA [NM_023094]	11,685
Ccdc28a	Rattus norvegicus coiled-coil domain containing 28A (Ccdc28a), mRNA [NM_001037789]	11,685
Birc5	Rattus norvegicus baculoviral IAP repeat-containing 5 (Birc5), mRNA [NM_022274]	11,682
Rpl28	Rattus norvegicus ribosomal protein L28 (Rpl28), mRNA [NM_022697]	11,681
Rgs2	Rattus norvegicus regulator of G-protein signaling 2 (Rgs2), mRNA [NM_053453]	11,679
Clcn5	Rattus norvegicus chloride channel 5 (Clcn5), mRNA [NM_017106]	11,678
Fabp12	Rattus norvegicus fatty acid binding protein 12 (Fabp12), mRNA [NM_001134614]	11,677
Sppl2a	Rattus norvegicus signal peptide peptidase-like 2A (Sppl2a), mRNA [NM_001107770]	11,675
Xpnpep3	Rattus norvegicus X-prolyl aminopeptidase (aminopeptidase P) 3, putative (Xpnpep3), mRNA [NM_001130582]	11,675
Il20	Rattus norvegicus interleukin 20 (Il20), mRNA [NM_001143881]	11,674
Armc5	Rattus norvegicus armadillo repeat containing 5 (Armc5), mRNA [NM_001009455]	11,674
Slc4a10	Rattus norvegicus solute carrier family 4, sodium bicarbonate transporter, member 10 (Slc4a10), mRNA [NM_178092]	11,671
0	Unknown	11,670
B2m	Rattus norvegicus beta-2 microglobulin (B2m), mRNA [NM_012512]	11,669
Ccr9	Rattus norvegicus chemokine (C-C motif) receptor 9 (Ccr9), mRNA [NM_172329]	11,667
Nacc1	Rattus norvegicus nucleus accumbens associated 1, BEN and BTB (POZ) domain containing (Nacc1), mRNA [NM_134413]	11,665
LOC691786	PREDICTED: Rattus norvegicus similar to Stannin (LOC691786), mRNA [XM_001079624]	11,664
Kctd5	Rattus norvegicus potassium channel tetramerisation domain containing 5 (Kctd5), mRNA [NM_001105768]	11,664
0	Unknown	11,660
0	Rattus norvegicus similar to RIKEN cDNA A830059I20 (LOC299265), mRNA [XM_234480]	11,659
RT1-DMb	Rattus norvegicus RT1 class II, locus DMb (RT1-DMb), mRNA [NM_198740]	11,659
Rap1b	Rattus norvegicus RAP1B, member of RAS oncogene family (Rap1b), mRNA [NM_134346]	11,658

Grpr	Rattus norvegicus gastrin releasing peptide receptor (Grpr), mRNA [NM_012706]	11,658
LOC100364244	PREDICTED: Rattus norvegicus rCG43589-like (LOC100364244), mRNA [XM_002727401]	11,657
Map3k10	Rattus norvegicus mitogen activated protein kinase kinase kinase 10 (Map3k10), mRNA [NM_001191621]	11,655
0	Unknown	11,654
0	Unknown	11,653
Arpp21	Rattus norvegicus cAMP-regulated phosphoprotein 21 (Arpp21), transcript variant 1, mRNA [NM_001135046]	11,653
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUQ8] [ENSRNOT00000032636]	11,653
Arhgef6	Rattus norvegicus Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6 (Arhgef6), mRNA [NM_001005565]	11,652
Camk2b	Rattus norvegicus calcium/calmodulin-dependent protein kinase II beta (Camk2b), transcript variant 1, mRNA [NM_001042354]	11,651
Rufy3	Rattus norvegicus RUN and FYVE domain containing 3 (Rufy3), mRNA [NM_001025127]	11,650
Abcc10	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 10 (Abcc10), mRNA [NM_001108201]	11,649
Efhc1	Rattus norvegicus EF-hand domain (C-terminal) containing 1 (Efhc1), mRNA [NM_001122947]	11,648
LOC500893	Rattus norvegicus similar to GLI-Kruppel family member GLI4 (LOC500893), mRNA [NM_001029926]	11,646
Capn2	Rattus norvegicus calpain 2 (Capn2), mRNA [NM_017116]	11,646
Dnm2	Rattus norvegicus dynamin 2 (Dnm2), mRNA [NM_013199]	11,645
Tef	Rattus norvegicus thyrotrophic embryonic factor (Tef), mRNA [NM_019194]	11,645
Ptpro	Rattus norvegicus protein tyrosine phosphatase, receptor type, O (Ptpro), mRNA [NM_017336]	11,644
Dnmbp	PREDICTED: Rattus norvegicus dynamin binding protein (Dnmbp), mRNA [XM_219860]	11,641
LOC690137	PREDICTED: Rattus norvegicus similar to transmembrane protein induced by tumor necrosis factor alpha (LOC690137), mRNA [XM_001073419]	11,640
Chdh	Rattus norvegicus choline dehydrogenase (Chdh), nuclear gene encoding mitochondrial protein, mRNA [NM_198731]	11,638
0	Unknown	11,638
Parp16	Rattus norvegicus poly (ADP-ribose) polymerase family, member 16 (Parp16), mRNA [NM_001014093]	11,638
Rpgr	Rattus norvegicus retinitis pigmentosa GTPase regulator (Rpgr), mRNA [NM_001127601]	11,636
Oxr1	Rattus norvegicus oxidation resistance 1 (Oxr1), transcript variant 1, mRNA [NM_001197907]	11,636
Slc13a5	Rattus norvegicus solute carrier family 13 (sodium-dependent citrate transporter), member 5 (Slc13a5), mRNA [NM_170668]	11,636
Epb49	Rattus norvegicus erythrocyte membrane protein band 4.9 (dematin) (Epb49), mRNA [NM_001108385]	11,635
0	Unknown	11,635
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV94] [ENSRNOT00000064107]	11,634
Nudt16	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 16 (Nudt16), mRNA [NM_001127554]	11,633
Pcnx13	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSQ1] [ENSRNOT00000064136]	11,633
RGD1562339	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AC80] [ENSRNOT00000002408]	11,631
Cpg1	Rattus norvegicus candidate plasticity gene 1 (Cpg1), mRNA [NM_178104]	11,630
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT95] [ENSRNOT00000004563]	11,629
LOC691920	PREDICTED: Rattus norvegicus similar to kinesin-like motor protein C20orf23 (LOC691920), mRNA [XM_001080099]	11,629

Bre	Rattus norvegicus brain and reproductive organ-expressed protein (Bre), mRNA [NM_199270]	11,628
Vezf1	PREDICTED: Rattus norvegicus vascular endothelial zinc finger 1 (Vezf1), partial mRNA [XM_001081191]	11,626
Fam120a	Rattus norvegicus family with sequence similarity 120A (Fam120a), mRNA [NM_001191816]	11,625
Ing3	Rattus norvegicus inhibitor of growth family, member 3 (Ing3), mRNA [NM_001034107]	11,623
0	Unknown	11,622
0	Unknown	11,622
Dctn5	Rattus norvegicus dynactin 5 (Dctn5), mRNA [NM_001037778]	11,622
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A105] [ENSRNOT00000026728]	11,620
Pcp2	Rattus norvegicus Purkinje cell protein 2 (Pcp2), mRNA [NM_001107116]	11,619
Gpr68	Rattus norvegicus G protein-coupled receptor 68 (Gpr68), mRNA [NM_001108049]	11,618
0	P53 PG-III protein [Source:UniProtKB/TrEMBL;Acc:Q6I9N3] [ENSRNOT00000049514]	11,616
Znf521	zinc finger protein 521 [Source:RefSeq peptide;Acc:NP_001100873] [ENSRNOT00000022637]	11,616
Ptgdr1	Rattus norvegicus prostaglandin D receptor-like (Ptgdr1), mRNA [NM_022241]	11,615
Rhox2	Rattus norvegicus reproductive homeobox on X chromosome 2 (Rhox2), mRNA [NM_001025746]	11,615
0	Unknown	11,614
Klk11	Rattus norvegicus kallikrein related-peptidase 11 (Klk11), mRNA [NM_001106252]	11,612
Ccdc94	Rattus norvegicus coiled-coil domain containing 94 (Ccdc94), mRNA [NM_001109673]	11,610
LOC689996	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z801] [ENSRNOT00000058976]	11,610
Il6r	Rattus norvegicus interleukin 6 receptor (Il6r), mRNA [NM_017020]	11,609
0	Unknown	11,608
LOC502876	PREDICTED: Rattus norvegicus similar to protein phosphatase 1, regulatory subunit 15B (LOC502876), miscRNA [XR_086238]	11,608
Ttf1	Similar to RNA polymerase I transcription termination factor 1 (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1Z7] [ENSRNOT00000061029]	11,607
Pdzrn3	PREDICTED: Rattus norvegicus PDZ domain containing RING finger 3 (Pdzrn3), mRNA [XM_232226]	11,607
Zdhhc17	Rattus norvegicus zinc finger, DHHC-type containing 17 (Zdhhc17), mRNA [NM_001039340]	11,603
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKV4] [ENSRNOT00000022344]	11,603
Olr1720	Rattus norvegicus olfactory receptor 1720 (Olr1720), mRNA [NM_001001116]	11,602
RGD1561916	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGG6] [ENSRNOT00000017903]	11,597
Pqlc1	Rattus norvegicus PQ loop repeat containing 1 (Pqlc1), mRNA [NM_001013189]	11,596
0	Unknown	11,593
Napg	Rattus norvegicus N-ethylmaleimide-sensitive factor attachment protein, gamma (Napg), mRNA [NM_001107384]	11,592
Arhgap23	PREDICTED: Rattus norvegicus Rho GTPase activating protein 23 (Arhgap23), mRNA [XM_001081375]	11,590
RGD1305254	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWI0] [ENSRNOT00000036343]	11,589
LOC497978	Rattus norvegicus similar to diacylglycerol kinase epsilon (LOC497978), mRNA [NM_001039341]	11,588

N4bp2l2	Rattus norvegicus NEDD4 binding protein 2-like 2 (N4bp2l2), mRNA [NM_001005533]	11,587
Cltc	Rattus norvegicus clathrin, heavy chain (Hc) (Cltc), mRNA [NM_019299]	11,587
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000046075]	11,587
Hdhd2	Rattus norvegicus haloacid dehalogenase-like hydrolase domain containing 2 (Hdhd2), mRNA [NM_001014151]	11,585
Psgb1	Rattus norvegicus pregnancy-specific beta 1-glycoprotein (Psgb1), mRNA [NM_021677]	11,583
Mzf1	Rattus norvegicus myeloid zinc finger 1 (Mzf1), mRNA [NM_001108470]	11,582
Commd9	Rattus norvegicus COMM domain containing 9 (Commd9), mRNA [NM_001033692]	11,582
RGD1563070	Rattus norvegicus similar to hypothetical protein (RGD1563070), mRNA [NM_001134541]	11,582
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC305194), mRNA [XM_223212]	11,581
Cdkl3	Rattus norvegicus cyclin-dependent kinase-like 3 (Cdkl3), transcript variant 2, mRNA [NM_021772]	11,580
Hrh3	Rattus norvegicus histamine receptor H3 (Hrh3), mRNA [NM_053506]	11,580
LOC501089	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC501089), mRNA [XM_576504]	11,579
Gnaz	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha z polypeptide (Gnaz), mRNA [NM_013189]	11,576
Vamp4	Rattus norvegicus vesicle-associated membrane protein 4 (Vamp4), mRNA [NM_001108856]	11,575
Olr741	Rattus norvegicus olfactory receptor 741 (Olr741), mRNA [NM_001000575]	11,575
Yes1	Rattus norvegicus Yamaguchi sarcoma viral (v-yes) oncogene homolog 1 (Yes1), mRNA [NM_033298]	11,574
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJU2] [ENSRNOT00000004966]	11,571
Agt	Rattus norvegicus angiotensinogen (serpin peptidase inhibitor, clade A, member 8) (Agt), mRNA [NM_134432]	11,570
RGD1564224	PREDICTED: Rattus norvegicus similar to hypothetical protein MGC18079 (RGD1564224), mRNA [XM_577106]	11,570
RGD1306682	Rattus norvegicus similar to RIKEN cDNA 1810046J19 (RGD1306682), mRNA [NM_001108296]	11,569
Rnf2	Rattus norvegicus ring finger protein 2 (Rnf2), mRNA [NM_001025667]	11,567
0	Unknown	11,566
RGD1306282	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 4432406C05 (RGD1306282), mRNA [XM_235171]	11,565
Nrip3	Rattus norvegicus nuclear receptor interacting protein 3 (Nrip3), mRNA [NM_001108498]	11,559
Tmem218	Rattus norvegicus transmembrane protein 218 (Tmem218), mRNA [NM_001008325]	11,556
Numbl	Rattus norvegicus numb homolog (Drosophila)-like (Numbl), mRNA [NM_001033888]	11,554
0	Unknown	11,554
0	BC012801 gamma tubulin ring complex protein (76p gene) {Homo sapiens} (exp=-1; wgp=0; cg=0), partial (7%) [TC627508]	11,553
Vsig8	Rattus norvegicus V-set and immunoglobulin domain containing 8 (Vsig8), mRNA [NM_001105972]	11,552
0	Unknown	11,551
Usp8	Rattus norvegicus ubiquitin specific peptidase 8 (Usp8), mRNA [NM_001106502]	11,549
RGD1310727	Rattus norvegicus LOC363070 (RGD1310727), mRNA [NM_001108764]	11,549
Alpi	Rattus norvegicus alkaline phosphatase, intestinal (Alpi), mRNA [NM_022665]	11,548

0	Unknown	11,547
Rab9b	Rattus norvegicus RAB9B, member RAS oncogene family (Rab9b), mRNA [NM_001109018]	11,547
0	Unknown	11,545
Phex	Rattus norvegicus phosphate regulating endopeptidase homolog, X-linked (Phex), mRNA [NM_013004]	11,544
Brcc3	Rattus norvegicus BRCA1/BRCA2-containing complex, subunit 3 (Brcc3), mRNA [NM_001127300]	11,543
Rundc1	PREDICTED: Rattus norvegicus RUN domain containing 1 (Rundc1), mRNA [XM_001081465]	11,541
Olr1347	Rattus norvegicus olfactory receptor 1347 (Olr1347), mRNA [NM_001001121]	11,540
Rpl10a	Rattus norvegicus ribosomal protein L10A (Rpl10a), mRNA [NM_031065]	11,540
Olr1439	Rattus norvegicus olfactory receptor 1439 (Olr1439), mRNA [NM_001000016]	11,539
Txndc16	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQK4] [ENSRNOT00000008372]	11,538
RGD1565752	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE25] [ENSRNOT00000058376]	11,535
0	Unknown	11,532
0	Unknown	11,530
Bnc1	Rattus norvegicus basonuclein 1 (Bnc1), mRNA [NM_001108916]	11,529
RGD1308626	Rattus norvegicus similar to 9630044O09Rik protein (RGD1308626), mRNA [NM_001014139]	11,529
Zfp365	Rattus norvegicus zinc finger protein 365 (Zfp365), mRNA [NM_001025145]	11,528
0	Rattus norvegicus similar to dJ1070B1.1 (similar to KIAA0316 and KIAA0967 proteins) (LOC315916), mRNA [XM_236515]	11,528
RGD1307365	PREDICTED: Rattus norvegicus similar to KIAA1009 protein (RGD1307365), mRNA [XM_001054857]	11,525
Cacna1b	Rattus norvegicus calcium channel, voltage-dependent, N type, alpha 1B subunit (Cacna1b), transcript variant 1, mRNA [NM_001195199]	11,523
Plod3	Rattus norvegicus procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 (Plod3), mRNA [NM_178101]	11,520
Cnih	Rattus norvegicus cornichon homolog (Drosophila) (Cnih), mRNA [NM_001106029]	11,519
Wnt9b	Rattus norvegicus wingless-type MMTV integration site family, member 9B (Wnt9b), mRNA [NM_001107055]	11,517
Myl9	Rattus norvegicus myosin, light chain 9, regulatory (Myl9), mRNA [NM_001100885]	11,517
Oaz2	Rattus norvegicus ornithine decarboxylase antizyme 2 (Oaz2), mRNA [NM_001109899]	11,517
Rpl36a	Rattus norvegicus ribosomal protein L36a (Rpl36a), mRNA [NM_001128065]	11,512
Ctrb1	Rattus norvegicus chymotrypsinogen B1 (Ctrb1), mRNA [NM_012536]	11,511
Dgcr2	Rattus norvegicus DiGeorge syndrome critical region gene 2 (Dgcr2), mRNA [NM_001012146]	11,510
Ppm1b	Rattus norvegicus protein phosphatase 1B, magnesium dependent, beta isoform (Ppm1b), mRNA [NM_033096]	11,509
Rnase111	Rattus norvegicus ribonuclease, RNase A family, 1-like 1 (pancreatic) (Rnase111), mRNA [NM_001013232]	11,508
Akap10	Rattus norvegicus A kinase (PRKA) anchor protein 10 (Akap10), nuclear gene encoding mitochondrial protein, mRNA [NM_001114606]	11,508
Rbmx2	Rattus norvegicus RNA binding motif protein, X-linked 2 (Rbmx2), mRNA [NM_001113786]	11,507
Atp11b	Atp11b protein [Source:UniProtKB/TrEMBL;Acc:Q5RJS7] [ENSRNOT00000016961]	11,506
Epha4	Rattus norvegicus Eph receptor A4 (Epha4), mRNA [NM_001162411]	11,504
0	Unknown	11,504

0	A disintegrin-like and metalloprotease (Reprolysin type) with thrombospondin type 1 motif, 6 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZF9] [ENSRNOT00000035876]	11,501
RGD1309707	Rattus norvegicus similar to RIKEN cDNA 4930431E10 (RGD1309707), mRNA [NM_001109598]	11,501
Tmem38b	Rattus norvegicus transmembrane protein 38B (Tmem38b), mRNA [NM_001014191]	11,500
Purb	Rattus norvegicus purine rich element binding protein B (Purb), mRNA [NM_001017503]	11,499
LOC100125385	Rattus norvegicus hypothetical protein LOC100125385 (LOC100125385), mRNA [NM_001103364]	11,498
0	Unknown	11,496
Mrpl35	Rattus norvegicus mitochondrial ribosomal protein L35 (Mrpl35), nuclear gene encoding mitochondrial protein, mRNA [NM_001106596]	11,494
H6pd	Rattus norvegicus hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) (H6pd), mRNA [NM_001106698]	11,493
Apc2	Rattus norvegicus adenomatosis polyposis coli 2 (Apc2), mRNA [NM_001106769]	11,492
Adra2a	Rattus norvegicus adrenergic, alpha-2A-, receptor (Adra2a), mRNA [NM_012739]	11,492
Olr1459	Rattus norvegicus olfactory receptor 1459 (Olr1459), mRNA [NM_001000770]	11,491
0	Unknown	11,489
Ascc2	Rattus norvegicus activating signal cointegrator 1 complex subunit 2 (Ascc2), mRNA [NM_001109091]	11,486
0	Rattus norvegicus similar to mKIAA1511 protein (LOC298457), mRNA [XM_233446]	11,484
Suv420h1	Rattus norvegicus suppressor of variegation 4-20 homolog 1 (Drosophila) (Suv420h1), mRNA [NM_001108512]	11,483
Rnf151	Rattus norvegicus ring finger protein 151 (Rnf151), mRNA [NM_001106987]	11,483
Acads	Rattus norvegicus acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain (Acads), nuclear gene encoding mitochondrial protein, mRNA [NM_022512]	11,482
Dom3z	Rattus norvegicus DOM-3 homolog Z (C. elegans) (Dom3z), mRNA [NM_212497]	11,481
Ndufaf4	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 (Ndufaf4), nuclear gene encoding mitochondrial protein, mRNA [NM_198783]	11,481
Dlat	Rattus norvegicus dihydrolipoamide S-acetyltransferase (Dlat), nuclear gene encoding mitochondrial protein, mRNA [NM_031025]	11,478
Doc2g	Rattus norvegicus double C2, gamma (Doc2g), mRNA [NM_001011937]	11,477
0	Unknown	11,476
Cyp4v3	Rattus norvegicus cytochrome P450, family 4, subfamily v, polypeptide 3 (Cyp4v3), mRNA [NM_001135600]	11,476
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC293386), mRNA [XM_219208]	11,475
Tlcd1	Rattus norvegicus TLC domain containing 1 (Tlcd1), mRNA [NM_001013858]	11,474
Has1	Rattus norvegicus hyaluronan synthase 1 (Has1), mRNA [NM_172323]	11,470
ST7	Rattus norvegicus suppression of tumorigenicity 7 (ST7), transcript variant 1, mRNA [NM_001004102]	11,467
Tmtc4	Rattus norvegicus transmembrane and tetratricopeptide repeat containing 4 (Tmtc4), mRNA [NM_001134414]	11,466
Tstd2	Rattus norvegicus thiosulfate sulfurtransferase (rhodanese)-like domain containing 2 (Tstd2), mRNA [NM_001108663]	11,462
Tmie	Rattus norvegicus transmembrane inner ear (Tmie), mRNA [NM_001109299]	11,462

Git2	Rattus norvegicus G protein-coupled receptor kinase interacting ArfGAP 2 (Git2), mRNA [NM_001005553]	11,462
Olr337	Rattus norvegicus olfactory receptor 337 (Olr337), mRNA [NM_001000507]	11,462
Fam55b	Rattus norvegicus family with sequence similarity 55, member B (Fam55b), mRNA [NM_001025055]	11,460
0	TOP1_RAT (Q9WUL0) DNA topoisomerase 1 (DNA topoisomerase I) , complete [TC575805]	11,459
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC315007), mRNA [XM_235346]	11,459
0	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (RGD1565238), partial mRNA [XM_001081651]	11,455
LOC687553	PREDICTED: Rattus norvegicus similar to Forkhead box protein L1 (Forkhead-related protein FKHL11) (Transcription factor FKH-6) (LOC687553), mRNA [XM_001079078]	11,453
Lrp1	Rattus norvegicus low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) (Lrp1), mRNA [NM_001130490]	11,453
Rps6ka5	Rattus norvegicus ribosomal protein S6 kinase, polypeptide 5 (Rps6ka5), mRNA [NM_001108048]	11,452
Syt6	Rattus norvegicus synaptotagmin VI (Syt6), mRNA [NM_022191]	11,451
LOC686921	PREDICTED: Rattus norvegicus hypothetical protein LOC686921 (LOC686921), mRNA [XM_001076338]	11,451
Rft1	Rattus norvegicus RFT1 homolog (S. cerevisiae) (Rft1), mRNA [NM_001135866]	11,451
Sbsn	Rattus norvegicus suprabasin (Sbsn), transcript variant 2, mRNA [NM_001044231]	11,450
Orc5l	Rattus norvegicus origin recognition complex, subunit 5-like (yeast) (Orc5l), mRNA [NM_001014186]	11,449
Hk2	Rattus norvegicus hexokinase 2 (Hk2), mRNA [NM_012735]	11,449
Tcf20	Rattus norvegicus transcription factor 20 (Tcf20), mRNA [NM_001130574]	11,447
Tmem169	Rattus norvegicus transmembrane protein 169 (Tmem169), mRNA [NM_001109574]	11,445
Bnip3l	Rattus norvegicus BCL2/adenovirus E1B interacting protein 3-like (Bnip3l), mRNA [NM_080888]	11,444
Cdgap	Rattus norvegicus Cdc42 GTPase-activating protein (Cdgap), mRNA [NM_001105879]	11,444
0	PREDICTED: Rattus norvegicus polymerase (DNA directed) nu (Poln), miscRNA [XR_085614]	11,443
Igfbp1	Rattus norvegicus insulin-like growth factor binding protein 1 (Igfbp1), mRNA [NM_013144]	11,441
0	Unknown	11,440
Zfp410	Rattus norvegicus zinc finger protein 410 (Zfp410), mRNA [NM_001108042]	11,440
Prkrip1	Rattus norvegicus Prkr interacting protein 1 (IL11 inducible) (Prkrip1), mRNA [NM_001098793]	11,437
0	Unknown	11,435
0	Unknown	11,434
Tle4	Rattus norvegicus transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila) (Tle4), mRNA [NM_019141]	11,434
Olr1519	Rattus norvegicus olfactory receptor 1519 (Olr1519), mRNA [NM_001000037]	11,433
0	Rattus norvegicus unknown protein mRNA, partial cds. [U89745]	11,433
Ptms	Rattus norvegicus parathyrosin (Ptms), mRNA [NM_031975]	11,433
Yap1	Rattus norvegicus yes-associated protein 1 (Yap1), mRNA [NM_001034002]	11,432
0	Unknown	11,432

0	Unknown	11,431
Rragc	Rattus norvegicus Ras-related GTP binding C (Rragc), mRNA [NM_001048184]	11,430
0	Unknown	11,428
LOC689442	PREDICTED: Rattus norvegicus hypothetical protein LOC689442 (LOC689442), mRNA [XM_001070806]	11,427
Gfap	Rattus norvegicus glial fibrillary acidic protein (Gfap), mRNA [NM_017009]	11,421
LOC681994	PREDICTED: Rattus norvegicus similar to developmental endothelial locus-1 isoform b, transcript variant 3 (LOC681994), mRNA [XM_001057753]	11,420
0	Unknown	11,419
Arhgef3	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 3 (Arhgef3), mRNA [NM_001106061]	11,418
Leng8	Rattus norvegicus leukocyte receptor cluster (LRC) member 8 (Leng8), mRNA [NM_001037790]	11,415
Rftn1	Rattus norvegicus raftlin lipid raft linker 1 (Rftn1), mRNA [NM_001135011]	11,415
RGD1305704	PREDICTED: Rattus norvegicus similar to c-Mpl binding protein (RGD1305704), miscRNA [XR_006033]	11,415
LOC500077	Rattus norvegicus similar to RIKEN cDNA 3110062M04 (LOC500077), mRNA [NM_001024325]	11,414
Pfkfb3	Rattus norvegicus 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (Pfkfb3), mRNA [NM_057135]	11,411
Gabra5	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, alpha 5 (Gabra5), mRNA [NM_017295]	11,411
Apc2	Rattus norvegicus adenomatosis polyposis coli 2 (Apc2), mRNA [NM_001106769]	11,407
LOC690402	Rattus norvegicus similar to Short palate, lung and nasal epithelium carcinoma-associated protein 3 homolog precursor (LOC690402), mRNA [NM_001109588]	11,407
Sdhc	Rattus norvegicus succinate dehydrogenase complex, subunit C, integral membrane protein (Sdhc), nuclear gene encoding mitochondrial protein, mRNA [NM_001005534]	11,403
St3gal5	Rattus norvegicus ST3 beta-galactoside alpha-2,3-sialyltransferase 5 (St3gal5), mRNA [NM_031337]	11,401
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC311121), mRNA [XM_230014]	11,400
0	Rattus norvegicus TL0ADA6YC10 mRNA sequence. [FQ228611]	11,399
Prkci	Rattus norvegicus protein kinase C, iota (Prkci), mRNA [NM_032059]	11,399
Trerf1	Rattus norvegicus transcriptional regulating factor 1 (Trerf1), mRNA [NM_001108199]	11,398
Tmem51	Rattus norvegicus transmembrane protein 51 (Tmem51), mRNA [NM_001109273]	11,398
Cytsa	Rattus norvegicus cytospin A (Cytsa), mRNA [NM_001039455]	11,396
Epha3	Rattus norvegicus Eph receptor A3 (Epha3), mRNA [NM_031564]	11,395
Ppp1r1b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 1B (Ppp1r1b), mRNA [NM_138521]	11,395
Olr1248	Rattus norvegicus olfactory receptor 1248 (Olr1248), mRNA [NM_001000452]	11,395
LOC690096	PREDICTED: Rattus norvegicus similar to ribosomal protein L28 (LOC690096), mRNA [XM_001073240]	11,395
RGD1307830	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZN01] [ENSRNOT00000059984]	11,393
Gpr176	Probable G-protein coupled receptor 176 [Source:UniProtKB/Swiss-Prot;Acc:Q64017] [ENSRNOT00000007882]	11,392
Syt13	Rattus norvegicus synaptotagmin XIII (Syt13), mRNA [NM_030839]	11,391
Mrps36	Rattus norvegicus mitochondrial ribosomal protein S36 (Mrps36), nuclear gene encoding mitochondrial protein, mRNA [NM_001191605]	11,389

Phkb	Rattus norvegicus phosphorylase kinase, beta (Phkb), mRNA [NM_001014152]	11,389
Pcdhb18	PREDICTED: Rattus norvegicus protocadherin beta 18 (Pcdhb18), mRNA [XM_001055991]	11,389
Tcte4	Rattus norvegicus t-complex-associated testis expressed 4 (Tcte4), mRNA [NM_001166303]	11,388
Olr132	Rattus norvegicus olfactory receptor 132 (Olr132), mRNA [NM_001001273]	11,388
0	DNA-binding protein A [Source:UniProtKB/Swiss-Prot;Acc:Q62764] [ENSRNOT00000007347]	11,385
RGD1559979	PREDICTED: Rattus norvegicus similar to APH1B homolog (C.elegans) (RGD1559979), mRNA [XM_001081687]	11,384
Ghdc	Rattus norvegicus GH3 domain containing (Ghdc), mRNA [NM_001191651]	11,384
0	Unknown	11,382
Nhlrc3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2F6] [ENSRNOT00000014562]	11,382
Tmed7	Rattus norvegicus transmembrane emp24 protein transport domain containing 7 (Tmed7), mRNA [NM_001105758]	11,381
Akr1a1	Rattus norvegicus aldo-keto reductase family 1, member A1 (aldehyde reductase) (Akr1a1), mRNA [NM_031000]	11,381
Nos3	Rattus norvegicus nitric oxide synthase 3, endothelial cell (Nos3), mRNA [NM_021838]	11,378
Blzf1	Rattus norvegicus basic leucine zipper nuclear factor 1 (Blzf1), mRNA [NM_001017494]	11,378
Bbs1	Rattus norvegicus Bardet-Biedl syndrome 1 (Bbs1), mRNA [NM_001107569]	11,376
0	Unknown	11,375
Slc19a2	Rattus norvegicus solute carrier family 19 (thiamine transporter), member 2 (Slc19a2), mRNA [NM_001030024]	11,374
Zdhhc24	Rattus norvegicus zinc finger, DHHC-type containing 24 (Zdhhc24), mRNA [NM_001039100]	11,374
Gk5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZN47] [ENSRNOT00000067835]	11,374
RGD1564419	Rattus norvegicus similar to hypothetical gene supported by BC025338 (RGD1564419), mRNA [NM_001109234]	11,373
Pdgfb	Rattus norvegicus platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog) (Pdgfb), mRNA [NM_031524]	11,373
Rbp1	Rattus norvegicus retinol binding protein 1, cellular (Rbp1), mRNA [NM_012733]	11,367
0	BC052076 expressed sequence AW050020 {Mus musculus} (exp=-1; wgp=0; cg=0), partial (32%) [TC589792]	11,366
Osbp1a	Rattus norvegicus oxysterol binding protein-like 1A (Osbp1a), mRNA [NM_172023]	11,365
Zg16	Rattus norvegicus zymogen granule protein 16 (Zg16), mRNA [NM_134409]	11,365
Rps19bp1	Rattus norvegicus ribosomal protein S19 binding protein 1 (Rps19bp1), mRNA [NM_001130578]	11,365
Osbp16	Rattus norvegicus oxysterol binding protein-like 6 (Osbp16), mRNA [NM_001107735]	11,364
Eif4h	Rattus norvegicus eukaryotic translation initiation factor 4H (Eif4h), mRNA [NM_001006957]	11,364
Ptbp2	Rattus norvegicus polypyrimidine tract binding protein 2 (Ptbp2), mRNA [NM_001005555]	11,361
Atp4b	Rattus norvegicus ATPase, H ⁺ /K ⁺ exchanging, beta polypeptide (Atp4b), mRNA [NM_012510]	11,361
Olr1401	Rattus norvegicus olfactory receptor 1401 (Olr1401), mRNA [NM_001000003]	11,359
Rexo4	Rattus norvegicus REX4, RNA exonuclease 4 homolog (S. cerevisiae) (Rexo4), mRNA [NM_001033884]	11,357
Slc25a28	Rattus norvegicus solute carrier family 25, member 28 (Slc25a28), mRNA [NM_001109515]	11,352
RGD621352	Rattus norvegicus similar to RIKEN cDNA 1500031L02 (RGD621352), mRNA [NM_138865]	11,351
Eml1	Rattus norvegicus echinoderm microtubule associated protein like 1 (Eml1), mRNA [NM_001025741]	11,349

0	Unknown	11,347
Adam22	PREDICTED: Rattus norvegicus a disintegrin and metalloprotease domain (ADAM) 22 (Adam22), mRNA [XM_002726324]	11,346
Nop56	Rattus norvegicus NOP56 ribonucleoprotein homolog (yeast) (Nop56), mRNA [NM_001025732]	11,346
Ager	Rattus norvegicus advanced glycosylation end product-specific receptor (Ager), mRNA [NM_053336]	11,346
RGD1309730	Rattus norvegicus similar to RIKEN cDNA B230118H07 (RGD1309730), mRNA [NM_001106491]	11,345
Olr425	Rattus norvegicus olfactory receptor 425 (Olr425), mRNA [NM_001000393]	11,342
Olr1280	Rattus norvegicus olfactory receptor 1280 (Olr1280), mRNA [NM_001000517]	11,342
Cspg5	Rattus norvegicus chondroitin sulfate proteoglycan 5 (Cspg5), transcript variant 1, mRNA [NM_019284]	11,340
Prnp	Rattus norvegicus prion protein (Prnp), mRNA [NM_012631]	11,337
Neo1	PREDICTED: Rattus norvegicus neogenin homolog 1 (chicken) (Neo1), mRNA [XM_001074913]	11,336
Vash1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE85] [ENSRNOT00000014017]	11,331
Scgb1c1	Rattus norvegicus secretoglobin, family 1C, member 1 (Scgb1c1), mRNA [NM_001107561]	11,325
Dsel	RCG24512Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYE3] [ENSRNOT00000043890]	11,325
0	Unknown	11,323
Sptbn1	Rattus norvegicus spectrin, beta, non-erythrocytic 1 (Sptbn1), mRNA [NM_001013130]	11,322
0	Rattus norvegicus similar to KIAA0856 protein (LOC315676), mRNA [XM_236249]	11,322
Hbg1	Rattus norvegicus hemoglobin, gamma A (Hbg1), mRNA [NM_172093]	11,322
Gna11	Rattus norvegicus guanine nucleotide binding protein, alpha 11 (Gna11), mRNA [NM_031033]	11,321
0	Q3UKK2_MOUSE (Q3UKK2) 15 days pregnant adult female placenta cDNA, RIKEN full-length enriched library, clone:I530020K06 product:pregnancy-specific glycoprotein 30, full insert sequence, partial (9%) [TC612990]	11,321
0	Tudor domain-containing protein PHF20L1 [Source:UniProtKB/Swiss-Prot;Acc:Q4V9H5] [ENSRNOT00000007564]	11,320
Xpc	Rattus norvegicus xeroderma pigmentosum, complementation group C (Xpc), mRNA [NM_001107874]	11,320
She	PREDICTED: Rattus norvegicus Src homology 2 domain containing E (She), mRNA [XM_001062249]	11,320
Scyl3	Rattus norvegicus SCY1-like 3 (S. cerevisiae) (Scyl3), mRNA [NM_001191828]	11,320
Dnajb4	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 4 (Dnajb4), mRNA [NM_001013076]	11,319
Rps26	Rattus norvegicus ribosomal protein S26 (Rps26), mRNA [NM_013224]	11,317
0	Unknown	11,317
Pnrc2	Rattus norvegicus proline-rich nuclear receptor coactivator 2 (Pnrc2), mRNA [NM_001103360]	11,317
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC301496), mRNA [XM_237274]	11,315
Rpl15	Rattus norvegicus ribosomal protein L15 (Rpl15), mRNA [NM_139114]	11,315
Diaph2	PREDICTED: Rattus norvegicus diaphanous homolog 2 (Drosophila) (Diaph2), mRNA [XM_001066898]	11,312
Heatr6	Rattus norvegicus HEAT repeat containing 6 (Heatr6), mRNA [NM_001079897]	11,312
0	Unknown	11,311

Kcnh8	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 8 (Kcnh8), mRNA [NM_145095]	11,310
0	Unknown	11,309
0	AI407942 EST236232 Normalized rat ovary, Bento Soares Rattus sp. cDNA clone ROVEE68 3' end, mRNA sequence [AI407942]	11,308
0	Unknown	11,308
LOC690415	Rattus norvegicus hypothetical protein LOC690415 (LOC690415), mRNA [NM_001109590]	11,308
RGD1559731	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCG1] [ENSRNOT00000005659]	11,308
Wdr13	Rattus norvegicus WD repeat domain 13 (Wdr13), mRNA [NM_001108247]	11,308
Bet1l	Rattus norvegicus blocked early in transport 1 homolog (S. cerevisiae) like (Bet1l), mRNA [NM_019368]	11,307
Cyth2	Rattus norvegicus cytohesin 2 (Cyth2), mRNA [NM_053911]	11,305
RGD1310899	Rattus norvegicus similar to CGI-35 protein (RGD1310899), mRNA [NM_001044235]	11,305
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZL75] [ENSRNOT00000022583]	11,304
0	Unknown	11,303
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD60] [ENSRNOT00000038336]	11,303
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXZ9] [ENSRNOT00000020215]	11,302
0	Unknown	11,302
Klhl14	Rattus norvegicus kelch-like 14 (Drosophila) (Klhl14), mRNA [NM_001108885]	11,302
Pmm2	Rattus norvegicus phosphomannomutase 2 (Pmm2), mRNA [NM_001106973]	11,301
Tmem115	Rattus norvegicus transmembrane protein 115 (Tmem115), mRNA [NM_001108779]	11,301
Tnfsf8	PREDICTED: Rattus norvegicus tumor necrosis factor (ligand) superfamily, member 8 (Tnfsf8), mRNA [XM_001064723]	11,301
Btbd6	Rattus norvegicus BTB (POZ) domain containing 6 (Btbd6), mRNA [NM_001077683]	11,301
Me1	Rattus norvegicus malic enzyme 1, NADP(+)-dependent, cytosolic (Me1), mRNA [NM_012600]	11,301
Alkbh4	Rattus norvegicus alkB, alkylation repair homolog 4 (E. coli) (Alkbh4), mRNA [NM_001105920]	11,301
Rasal2	Rattus norvegicus RAS protein activator like 2 (Rasal2), mRNA [NM_001107188]	11,298
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACN9] [ENSRNOT00000037120]	11,298
Ttyh2	PREDICTED: Rattus norvegicus tweety homolog 2 (Drosophila) (Ttyh2), mRNA [XM_001081641]	11,297
Mttr2	Rattus norvegicus myotubularin related protein 2 (Mttr2), mRNA [NM_001108123]	11,297
RGD1309808	Rattus norvegicus similar to apolipoprotein L2; apolipoprotein L-II (RGD1309808), mRNA [NM_001134801]	11,296
Crkrs	Rattus norvegicus Cdc2-related kinase, arginine/serine-rich (Crkrs), transcript variant 2, mRNA [NM_138916]	11,295
Fgfr2	Rattus norvegicus fibroblast growth factor receptor 2 (Fgfr2), transcript variant a, mRNA [NM_012712]	11,294
Kdsr	Rattus norvegicus 3-ketodihydrosphingosine reductase (Kdsr), mRNA [NM_001108342]	11,294
Eif5a2	Rattus norvegicus eukaryotic translation initiation factor 5A2 (Eif5a2), mRNA [NM_001100697]	11,294
Egr3	Rattus norvegicus early growth response 3 (Egr3), mRNA [NM_017086]	11,292
Bles03	Rattus norvegicus basophilic leukemia expressed protein BLES03 (Bles03), transcript variant 1, mRNA [NM_001024233]	11,292
Marveld1	Rattus norvegicus MARVEL domain containing 1 (Marveld1), mRNA [NM_001107590]	11,291

Rcor2	Rattus norvegicus REST corepressor 2 (Rcor2), mRNA [NM_001013994]	11,290
Mtmr12	Rattus norvegicus myotubularin related protein 12 (Mtmr12), mRNA [NM_001012077]	11,287
RGD1309492	Rattus norvegicus similar to mKIAA1737 protein (RGD1309492), mRNA [NM_001108044]	11,287
St13	Rattus norvegicus suppression of tumorigenicity 13 (St13), mRNA [NM_031122]	11,287
Matn2	PREDICTED: Rattus norvegicus matrilin 2 (Matn2), mRNA [XM_216941]	11,285
LOC100360737	PREDICTED: Rattus norvegicus rCG54380-like (LOC100360737), mRNA [XM_002725537]	11,282
0	Unknown	11,282
0	Unknown	11,282
0	Unknown	11,282
Stat1	Rattus norvegicus signal transducer and activator of transcription 1 (Stat1), transcript variant alpha, mRNA [NM_032612]	11,281
Vamp7	Rattus norvegicus vesicle-associated membrane protein 7 (Vamp7), mRNA [NM_053531]	11,278
Gtf3c4	Rattus norvegicus general transcription factor IIIc, polypeptide 4 (Gtf3c4), mRNA [NM_001109473]	11,277
Bgn	Rattus norvegicus biglycan (Bgn), mRNA [NM_017087]	11,277
Ndufv3	Rattus norvegicus NADH dehydrogenase (ubiquinone) flavoprotein 3 (Ndufv3), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_022607]	11,274
Strc	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUE8] [ENSRNOT00000020130]	11,274
Tcfap2d	Rattus norvegicus transcription factor AP-2, delta (Tcfap2d), mRNA [NM_001106895]	11,272
RGD1309139	Rattus norvegicus similar to CG5435-PA (RGD1309139), mRNA [NM_001134578]	11,269
Coq4	Rattus norvegicus coenzyme Q4 homolog (S. cerevisiae) (Coq4), nuclear gene encoding mitochondrial protein, mRNA [NM_001031662]	11,265
RGD1311892	Rattus norvegicus similar to hypothetical protein FLJ10901 (RGD1311892), mRNA [NM_001134502]	11,264
Dnhd1	PREDICTED: Rattus norvegicus dynein heavy chain domain 1 (Dnhd1), miscRNA [XR_085725]	11,259
0	Unknown	11,259
Gbp5	Rattus norvegicus guanylate binding protein 5 (Gbp5), mRNA [NM_001108569]	11,257
Set	Rattus norvegicus SET nuclear oncogene (Set), mRNA [NM_001012504]	11,256
RGD1306000	Rattus norvegicus similar to CG8043-PA (RGD1306000), mRNA [NM_001108827]	11,255
0	Unknown	11,251
LOC688459	Rattus norvegicus hypothetical protein LOC688459 (LOC688459), mRNA [NM_001109502]	11,250
0	Unknown	11,249
Itpr2	Rattus norvegicus inositol 1,4,5-triphosphate receptor, type 2 (Itpr2), mRNA [NM_031046]	11,248
Ppapdc3	Rattus norvegicus phosphatidic acid phosphatase type 2 domain containing 3 (Ppapdc3), mRNA [NM_001012349]	11,247
0	Unknown	11,247
Khyn	PREDICTED: Rattus norvegicus similar to mKIAA0323 protein (RGD1565688), miscRNA [XR_085623]	11,246
Olr1309	Rattus norvegicus olfactory receptor 1309 (Olr1309), mRNA [NM_001000466]	11,245
Lrrc4	Rattus norvegicus leucine rich repeat containing 4 (Lrrc4), mRNA [NM_001037336]	11,244

Etv6	Rattus norvegicus ets variant 6 (Etv6), mRNA [NM_001037353]	11,244
0	Q6C5E2_YARLI (Q6C5E2) Similarity (Fragment), partial (11%) [TC594916]	11,241
Snrk	Rattus norvegicus SNF related kinase (Snrk), mRNA [NM_138833]	11,240
Tpra1	Transmembrane protein adipocyte-associated 1 [Source:UniProtKB/Swiss-Prot;Acc:Q791F6] [ENSRNOT00000022534]	11,240
Gzf1	Rattus norvegicus GDNF-inducible zinc finger protein 1 (Gzf1), mRNA [NM_001107788]	11,238
0	Unknown	11,237
Phldb2	PREDICTED: Rattus norvegicus pleckstrin homology-like domain, family B, member 2 (Phldb2), mRNA [XM_001064525]	11,237
Uba6	Rattus norvegicus ubiquitin-like modifier activating enzyme 6 (Uba6), mRNA [NM_001107213]	11,236
0	Unknown	11,236
Prr19	Rattus norvegicus proline rich 19 (Prr19), mRNA [NM_001173428]	11,236
Flot1	Rattus norvegicus flotillin 1 (Flot1), mRNA [NM_022701]	11,233
Ppp1cb	Rattus norvegicus protein phosphatase 1, catalytic subunit, beta isoform (Ppp1cb), mRNA [NM_013065]	11,233
Gstk1	Rattus norvegicus glutathione S-transferase kappa 1 (Gstk1), nuclear gene encoding mitochondrial protein, mRNA [NM_181371]	11,231
Senp1	PREDICTED: Rattus norvegicus Sumo1/sentrin/SMT3 specific peptidase 1 (Senp1), mRNA [XM_001060796]	11,230
RGD1307537	Rattus norvegicus similar to RIKEN cDNA 4933417A18 (RGD1307537), mRNA [NM_001013885]	11,230
Sema3g	Rattus norvegicus sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G (Sema3g), mRNA [NM_001100882]	11,228
0	Q2H348_CHAGB (Q2H348) Predicted protein, partial (5%) [TC596046]	11,227
Cdk5rap2	Rattus norvegicus CDK5 regulatory subunit associated protein 2 (Cdk5rap2), mRNA [NM_173134]	11,227
Ociad1	Rattus norvegicus OCIA domain containing 1 (Ociad1), mRNA [NM_001013874]	11,226
Ankrd13a	Rattus norvegicus ankyrin repeat domain 13a (Ankrd13a), mRNA [NM_001012148]	11,223
0	Unknown	11,222
LOC688173	PREDICTED: Rattus norvegicus similar to Telethonin (Titin cap protein) (LOC688173), mRNA [XM_001081394]	11,222
0	Unknown	11,221
LOC298138	PREDICTED: Rattus norvegicus similar to RAS and EF hand domain containing (LOC298138), miscRNA [XR_006670]	11,219
Baz2b	Rattus norvegicus bromodomain adjacent to zinc finger domain, 2B (Baz2b), mRNA [NM_001108260]	11,217
Fnbp1l	Rattus norvegicus formin binding protein 1-like (Fnbp1l), mRNA [NM_001039609]	11,211
Irx1	Rattus norvegicus iroquois homeobox 1 (Irx1), mRNA [NM_001107331]	11,209
Tmem39b	Rattus norvegicus transmembrane protein 39b (Tmem39b), mRNA [NM_001014192]	11,206
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQI7] [ENSRNOT00000043346]	11,206
Eef1e1	Rattus norvegicus eukaryotic translation elongation factor 1 epsilon 1 (Eef1e1), mRNA [NM_001106106]	11,200
LOC686428	PREDICTED: Rattus norvegicus similar to Emu2 (LOC686428), mRNA [XM_001069996]	11,199
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A119] [ENSRNOT00000066634]	11,199
Josd1	Rattus norvegicus Josephin domain containing 1 (Josd1), mRNA [NM_001025009]	11,195
Tial1	Rattus norvegicus Tia1 cytotoxic granule-associated RNA binding protein-like 1 (Tial1), mRNA [NM_001013193]	11,194

Poldip3	Rattus norvegicus polymerase (DNA-directed), delta interacting protein 3 (Poldip3), mRNA [NM_001130506]	11,194
Prg2	Rattus norvegicus proteoglycan 2, bone marrow (Prg2), mRNA [NM_031619]	11,192
Slc24a2	Rattus norvegicus solute carrier family 24 (sodium/potassium/calcium exchanger), member 2 (Slc24a2), mRNA [NM_031743]	11,192
Wdr19	Rattus norvegicus WD repeat domain 19 (Wdr19), mRNA [NM_001191679]	11,188
Cdh10	Rattus norvegicus cadherin 10 (Cdh10), mRNA [NM_001168631]	11,188
Coq9	Rattus norvegicus coenzyme Q9 homolog (S. cerevisiae) (Coq9), nuclear gene encoding mitochondrial protein, mRNA [NM_001035257]	11,188
Slc9a5	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 5 (Slc9a5), mRNA [NM_138858]	11,187
LOC689207	PREDICTED: Rattus norvegicus similar to proteoglycan 4 (LOC689207), mRNA [XM_001069975]	11,187
Ip6k1	Rattus norvegicus inositol hexakisphosphate kinase 1 (Ip6k1), mRNA [NM_053316]	11,185
Rgs17	Rattus norvegicus regulator of G-protein signaling 17 (Rgs17), mRNA [NM_001107459]	11,184
Zfp395	Rattus norvegicus zinc finger protein 395 (Zfp395), mRNA [NM_001107271]	11,184
LOC501375	PREDICTED: Rattus norvegicus similar to glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (LOC501375), mRNA [XM_576788]	11,183
Usp10	Rattus norvegicus ubiquitin specific peptidase 10 (Usp10), mRNA [NM_001034146]	11,183
LOC100364957	PREDICTED: Rattus norvegicus RGD1560755 protein-like (LOC100364957), mRNA [XM_002725203]	11,183
0	Unknown	11,181
0	Rattus norvegicus TL0AEA54YG18 mRNA sequence. [FQ225308]	11,181
0	Putative uncharacterized proteinUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5B2] [ENSRNOT00000004034]	11,181
0	Unknown	11,176
0	Unknown	11,171
0	Unknown	11,167
Tmem33	Rattus norvegicus transmembrane protein 33 (Tmem33), transcript variant 1, mRNA [NM_021671]	11,167
0	Clasp1 protein [Source:UniProtKB/TrEMBL;Acc:Q5M928] [ENSRNOT000000061516]	11,167
Ak7	Rattus norvegicus adenylate kinase 7 (Ak7), mRNA [NM_001108055]	11,167
Ttc19	Rattus norvegicus tetratricopeptide repeat domain 19 (Ttc19), mRNA [NM_001109644]	11,163
Ccdc142	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV00] [ENSRNOT000000035329]	11,162
Mgat4b	Rattus norvegicus mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme B (Mgat4b), mRNA [NM_001127533]	11,160
Ube2i	Rattus norvegicus ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast) (Ube2i), mRNA [NM_013050]	11,158
Prmt6	Rattus norvegicus protein arginine methyltransferase 6 (Prmt6), mRNA [NM_001106466]	11,157
LOC678704	Rattus norvegicus similar to Probable cation-transporting ATPase 3 (ATPase family homolog up-regulated in senescence cells 1) (LOC360728), mRNA [XM_341001]	11,157
Pax8	Rattus norvegicus paired box 8 (Pax8), mRNA [NM_031141]	11,157
Nid67	Rattus norvegicus putative small membrane protein NID67 (Nid67), mRNA [NM_173126]	11,156
Abhd13	Rattus norvegicus abhydrolase domain containing 13 (Abhd13), mRNA [NM_001107327]	11,155
Dok3	Rattus norvegicus docking protein 3 (Dok3), mRNA [NM_001107336]	11,154

Pak2	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 2 (Pak2), mRNA [NM_053306]	11,152
Pcdha3	Rattus norvegicus protocadherin alpha 3 (Pcdha3), mRNA [NM_053941]	11,152
St5	Rattus norvegicus suppression of tumorigenicity 5 (St5), mRNA [NM_001107547]	11,152
Olr1144	Rattus norvegicus olfactory receptor 1144 (Olr1144), mRNA [NM_001000876]	11,152
0	Unknown	11,151
Mmp1a	Rattus norvegicus matrix metalloproteinase 1a (interstitial collagenase) (Mmp1a), mRNA [NM_001134530]	11,149
0	Unknown	11,146
Dffb	Rattus norvegicus DNA fragmentation factor, beta polypeptide (caspase-activated DNase) (Dffb), mRNA [NM_053362]	11,146
0	Unknown	11,144
Ppargc1a	Rattus norvegicus peroxisome proliferator-activated receptor gamma, coactivator 1 alpha (Ppargc1a), mRNA [NM_031347]	11,144
Zbtb8os	PREDICTED: Rattus norvegicus zinc finger and BTB domain containing 8 opposite strand (Zbtb8os), miscRNA [XR_086264]	11,144
Nat13	Rattus norvegicus N-acetyltransferase 13 (Nat13), mRNA [NM_001105881]	11,143
0	Unknown	11,142
Ppp6c	Rattus norvegicus protein phosphatase 6, catalytic subunit (Ppp6c), mRNA [NM_133589]	11,141
RGD1563302	Rattus norvegicus RGD1563302 (RGD1563302), mRNA [NM_001162899]	11,137
Alg8	Rattus norvegicus asparagine-linked glycosylation 8, alpha-1,3-glucosyltransferase homolog (S. cerevisiae) (Alg8), mRNA [NM_001034127]	11,136
0	Unknown	11,134
Insc	Rattus norvegicus inscuteable homolog (Drosophila) (Insc), mRNA [NM_001106285]	11,133
Mllt10	Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10 (Mllt10), mRNA [NM_001012162]	11,133
Rsb1	Rattus norvegicus round spermatid basic protein 1 (Rsb1), mRNA [NM_001191710]	11,132
Olr789	Rattus norvegicus olfactory receptor 789 (Olr789), mRNA [NM_001000377]	11,130
Chn1	Rattus norvegicus chimerin (chimaerin) 1 (Chn1), mRNA [NM_032083]	11,129
Rnase13	Rattus norvegicus ribonuclease, RNase A family, 13 (non-active) (Rnase13), mRNA [NM_001012231]	11,127
Fancl	Rattus norvegicus Fanconi anemia, complementation group L (Fancl), mRNA [NM_001191684]	11,124
Hps1	Rattus norvegicus Hermansky-Pudlak syndrome 1 homolog (human) (Hps1), mRNA [NM_040669]	11,122
Zfp26	Rattus norvegicus zinc finger protein 26 (Zfp26), mRNA [NM_001108995]	11,122
Dll3	Rattus norvegicus delta-like 3 (Drosophila) (Dll3), mRNA [NM_053666]	11,121
37500	Rattus norvegicus septin 2 (Sept2), mRNA [NM_057148]	11,121
Mllt4	Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4 (Mllt4), mRNA [NM_013217]	11,120
Gtf2h3	Rattus norvegicus general transcription factor IIH, polypeptide 3 (Gtf2h3), mRNA [NM_001024236]	11,119
0	Transcription factor E2F5 [Source:UniProtKB/Swiss-Prot;Acc:Q62814] [ENSRNOT00000014361]	11,117
0	Exportin 7, isoform CRA_a Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBB4] [ENSRNOT00000018440]	11,114
Araf	Rattus norvegicus v-raf murine sarcoma 3611 viral oncogene homolog (Araf), transcript variant 1, mRNA [NM_022532]	11,114

Calm3	Rattus norvegicus calmodulin 3 (Calm3), mRNA [NM_012518]	11,113
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBI5] [ENSRNOT00000042103]	11,113
0	Unknown	11,111
Olr92	Rattus norvegicus olfactory receptor 92 (Olr92), mRNA [NM_001000140]	11,111
Kcnk16	Rattus norvegicus potassium channel, subfamily K, member 16 (Kcnk16), mRNA [NM_001109520]	11,111
Cenpv	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9A3] [ENSRNOT00000004127]	11,109
Epha4	Rattus norvegicus Eph receptor A4 (Epha4), mRNA [NM_001162411]	11,108
St8sia1	Rattus norvegicus ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 (St8sia1), mRNA [NM_012813]	11,107
LOC100365635	PREDICTED: Rattus norvegicus ankyrin repeat domain 49-like (LOC100365635), miscRNA [XR_085597]	11,105
0	Putative uncharacterized protein vp130S [Source:UniProtKB/TrEMBL;Acc:Q810D7] [ENSRNOT00000037528]	11,104
Rnf183	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A718] [ENSRNOT00000019924]	11,103
Arhgap20	Rattus norvegicus Rho GTPase activating protein 20 (Arhgap20), mRNA [NM_213629]	11,101
LOC303448	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC303448), mRNA [NM_001037190]	11,099
Tmem37	Rattus norvegicus transmembrane protein 37 (Tmem37), mRNA [NM_139095]	11,098
0	Unknown	11,097
Smad1	Rattus norvegicus SMAD family member 1 (Smad1), mRNA [NM_013130]	11,096
Cd44	Rattus norvegicus Cd44 molecule (Cd44), mRNA [NM_012924]	11,094
0	Histone H2B-3 [Source:UniProtKB/TrEMBL;Acc:Q9Z2Q9] [ENSRNOT00000042005]	11,094
LOC100361049	LRRGT00168 [Source:UniProtKB/TrEMBL;Acc:Q6QI40] [ENSRNOT00000044735]	11,092
Med29	Rattus norvegicus mediator complex subunit 29 (Med29), mRNA [NM_001106237]	11,092
Sumo1	Rattus norvegicus SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae) (Sumo1), mRNA [NM_001009672]	11,091
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEL6] [ENSRNOT00000045639]	11,090
Tollip	Rattus norvegicus toll interacting protein (Tollip), mRNA [NM_001109668]	11,090
RGD1307615	Rattus norvegicus similar to hypothetical protein FLJ13045 (RGD1307615), mRNA [NM_001108573]	11,089
E2f7	Rattus norvegicus E2F transcription factor 7 (E2f7), mRNA [NM_001108092]	11,089
0	Unknown	11,089
0	Unknown	11,087
0	Unknown	11,086
Pitx1	Rattus norvegicus paired-like homeodomain 1 (Pitx1), mRNA [NM_053624]	11,086
Pcdh7	Rattus norvegicus protocadherin 7 (Pcdh7), mRNA [NM_001004087]	11,084
Kcnd2	Rattus norvegicus potassium voltage-gated channel, Shal-related subfamily, member 2 (Kcnd2), mRNA [NM_031730]	11,084
Mansc1	Rattus norvegicus MANSC domain containing 1 (Mansc1), mRNA [NM_001109603]	11,083
Nat15	Rattus norvegicus N-acetyltransferase 15 (GCN5-related, putative) (Nat15), mRNA [NM_001014226]	11,083
Stx12	Rattus norvegicus syntaxin 12 (Stx12), mRNA [NM_022939]	11,081

Acsf2	Rattus norvegicus acyl-CoA synthetase family member 2 (Acsf2), mRNA [NM_001034951]	11,079
0	similar to RIKEN cDNA 1700081O22 (LOC363337), mRNA [Source:RefSeq DNA;Acc:NM_001014221] [ENSRNOT00000041051]	11,079
RGD1308759	Rattus norvegicus similar to KIAA0892 protein (RGD1308759), mRNA [NM_001106077]	11,078
Chodl	Rattus norvegicus chondrolectin (Chodl), mRNA [NM_001105894]	11,077
0	Unknown	11,074
Rfc1	Rattus norvegicus replication factor C (activator 1) 1 (Rfc1), mRNA [NM_053547]	11,071
Ccnyl1	PREDICTED: Rattus norvegicus cyclin Y-like 1 (Ccnyl1), mRNA [XM_237211]	11,068
Doxl1	Rattus norvegicus diamine oxidase-like protein 1 (Doxl1), mRNA [NM_199233]	11,065
Bmp3	Rattus norvegicus bone morphogenetic protein 3 (Bmp3), mRNA [NM_017105]	11,064
0	Unknown	11,062
Toag1	Rattus norvegicus tolerance-associated gene 1 (Toag1), mRNA [NM_001110838]	11,062
LOC100361389	PREDICTED: Rattus norvegicus hypothetical protein LOC100361389 (LOC100361389), mRNA [XM_002727821]	11,058
0	MMU18644 methyltransferase-like protein 1 {Mus musculus} (exp=-1; wgp=0; cg=0), partial (30%) [TC638589]	11,058
Mrpl10	Rattus norvegicus mitochondrial ribosomal protein L10 (Mrpl10), nuclear gene encoding mitochondrial protein, mRNA [NM_001109620]	11,055
0	Unknown	11,055
Ppfia2	Rattus norvegicus protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2 (Ppfia2), mRNA [NM_001108745]	11,055
LOC688090	Rattus norvegicus similar to RT1 class II histocompatibility antigen, B-1 beta chain precursor (RT1.B-beta(1)) (LOC688090), mRNA [NM_001101017]	11,049
Gucy1a2	Rattus norvegicus guanylate cyclase 1, soluble, alpha 2 (Gucy1a2), mRNA [NM_023956]	11,049
Vegfa	Rattus norvegicus vascular endothelial growth factor A (Vegfa), transcript variant 3, mRNA [NM_001110334]	11,048
0	Unknown	11,047
0	Unknown	11,047
Olr325	Rattus norvegicus olfactory receptor 325 (Olr325), mRNA [NM_001000247]	11,045
0	Unknown	11,044
Slc7a12	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 12 (Slc7a12), mRNA [NM_001011948]	11,040
Tmem49	Rattus norvegicus transmembrane protein 49 (Tmem49), mRNA [NM_138839]	11,039
0	CCD13_HUMAN (Q8IYE1) Coiled-coil domain-containing protein 13, partial (11%) [TC590118]	11,038
Nat12	Rattus norvegicus N-acetyltransferase 12 (GCN5-related, putative) (Nat12), mRNA [NM_001109099]	11,038
Olr1605	Rattus norvegicus olfactory receptor 1605 (Olr1605), mRNA [NM_001000088]	11,035
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZKR3] [ENSRNOT00000008094]	11,034
0	Unknown	11,032
RGD1561766	PREDICTED: Rattus norvegicus similar to basic transcription factor 3 (RGD1561766), miscRNA [XR_009374]	11,030
Mgat1	Rattus norvegicus mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (Mgat1), mRNA [NM_030861]	11,029

Senp8	Rattus norvegicus SUMO/sentrin specific peptidase family member 8 (Senp8), mRNA [NM_001012355]	11,027
P4hb	Rattus norvegicus prolyl 4-hydroxylase, beta polypeptide (P4hb), mRNA [NM_012998]	11,026
0	Unknown	11,025
Abl1	Rattus norvegicus c-abl oncogene 1, receptor tyrosine kinase (Abl1), mRNA [NM_001100850]	11,024
Mier3	Rattus norvegicus mesoderm induction early response 1, family member 3 (Mier3), mRNA [NM_001168000]	11,023
Derl3	Rattus norvegicus Der1-like domain family, member 3 (Derl3), mRNA [NM_001109577]	11,023
Gpr112l	PREDICTED: Rattus norvegicus G protein-coupled receptor 112 like (Gpr112l), mRNA [XM_001058470]	11,022
Ube3a	Rattus norvegicus ubiquitin protein ligase E3A (Ube3a), mRNA [NM_001191837]	11,022
Cbfa2t2	Rattus norvegicus core-binding factor, runt domain, alpha subunit 2; translocated to, 2 (Cbfa2t2), mRNA [NM_001168542]	11,017
Galr3	Rattus norvegicus galanin receptor 3 (Galr3), mRNA [NM_019173]	11,016
Sycn	Rattus norvegicus syncollin (Sycn), mRNA [NM_139086]	11,015
Nanp	Rattus norvegicus N-acetylneuraminic acid phosphatase (Nanp), mRNA [NM_001009409]	11,015
Tpst1	Rattus norvegicus tyrosylprotein sulfotransferase 1 (Tpst1), mRNA [NM_001011903]	11,014
LOC100363969	PREDICTED: Rattus norvegicus zinc finger protein 457-like (LOC100363969), miscRNA [XR_085746]	11,014
B4galt5	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5 (B4galt5), mRNA [NM_001108608]	11,014
Xkr4	Rattus norvegicus XK, Kell blood group complex subunit-related family, member 4 (Xkr4), mRNA [NM_001011971]	11,014
Rps6ka3	Rattus norvegicus ribosomal protein S6 kinase polypeptide 3 (Rps6ka3), mRNA [NM_001192004]	11,014
LOC683923	PREDICTED: Rattus norvegicus hypothetical protein LOC683923 (LOC683923), mRNA [XM_001068075]	11,011
Sphkap	Rattus norvegicus SPHK1 interactor, AKAP domain containing (Sphkap), mRNA [NM_001127492]	11,010
Pelp1	Rattus norvegicus proline, glutamate and leucine rich protein 1 (Pelp1), mRNA [NM_001024270]	11,010
Ttl	Rattus norvegicus tubulin tyrosine ligase (Ttl), mRNA [NM_138536]	11,010
Dixdc1	Rattus norvegicus DIX domain containing 1 (Dixdc1), mRNA [NM_001037654]	11,010
0	Unknown	11,009
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD32] [ENSRNOT00000067364]	11,009
LOC687118	PREDICTED: Rattus norvegicus similar to death effector domain-containing DNA binding protein 2 (LOC687118), mRNA [XM_001077155]	11,002
0	Unknown	11,002
Pcnx	Rattus norvegicus pecanex homolog (Drosophila) (Pcnx), mRNA [NM_001170347]	10,998
Zfp828	Rattus norvegicus zinc finger protein 828 (Zfp828), mRNA [NM_001107329]	10,996
Artn	Rattus norvegicus artemin (Artn), mRNA [NM_053397]	10,995
Cacna1i	Rattus norvegicus calcium channel, voltage-dependent, T type, alpha 1i subunit (Cacna1i), mRNA [NM_020084]	10,995
Fance	Rattus norvegicus Fanconi anemia, complementation group E (Fance), mRNA [NM_001191718]	10,993
0	Unknown	10,990
Dppa3	Rattus norvegicus developmental pluripotency-associated 3 (Dppa3), mRNA [NM_001047864]	10,990

Coq5	Rattus norvegicus coenzyme Q5 homolog, methyltransferase (<i>S. cerevisiae</i>) (Coq5), nuclear gene encoding mitochondrial protein, mRNA [NM_001039022]	10,988
0	Unknown	10,987
Usp32	Rattus norvegicus ubiquitin specific peptidase 32 (Usp32), mRNA [NM_001107032]	10,985
Dmrta2	Rattus norvegicus DMRT-like family A2 (Dmrta2), mRNA [NM_001107951]	10,983
0	Unknown	10,983
Fbxo25	Rattus norvegicus F-box protein 25 (Fbxo25), mRNA [NM_001014239]	10,982
0	Unknown	10,981
Sfrs2ip	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABH1] [ENSRNOT00000007003]	10,981
Mapk8ip3	Rattus norvegicus mitogen-activated protein kinase 8 interacting protein 3 (Mapk8ip3), mRNA [NM_001100673]	10,980
Map3k1	Rattus norvegicus mitogen activated protein kinase kinase kinase 1 (Map3k1), mRNA [NM_053887]	10,979
0	Rattus norvegicus cDNA clone IMAGE:7323401. [BC088301]	10,978
Atp6v1c1	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V1 subunit C1 (Atp6v1c1), mRNA [NM_001011992]	10,975
Cox8a	Rattus norvegicus cytochrome c oxidase subunit VIIIa (Cox8a), mRNA [NM_134345]	10,975
Slc16a13	Rattus norvegicus solute carrier family 16, member 13 (monocarboxylic acid transporter 13) (Slc16a13), mRNA [NM_001005530]	10,974
Nrbp2	Rattus norvegicus nuclear receptor binding protein 2 (Nrbp2), mRNA [NM_001135007]	10,974
0	AT rich interactive domain 1B (SWI-like) Gene [Source:MGI Symbol;Acc:MGI:1926129] [ENSRNOT00000022939]	10,969
Dmwd	PREDICTED: Rattus norvegicus dystrophia myotonica, WD repeat containing (Dmwd), mRNA [XM_002725588]	10,968
0	ubiquitin protein ligase E3 component n-recognin 2 [Source:RefSeq peptide;Acc:NP_001171542] [ENSRNOT00000061531]	10,967
0	Unknown	10,966
Ttll12	Rattus norvegicus tubulin tyrosine ligase-like family, member 12 (Ttll12), mRNA [NM_001135922]	10,965
0	Unknown	10,964
Gpkow	Rattus norvegicus G patch domain and KOW motifs (Gpkow), mRNA [NM_001109381]	10,962
Ankk1	Rattus norvegicus ankyrin repeat and kinase domain containing 1 (Ankk1), mRNA [NM_001108999]	10,961
Eif2ak2	Rattus norvegicus eukaryotic translation initiation factor 2-alpha kinase 2 (Eif2ak2), mRNA [NM_019335]	10,961
0	Unknown	10,960
Slc34a1	Rattus norvegicus solute carrier family 34 (sodium phosphate), member 1 (Slc34a1), mRNA [NM_013030]	10,960
Gorab	Rattus norvegicus golgin, RAB6-interacting (Gorab), mRNA [NM_001100563]	10,956
Sh3bp5	Rattus norvegicus SH3-domain binding protein 5 (BTK-associated) (Sh3bp5), mRNA [NM_054011]	10,956
LOC681989	Rattus norvegicus similar to defective SPERmatogenesis family member (spe-39) (LOC681989), mRNA [NM_001101004]	10,956
Bok	Rattus norvegicus BCL2-related ovarian killer (Bok), mRNA [NM_017312]	10,955
0	Unknown	10,953
Cbl	PREDICTED: Rattus norvegicus Cas-Br-M (murine) ecotropic retroviral transforming sequence, transcript variant 1 (Cbl), mRNA [XM_001066453]	10,952
Nnat	Rattus norvegicus neuronatin (Nnat), transcript variant 1, mRNA [NM_053601]	10,951

0	Unknown	10,948
0	Unknown	10,946
0	Unknown	10,945
0	Unknown	10,945
Dtd1	Rattus norvegicus D-tyrosyl-tRNA deacylase 1 homolog (<i>S. cerevisiae</i>) (Dtd1), nuclear gene encoding mitochondrial protein, mRNA [NM_001108594]	10,944
Pfdn1	Rattus norvegicus prefoldin subunit 1 (Pfdn1), mRNA [NM_001108427]	10,944
0	Unknown	10,943
Mtpn	Rattus norvegicus myotrophin (Mtpn), mRNA [NM_024374]	10,943
Timm17b	Rattus norvegicus translocase of inner mitochondrial membrane 17 homolog B (yeast) (Timm17b), nuclear gene encoding mitochondrial protein, mRNA [NM_001108249]	10,940
Tm4sf4	Rattus norvegicus transmembrane 4 L six family member 4 (Tm4sf4), mRNA [NM_053785]	10,940
RGD1309708	Rattus norvegicus similar to RIKEN cDNA 4930455F23 (RGD1309708), mRNA [NM_001014131]	10,938
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZDX2] [ENSRNOT00000051605]	10,937
Rab5a	Rattus norvegicus RAB5A, member RAS oncogene family (Rab5a), mRNA [NM_022692]	10,935
Coro7	Rattus norvegicus coronin 7 (Coro7), mRNA [NM_001191639]	10,933
Prr7	Rattus norvegicus proline rich 7 (synaptic) (Prr7), mRNA [NM_001109116]	10,930
Snph	Rattus norvegicus syntaphilin (Snph), mRNA [NM_001106525]	10,930
Gsdmd	Rattus norvegicus gasdermin D (Gsdmd), mRNA [NM_001130553]	10,928
0	Unknown	10,925
Ufl1	Rattus norvegicus E3 UFM1-protein ligase 1 (Ufl1), mRNA [NM_001126279]	10,924
Asb3	Rattus norvegicus ankyrin repeat and SOCS box-containing 3 (Asb3), mRNA [NM_001108864]	10,921
0	Unknown	10,919
Pknox1	Rattus norvegicus PBX/knotted 1 homeobox 1 (Pknox1), mRNA [NM_001013074]	10,916
Pthlh	Rattus norvegicus parathyroid hormone-like hormone (Pthlh), mRNA [NM_012636]	10,915
0	Unknown	10,915
Map7	Rattus norvegicus microtubule-associated protein 7 (Map7), transcript variant 2, mRNA [NM_001198638]	10,915
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZI9] [ENSRNOT00000043132]	10,913
0	Unknown	10,912
Rab8b	Rattus norvegicus RAB8B, member RAS oncogene family (Rab8b), mRNA [NM_153317]	10,911
RGD1562127	PREDICTED: Rattus norvegicus similar to chromosome 11 open reading frame 9 (RGD1562127), mRNA [XM_001080934]	10,911
0	Unknown	10,910
Dctn4	Rattus norvegicus dynactin 4 (Dctn4), mRNA [NM_053404]	10,908
RGD1309748	Rattus norvegicus similar to CG4768-PA (RGD1309748), mRNA [NM_001106972]	10,902

Spats1	Rattus norvegicus spermatogenesis associated, serine-rich 1 (Spats1), mRNA [NM_181376]	10,900
Phyhd1	Rattus norvegicus phytanoyl-CoA dioxygenase domain containing 1 (Phyhd1), mRNA [NM_001013081]	10,900
Fbxl12	Rattus norvegicus F-box and leucine-rich repeat protein 12 (Fbxl12), mRNA [NM_001025700]	10,899
0	Unknown	10,897
0	PREDICTED: Rattus norvegicus hypothetical protein LOC687735 (LOC687735), mRNA [XM_001079963]	10,896
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHS3] [ENSRNOT00000013881]	10,894
Rspry1	Rattus norvegicus ring finger and SPRY domain containing 1 (Rspry1), mRNA [NM_001100945]	10,893
0	Unknown	10,893
Foxk2	Rattus norvegicus forkhead box K2 (Foxk2), mRNA [NM_001107075]	10,892
Zfp12	PREDICTED: Rattus norvegicus zinc finger protein 12 (Zfp12), mRNA [XM_001072483]	10,890
Zp3r	Rattus norvegicus zona pellucida 3 receptor (Zp3r), mRNA [NM_182815]	10,889
Kifap3	Rattus norvegicus kinesin-associated protein 3 (Kifap3), mRNA [NM_001105964]	10,889
Kcnrg	Rattus norvegicus potassium channel regulator (Kcnrg), mRNA [NM_001191687]	10,887
Dnah8	PREDICTED: Rattus norvegicus dynein, axonemal, heavy chain 8 (Dnah8), mRNA [XM_228058]	10,886
Zmym3	Rattus norvegicus zinc finger, MYM-type 3 (Zmym3), mRNA [NM_001040155]	10,885
Sdccag3	Rattus norvegicus serologically defined colon cancer antigen 3 (Sdccag3), mRNA [NM_001013135]	10,885
Yod1	Rattus norvegicus YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae) (Yod1), mRNA [NM_001008889]	10,885
Cmtm4	Rattus norvegicus CKLF-like MARVEL transmembrane domain containing 4 (Cmtm4), mRNA [NM_001172151]	10,885
Dyrk2	Rattus norvegicus dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (Dyrk2), mRNA [NM_001108100]	10,883
Gabarapl1	Rattus norvegicus GABA(A) receptor-associated protein like 1 (Gabarapl1), mRNA [NM_001044294]	10,883
Secisbp2l	Rattus norvegicus SECIS binding protein 2-like (Secisbp2l), mRNA [NM_001168527]	10,881
Rhbdl3	Rattus norvegicus rhomboid, veinlet-like 3 (Drosophila) (Rhbdl3), mRNA [NM_001105819]	10,881
Ywhaq	Rattus norvegicus tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide (Ywhaq), mRNA [NM_013053]	10,881
Taf1c	Rattus norvegicus TATA box binding protein (Tbp)-associated factor, RNA polymerase I, C (Taf1c), mRNA [NM_001014155]	10,880
Epn3	Rattus norvegicus epsin 3 (Epn3), mRNA [NM_001024791]	10,880
Rab13	Rattus norvegicus RAB13, member RAS oncogene family (Rab13), mRNA [NM_031092]	10,879
Sfrp5	Rattus norvegicus secreted frizzled-related protein 5 (Sfrp5), mRNA [NM_001107591]	10,877
Ccno	Rattus norvegicus cyclin O (Ccno), mRNA [NM_001109175]	10,877
Dtnb	Rattus norvegicus dystrobrevin, beta (Dtnb), mRNA [NM_001012191]	10,876
LOC361990	Rattus norvegicus similar to DKFZP547E1010 protein (LOC361990), mRNA [NM_001014175]	10,874
0	PREDICTED: Rattus norvegicus rCG56028-like (LOC100363825), miscRNA [XR_085819]	10,873
Slc19a1	Rattus norvegicus solute carrier family 19 (folate transporter), member 1 (Slc19a1), transcript variant 1, mRNA [NM_017299]	10,871
Olr1070	Rattus norvegicus olfactory receptor 1070 (Olr1070), mRNA [NM_001000591]	10,870
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z930] [ENSRNOT00000031558]	10,866

Ciapin1	Rattus norvegicus cytokine induced apoptosis inhibitor 1 (Ciapin1), mRNA [NM_001007689]	10,865
Tp63	Rattus norvegicus tumor protein p63 (Tp63), transcript variant 3, mRNA [NM_001127341]	10,864
Far1	Rattus norvegicus TL0ADA37YA18 mRNA sequence. [FQ221385]	10,864
Nfat5	Rattus norvegicus nuclear factor of activated T-cells 5 (Nfat5), mRNA [NM_001107425]	10,864
RGD1562143	PREDICTED: Rattus norvegicus similar to Ctps protein (RGD1562143), mRNA [XM_001062088]	10,863
Dnajb1	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 1 (Dnajb1), mRNA [NM_001108441]	10,858
0	Unknown	10,856
Wdfy1	Rattus norvegicus WD repeat and FYVE domain containing 1 (Wdfy1), mRNA [NM_001008331]	10,856
Hoxa9l	RCG52500, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSU5] [ENSRNOT00000009487]	10,854
Zfp354c	Rattus norvegicus zinc finger protein 354C (Zfp354c), mRNA [NM_023988]	10,853
0	Unknown	10,852
Dnaja3	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily A, member 3 (Dnaja3), transcript variant 1, mRNA [NM_001038595]	10,852
LOC311578	Rattus norvegicus mRNA for CSG142, partial cds. [AB190506]	10,850
Sorl1	Rattus norvegicus sortilin-related receptor, LDLR class A repeats-containing (Sorl1), mRNA [NM_053519]	10,850
Ppapdc1a	Rattus norvegicus phosphatidic acid phosphatase type 2 domain containing 1A (Ppapdc1a), mRNA [NM_001191631]	10,848
Elmod2	Rattus norvegicus ELMO/CED-12 domain containing 2 (Elmod2), mRNA [NM_001109506]	10,846
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC317168), mRNA [XM_228411]	10,845
RGD1561832	PREDICTED: Rattus norvegicus similar to CDNA sequence BC043301 (RGD1561832), mRNA [XM_001080370]	10,844
Zfand2a	Rattus norvegicus zinc finger, AN1-type domain 2A (Zfand2a), mRNA [NM_001008363]	10,843
Sepx1	Rattus norvegicus selenoprotein X, 1 (Sepx1), mRNA [NM_001044285]	10,842
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC295452), mRNA [XM_227696]	10,842
LOC688776	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAL7] [ENSRNOT00000049703]	10,840
0	PREDICTED: Rattus norvegicus zinc finger protein 770 (Znf770), mRNA [XM_001079020]	10,839
Smarcc1	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1 (Smarcc1), mRNA [NM_001106861]	10,837
Rpl18a	Rattus norvegicus ribosomal protein L18A (Rpl18a), mRNA [NM_212510]	10,837
0	Unknown	10,833
Cbfb	Rattus norvegicus core-binding factor, beta subunit (Cbfb), mRNA [NM_001013191]	10,832
0	Q2U0J3_ASPOR (Q2U0J3) Synaptic vesicle transporter SVOP and related transporters, partial (3%) [TC622715]	10,829
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADG6] [ENSRNOT00000045033]	10,828
0	Unknown	10,826
0	Unknown	10,826

Cdc2l5	PREDICTED: Rattus norvegicus cell division cycle 2-like 5 (cholinesterase-related cell division controller), transcript variant 2 (Cdc2l5), mRNA [XM_001053609]	10,824
LOC681849	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3C4] [ENSRNOT00000007809]	10,824
Fam84a	Rattus norvegicus family with sequence similarity 84, member A (Fam84a), mRNA [NM_001127299]	10,824
0	Unknown	10,822
0	Unknown	10,821
0	Unknown	10,820
0	voltage-dependent anion channel 1 (Vdac1), nuclear gene encoding mitochondrial protein, mRNA [Source:RefSeq DNA;Acc:NM_031353] [ENSRNOT00000006775]	10,819
ErbB2	Rattus norvegicus v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) (ErbB2), mRNA [NM_017003]	10,815
Lcmt2	Rattus norvegicus leucine carboxyl methyltransferase 2 (Lcmt2), mRNA [NM_001011956]	10,812
Cpsf2	Rattus norvegicus cleavage and polyadenylation specific factor 2 (Cpsf2), mRNA [NM_001106753]	10,811
Agfg1	Rattus norvegicus ArfGAP with FG repeats 1 (Agfg1), mRNA [NM_001135596]	10,809
Evx1	Rattus norvegicus even-skipped homeobox 1 (Evx1), mRNA [NM_001191972]	10,809
Col9a1	Rattus norvegicus collagen, type IX, alpha 1 (Col9a1), mRNA [NM_001100842]	10,808
Smpd4	Rattus norvegicus sphingomyelin phosphodiesterase 4, neutral membrane (Smpd4), mRNA [NM_001167806]	10,806
Hibch	Rattus norvegicus 3-hydroxyisobutyryl-Coenzyme A hydrolase (Hibch), nuclear gene encoding mitochondrial protein, mRNA [NM_001013112]	10,805
Ddx19a	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 19a (Ddx19a), mRNA [NM_001005381]	10,805
Ldlr	Rattus norvegicus low density lipoprotein receptor (Ldlr), mRNA [NM_175762]	10,804
0	U1 small nuclear ribonucleoprotein C [Source:UniProtKB/TrEMBL;Acc:D3ZCL3] [ENSRNOT00000000586]	10,801
Fgfr3	Rattus norvegicus fibroblast growth factor receptor 3 (Fgfr3), mRNA [NM_053429]	10,799
Med24	Rattus norvegicus mediator complex subunit 24 (Med24), mRNA [NM_001034079]	10,798
Ucma	Rattus norvegicus upper zone of growth plate and cartilage matrix associated (Ucma), mRNA [NM_001106121]	10,798
Olr1750	Rattus norvegicus olfactory receptor 1750 (Olr1750), mRNA [NM_212493]	10,798
Smarca1	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 (Smarca1), mRNA [NM_001024993]	10,797
Atp2a2	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2 (Atp2a2), transcript variant 2, mRNA [NM_001110139]	10,796
Pkm2	Rattus norvegicus pyruvate kinase, muscle (Pkm2), mRNA [NM_053297]	10,796
RGD1306613	Rattus norvegicus similar to RIKEN cDNA 1600012F09 (RGD1306613), mRNA [NM_001107356]	10,794
Dync1li2	Rattus norvegicus dynein, cytoplasmic 1 light intermediate chain 2 (Dync1li2), mRNA [NM_031026]	10,793
Ng35	Rattus norvegicus Ng35 pseudogene (Ng35), mRNA [NM_001134991]	10,793
0	BQ210707 UI-R-DY1-com-a-24-0-UI.s1 NCI_CGAP_DY1 Rattus norvegicus cDNA clone IMAGE:7337090 3', mRNA sequence [BQ210707]	10,792
Lrrc36	Rattus norvegicus leucine rich repeat containing 36 (Lrrc36), mRNA [NM_001004088]	10,790

Wee1	Rattus norvegicus wee 1 homolog (S. pombe) (Wee1), mRNA [NM_001012742]	10,789
Iqgap1	Rattus norvegicus IQ motif containing GTPase activating protein 1 (Iqgap1), mRNA [NM_001108489]	10,787
RGD1563194	PREDICTED: Rattus norvegicus similar to ribosomal protein L13 (RGD1563194), miscRNA [XR_009316]	10,787
Dnajc14	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 14 (Dnajc14), mRNA [NM_053690]	10,785
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A268] [ENSRNOT00000007350]	10,785
Hes6	Rattus norvegicus hairy and enhancer of split 6 (Drosophila) (Hes6), mRNA [NM_001013179]	10,785
Nme4	Rattus norvegicus non-metastatic cells 4, protein expressed in (Nme4), nuclear gene encoding mitochondrial protein, mRNA [NM_001109478]	10,785
Nfkbil2	Rattus norvegicus nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2 (Nfkbil2), mRNA [NM_001130572]	10,779
RGD1306410	Rattus norvegicus similar to CG14980-PB (RGD1306410), mRNA [NM_001014126]	10,778
0	TBC domain-containing protein kinase-like protein [Source:RefSeq peptide;Acc:NP_001127985] [ENSRNOT00000015502]	10,777
0	Unknown	10,777
Ttc39a	Rattus norvegicus tetratricopeptide repeat domain 39A (Ttc39a), mRNA [NM_001134519]	10,775
Slc25a25	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 25 (Slc25a25), nuclear gene encoding mitochondrial protein, mRNA [NM_145677]	10,774
Slc2a4	Rattus norvegicus solute carrier family 2 (facilitated glucose transporter), member 4 (Slc2a4), mRNA [NM_012751]	10,773
Snrnp27	Rattus norvegicus small nuclear ribonucleoprotein 27 (U4/U6.U5) (Snrnp27), mRNA [NM_001108636]	10,770
Mospd1	Rattus norvegicus motile sperm domain containing 1 (Mospd1), mRNA [NM_001014107]	10,769
Cep164	PREDICTED: Rattus norvegicus centrosomal protein 164kDa (Cep164), mRNA [XM_001064241]	10,768
0	Unknown	10,768
Fgfr1	Rattus norvegicus fibroblast growth factor receptor-like 1 (Fgfr1), mRNA [NM_199114]	10,767
Atp1b1	Rattus norvegicus ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide (Atp1b1), mRNA [NM_013113]	10,762
0	Unknown	10,761
LOC683753	PREDICTED: Rattus norvegicus hypothetical protein LOC683753 (LOC683753), mRNA [XM_001067334]	10,761
Lix1l	Rattus norvegicus Lix1 homolog (mouse)-like (Lix1l), mRNA [NM_001024303]	10,761
Myo9b	Rattus norvegicus myosin IXb (Myo9b), mRNA [NM_012984]	10,760
Mapk1ip1	Rattus norvegicus mitogen-activated protein kinase 1 interacting protein 1 (Mapk1ip1), mRNA [NM_001122782]	10,760
0	Q7TQ74_RAT (Q7TQ74) Ac1573, partial (11%) [TC600249]	10,758
Nid2	Rattus norvegicus nidogen 2 (Nid2), mRNA [NM_001012005]	10,757
Ccdc80	Rattus norvegicus coiled-coil domain containing 80 (Ccdc80), mRNA [NM_022543]	10,755
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z1Y8] [ENSRNOT00000029667]	10,755
Abhd14a	Rattus norvegicus abhydrolase domain containing 14A (Abhd14a), mRNA [NM_001009670]	10,754
Bai2	Rattus norvegicus brain-specific angiogenesis inhibitor 2 (Bai2), mRNA [NM_001107914]	10,753
42248	Rattus norvegicus selenoprotein 15 (Sep15), mRNA [NM_133297]	10,753
Ube2j1	Rattus norvegicus ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast) (Ube2j1), mRNA [NM_001106642]	10,752

Pacsin2	Rattus norvegicus protein kinase C and casein kinase substrate in neurons 2 (Pacsin2), mRNA [NM_130740]	10,752
0	Unknown	10,751
Rtp4	Rattus norvegicus receptor (chemosensory) transporter protein 4 (Rtp4), mRNA [NM_001108321]	10,751
Fpgs	Rattus norvegicus folylpolyglutamate synthase (Fpgs), nuclear gene encoding mitochondrial protein, mRNA [NM_001146125]	10,750
0	Unknown	10,749
Sgms1	Rattus norvegicus sphingomyelin synthase 1 (Sgms1), mRNA [NM_181386]	10,749
Cycs	Rattus norvegicus cytochrome c, somatic (Cycs), nuclear gene encoding mitochondrial protein, mRNA [NM_012839]	10,748
Kel	Rattus norvegicus Kell blood group, metallo-endopeptidase (Kel), mRNA [NM_001191611]	10,747
RT1-EC2	Rattus norvegicus RT1 class Ib, locus EC2 (RT1-EC2), mRNA [NM_012645]	10,745
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2X3] [ENSRNOT00000038101]	10,743
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKL6] [ENSRNOT00000044160]	10,741
Rhoq	Rattus norvegicus ras homolog gene family, member Q (Rhoq), mRNA [NM_053522]	10,741
Anks6	Rattus norvegicus ankyrin repeat and sterile alpha motif domain containing 6 (Anks6), mRNA [NM_001015028]	10,740
Zfand1	PREDICTED: Rattus norvegicus zinc finger, AN1-type domain 1 (Zfand1), mRNA [XM_342213]	10,739
Ptgir	Rattus norvegicus prostaglandin I2 (prostacyclin) receptor (IP) (Ptgir), mRNA [NM_001077644]	10,739
Olr1681	Rattus norvegicus olfactory receptor 1681 (Olr1681), mRNA [NM_001001006]	10,736
RGD1308319	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBT5] [ENSRNOT00000050012]	10,734
Rngtt	Rattus norvegicus RNA guanylyltransferase and 5'-phosphatase (Rngtt), mRNA [NM_001107923]	10,734
Reck	Rattus norvegicus reversion-inducing-cysteine-rich protein with kazal motifs (Reck), mRNA [NM_001107954]	10,734
Bbs9	PREDICTED: Rattus norvegicus Bardet-Biedl syndrome 9 (Bbs9), mRNA [XM_235942]	10,733
0	Unknown	10,730
Havcr1	Rattus norvegicus hepatitis A virus cellular receptor 1 (Havcr1), mRNA [NM_173149]	10,730
Tacr2	Rattus norvegicus tachykinin receptor 2 (Tacr2), mRNA [NM_080768]	10,728
0	Unknown	10,726
0	Unknown	10,725
Prpf38b	Rattus norvegicus PRP38 pre-mRNA processing factor 38 (yeast) domain containing B (Prpf38b), mRNA [NM_001024305]	10,725
Inpp4a	Rattus norvegicus inositol polyphosphate-4-phosphatase, type 1 (Inpp4a), mRNA [NM_031002]	10,725
Ppp1r15a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 15A (Ppp1r15a), mRNA [NM_133546]	10,723
Fkbp4	Rattus norvegicus FK506 binding protein 4 (Fkbp4), mRNA [NM_001191863]	10,720
Zfand1	Putative uncharacterized protein RGD1309519_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQI4] [ENSRNOT00000013905]	10,719
Pitpnc1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE57] [ENSRNOT00000021498]	10,719
Ddx3x	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked (Ddx3x), mRNA [NM_001108246]	10,716
Prom2	Rattus norvegicus prominin 2 (Prom2), mRNA [NM_138857]	10,715

0	Unknown	10,715
Etnk2	Rattus norvegicus ethanolamine kinase 2 (Etnk2), mRNA [NM_001108343]	10,714
Ptprz1	Rattus norvegicus protein tyrosine phosphatase, receptor-type, Z polypeptide 1 (Ptprz1), transcript variant 1, mRNA [NM_013080]	10,714
0	Unknown	10,713
Hes1	Rattus norvegicus hairy and enhancer of split 1 (Drosophila) (Hes1), mRNA [NM_024360]	10,713
LOC679715	PREDICTED: Rattus norvegicus similar to ribosomal protein L13 (LOC679715), mRNA [XM_001054162]	10,713
0	Unknown	10,713
Ptprm	Rattus norvegicus protein tyrosine phosphatase, receptor type, M (Ptprm), mRNA [NM_001168632]	10,711
0	Unknown	10,710
Fam104a	Rattus norvegicus family with sequence similarity 104, member A (Fam104a), mRNA [NM_001034958]	10,709
Polr3f	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide F (Polr3f), mRNA [NM_001107784]	10,709
Tmem104	Rattus norvegicus transmembrane protein 104 (Tmem104), mRNA [NM_001191655]	10,709
Camk2b	Rattus norvegicus calcium/calmodulin-dependent protein kinase II beta (Camk2b), transcript variant 2, mRNA [NM_021739]	10,706
Tmem106b	Rattus norvegicus transmembrane protein 106B (Tmem106b), mRNA [NM_001004267]	10,706
Wnt16	Rattus norvegicus wingless-type MMTV integration site family, member 16 (Wnt16), mRNA [NM_001109223]	10,704
Rpl23a	Rattus norvegicus ribosomal protein L23a (Rpl23a), mRNA [NM_001108283]	10,701
Fam18a	Rattus norvegicus family with sequence similarity 18, member A (Fam18a), mRNA [NM_001108263]	10,701
Ncf1	Rattus norvegicus neutrophil cytosolic factor 1 (Ncf1), mRNA [NM_053734]	10,697
Peg10	PREDICTED: Rattus norvegicus paternally expressed 10 (Peg10), mRNA [XM_001053454]	10,696
Ttc38	Rattus norvegicus tetratricopeptide repeat domain 38 (Ttc38), mRNA [NM_001130499]	10,696
Ccr10	Rattus norvegicus chemokine (C-C motif) receptor 10 (Ccr10), mRNA [NM_001108836]	10,695
Cyp4v3	Rattus norvegicus cytochrome P450, family 4, subfamily v, polypeptide 3 (Cyp4v3), mRNA [NM_001135600]	10,695
Tmem82	Putative uncharacterized protein RGD1566169_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A8K4] [ENSRNOT00000016176]	10,693
0	Unknown	10,693
0	SC23A_MOUSE (Q01405) Protein transport protein Sec23A (SEC23-related protein A), complete [TC596010]	10,692
RGD1560151	PREDICTED: Rattus norvegicus similar to predicted CDS, mechanosensory transduction channel NOMPC (1O503) (RGD1560151), mRNA [XM_576520]	10,692
Znf629	Rattus norvegicus zinc finger protein-like mRNA, complete sequence. [AY589489]	10,686
0	Unknown	10,684
Gprc5c	G-protein coupled receptor family C group 5 member C [Source:UniProtKB/Swiss-Prot;Acc:Q3KRC4] [ENSRNOT00000004256]	10,681
Slc30a4	Rattus norvegicus solute carrier family 30 (zinc transporter), member 4 (Slc30a4), mRNA [NM_172066]	10,681
Dennd5a	Rattus norvegicus DENN/MADD domain containing 5A (Dennd5a), mRNA [NM_001107546]	10,678
Mpz	Rattus norvegicus myelin protein zero (Mpz), mRNA [NM_017027]	10,677

0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AA66] [ENSRNOT00000056882]	10,676
Rfc1	Rattus norvegicus replication factor C (activator 1) 1 (Rfc1), mRNA [NM_053547]	10,675
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAF9] [ENSRNOT00000005478]	10,673
Cyth1	Rattus norvegicus cytohesin 1 (Cyth1), mRNA [NM_053910]	10,672
RGD1304810	Rattus norvegicus similar to 6430573F11Rik protein (RGD1304810), mRNA [NM_001107314]	10,672
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHU8] [ENSRNOT00000001891]	10,670
Nptx2	Rattus norvegicus neuronal pentraxin 2 (Nptx2), mRNA [NM_001034199]	10,666
LOC680200	Rattus norvegicus similar to zinc finger protein 455 (LOC680200), mRNA [NM_001139491]	10,664
Tmem35	Rattus norvegicus transmembrane protein 35 (Tmem35), mRNA [NM_001001799]	10,662
RGD1565469	Rattus norvegicus RGD1565469 (RGD1565469), mRNA [NM_001109340]	10,662
0	Unknown	10,661
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z969] [ENSRNOT00000036676]	10,660
Cgref1	Rattus norvegicus cell growth regulator with EF hand domain 1 (Cgref1), mRNA [NM_139087]	10,658
Abcc5	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 5 (Abcc5), mRNA [NM_053924]	10,657
Wars2	Rattus norvegicus tryptophanyl tRNA synthetase 2 (mitochondrial) (Wars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001168641]	10,657
Vash2	Rattus norvegicus vasohibin 2 (Vash2), mRNA [NM_001109082]	10,657
Mbp	Rattus norvegicus myelin basic protein (Mbp), transcript variant 6, mRNA [NM_001025289]	10,655
Aldh18a1	Rattus norvegicus aldehyde dehydrogenase 18 family, member A1 (Aldh18a1), nuclear gene encoding mitochondrial protein, mRNA [NM_001108524]	10,655
Col19a1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCQ0] [ENSRNOT00000017169]	10,654
Sh3bp2	Rattus norvegicus SH3-domain binding protein 2 (Sh3bp2), mRNA [NM_001100684]	10,653
Ide	Rattus norvegicus insulin degrading enzyme (Ide), mRNA [NM_013159]	10,652
LOC680799	Rattus norvegicus hypothetical protein LOC680799 (LOC680799), transcript variant 2, mRNA [NM_001163519]	10,650
0	Rattus norvegicus TL0AEA97YK17 mRNA sequence. [FQ230487]	10,648
0	Unknown	10,646
Crip	Rattus norvegicus cysteine-rich intestinal protein (Crip), mRNA [NM_001134933]	10,645
0	PREDICTED: Rattus norvegicus similar to TDPOZ3 (RGD1564313), mRNA [XM_578051]	10,642
0	Unknown	10,641
Ythdf3	Rattus norvegicus YTH domain family, member 3 (Ythdf3), mRNA [NM_001108546]	10,640
Setl1	Rattus norvegicus SET translocation-like 1 (Setl1), mRNA [NM_194353]	10,639
Rpl37a	Rattus norvegicus ribosomal protein L37a (Rpl37a), transcript variant 2, mRNA [NM_001108801]	10,638
0	Unknown	10,637
Phc1	Rattus norvegicus polyhomeotic homolog 1 (Drosophila) (Phc1), mRNA [NM_001107886]	10,637
Mafb	Rattus norvegicus v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian) (Mafb), mRNA [NM_019316]	10,636

RGD1311458	Rattus norvegicus similar to cDNA sequence BC027231; hypothetical protein MGC27931 (RGD1311458), mRNA [NM_001009678]	10,632
Btbd9	Rattus norvegicus BTB (POZ) domain containing 9 (Btbd9), mRNA [NM_001013073]	10,630
Fmr1	Rattus norvegicus fragile X mental retardation 1 (Fmr1), mRNA [NM_052804]	10,630
0	Rattus norvegicus similar to splicing-related factor RNPS1 (LOC312994), mRNA [XM_232688]	10,627
0	Unknown	10,626
0	YLP motif-containing protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P0CB49] [ENSRNOT00000047060]	10,626
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC291545), mRNA [XM_225859]	10,626
Snta1	Rattus norvegicus syntrophin, acidic 1 (Snta1), mRNA [NM_001100901]	10,626
LOC641520	Rattus norvegicus popeye domain-containing 3 (LOC641520), mRNA [NM_001037369]	10,625
Olr702	PREDICTED: Rattus norvegicus olfactory receptor 702 (Olr702), partial mRNA [XM_001077079]	10,622
Tmem200b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9B6] [ENSRNOT00000047917]	10,621
Rgs6	PREDICTED: Rattus norvegicus regulator of G-protein signaling 6 (Rgs6), mRNA [XM_001063200]	10,620
Hipk1	Rattus norvegicus homeodomain interacting protein kinase 1 (Hipk1), mRNA [NM_001100986]	10,618
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKK0] [ENSRNOT00000062088]	10,618
Tmem56	Rattus norvegicus transmembrane protein 56 (Tmem56), mRNA [NM_001135879]	10,618
0	Q9NRI8_HUMAN (Q9NRI8) HT014, complete [TC634078]	10,618
Kdm4a	Rattus norvegicus lysine (K)-specific demethylase 4A (Kdm4a), mRNA [NM_001107966]	10,617
Apobec3f	Rattus norvegicus apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F (Apobec3f), mRNA [NM_001033703]	10,616
Gng5	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 5 (Gng5), mRNA [NM_024377]	10,614
Nde1	Rattus norvegicus nudE nuclear distribution gene E homolog 1 (A. nidulans) (Nde1), mRNA [NM_053347]	10,613
0	Unknown	10,611
0	Unknown	10,611
Batf2	Similar to RIKEN cDNA 4933430F08 (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT85] [ENSRNOT00000028527]	10,610
RGD1563556	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT87] [ENSRNOT00000029887]	10,610
Ppp1r1a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 1A (Ppp1r1a), mRNA [NM_022676]	10,609
0	Unknown	10,609
Glce	RCG57892Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIK0] [ENSRNOT00000038641]	10,609
LOC100364959	PREDICTED: Rattus norvegicus basic transcription factor 3-like (LOC100364959), mRNA [XM_002727692]	10,609
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVJ6] [ENSRNOT00000037445]	10,608
Sdpr	Rattus norvegicus serum deprivation response (Sdpr), mRNA [NM_001007712]	10,604
Vcan	Rattus norvegicus versican (Vcan), transcript variant 2, mRNA [NM_053663]	10,604
Znf282	Rattus norvegicus zinc finger protein 282 (Znf282), mRNA [NM_001106592]	10,604

Tcea1	Rattus norvegicus transcription elongation factor A (SII) 1 (Tcea1), mRNA [NM_001025735]	10,603
0	Protein tyrosine phosphatase delta [Source:UniProtKB/TrEMBL;Acc:Q62990] [ENSRNOT00000025426]	10,602
Plce1	Rattus norvegicus phospholipase C, epsilon 1 (Plce1), mRNA [NM_053758]	10,600
Arl6	Rattus norvegicus ADP-ribosylation factor-like 6 (Arl6), mRNA [NM_001108842]	10,597
0	predicted gene 12258 Gene [Source:MGI Symbol;Acc:MGI:3651534] [ENSRNOT00000067580]	10,597
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0Y6] [ENSRNOT00000038176]	10,597
Eif4a1	Rattus norvegicus eukaryotic translation initiation factor 4A, isoform 1 (Eif4a1), mRNA [NM_199372]	10,597
Zc3h12c	Rattus norvegicus zinc finger CCCH type containing 12C (Zc3h12c), mRNA [NM_001108146]	10,594
LOC690206	Rattus norvegicus hypothetical protein LOC690206 (LOC690206), mRNA [NM_001109567]	10,593
Dnajc21	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 21 (Dnajc21), mRNA [NM_138856]	10,592
0	Unknown	10,592
Wnk4	Rattus norvegicus WNK lysine deficient protein kinase 4 (Wnk4), mRNA [NM_175579]	10,587
0	Unknown	10,587
Tmem90b	Rattus norvegicus transmembrane protein 90B (Tmem90b), mRNA [NM_001025020]	10,586
Slc16a8	Monocarboxylate transporter 3 [Source:UniProtKB/Swiss-Prot;Acc:O70461] [ENSRNOT00000016247]	10,586
Mzf1	Rattus norvegicus myeloid zinc finger 1 (Mzf1), mRNA [NM_001108470]	10,584
0	LRRG00123LRRGT00103RCG65927 [Source:UniProtKB/TrEMBL;Acc:Q6QI85] [ENSRNOT00000043973]	10,583
Ppard	Rattus norvegicus peroxisome proliferator-activated receptor delta (Ppard), mRNA [NM_013141]	10,582
Trub2	Rattus norvegicus TruB pseudouridine (psi) synthase homolog 2 (E. coli) (Trub2), mRNA [NM_001014257]	10,582
Cask	Rattus norvegicus calcium/calmodulin-dependent serine protein kinase (MAGUK family) (Cask), mRNA [NM_022184]	10,579
0	Unknown	10,577
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC294417), mRNA [XM_228193]	10,577
Mrps21l	PREDICTED: Rattus norvegicus mitochondrial ribosomal protein S21-like (Mrps21l), mRNA [XM_001057655]	10,575
0	Unknown	10,574
Prdx3	Rattus norvegicus peroxiredoxin 3 (Prdx3), nuclear gene encoding mitochondrial protein, mRNA [NM_022540]	10,574
RGD1565705	PREDICTED: Rattus norvegicus similar to chr2 synaptotagmin (RGD1565705), mRNA [XM_002726849]	10,571
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000059076]	10,571
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZM66] [ENSRNOT00000042277]	10,569
0	Unknown	10,568
0	Ribosomal protein [Source:UniProtKB/TrEMBL;Acc:D3Z9F6] [ENSRNOT00000045023]	10,568
Ptdss2	Rattus norvegicus phosphatidylserine synthase 2 (Ptdss2), mRNA [NM_001106316]	10,568
Cacna1a	Rattus norvegicus calcium channel, voltage-dependent, P/Q type, alpha 1A subunit (Cacna1a), mRNA [NM_012918]	10,566
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIH7] [ENSRNOT00000033109]	10,565
Slc12a2	Rattus norvegicus solute carrier family 12 (sodium/potassium/chloride transporters), member 2 (Slc12a2), mRNA [NM_031798]	10,564

Vwf	von Willebrand factor [Source:UniProtKB/Swiss-Prot;Acc:Q62935] [ENSRNOT00000026643]	10,563
Olr68	Rattus norvegicus olfactory receptor 68 (Olr68), mRNA [NM_001000133]	10,562
Usp53	Rattus norvegicus ubiquitin specific peptidase 53 (Usp53), mRNA [NM_001106468]	10,562
Itsn1	Rattus norvegicus intersectin 1 (SH3 domain protein) (Itsn1), transcript variant 1, mRNA [NM_001136096]	10,561
Vom2r75	Rattus norvegicus vomeronasal 2 receptor, 75 (Vom2r75), mRNA [NM_173320]	10,560
Aqp11	Rattus norvegicus aquaporin 11 (Aqp11), mRNA [NM_173105]	10,560
Spata20	Rattus norvegicus spermatogenesis associated 20 (Spata20), mRNA [NM_199402]	10,554
0	Unknown	10,554
Nt5c3	Rattus norvegicus 5'-nucleotidase, cytosolic III (Nt5c3), mRNA [NM_001107862]	10,551
Slc22a3	Rattus norvegicus solute carrier family 22 (extraneuronal monoamine transporter), member 3 (Slc22a3), mRNA [NM_019230]	10,551
Tyro3	Rattus norvegicus TYRO3 protein tyrosine kinase (Tyro3), mRNA [NM_017092]	10,550
LOC499746	LOC499746 protein [Source:UniProtKB/TrEMBL;Acc:Q498T7] [ENSRNOT00000013278]	10,544
Exosc2	Rattus norvegicus exosome component 2 (Exosc2), mRNA [NM_001108952]	10,543
Osbpl9	Rattus norvegicus oxysterol binding protein-like 9 (Osbp19), mRNA [NM_001044234]	10,543
Cdc25a	Rattus norvegicus cell division cycle 25 homolog A (S. pombe) (Cdc25a), mRNA [NM_133571]	10,543
Ranbp1	Rattus norvegicus RAN binding protein 1 (Ranbp1), mRNA [NM_001108324]	10,542
Mdk	Rattus norvegicus midkine (Mdk), mRNA [NM_030859]	10,539
Hba-a2	Rattus norvegicus hemoglobin alpha, adult chain 2 (Hba-a2), mRNA [NM_013096]	10,538
Dock7	Rattus norvegicus dedicator of cytokinesis 7 (Dock7), mRNA [NM_001191574]	10,537
0	RVL6519 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV716357]	10,537
RGD1561557	Rattus norvegicus similar to chromosome 21 open reading frame 29 (RGD1561557), mRNA [NM_001108929]	10,537
Clmn	Rattus norvegicus calmin (Clmn), mRNA [NM_001106755]	10,536
RGD1310553	Rattus norvegicus similar to expressed sequence AI597479 (RGD1310553), mRNA [NM_001008517]	10,535
Otud5	Rattus norvegicus OTU domain containing 5 (Otud5), mRNA [NM_001037496]	10,534
Mtx1	Rattus norvegicus Metaxin 1 (Mtx1), nuclear gene encoding mitochondrial protein, mRNA [NM_001100667]	10,533
Tm6sf2	Rattus norvegicus transmembrane 6 superfamily member 2 (Tm6sf2), mRNA [NM_001127654]	10,532
B4galt2	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2 (B4galt2), mRNA [NM_001107965]	10,530
Eri2	Rattus norvegicus exoribonuclease 2 (Eri2), mRNA [NM_001191114]	10,529
RGD1561662	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVE5] [ENSRNOT00000020516]	10,529
Mag	Rattus norvegicus myelin-associated glycoprotein (Mag), mRNA [NM_017190]	10,527
Cul4b	Rattus norvegicus cullin 4B (Cul4b), mRNA [NM_001106951]	10,524
RT1-CE2	Rattus norvegicus RT1 class I, locus CE2 (RT1-CE2), mRNA [NM_001008840]	10,522
A26c2	PREDICTED: Rattus norvegicus ANKRD26-like family C, member 2 (A26c2), mRNA [XM_001055615]	10,521
Znf763	Rattus norvegicus zinc finger protein 763 (Znf763), mRNA [NM_001108063]	10,519

Hltf	Rattus norvegicus helicase-like transcription factor (Hltf), mRNA [NM_001106478]	10,518
Olr1734	Rattus norvegicus olfactory receptor 1734 (Olr1734), mRNA [NM_001001119]	10,517
Mll4	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKG0] [ENSRNOT00000046359]	10,514
Kif16b	Rattus norvegicus kinesin family member 16B (Kif16b), mRNA [NM_001107783]	10,512
Caprin1	Rattus norvegicus cell cycle associated protein 1 (Caprin1), mRNA [NM_001012185]	10,511
RGD1565432	Small VCP/p97-interacting protein [Source:UniProtKB/Swiss-Prot;Acc:P0C0A9] [ENSRNOT00000056024]	10,510
Vipr1	Rattus norvegicus vasoactive intestinal peptide receptor 1 (Vipr1), mRNA [NM_012685]	10,510
Rasgrp1	Rattus norvegicus RAS guanyl releasing protein 1 (calcium and DAG-regulated) (Rasgrp1), mRNA [NM_019211]	10,506
Tmem39a	Rattus norvegicus transmembrane protein 39a (Tmem39a), mRNA [NM_001013865]	10,504
0	T-cell receptor beta, variable 5.2 Gene [Source:MGI Symbol;Acc:MGI:98602] [ENSRNOT00000067917]	10,503
0	Unknown	10,503
Rapgef5	Rattus norvegicus Rap guanine nucleotide exchange factor (GEF) 5 (Rapgef5), mRNA [NM_001047915]	10,502
Acin1	Rattus norvegicus apoptotic chromatin condensation inducer 1 (Acin1), mRNA [NM_001170468]	10,500
Hopx	Rattus norvegicus HOP homeobox (Hopx), mRNA [NM_133621]	10,499
Zfp469	Rattus norvegicus zinc finger protein 469 (Zfp469), mRNA [NM_001107123]	10,495
Ssfa2	Rattus norvegicus sperm specific antigen 2 (Ssfa2), mRNA [NM_001107738]	10,495
Erh	Rattus norvegicus enhancer of rudimentary homolog (Drosophila) (Erh), mRNA [NM_001109442]	10,494
S1pr3	Cardiac sphingosine-1-phosphate specific receptor [Source:UniProtKB/TrEMBL;Acc:Q9QZG4] [ENSRNOT00000019473]	10,494
Wfs1	Rattus norvegicus Wolfram syndrome 1 homolog (human) (Wfs1), mRNA [NM_031823]	10,493
LOC314600	Rattus norvegicus similar to zinc finger protein 422, related sequence 1 (LOC314600), mRNA [NM_001126281]	10,489
Pex14	Rattus norvegicus peroxisomal biogenesis factor 14 (Pex14), mRNA [NM_172063]	10,488
Zswim3	Rattus norvegicus zinc finger, SWIM-type containing 3 (Zswim3), mRNA [NM_001107801]	10,488
0	Unknown	10,486
0	Unknown	10,486
RGD1309362	Rattus norvegicus similar to interferon-inducible GTPase (RGD1309362), mRNA [NM_001024884]	10,480
Rg9mtd2	Rattus norvegicus RNA (guanine-9-) methyltransferase domain containing 2 (Rg9mtd2), mRNA [NM_001044232]	10,479
Fbxw8	Rattus norvegicus F-box and WD repeat domain containing 8 (Fbxw8), mRNA [NM_001107145]	10,475
0	Unknown	10,474
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD85] [ENSRNOT00000017383]	10,474
0	Unknown	10,473
Sh2b1	Rattus norvegicus SH2B adaptor protein 1 (Sh2b1), transcript variant 1, mRNA [NM_134456]	10,473
0	Unknown	10,472
Atg7	Rattus norvegicus ATG7 autophagy related 7 homolog (S. cerevisiae) (Atg7), mRNA [NM_001012097]	10,471
Rnf14	Rattus norvegicus ring finger protein 14 (Rnf14), mRNA [NM_001034995]	10,469

RGD1561231	PREDICTED: Rattus norvegicus similar to MAP/microtubule affinity-regulating kinase 4 (MAP/microtubule affinity-regulating kinase like 1) (RGD1561231), mRNA [XM_225619]	10,469
Pramel7	PREDICTED: Rattus norvegicus similar to PRAMEI7 (RGD1565990), mRNA [XM_001074348]	10,468
Rpgrip1l	Rattus norvegicus Rpgrip1-like (Rpgrip1l), mRNA [NM_001107414]	10,468
Efna5	Rattus norvegicus ephrin A5 (Efna5), mRNA [NM_053903]	10,468
0	Unknown	10,466
0	Sirtuin 1 ((Silent mating type information regulation 2, homolog) 1 (S. cerevisiae) (Predicted), isoform CRA_a)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0K3] [ENSRNOT00000067413]	10,465
Olr1555	Rattus norvegicus olfactory receptor 1555 (Olr1555), mRNA [NM_001000726]	10,465
0	Rattus norvegicus hypothetical gene supported by NM_022920 (LOC360236), mRNA [XM_346394]	10,464
0	Unknown	10,464
Sfrs2	Rattus norvegicus splicing factor, arginine/serine-rich 2 (Sfrs2), mRNA [NM_001009720]	10,462
Wwp1	Rattus norvegicus WW domain containing E3 ubiquitin protein ligase 1 (Wwp1), mRNA [NM_001024757]	10,462
Rbm14	RNA binding motif protein 4 [Source:RefSeq peptide;Acc:NP_001163955] [ENSRNOT00000026621]	10,461
Icmt	Rattus norvegicus isoprenylcysteine carboxyl methyltransferase (Icmt), mRNA [NM_133310]	10,460
RGD1306924	RCG27015, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVR0] [ENSRNOT00000018460]	10,459
0	similar to RIKEN cDNA 1700001E04 (MGC116197), mRNA [Source:RefSeq DNA;Acc:NM_001025755] [ENSRNOT00000043269]	10,459
Mterfd2	Rattus norvegicus MTERF domain containing 2 (Mterfd2), mRNA [NM_001037209]	10,456
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADA8] [ENSRNOT00000012904]	10,456
Rtdr1	Rattus norvegicus rhabdoid tumor deletion region gene 1 (Rtdr1), mRNA [NM_001127557]	10,456
Bcl11b	Rattus norvegicus B-cell CLL/lymphoma 11B (zinc finger protein) (Bcl11b), mRNA [NM_001108057]	10,454
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABL4] [ENSRNOT00000060251]	10,454
Ptpn11	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 11 (Ptpn11), transcript variant 1, mRNA [NM_001177593]	10,454
Pacsin1	Rattus norvegicus protein kinase C and casein kinase substrate in neurons 1 (Pacsin1), mRNA [NM_017294]	10,453
Capza2	Rattus norvegicus capping protein (actin filament) muscle Z-line, alpha 2 (Capza2), mRNA [NM_001009180]	10,450
Glb1	Rattus norvegicus galactosidase, beta 1 (Glb1), mRNA [NM_001108192]	10,449
Jmjd8	Rattus norvegicus jumonji domain containing 8 (Jmjd8), mRNA [NM_001014116]	10,448
Trim44	Rattus norvegicus tripartite motif-containing 44 (Trim44), mRNA [NM_001013203]	10,448
LOC685994	PREDICTED: Rattus norvegicus similar to Spetex-2C protein (LOC685994), mRNA [XM_001066107]	10,447
Mettl4	Rattus norvegicus methyltransferase like 4 (Mettl4), mRNA [NM_001191814]	10,442
0	Unknown	10,442
Farp2	Rattus norvegicus FERM, RhoGEF and pleckstrin domain protein 2 (Farp2), mRNA [NM_001108233]	10,440
Ogg1	Rattus norvegicus 8-oxoguanine DNA glycosylase (Ogg1), nuclear gene encoding mitochondrial protein, mRNA [NM_030870]	10,440
Thsd7a	Rattus norvegicus thrombospondin, type I, domain containing 7A (Thsd7a), mRNA [NM_001191970]	10,439

Atf6b	Rattus norvegicus activating transcription factor 6 beta (Atf6b), mRNA [NM_001002809]	10,436
Sel1i3	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 2310045A20 (RGD1562860), mRNA [XM_341223]	10,436
Me2	Rattus norvegicus malic enzyme 2, NAD(+)-dependent, mitochondrial (Me2), nuclear gene encoding mitochondrial protein, mRNA [NM_001107376]	10,435
Fam107b	Rattus norvegicus family with sequence similarity 107, member B (Fam107b), mRNA [NM_001025034]	10,433
0	PCTK2_RAT (O35831) Serine/threonine-protein kinase PCTAIRE-2 (PCTAIRE-motif protein kinase 2) , complete [TC581304]	10,433
LOC685179	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPF5] [ENSRNOT00000061933]	10,432
0	Unknown	10,432
Cstf2	Rattus norvegicus cleavage stimulation factor, 3' pre-RNA subunit 2 (Cstf2), mRNA [NM_001131014]	10,428
Robo2	Rattus norvegicus roundabout homolog 2 (Drosophila) (Robo2), mRNA [NM_032106]	10,428
Fam116a	Rattus norvegicus family with sequence similarity 116, member A (Fam116a), mRNA [NM_001134467]	10,425
Ttc30b	Rattus norvegicus tetratricopeptide repeat domain 30B (Ttc30b), mRNA [NM_001127607]	10,423
Slc35a4	Rattus norvegicus solute carrier family 35, member A4 (Slc35a4), mRNA [NM_147140]	10,420
Dcun1d1	Rattus norvegicus DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae) (Dcun1d1), mRNA [NM_001107668]	10,417
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBC5] [ENSRNOT00000035888]	10,416
Brwd3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8C5] [ENSRNOT00000050336]	10,416
Olr1454	Rattus norvegicus olfactory receptor 1454 (Olr1454), mRNA [NM_001000020]	10,415
0	Unknown	10,413
Cbx1	PREDICTED: Rattus norvegicus chromobox homolog 1 (HP1 beta homolog Drosophila) (Cbx1), mRNA [XM_001081346]	10,412
Elovl1	Rattus norvegicus elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1 (Elovl1), mRNA [NM_001044275]	10,409
Alox12b	Rattus norvegicus arachidonate 12-lipoxygenase, 12R type (Alox12b), mRNA [NM_001039377]	10,408
Pnpla6	PREDICTED: Rattus norvegicus patatin-like phospholipase domain containing 6 (Pnpla6), mRNA [XM_001057249]	10,407
MGC93975	Rattus norvegicus similar to 2310044H10Rik protein (MGC93975), mRNA [NM_001004221]	10,406
0	Unknown	10,405
LOC498933	Rattus norvegicus LOC498933 (LOC498933), mRNA [NM_001025764]	10,404
RGD1310429	Rattus norvegicus similar to Protein Njmu-R1 (RGD1310429), mRNA [NM_001139506]	10,404
Ccdc15	PREDICTED: Rattus norvegicus coiled-coil domain containing 15 (Ccdc15), mRNA [XM_001061074]	10,402
Defb25	Rattus norvegicus defensin beta 25 (Defb25), mRNA [NM_001037516]	10,402
Kcnk12	Rattus norvegicus potassium channel, subfamily K, member 12 (Kcnk12), mRNA [NM_022292]	10,401
Rab27b	Rattus norvegicus RAB27B, member RAS oncogene family (Rab27b), mRNA [NM_053459]	10,400
0	Unknown	10,395
Murc	Rattus norvegicus muscle-related coiled-coil protein (Murc), mRNA [NM_001107931]	10,394
LOC100363412	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGD4] [ENSRNOT00000064810]	10,391
Bcan	Rattus norvegicus brevican (Bcan), transcript variant 1, mRNA [NM_001033665]	10,390

0	Rattus norvegicus similar to DNA methyltransferase 3A (LOC289651), mRNA [XM_223446]	10,390
Abhd13	Rattus norvegicus abhydrolase domain containing 13 (Abhd13), mRNA [NM_001107327]	10,389
Hsp90aa1	Rattus norvegicus heat shock protein 90, alpha (cytosolic), class A member 1 (Hsp90aa1), mRNA [NM_175761]	10,388
0	Unknown	10,386
Cmtm3	Rattus norvegicus CKLF-like MARVEL transmembrane domain containing 3 (Cmtm3), mRNA [NM_001106164]	10,386
Calu	Rattus norvegicus calumenin (Calu), transcript variant 2, mRNA [NM_001033898]	10,384
0	Rattus norvegicus similar to NHP2-like protein 1 (High mobility group-like nuclear protein 2 homolog 1) ([U4/U6.U5] tri-snRNP 15.5 kDa protein) (OTK27) (LOC298245), mRNA [XM_233180]	10,384
Defa10	Rattus norvegicus defensin alpha 10 (Defa10), mRNA [NM_001033074]	10,383
0	TCDD-inducible poly(ADP-ribose) polymerase (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMH5] [ENSRNOT00000015387]	10,383
0	FM054771 etcmhea Rattus norvegicus cDNA clone etcmheaP0020N18 5', mRNA sequence [FM054771]	10,382
Apbb1	Rattus norvegicus amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65) (Apbb1), mRNA [NM_080478]	10,379
Ap2b1	Rattus norvegicus adaptor-related protein complex 2, beta 1 subunit (Ap2b1), mRNA [NM_080583]	10,379
0	Unknown	10,376
Kdelr2	Rattus norvegicus KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2 (Kdelr2), mRNA [NM_001013122]	10,375
LOC684035	PREDICTED: Rattus norvegicus similar to arginyl aminopeptidase (aminopeptidase B)-like 1 (LOC684035), miscRNA [XR_085919]	10,374
Gtf3c1	Rattus norvegicus general transcription factor IIIC, polypeptide 1, alpha (Gtf3c1), mRNA [NM_133541]	10,373
Bmp1	Rattus norvegicus bone morphogenetic protein 1 (Bmp1), mRNA [NM_031323]	10,371
0	Unknown	10,371
Glis2	Rattus norvegicus GLIS family zinc finger 2 (Glis2), mRNA [NM_001106978]	10,369
Vdac1	Rattus norvegicus voltage-dependent anion channel 1 (Vdac1), nuclear gene encoding mitochondrial protein, mRNA [NM_031353]	10,368
Tead3	Rattus norvegicus TEA domain family member 3 (Tead3), mRNA [NM_001098216]	10,363
Lass1	Rattus norvegicus LAG1 homolog, ceramide synthase 1 (Lass1), mRNA [NM_001044230]	10,363
Cntn1	Rattus norvegicus contactin 1 (Cntn1), mRNA [NM_057118]	10,363
RGD1565947	Rattus norvegicus similar to netrin 4 (RGD1565947), mRNA [NM_001106780]	10,362
Uqcrcq	Rattus norvegicus ubiquinol-cytochrome c reductase, complex III subunit VII (Uqcrcq), nuclear gene encoding mitochondrial protein, mRNA [NM_001025134]	10,361
Fth1	Rattus norvegicus ferritin, heavy polypeptide 1 (Fth1), mRNA [NM_012848]	10,361
0	Unknown	10,361
Lkap	Rattus norvegicus limkain b1 (Lkap), mRNA [NM_133421]	10,360
Dmrct1b	PREDICTED: Rattus norvegicus DMRT-like family C1b (Dmrct1b), mRNA [XM_001055549]	10,360
Vps35	Rattus norvegicus vacuolar protein sorting 35 homolog (S. cerevisiae) (Vps35), mRNA [NM_001105718]	10,358
0	Unknown	10,352

Lrrc43	Rattus norvegicus leucine rich repeat containing 43 (Lrrc43), mRNA [NM_001170396]	10,352
0	LRRG00131 [Source:UniProtKB/TrEMBL;Acc:Q6QI77] [ENSRNOT00000051980]	10,352
Dnajb2	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 2 (Dnajb2), mRNA [NM_001109541]	10,351
RGD1307071	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A8C1] [ENSRNOT00000036527]	10,351
Smarcal1	Rattus norvegicus Swi/SNF related matrix associated, actin dependent regulator of chromatin, subfamily a-like 1 (Smarcal1), mRNA [NM_001108222]	10,350
0	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (RGD1560797), mRNA [XM_001076325]	10,350
Arsa	Rattus norvegicus arylsulfatase A (Arsa), mRNA [NM_001034933]	10,349
0	RVL7343 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV716912]	10,349
Cenpa	Rattus norvegicus centromere protein A (Cenpa), mRNA [NM_001106711]	10,346
Hbegf	Rattus norvegicus heparin-binding EGF-like growth factor (Hbegf), mRNA [NM_012945]	10,346
Creb1	Rattus norvegicus cAMP responsive element binding protein 1 (Creb1), transcript variant A, mRNA [NM_134443]	10,346
Dapk1	Rattus norvegicus death associated protein kinase 1 (Dapk1), mRNA [NM_001107335]	10,344
N6amt2	Rattus norvegicus N-6 adenine-specific DNA methyltransferase 2 (putative) (N6amt2), mRNA [NM_001134990]	10,344
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9C5] [ENSRNOT00000011365]	10,344
Rhoc	Rattus norvegicus ras homolog gene family, member C (Rhoc), mRNA [NM_001106461]	10,343
LOC690340	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d (LOC690340), mRNA [XM_001074151]	10,343
Cd82	Rattus norvegicus Cd82 molecule (Cd82), mRNA [NM_031797]	10,343
Sertad3	Rattus norvegicus SERTA domain containing 3 (Sertad3), mRNA [NM_001017513]	10,342
Scgn	Rattus norvegicus secretagogin, EF-hand calcium binding protein (Scgn), mRNA [NM_201561]	10,342
Pklr	Rattus norvegicus pyruvate kinase, liver and RBC (Pklr), nuclear gene encoding mitochondrial protein, mRNA [NM_012624]	10,342
0	RVL9296 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV718677]	10,341
0	Unknown	10,340
Atp5d	Rattus norvegicus ATP synthase, H ⁺ transporting, mitochondrial F1 complex, delta subunit (Atp5d), nuclear gene encoding mitochondrial protein, mRNA [NM_139106]	10,337
Gdpd4	PREDICTED: Rattus norvegicus glycerophosphodiester phosphodiesterase domain containing 4 (Gdpd4), mRNA [XM_001059822]	10,337
0	Unknown	10,336
Cstf1	Rattus norvegicus cleavage stimulation factor, 3' pre-RNA, subunit 1 (Cstf1), mRNA [NM_001013161]	10,335
Ril	Rattus norvegicus reversion induced LIM gene (Ril), mRNA [NM_017062]	10,335
Zmynd8	Rattus norvegicus zinc finger, MYND-type containing 8 (Zmynd8), mRNA [NM_001100838]	10,331
Kif18a	Rattus norvegicus kinesin family member 18A (Kif18a), mRNA [NM_001137642]	10,331
0	Unknown	10,330
0	Unknown	10,329
0	Unknown	10,328

Picalm	Rattus norvegicus phosphatidylinositol binding clathrin assembly protein (Picalm), mRNA [NM_053554]	10,328
Smchd1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAG8] [ENSRNOT00000019359]	10,327
Ppp1r12a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 12A (Ppp1r12a), mRNA [NM_053890]	10,327
Fech	Rattus norvegicus ferrochelatase (Fech), nuclear gene encoding mitochondrial protein, mRNA [NM_001108434]	10,326
Slc9a8	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 8 (Slc9a8), mRNA [NM_001025281]	10,324
LOC685300	AGENCOURT_17644684 NIH_MGC_237 Rattus norvegicus cDNA clone IMAGE:7115807 5', mRNA sequence [CK471043]	10,323
Pou3f3	Rattus norvegicus POU class 3 homeobox 3 (Pou3f3), mRNA [NM_138837]	10,322
Kif13a	Rattus norvegicus kinesin family member 13A (Kif13a), mRNA [NM_001107462]	10,321
0	Unknown	10,319
Bin1	Rattus norvegicus bridging integrator 1 (Bin1), mRNA [NM_053959]	10,319
Fbxo33	Rattus norvegicus F-box protein 33 (Fbxo33), mRNA [NM_001108023]	10,318
Pet112l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJF6] [ENSRNOT00000057128]	10,318
Ngfr	Rattus norvegicus nerve growth factor receptor (TNFR superfamily, member 16) (Ngfr), mRNA [NM_012610]	10,317
Bpi	Rattus norvegicus bactericidal/permeability-increasing protein (Bpi), mRNA [NM_001004079]	10,312
Rpl28	Rattus norvegicus ribosomal protein L28 (Rpl28), mRNA [NM_022697]	10,311
Cpne7	Rattus norvegicus copine VII (Cpne7), mRNA [NM_001108454]	10,311
Wsb2	Rattus norvegicus WD repeat and SOCS box-containing 2 (Wsb2), mRNA [NM_001007616]	10,311
Stk4	Rattus norvegicus serine/threonine kinase 4 (Stk4), mRNA [NM_001107800]	10,307
Tbc1d14	Rattus norvegicus TBC1 domain family, member 14 (Tbc1d14), transcript variant 1, mRNA [NM_001012152]	10,307
0	Unknown	10,306
LOC292543	Rattus norvegicus similar to solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 (LOC292543), mRNA [NM_001025639]	10,306
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A538] [ENSRNOT00000016240]	10,305
0	RNA binding motif, single stranded interacting protein Gene [Source:MGI Symbol;Acc:MGI:2444477] [ENSRNOT00000039904]	10,302
Tmem183a	Rattus norvegicus transmembrane protein 183A (Tmem183a), mRNA [NM_001013871]	10,302
Tmem174	Rattus norvegicus transmembrane protein 174 (Tmem174), mRNA [NM_001024298]	10,301
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A814] [ENSRNOT00000030906]	10,298
Vps13d	Rattus norvegicus vacuolar protein sorting 13 homolog D (S. cerevisiae) (Vps13d), mRNA [NM_001108006]	10,295
Golga3	Rattus norvegicus golgi autoantigen, golgin subfamily a, 3 (Golga3), mRNA [NM_001107847]	10,293
LOC681371	PREDICTED: Rattus norvegicus hypothetical protein LOC681371 (LOC681371), miscRNA [XR_085969]	10,292
Olr80	Rattus norvegicus olfactory receptor 80 (Olr80), mRNA [NM_001001270]	10,292
Tacc2	Rattus norvegicus transforming, acidic coiled-coil containing protein 2 (Tacc2), transcript variant 1, mRNA [NM_001004415]	10,291
0	NADH-ubiquinone oxidoreductase chain 4 [Source:UniProtKB/Swiss-Prot;Acc:P05508] [ENSRNOT00000042928]	10,291
0	GTPase KRasGTPase KRas, N-terminally processed [Source:UniProtKB/Swiss-Prot;Acc:P08644] [ENSRNOT00000012588]	10,290
Dffa	Rattus norvegicus DNA fragmentation factor, alpha subunit (Dffa), mRNA [NM_053679]	10,289

0	RNA binding motif protein 4 [Source:RefSeq peptide;Acc:NP_001163955] [ENSRNOT00000054844]	10,285
LOC498122	Rattus norvegicus similar to CG15908-PA (LOC498122), mRNA [NM_001109058]	10,285
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC293458), mRNA [XM_219295]	10,285
0	Unknown	10,284
Txlna	Rattus norvegicus taxilin alpha (Txlna), mRNA [NM_001127633]	10,284
LOC691169	PREDICTED: Rattus norvegicus hypothetical protein LOC691169 (LOC691169), mRNA [XM_001077081]	10,283
RGD1305713	Rattus norvegicus similar to RIKEN cDNA 3110040N11 (RGD1305713), mRNA [NM_001024749]	10,283
Ccdc85c	PREDICTED: Rattus norvegicus similar to CG17265-PA (LOC690965), mRNA [XM_001076332]	10,281
Cp110	Rattus norvegicus CP110 protein (Cp110), mRNA [NM_001108501]	10,280
Pik3ip1	Rattus norvegicus phosphoinositide-3-kinase interacting protein 1 (Pik3ip1), mRNA [NM_001017453]	10,279
LOC689766	Rattus norvegicus hypothetical protein LOC689766 (LOC689766), mRNA [NM_001109549]	10,272
Polh	Rattus norvegicus polymerase (DNA directed), eta (Polh), mRNA [NM_001108204]	10,271
Sema4f	Rattus norvegicus sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4F (Sema4f), mRNA [NM_019272]	10,271
Olr1196	Rattus norvegicus olfactory receptor 1196 (Olr1196), mRNA [NM_001000435]	10,270
Smc1a	Rattus norvegicus structural maintenance of chromosomes 1A (Smc1a), mRNA [NM_031683]	10,269
LOC291863	Rattus norvegicus carboxylesterase-like (LOC291863), mRNA [NM_001013889]	10,269
Arhgef4	PREDICTED: Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 4 (Arhgef4), mRNA [XM_237049]	10,268
Ccdc23	Rattus norvegicus coiled-coil domain containing 23 (Ccdc23), transcript variant 1, mRNA [NM_001038994]	10,267
Gmeb2	Rattus norvegicus glucocorticoid modulatory element binding protein 2 (Gmeb2), mRNA [NM_031803]	10,267
Slc25a28	Rattus norvegicus solute carrier family 25, member 28 (Slc25a28), mRNA [NM_001109515]	10,263
lpo11	PREDICTED: Rattus norvegicus importin 11 (lpo11), mRNA [XM_002725887]	10,263
Cstf2t	Rattus norvegicus cleavage stimulation factor, 3' pre-RNA subunit 2, tau (Cstf2t), mRNA [NM_001107586]	10,262
Gas2	Rattus norvegicus growth arrest-specific 2 (Gas2), mRNA [NM_001127504]	10,261
0	Unknown	10,259
Angptl2	Rattus norvegicus angiopoietin-like 2 (Angptl2), mRNA [NM_133569]	10,258
Tacc1	Rattus norvegicus transforming, acidic coiled-coil containing protein 1 (Tacc1), mRNA [NM_001004107]	10,258
0	E3 ubiquitin-protein ligase PDZRN3 [Source:UniProtKB/Swiss-Prot;Acc:P68907] [ENSRNOT00000008032]	10,257
0	Unknown	10,257
Shisa5	Rattus norvegicus shisa homolog 5 (Xenopus laevis) (Shisa5), mRNA [NM_001006989]	10,257
RGD1307890	Rattus norvegicus similar to C1orf25 (RGD1307890), mRNA [NM_001037192]	10,254
Ang	Rattus norvegicus angiogenin, ribonuclease, RNase A family, 5 (Ang), mRNA [NM_001012359]	10,252
Kalrn	Rattus norvegicus kalirin, RhoGEF kinase (Kalrn), mRNA [NM_032062]	10,251

0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC290634), mRNA [XM_214287]	10,251
Acss2	Rattus norvegicus acyl-CoA synthetase short-chain family member 2 (Acss2), mRNA [NM_001107793]	10,251
0	Q9ERD6_MOUSE (Q9ERD6) Ral-A exchange factor RalGPS2, partial (28%) [TC597248]	10,250
Ak2	Rattus norvegicus adenylate kinase 2 (Ak2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA [NM_001033967]	10,250
RGD1566102	PREDICTED: Rattus norvegicus RGD1566102 (RGD1566102), mRNA [XM_001056364]	10,249
0	RCG49325, isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR95] [ENSRNOT00000025495]	10,248
LOC685406	Rattus norvegicus LRRGT00062 (LOC685406), mRNA [NM_001047977]	10,248
Sdc4	Rattus norvegicus syndecan 4 (Sdc4), mRNA [NM_012649]	10,247
Myh6	Rattus norvegicus myosin, heavy chain 6, cardiac muscle, alpha (Myh6), mRNA [NM_017239]	10,246
Slc6a16	PREDICTED: Rattus norvegicus solute carrier family 6, member 16 (Slc6a16), mRNA [XM_001080708]	10,243
0	Rattus norvegicus Ac1-283 mRNA, complete cds. [AY325224]	10,243
RGD1561246	PREDICTED: Rattus norvegicus similar to put. precursor MulFN-alpha 5 (RGD1561246), mRNA [XM_001053102]	10,243
0	Unknown	10,243
Zfat	Rattus norvegicus zinc finger and AT hook domain containing (Zfat), mRNA [NM_001134957]	10,242
Cdkn1a	Rattus norvegicus cyclin-dependent kinase inhibitor 1A (Cdkn1a), mRNA [NM_080782]	10,241
Dok6	Rattus norvegicus docking protein 6 (Dok6), mRNA [NM_001191943]	10,240
Aldh3a2	Rattus norvegicus aldehyde dehydrogenase 3 family, member A2 (Aldh3a2), mRNA [NM_031731]	10,240
Ube4a	Rattus norvegicus ubiquitination factor E4A (UFD2 homolog, yeast) (Ube4a), mRNA [NM_207610]	10,240
Ptk2	Rattus norvegicus PTK2 protein tyrosine kinase 2 (Ptk2), mRNA [NM_013081]	10,240
Timm8a1	Rattus norvegicus translocase of inner mitochondrial membrane 8 homolog a1 (yeast) (Timm8a1), nuclear gene encoding mitochondrial protein, mRNA [NM_053370]	10,239
0	Q8TE64_HUMAN (Q8TE64) Pur-gamma B-form, partial (50%) [TC600362]	10,239
Galnt13	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13) (Galnt13), mRNA [NM_199106]	10,238
Spag6	Rattus norvegicus sperm associated antigen 6 (Spag6), mRNA [NM_001034960]	10,237
Lix1	Rattus norvegicus Lix1 homolog (chicken) (Lix1), mRNA [NM_001106214]	10,236
Cerk	Rattus norvegicus ceramide kinase (Cerk), mRNA [NM_001134861]	10,235
Prss8	Rattus norvegicus protease, serine, 8 (Prss8), mRNA [NM_138836]	10,234
0	Unknown	10,232
Cidea	Rattus norvegicus cell death-inducing DFFA-like effector a (Cidea), mRNA [NM_001170467]	10,231
0	Rattus norvegicus, 23 clones, strain BN/SsNHsdMCW RNOR03327639, whole genome shotgun sequence [AABR03128582]	10,231
0	Unknown	10,230
Reg3a	Rattus norvegicus regenerating islet-derived 3 alpha (Reg3a), transcript variant 1, mRNA [NM_172077]	10,227

LOC679087	PREDICTED: Rattus norvegicus similar to swan (LOC679087), mRNA [XM_001054639]	10,227
Slc22a5	Rattus norvegicus solute carrier family 22 (organic cation/carnitine transporter), member 5 (Slc22a5), mRNA [NM_019269]	10,226
Igf1r	Rattus norvegicus insulin-like growth factor 1 receptor (Igf1r), mRNA [NM_052807]	10,225
Zfyve26	Rattus norvegicus zinc finger, FYVE domain containing 26 (Zfyve26), mRNA [NM_001108038]	10,225
0	Unknown	10,225
Spop	Rattus norvegicus speckle-type POZ protein (Spop), mRNA [NM_001100496]	10,223
Otub2	Rattus norvegicus OTU domain, ubiquitin aldehyde binding 2 (Otub2), mRNA [NM_001108053]	10,223
Etf1	Rattus norvegicus eukaryotic translation termination factor 1 (Etf1), mRNA [NM_001008344]	10,221
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAC0] [ENSRNOT00000055179]	10,217
Jph2	Rattus norvegicus junctophilin 2 (Jph2), mRNA [NM_001037974]	10,216
0	KIAA1454-like protein [Source:UniProtKB/TrEMBL;Acc:Q99MF7] [ENSRNOT00000009385]	10,216
Arid2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJU0] [ENSRNOT00000006970]	10,215
Sco1	Rattus norvegicus SCO cytochrome oxidase deficient homolog 1 (yeast) (Sco1), nuclear gene encoding mitochondrial protein, mRNA [NM_001173374]	10,213
Zc3h6	Rattus norvegicus zinc finger CCCH type containing 6 (Zc3h6), mRNA [NM_001107772]	10,213
Tmem220	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6Z7] [ENSRNOT00000004516]	10,210
Pcdhb20	Rattus norvegicus protocadherin beta 20 (Pcdhb20), mRNA [NM_001109395]	10,210
Rasa1	Rattus norvegicus RAS protein activator like 1 (GAP1 like) (Rasa1), mRNA [NM_001108335]	10,208
Phf2	Rattus norvegicus putative homeodomain transcription factor 2 (Phf2), mRNA [NM_001106577]	10,208
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYR2] [ENSRNOT00000020691]	10,207
Psat1	Rattus norvegicus phosphoserine aminotransferase 1 (Psat1), mRNA [NM_198738]	10,206
Prrg1	Rattus norvegicus proline rich Gla (G-carboxyglutamic acid) 1 (Prrg1), mRNA [NM_001191888]	10,206
Mgat3	Rattus norvegicus mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase (Mgat3), mRNA [NM_019239]	10,206
Rnf125	Rattus norvegicus ring finger protein 125 (Rnf125), mRNA [NM_001108424]	10,205
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZG9] [ENSRNOT00000054682]	10,205
Epha7	Rattus norvegicus Eph receptor A7 (Epha7), mRNA [NM_134331]	10,205
Defb9	Rattus norvegicus defensin beta 9 (Defb9), mRNA [NM_001037509]	10,203
Vom1r59	Rattus norvegicus vomeronasal 1 receptor 59 (Vom1r59), mRNA [NM_001008944]	10,202
Eif6	Rattus norvegicus eukaryotic translation initiation factor 6 (Eif6), mRNA [NM_001037352]	10,202
Atad5	PREDICTED: Rattus norvegicus ATPase family, AAA domain containing 5, transcript variant 1 (Atad5), mRNA [XM_001080963]	10,201
RGD1562079	Rattus norvegicus RGD1562079 (RGD1562079), mRNA [NM_001177687]	10,200
Olr217	Rattus norvegicus olfactory receptor 217 (Olr217), mRNA [NM_001000199]	10,200
Bhmt	Rattus norvegicus betaine-homocysteine methyltransferase (Bhmt), mRNA [NM_030850]	10,199
Ccdc106	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAV8] [ENSRNOT00000021613]	10,199

Fstl3	Rattus norvegicus follistatin-like 3 (secreted glycoprotein) (Fstl3), mRNA [NM_053629]	10,198
Rbck1	Rattus norvegicus RanBP-type and C3HC4-type zinc finger containing 1 (Rbck1), mRNA [NM_021764]	10,198
Pfkl	Rattus norvegicus phosphofructokinase, liver (Pfkl), mRNA [NM_013190]	10,196
Drd2	Rattus norvegicus dopamine receptor D2 (Drd2), mRNA [NM_012547]	10,196
Flna	Rattus norvegicus filamin A, alpha (Flna), mRNA [NM_001134599]	10,195
Dmrt2	Rattus norvegicus doublesex and mab-3 related transcription factor 2 (Dmrt2), mRNA [NM_001107597]	10,191
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC311475), mRNA [XM_230709]	10,189
0	Unknown	10,187
Kcnj9	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 9 (Kcnj9), mRNA [NM_053834]	10,187
LOC501308	PREDICTED: Rattus norvegicus hypothetical gene supported by BC059164 (LOC501308), mRNA [XM_576721]	10,187
Tmem132c	PREDICTED: Rattus norvegicus transmembrane protein 132C (Tmem132c), mRNA [XM_002724836]	10,183
Trpm8	Rattus norvegicus transient receptor potential cation channel, subfamily M, member 8 (Trpm8), mRNA [NM_134371]	10,182
Peg12	Rattus norvegicus paternally expressed 12 (Peg12), mRNA [NM_001170562]	10,182
Oscar	Rattus norvegicus osteoclast associated, immunoglobulin-like receptor (Oscar), mRNA [NM_001184973]	10,182
RGD1307749	Rattus norvegicus similar to RIKEN cDNA 1600013K19 (RGD1307749), mRNA [NM_001106759]	10,181
RGD1565616	Rattus norvegicus RGD1565616 (RGD1565616), mRNA [NM_001109206]	10,180
Glce	PREDICTED: Rattus norvegicus glucuronic acid epimerase (Glce), mRNA [XM_343404]	10,180
0	Glutamate receptor subunit GluR1 [Source:UniProtKB/TrEMBL;Acc:Q924I5] [ENSRNOT00000003279]	10,180
Fam38b	PREDICTED: Rattus norvegicus similar to CG8486-PA, isoform A (LOC682889), mRNA [XM_001063568]	10,179
Ccdc115	Rattus norvegicus coiled-coil domain containing 115 (Ccdc115), mRNA [NM_001108793]	10,179
Erlin2	Rattus norvegicus ER lipid raft associated 2 (Erlin2), mRNA [NM_001106088]	10,178
Tmem127	Rattus norvegicus transmembrane protein 127 (Tmem127), mRNA [NM_001100978]	10,178
Prpf4	Rattus norvegicus PRP4 pre-mRNA processing factor 4 homolog (yeast) (Prpf4), mRNA [NM_001106659]	10,178
Bcl2	Rattus norvegicus B-cell CLL/lymphoma 2 (Bcl2), nuclear gene encoding mitochondrial protein, mRNA [NM_016993]	10,177
Chuk	Rattus norvegicus conserved helix-loop-helix ubiquitous kinase (Chuk), mRNA [NM_001107588]	10,177
L2hgdh	Rattus norvegicus L-2-hydroxyglutarate dehydrogenase (L2hgdh), nuclear gene encoding mitochondrial protein, mRNA [NM_001108028]	10,177
0	Q448P6_SOLUS (Q448P6) Protein kinase precursor, partial (3%) [TC606896]	10,175
0	Unknown	10,172
0	Unknown	10,171
0	Unknown	10,171
0	Unknown	10,167
Fam101a	Rattus norvegicus family with sequence similarity 101, member A (Fam101a), mRNA [NM_001109547]	10,166
0	Rattus norvegicus similar to ribosomal protein L23a (LOC297884), mRNA [XM_232762]	10,166

Sh3tc2	Sh3tc2 protein [Source:UniProtKB/TrEMBL;Acc:Q5EB84] [ENSRNOT00000026174]	10,165
Ndr3	Rattus norvegicus N-myc downstream regulated gene 3 (Ndr3), mRNA [NM_001013923]	10,165
0	RNCAI18 carbonic anhydrase II {Rattus norvegicus} (exp=-1; wgp=0; cg=0), partial (32%) [TC633165]	10,164
Nod1	Rattus norvegicus nucleotide-binding oligomerization domain containing 1 (Nod1), mRNA [NM_001109236]	10,164
Hadh	Rattus norvegicus hydroxyacyl-Coenzyme A dehydrogenase (Hadh), nuclear gene encoding mitochondrial protein, mRNA [NM_057186]	10,163
Vwa5b2	Rattus norvegicus von Willebrand factor A domain containing 5B2 (Vwa5b2), mRNA [NM_001134535]	10,163
LOC367117	Rattus norvegicus similar to RIKEN cDNA 2900055D03 (LOC367117), mRNA [NM_001047919]	10,163
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D4A3W5] [ENSRNOT00000036706]	10,162
40787	Rattus norvegicus septin 11 (Sept11), mRNA [NM_001107208]	10,162
Rcn1	Rattus norvegicus reticulocalbin 1, EF-hand calcium binding domain (Rcn1), mRNA [NM_001108586]	10,161
0	Unknown	10,161
Ext2	Rattus norvegicus exostoses (multiple) 2 (Ext2), mRNA [NM_001107751]	10,161
0	Unknown	10,160
Mllt3	Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3 (Mllt3), mRNA [NM_053718]	10,159
Nup43	Rattus norvegicus nucleoporin 43 (Nup43), mRNA [NM_001128191]	10,156
LOC303448	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC303448), mRNA [NM_001037190]	10,153
Srrp	Rattus norvegicus serine-arginine repressor protein (Srrp), mRNA [NM_001135711]	10,152
Gylt1b	Rattus norvegicus glycosyltransferase-like 1B (Gylt1b), mRNA [NM_199107]	10,150
Pdzd8	Rattus norvegicus PDZ domain containing 8 (Pdzd8), mRNA [NM_001107446]	10,148
Pphln1	Rattus norvegicus periphilin 1 (Pphln1), mRNA [NM_001108992]	10,147
Eif5	Rattus norvegicus eukaryotic translation initiation factor 5 (Eif5), mRNA [NM_020075]	10,147
Rxra	Rattus norvegicus retinoid X receptor alpha (Rxra), mRNA [NM_012805]	10,143
0	Q43UY0_SOLUS (Q43UY0) Virulence factor MVIN-like, partial (4%) [TC643072]	10,143
Nlk	Rattus norvegicus nemo like kinase (Nlk), mRNA [NM_001191924]	10,142
Ces5a	Rattus norvegicus carboxylesterase 5A (Ces5a), mRNA [NM_001012056]	10,142
Enoph1	Rattus norvegicus enolase-phosphatase 1 (Enoph1), mRNA [NM_001009391]	10,141
RGD1560873	PREDICTED: Rattus norvegicus similar to RIKEN cDNA E230015L20 gene (RGD1560873), miscRNA [XR_085636]	10,140
Dnajc6	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 6 (Dnajc6), mRNA [NM_001107949]	10,139
0	Unknown	10,138
Bst2	Rattus norvegicus bone marrow stromal cell antigen 2 (Bst2), mRNA [NM_198134]	10,136
Nrip1	Rattus norvegicus nuclear receptor interacting protein 1 (Nrip1), mRNA [NM_001100560]	10,135
0	Unknown	10,134
Arid4a	Rattus norvegicus AT rich interactive domain 4A (Rbp1 like) (Arid4a), mRNA [NM_001108029]	10,133
0	Unknown	10,132

Rad9b	Rattus norvegicus RAD9 homolog B (<i>S. cerevisiae</i>) (Rad9b), mRNA [NM_001030042]	10,132
0	Unknown	10,130
Tsc22d1	Rattus norvegicus TSC22 domain family, member 1 (Tsc22d1), transcript variant 2, mRNA [NM_013043]	10,130
Zbtb5	Rattus norvegicus zinc finger and BTB domain containing 5 (Zbtb5), mRNA [NM_001106657]	10,129
0	Unknown	10,127
Mocs2	Rattus norvegicus molybdenum cofactor synthesis 2 (Mocs2), transcript variant 2, mRNA [NM_001007633]	10,127
Rab18	Rattus norvegicus RAB18, member RAS oncogene family (Rab18), mRNA [NM_001012468]	10,123
Erf	Rattus norvegicus Ets2 repressor factor (Erf), mRNA [NM_001170335]	10,120
Ttc9b	Rattus norvegicus tetratricopeptide repeat domain 9B (Ttc9b), mRNA [NM_001108478]	10,120
0	Rattus norvegicus similar to cell division cycle associated 3; gene rich cluster, C8 gene; trigger of mitotic entry 1 (LOC316373), mRNA [XM_237105]	10,120
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRC6] [ENSRNOT00000050943]	10,117
Ppp2ca	Rattus norvegicus protein phosphatase 2, catalytic subunit, alpha isoform (Ppp2ca), mRNA [NM_017039]	10,116
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQX9] [ENSRNOT00000027019]	10,116
0	Q6TXI1_RAT (Q6TXI1) LRRGT00018, partial (5%) [TC597668]	10,114
Lce1d	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFL2] [ENSRNOT00000012464]	10,110
Sptlc2	Rattus norvegicus serine palmitoyltransferase, long chain base subunit 2 (Sptlc2), mRNA [NM_001037097]	10,109
0	Unknown	10,109
0	Exportin 7, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBB4] [ENSRNOT00000058431]	10,108
RGD1563273	Rattus norvegicus similar to hypothetical protein 9630041N07 (RGD1563273), mRNA [NM_001134600]	10,108
Dnah10	PREDICTED: Rattus norvegicus dynein, axonemal, heavy polypeptide 10 (Dnah10), mRNA [XM_001078937]	10,108
Slc41a3	Rattus norvegicus solute carrier family 41, member 3 (Slc41a3), mRNA [NM_001037492]	10,104
0	Rattus norvegicus similar to olfactory receptor MOR26-1 (LOC293253), mRNA [XM_219179]	10,104
Kif3a	Rattus norvegicus kinesin family member 3a (Kif3a), mRNA [NM_053377]	10,101
Cdh5	Rattus norvegicus cadherin 5 (Cdh5), mRNA [NM_001107407]	10,101
Grem1	Rattus norvegicus gremlin 1, cysteine knot superfamily, homolog (<i>Xenopus laevis</i>) (Grem1), mRNA [NM_019282]	10,100
0	Unknown	10,100
LOC100360315	PREDICTED: Rattus norvegicus spermatogenesis associated glutamate (E)-rich protein 4e-like (LOC100360315), mRNA [XM_002730116]	10,100
LOC685046	Rattus norvegicus hypothetical protein LOC685046 (LOC685046), mRNA [NM_001109453]	10,098
0	AW920953 EST352257 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIHK22 5' end, mRNA sequence [AW920953]	10,098
Syn2	Rattus norvegicus synapsin II (Syn2), transcript variant 2, mRNA [NM_019159]	10,097
Gstm2	Rattus norvegicus glutathione S-transferase mu 2 (Gstm2), mRNA [NM_177426]	10,097
RGD1561728	Rattus norvegicus similar to high mobility group protein (LOC307239), mRNA [XM_225740]	10,096

RGD1311186	Rattus norvegicus similar to RIKEN cDNA 1810014F10 gene (RGD1311186), mRNA [NM_001106310]	10,096
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE13] [ENSRNOT00000027984]	10,095
RGD1563564	PREDICTED: Rattus norvegicus similar to GTP-binding protein NGB (RGD1563564), mRNA [XM_002728505]	10,095
Nat11	Rattus norvegicus N-acetyltransferase 11 (Nat11), mRNA [NM_001108518]	10,094
Ephx2	Rattus norvegicus epoxide hydrolase 2, cytoplasmic (Ephx2), mRNA [NM_022936]	10,093
LOC100363350	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1D7] [ENSRNOT00000037353]	10,093
Pcdhb7	Protocadherin-T3 [Source:UniProtKB/TrEMBL;Acc:Q9JIU3] [ENSRNOT00000027188]	10,092
Cables1	Rattus norvegicus Cdk5 and Abl enzyme substrate 1 (Cables1), mRNA [NM_001107404]	10,091
Baz1b	Rattus norvegicus bromodomain adjacent to zinc finger domain, 1B (Baz1b), mRNA [NM_001191916]	10,090
38777	PREDICTED: Rattus norvegicus membrane-associated ring finger (C3HC4) 6 (March6), mRNA [XM_215517]	10,089
St18	Rattus norvegicus suppression of tumorigenicity 18 (St18), mRNA [NM_153310]	10,089
Dctn6	Rattus norvegicus dynactin 6 (Dctn6), mRNA [NM_001106085]	10,086
0	Ptpn3 protein [Source:UniProtKB/TrEMBL;Acc:Q562B7] [ENSRNOT00000015276]	10,085
LOC680813	PREDICTED: Rattus norvegicus hypothetical protein LOC680813 (LOC680813), partial mRNA [XM_001058991]	10,084
Otud4	Rattus norvegicus OTU domain containing 4 (Otud4), mRNA [NM_001191700]	10,083
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXK4] [ENSRNOT00000025560]	10,083
Lgr4	Rattus norvegicus leucine-rich repeat-containing G protein-coupled receptor 4 (Lgr4), mRNA [NM_173328]	10,083
Gabrg2	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, gamma 2 (Gabrg2), mRNA [NM_183327]	10,082
Dpcd	Rattus norvegicus deleted in primary ciliary dyskinesia (Dpcd), mRNA [NM_001013905]	10,080
Car11	Rattus norvegicus carbonic anhydrase 11 (Car11), mRNA [NM_175708]	10,080
Akap5	Rattus norvegicus A kinase (PRKA) anchor protein 5 (Akap5), mRNA [NM_133515]	10,080
Rtn4rl1	Rattus norvegicus reticulon 4 receptor-like 1 (Rtn4rl1), mRNA [NM_181377]	10,079
Glit25d1	Rattus norvegicus glycosyltransferase 25 domain containing 1 (Glit25d1), mRNA [NM_001106067]	10,078
LOC680377	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLL4] [ENSRNOT00000047918]	10,078
0	Unknown	10,078
Gypc	Rattus norvegicus glycophorin C (Gerbich blood group) (Gypc), mRNA [NM_001013233]	10,076
Hdac1	Rattus norvegicus histone deacetylase 1 (Hdac1), mRNA [NM_001025409]	10,076
Fgfr2	Rattus norvegicus fibroblast growth factor receptor 2 (Fgfr2), transcript variant a, mRNA [NM_012712]	10,074
G3bp1	Rattus norvegicus GTPase activating protein (SH3 domain) binding protein 1 (G3bp1), mRNA [NM_133565]	10,074
Skp2	Rattus norvegicus S-phase kinase-associated protein 2 (p45) (Skp2), mRNA [NM_001106416]	10,073
Ppia	Rattus norvegicus peptidylprolyl isomerase A (cyclophilin A) (Ppia), mRNA [NM_017101]	10,073
Grasp	Rattus norvegicus GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein (Grasp), mRNA [NM_138894]	10,069
Hisppd2a	Rattus norvegicus histidine acid phosphatase domain containing 2A (Hisppd2a), mRNA [NM_001080783]	10,067
0	Unknown	10,066

0	Unknown	10,059
0	Radial spokehead-like 2 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZP42] [ENSRNOT00000068451]	10,059
Ltc4s	Rattus norvegicus leukotriene C4 synthase (Ltc4s), mRNA [NM_053639]	10,057
Rnf160	Rattus norvegicus ring finger protein 160 (Rnf160), mRNA [NM_001024235]	10,057
LOC686860	PREDICTED: Rattus norvegicus similar to RT1 class I, CE15 (LOC686860), partial mRNA [XM_001076061]	10,056
Tnfrsf19	Rattus norvegicus tumor necrosis factor receptor superfamily, member 19 (Tnfrsf19), mRNA [NM_001044229]	10,054
Rsrc1	Rattus norvegicus arginine/serine-rich coiled-coil 1 (Rsrc1), mRNA [NM_001014172]	10,054
0	Unknown	10,052
0	Unknown	10,052
Park2	Rattus norvegicus Parkinson disease (autosomal recessive, juvenile) 2, parkin (Park2), mRNA [NM_020093]	10,051
RGD1305422	Rattus norvegicus similar to mKIAA0226 protein (LOC303885), mRNA [XM_221382]	10,051
Klhdc7b	PREDICTED: Rattus norvegicus kelch domain containing 7B (Klhdc7b), mRNA [XM_001055129]	10,048
Mdh1b	Rattus norvegicus malate dehydrogenase 1B, NAD (soluble) (Mdh1b), mRNA [NM_001108221]	10,045
Nrg2	Rattus norvegicus neuregulin 2 (Nrg2), mRNA [NM_001136151]	10,044
Dnajc17	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 17 (Dnajc17), mRNA [NM_001191740]	10,043
Eraf	Rattus norvegicus erythroid associated factor (Eraf), mRNA [NM_001106299]	10,040
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCX4] [ENSRNOT00000008851]	10,038
Nsun5	Rattus norvegicus NOL1/NOP2/Sun domain family, member 5 (Nsun5), mRNA [NM_001191593]	10,037
Cyp4a2	Rattus norvegicus cytochrome P450, family 4, subfamily a, polypeptide 2 (Cyp4a2), mRNA [NM_001044770]	10,036
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZW51] [ENSRNOT00000040758]	10,035
Cbx2	Rattus norvegicus chromobox homolog 2 (Pc class homolog, Drosophila) (Cbx2), mRNA [NM_001107071]	10,035
Col5a1	Rattus norvegicus collagen, type V, alpha 1 (Col5a1), mRNA [NM_134452]	10,035
Pou5f1	Rattus norvegicus POU class 5 homeobox 1 (Pou5f1), mRNA [NM_001009178]	10,035
Fcho1	Rattus norvegicus FCH domain only 1 (Fcho1), mRNA [NM_001106069]	10,034
Fbxl22	Rattus norvegicus F-box and leucine-rich repeat protein 22 (Fbxl22), mRNA [NM_001108769]	10,032
Tcte4	Rattus norvegicus t-complex-associated testis expressed 4 (Tcte4), mRNA [NM_001166303]	10,030
0	Unknown	10,029
Nkrf	PREDICTED: Rattus norvegicus NFkB repressing factor (Nkrf), mRNA [XM_233308]	10,029
LOC361990	Rattus norvegicus similar to DKFZP547E1010 protein (LOC361990), mRNA [NM_001014175]	10,028
Tbc1d2	Rattus norvegicus TBC1 domain family, member 2 (Tbc1d2), mRNA [NM_001107933]	10,028
Garnl4	Rattus norvegicus GTPase activating Rap/RanGAP domain-like 4 (Garnl4), mRNA [NM_001107019]	10,027
Eapp	Rattus norvegicus E2F-associated phosphoprotein (Eapp), transcript variant 2, mRNA [NM_001106729]	10,022
Kcnd2	Rattus norvegicus potassium voltage-gated channel, Shal-related subfamily, member 2 (Kcnd2), mRNA [NM_031730]	10,022
Otof	Otoferlin [Source:UniProtKB/Swiss-Prot;Acc:Q9ERC5] [ENSRNOT00000044278]	10,022

Ano7	Rattus norvegicus anoctamin 7 (Ano7), mRNA [NM_001004071]	10,021
Pcbp1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS68] [ENSRNOT00000023806]	10,020
0	Transcriptional regulator ATRX [Source:UniProtKB/Swiss-Prot;Acc:P70486] [ENSRNOT00000033355]	10,019
Mtmr11	Rattus norvegicus myotubularin related protein 11 (Mtmr11), mRNA [NM_001191096]	10,019
Apex1	Rattus norvegicus APEX nuclease (multifunctional DNA repair enzyme) 1 (Apex1), mRNA [NM_024148]	10,019
Palmd	Rattus norvegicus palmdelphin (Palmd), mRNA [NM_001025688]	10,019
Cd53	Rattus norvegicus Cd53 molecule (Cd53), mRNA [NM_012523]	10,018
Clrn2	Rattus norvegicus clarin 2 (Clrn2), mRNA [NM_001191097]	10,018
Nacad	Rattus norvegicus NAC alpha domain containing (Nacad), mRNA [NM_001100655]	10,014
Timm23	Rattus norvegicus translocase of inner mitochondrial membrane 23 homolog (yeast) (Timm23), nuclear gene encoding mitochondrial protein, mRNA [NM_019352]	10,014
Slc12a6	Rattus norvegicus solute carrier family 12, member 6 (Slc12a6), mRNA [NM_001109630]	10,013
LOC494538	UI-R-DA0-byo-b-03-0-UI.s1 UI-R-DA0 Rattus norvegicus cDNA clone UI-R-DA0-byo-b-03-0-UI 3', mRNA sequence [BI279486]	10,011
Clec4f	Rattus norvegicus C-type lectin domain family 4, member f (Clec4f), mRNA [NM_053753]	10,011
Pgp	Rattus norvegicus phosphoglycolate phosphatase (Pgp), mRNA [NM_001169152]	10,010
MGC116197	Rattus norvegicus similar to RIKEN cDNA 1700001E04 (MGC116197), mRNA [NM_001025755]	10,010
Ppp2r5a	Rattus norvegicus protein phosphatase 2, regulatory subunit B', alpha isoform (Ppp2r5a), mRNA [NM_001107891]	10,008
Egfl7	Rattus norvegicus EGF-like-domain, multiple 7 (Egfl7), mRNA [NM_139104]	10,007
Trak2	Rattus norvegicus trafficking protein, kinesin binding 2 (Trak2), mRNA [NM_133560]	10,005
0	interferon gamma induced GTPase [Source:RefSeq peptide;Acc:NP_001008765] [ENSRNOT00000039335]	10,004
Apbb2	Rattus norvegicus similar to Amyloid beta A4 precursor protein-binding family B member 2 (Fe65-like protein) (LOC305338), mRNA [XM_223399]	10,002
0	Unknown	10,002
Pde4d	Rattus norvegicus phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila) (Pde4d), transcript variant 5, mRNA [NM_017032]	10,000
Fnbp1l	Rattus norvegicus formin binding protein 1-like (Fnbp1l), mRNA [NM_001039609]	9,997
Tapbp	Rattus norvegicus TAP binding protein (Tapbp), mRNA [NM_033098]	9,997
0	Unknown	9,996
Car2	Rattus norvegicus carbonic anhydrase II (Car2), mRNA [NM_019291]	9,994
Cd83	Rattus norvegicus CD83 molecule (Cd83), mRNA [NM_001108410]	9,994
Grid2	Rattus norvegicus glutamate receptor, ionotropic, delta 2 (Grid2), mRNA [NM_024379]	9,994
Col4a1	Rattus norvegicus collagen, type IV, alpha 1 (Col4a1), mRNA [NM_001135009]	9,991
Zcchc3	PREDICTED: Rattus norvegicus zinc finger, CCHC domain containing 3 (Zcchc3), mRNA [XM_001072887]	9,990
0	Collagen alpha-1(XI) chain [Source:UniProtKB/Swiss-Prot;Acc:P20909] [ENSRNOT00000023693]	9,990

0	PREDICTED: Rattus norvegicus similar to TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor (RGD1562272), mRNA [XM_001081219]	9,989
Olr1738	Rattus norvegicus olfactory receptor 1738 (Olr1738), mRNA [NM_001006599]	9,988
Tgfbr3	Rattus norvegicus transforming growth factor, beta receptor III (Tgfbr3), mRNA [NM_017256]	9,986
Nsd1	Rattus norvegicus nuclear receptor binding SET domain protein 1 (Nsd1), mRNA [NM_001107337]	9,985
RT1-CE7	Rattus norvegicus RT1 class I, locus CE7 (RT1-CE7), mRNA [NM_001008845]	9,983
Esrp1	Rattus norvegicus epithelial splicing regulatory protein 1 (Esrp1), mRNA [NM_001127564]	9,983
Stam	Rattus norvegicus signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (Stam), mRNA [NM_001109121]	9,981
LOC690769	RCG51260, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIQ9] [ENSRNOT00000025716]	9,980
Ktelc1	Rattus norvegicus KTEL (Lys-Tyr-Glu-Leu) containing 1 (Ktelc1), mRNA [NM_001100652]	9,980
Nr4a2	Rattus norvegicus nuclear receptor subfamily 4, group A, member 2 (Nr4a2), mRNA [NM_019328]	9,980
Stx16	Rattus norvegicus syntaxin 16 (Stx16), mRNA [NM_001108610]	9,978
RGD1560166	PREDICTED: Rattus norvegicus similar to Probable G-protein coupled receptor 62 (hGPCR8) (RGD1560166), mRNA [XM_001073569]	9,977
Gpi	Rattus norvegicus glucose phosphate isomerase (Gpi), mRNA [NM_207592]	9,975
RGD1564535	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZL60] [ENSRNOT00000062001]	9,975
Pde3a	Rattus norvegicus phosphodiesterase 3A, cGMP inhibited (Pde3a), mRNA [NM_017337]	9,974
Hdac4	PREDICTED: Rattus norvegicus histone deacetylase 4 (Hdac4), mRNA [XM_001067733]	9,974
0	PREDICTED: Rattus norvegicus similar to transglutaminase 7 (LOC691932), mRNA [XM_001080162]	9,972
Ercc8	Rattus norvegicus excision repair cross-complementing rodent repair deficiency, complementation group 8 (Ercc8), mRNA [NM_001107650]	9,972
0	Unknown	9,970
Cdh20	Rattus norvegicus cadherin 20 (Cdh20), mRNA [NM_001012748]	9,970
LOC500035	Rattus norvegicus hypothetical protein LOC500035 (LOC500035), mRNA [NM_001047955]	9,967
Ddah2	Rattus norvegicus dimethylarginine dimethylaminohydrolase 2 (Ddah2), transcript variant 1, mRNA [NM_212532]	9,967
0	AHR_RAT (P41738) Aryl hydrocarbon receptor precursor (Ah receptor) (AhR), complete [TC573854]	9,964
Dcaf8	Rattus norvegicus DDB1 and CUL4 associated factor 8 (Dcaf8), mRNA [NM_001014231]	9,963
Ccdc43	Rattus norvegicus coiled-coil domain containing 43 (Ccdc43), mRNA [NM_001100728]	9,962
RT1-N3	Rattus norvegicus RT1 class Ib, locus N3 (RT1-N3), mRNA [NM_001008855]	9,961
Sntg1	Rattus norvegicus syntrophin, gamma 1 (Sntg1), mRNA [NM_001191981]	9,957
0	RCG46688, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRP0] [ENSRNOT00000039466]	9,957
Grik2	Rattus norvegicus glutamate receptor, ionotropic, kainate 2 (Grik2), mRNA [NM_019309]	9,956
0	Unknown	9,954
0	Rattus norvegicus similar to 14-3-3 PROTEIN TAU (14-3-3 PROTEIN THETA) (LOC316483), mRNA [XM_237259]	9,952
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKL6] [ENSRNOT00000044160]	9,951
LOC691561	PREDICTED: Rattus norvegicus hypothetical protein LOC691561 (LOC691561), mRNA [XM_001078835]	9,950

0	Rattus norvegicus similar to putative homeobox protein (LOC294473), mRNA [XM_228242]	9,949
Bhmt2	Rattus norvegicus betaine-homocysteine methyltransferase 2 (Bhmt2), mRNA [NM_001014256]	9,943
Chrm1	Rattus norvegicus cholinergic receptor, muscarinic 1 (Chrm1), mRNA [NM_080773]	9,943
Ano10	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBU6] [ENSRNOT00000035371]	9,941
Ap3d1	Rattus norvegicus adaptor-related protein complex 3, delta 1 subunit (Ap3d1), mRNA [NM_001100719]	9,939
Ric8b	Rattus norvegicus resistance to inhibitors of cholinesterase 8 homolog B (C. elegans) (Ric8b), mRNA [NM_175598]	9,939
Enpp1	Rattus norvegicus ectonucleotide pyrophosphatase/phosphodiesterase 1 (Enpp1), mRNA [NM_053535]	9,937
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVJ1] [ENSRNOT00000068427]	9,935
Ankle2	Rattus norvegicus ankyrin repeat and LEM domain containing 2 (Ankle2), mRNA [NM_001047901]	9,935
0	Metallothionein 1 [Source:UniProtKB/TrEMBL;Acc:Q7M082] [ENSRNOT00000058957]	9,934
LOC684993	Rattus norvegicus hypothetical protein LOC684993 (LOC684993), mRNA [NM_001109451]	9,934
Trpc5	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 5 (Trpc5), mRNA [NM_080898]	9,932
Fam118b	Rattus norvegicus family with sequence similarity 118, member B (Fam118b), mRNA [NM_001025283]	9,932
Zfp46	Rattus norvegicus zinc finger protein 46 (Zfp46), mRNA [NM_001106691]	9,931
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV89] [ENSRNOT00000059958]	9,930
Gab2	Rattus norvegicus GRB2-associated binding protein 2 (Gab2), mRNA [NM_053417]	9,928
Prcc	Rattus norvegicus papillary renal cell carcinoma (translocation-associated) (Prcc), mRNA [NM_001107700]	9,926
Atp13a1	Rattus norvegicus ATPase type 13A1 (Atp13a1), mRNA [NM_001106079]	9,925
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBT9] [ENSRNOT00000020886]	9,924
Tmem135	Rattus norvegicus transmembrane protein 135 (Tmem135), mRNA [NM_001013896]	9,923
LOC498145	Rattus norvegicus similar to RIKEN cDNA 2810453I06 (LOC498145), mRNA [NM_001017485]	9,922
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000050021]	9,921
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC315534), mRNA [XM_235981]	9,919
Mrps17	Rattus norvegicus mitochondrial ribosomal protein S17 (Mrps17), nuclear gene encoding mitochondrial protein, mRNA [NM_001105923]	9,919
0	Unknown	9,917
Trim69	Rattus norvegicus tripartite motif-containing 69 (Trim69), mRNA [NM_001013160]	9,915
Car1	Rattus norvegicus carbonic anhydrase 1 (Car1), mRNA [NM_001107660]	9,914
Tsc22d1	Rattus norvegicus TSC22 domain family, member 1 (Tsc22d1), transcript variant 1, mRNA [NM_001109912]	9,912
Wfdc10	Rattus norvegicus WAP four-disulfide core domain 10 (Wfdc10), mRNA [NM_001109461]	9,911
Tns3	PREDICTED: Rattus norvegicus similar to novel protein similar to Tensin Tns (RGD1564174), mRNA [XM_002725003]	9,911
LOC683516	PREDICTED: Rattus norvegicus similar to Zinc finger X-linked protein ZXDB (LOC683516), partial mRNA [XM_001066304]	9,910
0	BC034115 Creg2 protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (34%) [TC605666]	9,910
Rab27a	Rattus norvegicus RAB27A, member RAS oncogene family (Rab27a), mRNA [NM_017317]	9,907
LOC680039	Rattus norvegicus hypothetical protein LOC680039 (LOC680039), mRNA [NM_001109388]	9,907

Pyroxd2	Rattus norvegicus pyridine nucleotide-disulphide oxidoreductase domain 2 (Pyroxd2), mRNA [NM_001004261]	9,906
Atp2a1	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1 (Atp2a1), mRNA [NM_058213]	9,906
Krt5	Rattus norvegicus keratin 5 (Krt5), mRNA [NM_183333]	9,904
Lpar3	Rattus norvegicus lysophosphatidic acid receptor 3 (Lpar3), mRNA [NM_023969]	9,902
Alms1	Rattus norvegicus Alstrom syndrome 1 homolog (human) (Alms1), mRNA [NM_001106604]	9,902
Lzts1	Rattus norvegicus leucine zipper, putative tumor suppressor 1 (Lzts1), mRNA [NM_153470]	9,901
H2afy	Rattus norvegicus H2A histone family, member Y (H2afy), mRNA [NM_017182]	9,901
0	Unknown	9,900
Snip	Rattus norvegicus SNAP25-interacting protein (Snip), mRNA [NM_019378]	9,900
0	Unknown	9,897
Atad1	Rattus norvegicus ATPase family, AAA domain containing 1 (Atad1), mRNA [NM_001035002]	9,897
Krba1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKZ3] [ENSRNOT00000043856]	9,896
RGD1311501	Rattus norvegicus similar to chromosome 9 open reading frame 7 (RGD1311501), mRNA [NM_001106561]	9,895
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC290902), mRNA [XM_225042]	9,895
Aldh18a1	Rattus norvegicus aldehyde dehydrogenase 18 family, member A1 (Aldh18a1), nuclear gene encoding mitochondrial protein, mRNA [NM_001108524]	9,893
Tgif1	Rattus norvegicus TGFB-induced factor homeobox 1 (Tgif1), mRNA [NM_001015020]	9,891
Ly6h	Rattus norvegicus lymphocyte antigen 6 complex, locus H (Ly6h), mRNA [NM_001134839]	9,887
RGD1560978	Rattus norvegicus similar to hypothetical protein (RGD1560978), mRNA [NM_001134631]	9,885
Olr310	Rattus norvegicus olfactory receptor 310 (Olr310), mRNA [NM_001000765]	9,885
Ecsit	Rattus norvegicus ECSIT homolog (Drosophila) (Ecsit), nuclear gene encoding mitochondrial protein, mRNA [NM_001006986]	9,883
LOC688778	PREDICTED: Rattus norvegicus similar to fatty aldehyde dehydrogenase-like (LOC688778), mRNA [XM_001068253]	9,882
RGD1560137	PREDICTED: Rattus norvegicus similar to expressed sequence AU021034 (RGD1560137), miscRNA [XR_008828]	9,880
Slc9a6	PREDICTED: Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 6 (Slc9a6), mRNA [XM_001053956]	9,879
Try10	Rattus norvegicus trypsin 10 (Try10), mRNA [NM_001004097]	9,879
Tmem110	Rattus norvegicus transmembrane protein 110 (Tmem110), mRNA [NM_198774]	9,879
Slc29a2	Rattus norvegicus solute carrier family 29 (nucleoside transporters), member 2 (Slc29a2), mRNA [NM_031738]	9,878
Trappc6a	Rattus norvegicus trafficking protein particle complex 6A (Trappc6a), mRNA [NM_001109410]	9,877
Scn1a	Rattus norvegicus sodium channel, voltage-gated, type I, alpha (Scn1a), mRNA [NM_030875]	9,877
Rcctb1	Rattus norvegicus regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1 (Rcctb1), mRNA [NM_001108380]	9,876
0	LRRGT00061 [Source:UniProtKB/TrEMBL;Acc:Q6TUI3] [ENSRNOT00000050740]	9,876
Nr1h3	Rattus norvegicus nuclear receptor subfamily 1, group H, member 3 (Nr1h3), mRNA [NM_031627]	9,874
LOC689727	PREDICTED: Rattus norvegicus hypothetical protein LOC689727 (LOC689727), mRNA [XM_001071797]	9,870
LOC686591	PREDICTED: Rattus norvegicus similar to paraneoplastic antigen MA2 (LOC686591), mRNA [XM_001074878]	9,867

Znf644	Rattus norvegicus zinc finger protein 644 (Znf644), mRNA [NM_001139484]	9,866
0	Unknown	9,865
Grk4	Rattus norvegicus G protein-coupled receptor kinase 4 (Grk4), mRNA [NM_022928]	9,865
Elac1	Rattus norvegicus elaC homolog 1 (E. coli) (Elac1), mRNA [NM_001107406]	9,864
0	Unknown	9,859
Olr769	Rattus norvegicus olfactory receptor 769 (Olr769), mRNA [NM_001000371]	9,858
Akt1	Rattus norvegicus v-akt murine thymoma viral oncogene homolog 1 (Akt1), mRNA [NM_033230]	9,858
0	Rattus norvegicus similar to RIKEN cDNA 0610012D17 (LOC294368), mRNA [XM_228129]	9,857
Sectm1b	Rattus norvegicus secreted and transmembrane 1B (Sectm1b), mRNA [NM_199082]	9,857
RGD1561656	Rattus norvegicus similar to lorocrin - mouse (LOC364810), mRNA [XM_344647]	9,856
Fam169b	PREDICTED: Rattus norvegicus hypothetical protein LOC680906 (LOC680906), mRNA [XM_001059420]	9,853
Pcdhb17	PREDICTED: Rattus norvegicus protocadherin beta 17 (Pcdhb17), mRNA [XM_001065253]	9,853
Sdccag3	Rattus norvegicus serologically defined colon cancer antigen 3 (Sdccag3), mRNA [NM_001013135]	9,852
0	dual specificity phosphatase 14 [Source:RefSeq peptide;Acc:NP_001073362] [ENSRNOT00000043148]	9,851
0	Unknown	9,850
Tusc1	PREDICTED: Rattus norvegicus tumor suppressor candidate 1 (Tusc1), mRNA [XM_001060960]	9,849
0	Ral GTPase-activating protein subunit alpha-2 [Source:UniProtKB/Swiss-Prot;Acc:P86411] [ENSRNOT00000015414]	9,847
0	Unknown	9,847
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY99] [ENSRNOT00000033247]	9,847
Usp36	Rattus norvegicus ubiquitin specific peptidase 36 (Usp36), mRNA [NM_001107069]	9,847
Itga11	Rattus norvegicus integrin, alpha 11 (Itga11), mRNA [NM_001108156]	9,846
0	Unknown	9,845
Rras2	Rattus norvegicus related RAS viral (r-ras) oncogene homolog 2 (Rras2), mRNA [NM_001013434]	9,845
Stam	Rattus norvegicus signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (Stam), mRNA [NM_001109121]	9,844
Hsd12	Rattus norvegicus hydroxysteroid dehydrogenase like 2 (Hsd12), mRNA [NM_001025697]	9,840
Ctbp2	Rattus norvegicus C-terminal binding protein 2 (Ctbp2), mRNA [NM_053335]	9,838
0	LIM domain only protein 3 [Source:UniProtKB/Swiss-Prot;Acc:Q99MB5] [ENSRNOT00000010623]	9,836
Laptm4b	Rattus norvegicus lysosomal protein transmembrane 4 beta (Laptm4b), mRNA [NM_001013174]	9,833
0	PREDICTED: Rattus norvegicus similar to TDPOZ2 (RGD1562545), mRNA [XM_001061198]	9,832
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC290492), mRNA [XM_224528]	9,832
Taok1	Rattus norvegicus TAO kinase 1 (Taok1), mRNA [NM_173327]	9,831
Vwc2	Rattus norvegicus von Willebrand factor C domain containing 2 (Vwc2), mRNA [NM_001109312]	9,831
Cox4i2	Rattus norvegicus cytochrome c oxidase subunit IV isoform 2 (Cox4i2), nuclear gene encoding mitochondrial protein, mRNA [NM_053472]	9,830
0	Unknown	9,829

Hcrtr2	Rattus norvegicus hypocretin (orexin) receptor 2 (Hcrtr2), mRNA [NM_013074]	9,827
Polr2i	Rattus norvegicus polymerase (RNA) II (DNA directed) polypeptide I (Polr2i), mRNA [NM_001106244]	9,827
Sv2c	Rattus norvegicus synaptic vesicle glycoprotein 2c (Sv2c), mRNA [NM_031593]	9,827
RGD1311378	Rattus norvegicus similar to RIKEN cDNA 2010011I20 (RGD1311378), mRNA [NM_001106547]	9,825
Dynlt1	Rattus norvegicus dynein light chain Tctex-type 1 (Dynlt1), mRNA [NM_031318]	9,824
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9J4] [ENSRNOT00000048141]	9,823
Dhx57	Rattus norvegicus DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 (Dhx57), mRNA [NM_001191907]	9,822
Tspyl1	Rattus norvegicus TSPY-like 1 (Tspyl1), mRNA [NM_001013033]	9,821
0	Unknown	9,821
Errfi1	Rattus norvegicus ERBB receptor feedback inhibitor 1 (Errfi1), mRNA [NM_001014071]	9,820
0	cathepsin Q-like 2 [Source:RefSeq peptide;Acc:NP_001002813] [ENSRNOT00000045847]	9,820
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3B7] [ENSRNOT00000009262]	9,820
Scn2b	Rattus norvegicus sodium channel, voltage-gated, type II, beta (Scn2b), mRNA [NM_012877]	9,820
RGD1564036	Rattus norvegicus similar to RIKEN cDNA 3010026O09 (RGD1564036), mRNA [NM_001109030]	9,820
Cachd1	Rattus norvegicus cache domain containing 1 (Cachd1), mRNA [NM_001191758]	9,820
Ppia	Rattus norvegicus peptidylprolyl isomerase A (cyclophilin A) (Ppia), mRNA [NM_017101]	9,820
Slc16a10	Rattus norvegicus solute carrier family 16 (monocarboxylic acid transporters), member 10 (Slc16a10), mRNA [NM_138831]	9,819
0	Q9D2U9_MOUSE (Q9D2U9) Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:1500011O09 product:HISTONE H2B, full insert sequence (Histone 3, H2ba) (Histone protein Hist3h2ba), complete [TC601505]	9,817
Slc7a6os	Rattus norvegicus solute carrier family 7, member 6 opposite strand (Slc7a6os), mRNA [NM_139328]	9,816
Hnrnpa3	Rattus norvegicus heterogeneous nuclear ribonucleoprotein A3 (Hnrnpa3), transcript variant 1, mRNA [NM_001111294]	9,816
Dnajc5	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 5 (Dnajc5), mRNA [NM_024161]	9,811
0	Unknown	9,810
MGC94915	Rattus norvegicus similar to hypothetical protein (MGC94915), mRNA [NM_001007009]	9,810
0	Unknown	9,808
Atic	Rattus norvegicus 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (Atic), mRNA [NM_031014]	9,808
0	Unknown	9,806
0	Putative uncharacterized protein RGD1560252_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3Y2] [ENSRNOT00000023411]	9,805
Prrt4	Rattus norvegicus proline-rich transmembrane protein 4 (Prrt4), mRNA [NM_001109226]	9,804
Map3k12	Rattus norvegicus mitogen activated protein kinase kinase kinase 12 (Map3k12), mRNA [NM_013055]	9,803
0	Bax inhibitor 1 [Source:UniProtKB/Swiss-Prot;Acc:P55062] [ENSRNOT00000045927]	9,802
0	Unknown	9,799
Yif1	Rattus norvegicus Yip1 interacting factor homolog (S. cerevisiae) (Yif1), mRNA [NM_172017]	9,799

Pink1	Rattus norvegicus PTEN induced putative kinase 1 (Pink1), nuclear gene encoding mitochondrial protein, mRNA [NM_001106694]	9,797
Znf608	Rattus norvegicus zinc finger protein 608 (Znf608), mRNA [NM_001107378]	9,796
RGD1561039	Rattus norvegicus similar to RIKEN cDNA 1700065I17 (RGD1561039), mRNA [NM_001109126]	9,795
Olr1468	Rattus norvegicus olfactory receptor 1468 (Olr1468), mRNA [NM_001000724]	9,795
0	Unknown	9,794
Magi2	Rattus norvegicus membrane associated guanylate kinase, WW and PDZ domain containing 2 (Magi2), mRNA [NM_053621]	9,794
RGD1308093	PREDICTED: Rattus norvegicus similar to FLJ00128 protein (RGD1308093), mRNA [XM_001075554]	9,792
Heatr3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV81] [ENSRNOT00000020793]	9,790
Kchip2	Rattus norvegicus A-type potassium channel modulatory protein 2 (Kchip2), mRNA [NM_001034005]	9,790
Pdcd6ip	Rattus norvegicus programmed cell death 6 interacting protein (Pdcd6ip), mRNA [NM_001029910]	9,790
RGD1309730	Rattus norvegicus similar to RIKEN cDNA B230118H07 (RGD1309730), mRNA [NM_001106491]	9,790
Tmem209	Rattus norvegicus transmembrane protein 209 (Tmem209), mRNA [NM_001014055]	9,789
Gabrb3	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, beta 3 (Gabrb3), mRNA [NM_017065]	9,789
Akirin2	Rattus norvegicus akirin 2 (Akirin2), mRNA [NM_001039914]	9,788
St3gal3	Rattus norvegicus ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (St3gal3), mRNA [NM_031697]	9,787
LOC685636	PREDICTED: Rattus norvegicus hypothetical protein LOC685636 (LOC685636), mRNA [XM_001064613]	9,785
Impa1	Rattus norvegicus Inositol (myo)-1(or 4)-monophosphatase 1 (Impa1), mRNA [NM_032057]	9,785
Setd2	Rattus norvegicus SET domain containing 2 (Setd2), mRNA [NM_001108189]	9,782
RGD1311783	Rattus norvegicus similar to RIKEN cDNA 2010012O05 (RGD1311783), mRNA [NM_001134509]	9,781
Fam83e	PREDICTED: Rattus norvegicus family with sequence similarity 83, member E (Fam83e), mRNA [XM_001079852]	9,779
RGD1562552	Rattus norvegicus similar to hypothetical protein LOC340061 (RGD1562552), mRNA [NM_001109122]	9,779
Fanca	Rattus norvegicus Fanconi anemia, complementation group A (Fanca), mRNA [NM_001108455]	9,779
Cdc37	Rattus norvegicus cell division cycle 37 homolog (<i>S. cerevisiae</i>) (Cdc37), mRNA [NM_053743]	9,777
Lrrc7	Rattus norvegicus leucine rich repeat containing 7 (Lrrc7), mRNA [NM_057142]	9,776
0	Unknown	9,774
lars	Rattus norvegicus isoleucyl-tRNA synthetase (lars), mRNA [NM_001100572]	9,773
Atg5	Rattus norvegicus ATG5 autophagy related 5 homolog (<i>S. cerevisiae</i>) (Atg5), mRNA [NM_001014250]	9,769
Crygf	Rattus norvegicus crystallin, gamma F (Crygf), mRNA [NM_001109557]	9,769
Shc4	Rattus norvegicus SHC (Src homology 2 domain containing) family, member 4 (Shc4), mRNA [NM_001191065]	9,766
Chac2	Rattus norvegicus ChaC, cation transport regulator homolog 2 (<i>E. coli</i>) (Chac2), mRNA [NM_001025016]	9,764
Asns	Rattus norvegicus asparagine synthetase (Asns), mRNA [NM_013079]	9,763
Stat5a	Rattus norvegicus signal transducer and activator of transcription 5A (Stat5a), mRNA [NM_017064]	9,761
0	Rattus norvegicus TL0AEA9YC09 mRNA sequence. [FQ230424]	9,758
Fgf17	Rattus norvegicus fibroblast growth factor 17 (Fgf17), mRNA [NM_019198]	9,758

Olr875	Rattus norvegicus olfactory receptor 875 (Olr875), mRNA [NM_001000054]	9,757
Cog3	Rattus norvegicus component of oligomeric golgi complex 3 (Cog3), mRNA [NM_001012157]	9,756
0	transcription factor Spi-C [Source:RefSeq peptide;Acc:NP_001101550] [ENSRNOT00000007542]	9,755
RGD1562024	Rattus norvegicus RGD1562024 (RGD1562024), mRNA [NM_001113788]	9,753
Etfdh	Rattus norvegicus electron-transferring-flavoprotein dehydrogenase (Etfdh), nuclear gene encoding mitochondrial protein, mRNA [NM_198742]	9,753
LOC100125362	Rattus norvegicus hypothetical protein LOC100125362 (LOC100125362), mRNA [NM_001103354]	9,752
Crcp	Rattus norvegicus CGRP receptor component (Crcp), mRNA [NM_053670]	9,751
Pars2	Rattus norvegicus prolyl-tRNA synthetase 2, mitochondrial (putative) (Pars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001014064]	9,751
Ptpro	Rattus norvegicus protein tyrosine phosphatase, receptor type, O (Ptpro), mRNA [NM_017336]	9,751
LOC502371	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S21 (LOC502371), mRNA [XM_001053958]	9,751
Shq1	Rattus norvegicus SHQ1 homolog (S. cerevisiae) (Shq1), mRNA [NM_001134713]	9,749
Ampd1	Rattus norvegicus adenosine monophosphate deaminase 1 (isoform M) (Ampd1), mRNA [NM_138876]	9,749
Cdc34	Rattus norvegicus cell division cycle 34 homolog (S. cerevisiae) (Cdc34), mRNA [NM_001013103]	9,749
Fndc3a	Rattus norvegicus fibronectin type III domain containing 3a (Fndc3a), mRNA [NM_001107278]	9,749
Rnf41	Rattus norvegicus ring finger protein 41 (Rnf41), mRNA [NM_001012195]	9,747
Impad1	Rattus norvegicus inositol monophosphatase domain containing 1 (Impad1), mRNA [NM_001008772]	9,745
0	Unknown	9,744
Slc25a16	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, Graves disease autoantigen), member 16 (Slc25a16), nuclear gene encoding mitochondrial protein, mRNA [NM_001100860]	9,743
Fgr	Rattus norvegicus Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (Fgr), mRNA [NM_024145]	9,743
Ensa	Rattus norvegicus endosulfine alpha (Ensa), transcript variant 1, mRNA [NM_001033974]	9,742
Golga7b	PREDICTED: Rattus norvegicus golgi autoantigen, golgin subfamily a, 7B (Golga7b), mRNA [XM_001055463]	9,742
0	Q7VBZ4_PROMA (Q7VBZ4) Diaminopimelate epimerase, partial (5%) [TC594147]	9,741
0	Unknown	9,739
LOC314942	PREDICTED: Rattus norvegicus similar to CUB and Sushi multiple domains 3 isoform 1, transcript variant 4 (LOC314942), mRNA [XM_001063221]	9,738
Hddc2	Rattus norvegicus HD domain containing 2 (Hddc2), mRNA [NM_001108460]	9,738
Tex19	Rattus norvegicus testis expressed 19 (Tex19), mRNA [NM_001109622]	9,736
Xrn1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABN8] [ENSRNOT00000014481]	9,735
LOC687057	PREDICTED: Rattus norvegicus similar to Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin) (LOC687057), mRNA [XM_001076906]	9,730
Ankrd6	Rattus norvegicus ankyrin repeat domain 6 (Ankrd6), mRNA [NM_001134969]	9,730
Inpp1	Rattus norvegicus inositol polyphosphate phosphatase-like 1 (Inpp1), mRNA [NM_022944]	9,727
Mmp28	Rattus norvegicus matrix metalloproteinase 28 (Mmp28), mRNA [NM_001079888]	9,725

Prkrir	Rattus norvegicus protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor) (Prkrir), mRNA [NM_001191630]	9,724
0	Rattus norvegicus similar to necdin (LOC292493), mRNA [XM_218132]	9,724
Dgkb	Rattus norvegicus diacylglycerol kinase, beta (Dgkb), mRNA [NM_019304]	9,723
LOC298018	RCG31985Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE08] [ENSRNOT00000014053]	9,723
0	Unknown	9,723
Gjb4	Rattus norvegicus gap junction protein, beta 4 (Gjb4), mRNA [NM_053984]	9,721
Zfp827	PREDICTED: Rattus norvegicus similar to hypothetical protein (RGD1560620), mRNA [XM_001074445]	9,720
Zmat3	Rattus norvegicus zinc finger, matrin type 3 (Zmat3), mRNA [NM_022548]	9,718
Tmem184c	Rattus norvegicus transmembrane protein 184C (Tmem184c), mRNA [NM_178330]	9,717
0	RCG43751Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKG1] [ENSRNOT00000044594]	9,715
0	Rattus norvegicus similar to cytoplasmic beta-actin (LOC298169), mRNA [XM_233107]	9,714
Dyrk2	Rattus norvegicus dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (Dyrk2), mRNA [NM_001108100]	9,713
Ikbke	Rattus norvegicus inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon (Ikbke), mRNA [NM_001108854]	9,713
Spdya	Rattus norvegicus speedy homolog A (Xenopus laevis) (Spdya), mRNA [NM_138855]	9,712
RGD1562877	AGENCOURT_31521904 NIH_MGC_238 Rattus norvegicus cDNA clone IMAGE:7456091 5', mRNA sequence [CV103892]	9,711
Nrbp	Rattus norvegicus nuclear receptor binding protein (Nrbp), mRNA [NM_001034997]	9,711
Mcpt8	Rattus norvegicus mast cell protease 8 (Mcpt8), mRNA [NM_021598]	9,711
Tmem163	Rattus norvegicus transmembrane protein 163 (Tmem163), mRNA [NM_001110763]	9,710
Agxt2l2	Rattus norvegicus alanine-glyoxylate aminotransferase 2-like 2 (Agxt2l2), mRNA [NM_001128196]	9,709
Hs6st3	PREDICTED: Rattus norvegicus heparan sulfate 6-O-sulfotransferase 3 (Hs6st3), mRNA [XM_344461]	9,708
Nxph1	Rattus norvegicus neurexophilin 1 (Nxph1), mRNA [NM_012994]	9,700
Retnlg	Rattus norvegicus resistin-like gamma (Retnlg), mRNA [NM_181625]	9,697
Elavl3	Rattus norvegicus ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C) (Elavl3), mRNA [NM_172324]	9,697
Sntb1	Rattus norvegicus syntrophin, beta 1 (Sntb1), mRNA [NM_001130542]	9,697
Atg10	Rattus norvegicus autophagy-related 10 (S. cerevisiae) (Atg10), mRNA [NM_001109505]	9,696
Cog1	Rattus norvegicus component of oligomeric golgi complex 1 (Cog1), mRNA [NM_001107062]	9,695
Stk3	Rattus norvegicus serine/threonine kinase 3 (STE20 homolog, yeast) (Stk3), mRNA [NM_031735]	9,693
Gmgs	Rattus norvegicus GDP-mannose 4, 6-dehydratase (Gmgs), mRNA [NM_001039606]	9,692
Selt	Rattus norvegicus selenoprotein T (Selt), mRNA [NM_001014253]	9,691
0	IQ domain-containing protein D [Source:UniProtKB/Swiss-Prot;Acc:Q5XIR6] [ENSRNOT00000063923]	9,690
Cacna1b	Rattus norvegicus calcium channel, voltage-dependent, N type, alpha 1B subunit (Cacna1b), transcript variant 2, mRNA [NM_147141]	9,690
Ptges	Rattus norvegicus prostaglandin E synthase (Ptges), mRNA [NM_021583]	9,687
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACF9] [ENSRNOT00000036989]	9,686

RGD1562657	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVB0] [ENSRNOT00000036185]	9,686
Adam10	PREDICTED: Rattus norvegicus ADAM metallopeptidase domain 10 (Adam10), mRNA [XM_001054737]	9,684
RGD1311344	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 2810039F03 (RGD1311344), miscRNA [XR_007345]	9,684
Mis12	Rattus norvegicus MIS12, MIND kinetochore complex component, homolog (S. pombe) (Mis12), mRNA [NM_001047972]	9,681
0	Unknown	9,681
Ifitm2	Rattus norvegicus interferon induced transmembrane protein 2 (Ifitm2), mRNA [NM_030833]	9,679
LOC307974	Rattus norvegicus similar to dJ1016N21.1 (novel protein (ortholog of Drosophila Pecanex (PCX), similar to KIAA0805)) (LOC307974), mRNA [XM_226603]	9,679
Cfp	Rattus norvegicus complement factor properdin (Cfp), mRNA [NM_001106757]	9,678
Smarcd3	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3 (Smarcd3), mRNA [NM_001011966]	9,677
Dock1	Rattus norvegicus dedicator of cyto-kinesis 1 (Dock1), mRNA [NM_001143858]	9,677
Csnk1d	Rattus norvegicus casein kinase 1, delta (Csnk1d), mRNA [NM_139060]	9,677
Edem2	Rattus norvegicus ER degradation enhancer, mannosidase alpha-like 2 (Edem2), mRNA [NM_001004230]	9,676
Plk5	Rattus norvegicus polo-like kinase 5 (Plk5), mRNA [NM_001170557]	9,675
0	Unknown	9,673
0	Unknown	9,672
Abp10	PREDICTED: Rattus norvegicus annexin V-binding protein ABP-10 (Abp10), mRNA [XM_001060944]	9,671
Fam81a	Rattus norvegicus family with sequence similarity 81, member A (Fam81a), mRNA [NM_001108163]	9,671
Krtap13-2	Rattus norvegicus keratin associated protein 13-2 (Krtap13-2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109325]	9,671
LOC499749	Rattus norvegicus similar to RIKEN cDNA C430004E15 (LOC499749), mRNA [NM_001024309]	9,670
RGD1306008	Rattus norvegicus similar to RIKEN cDNA 4930511I11 (RGD1306008), mRNA [NM_001113777]	9,668
Ublcp1	Rattus norvegicus ubiquitin-like domain containing CTD phosphatase 1 (Ublcp1), mRNA [NM_001014117]	9,666
P4ha1	Rattus norvegicus prolyl 4-hydroxylase, alpha polypeptide I (P4ha1), mRNA [NM_172062]	9,666
Vegfa	Rattus norvegicus vascular endothelial growth factor A (Vegfa), transcript variant 3, mRNA [NM_001110334]	9,665
Nxt2	Rattus norvegicus nuclear transport factor 2-like export factor 2 (Nxt2), mRNA [NM_001108120]	9,665
0	DNA-directed RNA polymerase I subunit RPA1 [Source:UniProtKB/Swiss-Prot;Acc:O54889] [ENSRNOT00000013417]	9,663
Emd	Rattus norvegicus emerlin (Emd), mRNA [NM_012948]	9,662
Tmem43	Rattus norvegicus transmembrane protein 43 (Tmem43), mRNA [NM_001007745]	9,662
Inpp5b	Rattus norvegicus inositol polyphosphate-5-phosphatase B (Inpp5b), nuclear gene encoding mitochondrial protein, mRNA [NM_001100755]	9,659
Usp11	Rattus norvegicus ubiquitin specific peptidase 11 (Usp11), mRNA [NM_001008861]	9,658
Eif2ak2	Rattus norvegicus eukaryotic translation initiation factor 2-alpha kinase 2 (Eif2ak2), mRNA [NM_019335]	9,655
Fez2	Rattus norvegicus fasciculation and elongation protein zeta 2 (zygin II) (Fez2), mRNA [NM_053600]	9,653
Lgals4	Rattus norvegicus lectin, galactoside-binding, soluble, 4 (Lgals4), mRNA [NM_012975]	9,651

RGD1564386	PREDICTED: Rattus norvegicus similar to TDPOZ3 (RGD1564386), mRNA [XM_001074961]	9,651
0	Q99MR2_MOUSE (Q99MR2) EPHB4, partial (63%) [TC591623]	9,650
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A319] [ENSRNOT00000007828]	9,648
0	Unknown	9,648
Rin1	Rattus norvegicus Ras and Rab interactor 1 (Rin1), mRNA [NM_139038]	9,645
0	SUMO-conjugating enzyme UBC9 [Source:UniProtKB/Swiss-Prot;Acc:P63281] [ENSRNOT00000024406]	9,645
Slc14a1	Rattus norvegicus solute carrier family 14 (urea transporter), member 1 (Slc14a1), mRNA [NM_019346]	9,642
Tekt4	Rattus norvegicus tektin 4 (Tekt4), mRNA [NM_001013965]	9,641
Nrip1	Rattus norvegicus nuclear receptor interacting protein 1 (Nrip1), mRNA [NM_001100560]	9,641
Tcof1	Rattus norvegicus Treacher Collins-Franceschetti syndrome 1 homolog (human) (Tcof1), mRNA [NM_001106143]	9,639
RGD1305014	Rattus norvegicus similar to RIKEN cDNA 2310057M21 (RGD1305014), mRNA [NM_001014025]	9,638
Pmp2	Rattus norvegicus peripheral myelin protein 2 (Pmp2), mRNA [NM_001109514]	9,636
Serpina11	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11 (Serpina11), transcript variant 1, mRNA [NM_001008776]	9,635
LOC288913	Rattus norvegicus similar to LEYDIG CELL TUMOR 10 KD PROTEIN (LOC288913), mRNA [NM_198728]	9,635
0	Unknown	9,633
Relt	Rattus norvegicus RELT tumor necrosis factor receptor (Relt), mRNA [NM_001108495]	9,633
Vom1r40	Rattus norvegicus vomeronasal 1 receptor 40 (Vom1r40), mRNA [NM_001008904]	9,632
0	Unknown	9,629
0	Unknown	9,628
Urb2	Rattus norvegicus URB2 ribosome biogenesis 2 homolog (S. cerevisiae) (Urb2), mRNA [NM_001135708]	9,628
Chchd8	Rattus norvegicus coiled-coil-helix-coiled-coil-helix domain containing 8 (Chchd8), mRNA [NM_001127655]	9,627
0	Unknown	9,625
Foxi2	Forkhead box protein I2 [Source:UniProtKB/Swiss-Prot;Acc:Q63248] [ENSRNOT00000025569]	9,625
Tubb3	Rattus norvegicus tubulin, beta 3 (Tubb3), mRNA [NM_139254]	9,623
Rxrb	Rattus norvegicus retinoid X receptor beta (Rxrb), mRNA [NM_206849]	9,622
Arsa	arylsulfatase A [Source:RefSeq peptide;Acc:NP_001030105] [ENSRNOT00000017783]	9,620
0	Unknown	9,620
Wdr37	Rattus norvegicus WD repeat domain 37 (Wdr37), mRNA [NM_001107362]	9,619
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZX4] [ENSRNOT00000066953]	9,619
P2ry4	Rattus norvegicus pyrimidinergic receptor P2Y, G-protein coupled, 4 (P2ry4), mRNA [NM_031680]	9,618
Lrch4	Rattus norvegicus leucine-rich repeats and calponin homology (CH) domain containing 4 (Lrch4), mRNA [NM_001127551]	9,617
0	Unknown	9,617
0	Unknown	9,615

0	Unknown	9,614
Kcmf1	Rattus norvegicus potassium channel modulatory factor 1 (Kcmf1), mRNA [NM_001128192]	9,612
0	Suppressor of Ty 5 homolog (S. cerevisiae), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSS2] [ENSRNOT00000068115]	9,612
Pdlim5	Rattus norvegicus PDZ and LIM domain 5 (Pdlim5), mRNA [NM_053326]	9,611
Wbp1	Rattus norvegicus WW domain binding protein 1 (Wbp1), mRNA [NM_001106600]	9,610
Ppapdc1b	Rattus norvegicus phosphatidic acid phosphatase type 2 domain containing 1B (Ppapdc1b), mRNA [NM_001109411]	9,610
Ube2e2	Rattus norvegicus ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast) (Ube2e2), mRNA [NM_001108371]	9,607
0	Unknown	9,606
Adra1b	Rattus norvegicus adrenergic, alpha-1B-, receptor (Adra1b), mRNA [NM_016991]	9,606
Pdzk1ip1	Rattus norvegicus PDZK1 interacting protein 1 (Pdzk1ip1), mRNA [NM_130401]	9,606
Mfap1a	Rattus norvegicus microfibillar-associated protein 1A (Mfap1a), mRNA [NM_001191964]	9,605
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2W5] [ENSRNOT00000065969]	9,604
Efha2	Rattus norvegicus EF hand domain family, member A2 (Efha2), mRNA [NM_001191892]	9,604
Scx	Rattus norvegicus scleraxis (Scx), mRNA [NM_001130508]	9,599
Slc44a1	Choline transporter-like protein 1 [Source:UniProtKB/Swiss-Prot;Acc:Q8VII6] [ENSRNOT00000024229]	9,598
Mapk8ip2	Mapk8ip2 protein [Source:UniProtKB/TrEMBL;Acc:Q3B8P9] [ENSRNOT00000055792]	9,594
Pddc1	Rattus norvegicus Parkinson disease 7 domain containing 1 (Pddc1), mRNA [NM_001107563]	9,594
Fam54b	Rattus norvegicus family with sequence similarity 54, member B (Fam54b), mRNA [NM_001013935]	9,594
Ppp1r2	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 2 (Ppp1r2), mRNA [NM_138823]	9,592
Lrrc47	Rattus norvegicus leucine rich repeat containing 47 (Lrrc47), mRNA [NM_001135666]	9,591
Mare	Rattus norvegicus alpha globin regulatory element containing gene (Mare), mRNA [NM_001034936]	9,591
Zfp748	Rattus norvegicus TL0AAA77YJ08 mRNA sequence. [FQ211879]	9,590
Actrt2	Rattus norvegicus actin-related protein T2 (Actrt2), mRNA [NM_001013937]	9,589
Plekha1	Rattus norvegicus pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1 (Plekha1), mRNA [NM_001079894]	9,588
Sipa1	Rattus norvegicus signal-induced proliferation-associated 1 (Sipa1), mRNA [NM_001004089]	9,588
Enc1	Rattus norvegicus ectodermal-neural cortex 1 (Enc1), mRNA [NM_001003401]	9,587
RGD1309102	Rattus norvegicus similar to TRS85 homolog (RGD1309102), mRNA [NM_001106160]	9,585
0	Unknown	9,583
Cnot2	Rattus norvegicus CCR4-NOT transcription complex, subunit 2 (Cnot2), mRNA [NM_001011988]	9,582
Uggt1	Rattus norvegicus UDP-glucose glycoprotein glucosyltransferase 1 (Uggt1), mRNA [NM_133596]	9,582
Pla2g5	Rattus norvegicus phospholipase A2, group V (Pla2g5), mRNA [NM_017174]	9,581
Agtr1b	Rattus norvegicus angiotensin II receptor, type 1b (Agtr1b), mRNA [NM_031009]	9,580

Diaph3	PREDICTED: Rattus norvegicus diaphanous homolog 3 (Drosophila), transcript variant 2 (Diaph3), mRNA [XM_224392]	9,579
Myh3	Rattus norvegicus myosin, heavy chain 3, skeletal muscle, embryonic (Myh3), mRNA [NM_012604]	9,579
Arsj	Rattus norvegicus arylsulfatase family, member J (Arsj), mRNA [NM_001047887]	9,579
Ppara	Rattus norvegicus peroxisome proliferator activated receptor alpha (Ppara), mRNA [NM_013196]	9,577
Camk2a	Rattus norvegicus calcium/calmodulin-dependent protein kinase II alpha (Camk2a), mRNA [NM_012920]	9,577
0	Unknown	9,574
Olr777	Rattus norvegicus olfactory receptor 777 (Olr777), mRNA [NM_001000579]	9,572
Dcaf7	Rattus norvegicus DDB1 and CUL4 associated factor 7 (Dcaf7), mRNA [NM_001107057]	9,572
Klh22	Rattus norvegicus kelch-like 22 (Drosophila) (Klh22), mRNA [NM_001107079]	9,571
Ppp1r3d	Rattus norvegicus protein phosphatase 1, regulatory subunit 3D (Ppp1r3d), mRNA [NM_001109564]	9,571
Yeats4	Rattus norvegicus YEATS domain containing 4 (Yeats4), mRNA [NM_001127527]	9,570
Nek7	Rattus norvegicus NIMA (never in mitosis gene a)-related kinase 7 (Nek7), mRNA [NM_001108346]	9,570
Kcne2	Rattus norvegicus potassium voltage-gated channel, Isk-related family, member 2 (Kcne2), mRNA [NM_133603]	9,569
Map1d	Rattus norvegicus methionine aminopeptidase 1D (Map1d), mRNA [NM_001107812]	9,566
Ttc1	Rattus norvegicus tetratricopeptide repeat domain 1 (Ttc1), mRNA [NM_001005529]	9,566
Ctdspl	Rattus norvegicus CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like (Ctdspl), mRNA [NM_001106865]	9,566
0	RCG29400Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPS3] [ENSRNOT00000060296]	9,565
Ch25h	Rattus norvegicus cholesterol 25-hydroxylase (Ch25h), mRNA [NM_001025415]	9,564
Hsd11b2	Rattus norvegicus hydroxysteroid 11-beta dehydrogenase 2 (Hsd11b2), mRNA [NM_017081]	9,564
0	Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC316188), mRNA [XM_236878]	9,562
Fam13a1	Rattus norvegicus family with sequence similarity 13, member A1 (Fam13a1), mRNA [NM_001100862]	9,562
Gatad1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHD5] [ENSRNOT00000011666]	9,561
LOC310177	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS22] [ENSRNOT00000030328]	9,561
Cisd3	Rattus norvegicus CDGSH iron sulfur domain 3 (Cisd3), mRNA [NM_001105835]	9,560
Mpp6	Rattus norvegicus membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) (Mpp6), mRNA [NM_001134982]	9,560
0	Unknown	9,559
0	Unknown	9,557
Dnal4	Rattus norvegicus dynein, axonemal, light chain 4 (Dnal4), mRNA [NM_001009666]	9,557
0	Unknown	9,556
Nr2c2	Rattus norvegicus nuclear receptor subfamily 2, group C, member 2 (Nr2c2), mRNA [NM_017323]	9,552
Zfp61	Rattus norvegicus zinc finger protein 61 (Zfp61), mRNA [NM_001017512]	9,551
Rnf25	Rattus norvegicus ring finger protein 25 (Rnf25), mRNA [NM_001012004]	9,550
Cib1	Rattus norvegicus calcium and integrin binding 1 (calmyrin) (Cib1), mRNA [NM_031145]	9,550
Cenpb	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5E3] [ENSRNOT00000002929]	9,549

Ppp1r3d	Rattus norvegicus protein phosphatase 1, regulatory subunit 3D (Ppp1r3d), mRNA [NM_001109564]	9,549
Chac1	Rattus norvegicus ChaC, cation transport regulator homolog 1 (E. coli) (Chac1), mRNA [NM_001173437]	9,548
RGD1564845	Rattus norvegicus similar to RIKEN cDNA 3830403N18 (LOC363507), mRNA [XM_343831]	9,548
0	FQ131320 Rattus norvegicus 11-12 days foetus Sprague-Dawley Rattus norvegicus cDNA clone TL0ADA22YJ10 5', mRNA sequence [FQ131320]	9,547
Kctd4	Rattus norvegicus potassium channel tetramerisation domain containing 4 (Kctd4), mRNA [NM_001109650]	9,547
Adrb2	Rattus norvegicus adrenergic, beta-2-, receptor, surface (Adrb2), mRNA [NM_012492]	9,546
Pmaip1	Rattus norvegicus phorbol-12-myristate-13-acetate-induced protein 1 (Pmaip1), mRNA [NM_001008385]	9,545
Atmin	Rattus norvegicus ATM interactor (Atmin), mRNA [NM_001191786]	9,545
Plekha1	Rattus norvegicus pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1 (Plekha1), mRNA [NM_001079894]	9,543
Tfrc	Rattus norvegicus transferrin receptor (Tfrc), mRNA [NM_022712]	9,543
Tlk2	Rattus norvegicus tousled-like kinase 2 (Tlk2), mRNA [NM_001191652]	9,542
Ubr4	Rattus norvegicus ubiquitin protein ligase E3 component n-recognin 4 (Ubr4), mRNA [NM_001039026]	9,542
Whsc2	Rattus norvegicus Wolf-Hirschhorn syndrome candidate 2 (human) (Whsc2), mRNA [NM_001008339]	9,541
Cdyl2	Rattus norvegicus chromodomain protein, Y chromosome-like 2 (Cdyl2), mRNA [NM_001106189]	9,541
RGD1311066	Rattus norvegicus similar to RIKEN cDNA 0610011L14 gene (RGD1311066), mRNA [NM_001106535]	9,541
Lrtm2	Rattus norvegicus leucine-rich repeats and transmembrane domains 2 (Lrtm2), mRNA [NM_001109430]	9,538
LOC500877	Rattus norvegicus Ab1-152 (LOC500877), mRNA [NM_001047963]	9,538
Polr3g	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide G (Polr3g), mRNA [NM_001109468]	9,538
Fgfr1	Rattus norvegicus Fibroblast growth factor receptor 1 (Fgfr1), mRNA [NM_024146]	9,535
Rpp30	Rattus norvegicus ribonuclease P/MRP 30 subunit (human) (Rpp30), mRNA [NM_001191083]	9,534
0	Unknown	9,534
Fat3	Rattus norvegicus FAT tumor suppressor homolog 3 (Drosophila) (Fat3), mRNA [NM_138544]	9,533
Ltbr	Rattus norvegicus lymphotoxin beta receptor (TNFR superfamily, member 3) (Ltbr), mRNA [NM_001008315]	9,532
Ly6g5c	Rattus norvegicus lymphocyte antigen 6 complex, locus G5C (Ly6g5c), mRNA [NM_198739]	9,531
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU94] [ENSRNOT00000059801]	9,531
Gpr85	Rattus norvegicus G protein-coupled receptor 85 (Gpr85), mRNA [NM_022254]	9,530
Mrpl50	Rattus norvegicus mitochondrial ribosomal protein L50 (Mrpl50), nuclear gene encoding mitochondrial protein, mRNA [NM_001108665]	9,529
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC297785), mRNA [XM_216321]	9,527
Brwd3	PREDICTED: Rattus norvegicus bromodomain and WD repeat domain containing 3 (Brwd3), mRNA [XM_001054667]	9,525
Cox11	Rattus norvegicus COX11 homolog, cytochrome c oxidase assembly protein (yeast) (Cox11), nuclear gene encoding mitochondrial protein, mRNA [NM_001109575]	9,525
0	Unknown	9,524
Thap4	Rattus norvegicus THAP domain containing 4 (Thap4), mRNA [NM_001005564]	9,523

Fam167a	Rattus norvegicus family with sequence similarity 167, member A (Fam167a), mRNA [NM_001109102]	9,522
Stx8	Rattus norvegicus syntaxin 8 (Stx8), mRNA [NM_031656]	9,521
Clns1a	Rattus norvegicus chloride channel, nucleotide-sensitive, 1A (Clns1a), mRNA [NM_031719]	9,521
0	Unknown	9,520
Epb4111	Rattus norvegicus erythrocyte membrane protein band 4.1-like 1 (Epb4111), transcript variant 2, mRNA [NM_021681]	9,520
Ccdc130	Rattus norvegicus coiled-coil domain containing 130 (Ccdc130), mRNA [NM_001037644]	9,520
Cdc42ep5	Rattus norvegicus CDC42 effector protein (Rho GTPase binding) 5 (Cdc42ep5), mRNA [NM_001108469]	9,518
Tmem130	Rattus norvegicus transmembrane protein 130 (Tmem130), mRNA [NM_001170399]	9,518
0	Unknown	9,517
Htr1a	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 1A (Htr1a), mRNA [NM_012585]	9,516
Fam160b1	LOC361774 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3I5] [ENSRNOT00000023247]	9,516
Chst10	Rattus norvegicus carbohydrate sulfotransferase 10 (Chst10), mRNA [NM_080397]	9,514
RGD1563351	PREDICTED: Rattus norvegicus RGD1563351 (RGD1563351), mRNA [XM_238200]	9,514
RGD1565598	PREDICTED: Rattus norvegicus similar to serine/threonine kinase (RGD1565598), mRNA [XM_001055923]	9,512
Olr206	Rattus norvegicus olfactory receptor 206 (Olr206), mRNA [NM_001000193]	9,511
0	Unknown	9,509
0	Unknown	9,509
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIS8] [ENSRNOT00000060124]	9,509
Cd16311	Rattus norvegicus CD163 molecule-like 1 (Cd16311), mRNA [NM_001106312]	9,509
Cldn10	Rattus norvegicus claudin 10 (Cldn10), mRNA [NM_001106058]	9,509
Slc22a15	Rattus norvegicus solute carrier family 22, member 15 (Slc22a15), mRNA [NM_001107707]	9,507
Slc4a10	Rattus norvegicus solute carrier family 4, sodium bicarbonate transporter, member 10 (Slc4a10), mRNA [NM_178092]	9,506
Fubp1	Rattus norvegicus far upstream element (FUSE) binding protein 1 (Fubp1), mRNA [NM_001037653]	9,506
0	Unknown	9,506
0	PREDICTED: Rattus norvegicus multiple EGF-like-domains 11 (Megf11), mRNA [XM_001078620]	9,504
Pcdha13	Rattus norvegicus protocadherin alpha 13 (Pcdha13), mRNA [NM_053934]	9,503
Kdr	Rattus norvegicus kinase insert domain receptor (Kdr), mRNA [NM_013062]	9,503
0	Unknown	9,502
Wfdc10	Rattus norvegicus WAP four-disulfide core domain 10 (Wfdc10), mRNA [NM_001109461]	9,501
RGD1559442	Rattus norvegicus similar to SET binding factor 2 (LOC691036), mRNA [NM_001134970]	9,500
Txnrd1	Rattus norvegicus thioredoxin reductase 1 (Txnrd1), mRNA [NM_031614]	9,497
Camkv	Rattus norvegicus CaM kinase-like vesicle-associated (Camkv), mRNA [NM_024000]	9,496
0	Unknown	9,496
Rpp14	Rattus norvegicus ribonuclease P 14 subunit (human) (Rpp14), transcript variant 1, mRNA [NM_001108372]	9,495

0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2F4] [ENSRNOT00000014567]	9,494
Hipk4	Rattus norvegicus homeodomain interacting protein kinase 4 (Hipk4), mRNA [NM_001024776]	9,493
Pom121l2	Rattus norvegicus POM121 membrane glycoprotein-like 2 (Pom121l2), transcript variant 1, mRNA [NM_001162930]	9,492
Dph1	Rattus norvegicus DPH1 homolog (S. cerevisiae) (Dph1), mRNA [NM_001105809]	9,491
Prss36	Rattus norvegicus protease, serine, 36 (Prss36), mRNA [NM_001011560]	9,491
Evc	Rattus norvegicus Ellis van Creveld syndrome homolog (human) (Evc), mRNA [NM_001170439]	9,490
Tes	Rattus norvegicus testis derived transcript (Tes), mRNA [NM_001039344]	9,490
Polr3a	PREDICTED: Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide A (Polr3a), partial mRNA [XM_341388]	9,489
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate-dehydrogenase (EC 1.2.1.12) (LOC314605), mRNA [XM_234875]	9,488
Atf1	Rattus norvegicus activating transcription factor 1 (Atf1), mRNA [NM_001100895]	9,488
0	Unknown	9,486
Olr752	Rattus norvegicus olfactory receptor 752 (Olr752), mRNA [NM_001000367]	9,484
Znf704	PREDICTED: Rattus norvegicus zinc finger protein 704 (Znf704), mRNA [XM_226953]	9,482
0	Unknown	9,480
Gfpt1	Rattus norvegicus glutamine fructose-6-phosphate transaminase 1 (Gfpt1), mRNA [NM_001005879]	9,480
Lrat	Rattus norvegicus lecithin-retinol acyltransferase (phosphatidylcholine-retinol-O-acyltransferase) (Lrat), mRNA [NM_022280]	9,479
Bach1	Rattus norvegicus BTB and CNC homology 1, basic leucine zipper transcription factor 1 (Bach1), mRNA [NM_001107113]	9,478
Ly6h	Rattus norvegicus lymphocyte antigen 6 complex, locus H (Ly6h), mRNA [NM_001134839]	9,478
Kif26a	Rattus norvegicus kinesin family member 26A (Kif26a), mRNA [NM_001170348]	9,477
Klhl29	Rattus norvegicus kelch-like 29 (Drosophila) (Klhl29), mRNA [NM_001106713]	9,476
RGD1303144	Rattus norvegicus HypB, AroK, ADK and rho factor domain containing protein RGD1303144 (RGD1303144), mRNA [NM_001004266]	9,474
Vps13b	Rattus norvegicus vacuolar protein sorting 13 homolog B (yeast) (Vps13b), mRNA [NM_001134886]	9,472
MGC116197	Rattus norvegicus similar to RIKEN cDNA 1700001E04 (MGC116197), mRNA [NM_001025755]	9,472
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE17] [ENSRNOT00000002068]	9,470
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC293463), mRNA [XM_219301]	9,467
Maf1	Rattus norvegicus MAF1 homolog (S. cerevisiae) (Maf1), mRNA [NM_001014085]	9,464
LOC689926	Rattus norvegicus hypothetical protein LOC689926 (LOC689926), mRNA [NM_001163002]	9,463
Pdp1	Rattus norvegicus pyruvate dehydrogenase phosphatase catalytic subunit 1 (Pdp1), nuclear gene encoding mitochondrial protein, mRNA [NM_019372]	9,461
RGD1311345	Rattus norvegicus similar to CG9752-PA (RGD1311345), mRNA [NM_001173436]	9,461
Rtn4r	Rattus norvegicus reticulon 4 receptor (Rtn4r), mRNA [NM_053613]	9,459
Bphl	Rattus norvegicus biphenyl hydrolase-like (serine hydrolase) (Bphl), mRNA [NM_001037206]	9,459
Foxp3	Rattus norvegicus forkhead box P3 (Foxp3), mRNA [NM_001108250]	9,456

0	Q52289_PSEPU (Q52289) UxpA protein, partial (5%) [TC624946]	9,455
Tal1	Rattus norvegicus T-cell acute lymphocytic leukemia 1 (Tal1), mRNA [NM_001107958]	9,455
Mln	Rattus norvegicus motilin (Mln), mRNA [NM_001110056]	9,455
Dph2	Rattus norvegicus DPH2 homolog (S. cerevisiae) (Dph2), mRNA [NM_001015007]	9,454
Pmf1	Rattus norvegicus polyamine-modulated factor 1 (Pmf1), mRNA [NM_001191568]	9,453
Apip	Rattus norvegicus APAF1 interacting protein (Apip), mRNA [NM_001106492]	9,452
Cenpk	Rattus norvegicus centromere protein K (Cenpk), mRNA [NM_001106407]	9,449
RGD1560028	Rattus norvegicus similar to RIKEN cDNA C130060K24 gene (RGD1560028), mRNA [NM_001109239]	9,449
Zbtb34	PREDICTED: Rattus norvegicus zinc finger and BTB domain containing 34 (Zbtb34), mRNA [XM_001069858]	9,448
Wdr20a	Rattus norvegicus WD repeat domain 20a (Wdr20a), mRNA [NM_001100894]	9,447
Slc4a11	Rattus norvegicus solute carrier family 4, sodium borate transporter, member 11 (Slc4a11), mRNA [NM_001107775]	9,445
0	RVL797 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [CX569749]	9,445
RGD1563748	PREDICTED: Rattus norvegicus similar to ankyrin-like protein (RGD1563748), mRNA [XM_214327]	9,445
Trim35	Rattus norvegicus tripartite motif-containing 35 (Trim35), mRNA [NM_001025142]	9,442
0	Unknown	9,441
Gtf2h5	Rattus norvegicus general transcription factor IIH, polypeptide 5 (Gtf2h5), mRNA [NM_001126088]	9,440
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACT2] [ENSRNOT00000008002]	9,438
RGD1564803	PREDICTED: Rattus norvegicus RGD1564803 (RGD1564803), mRNA [XM_579791]	9,437
Aldoc	Rattus norvegicus aldolase C, fructose-bisphosphate (Aldoc), mRNA [NM_012497]	9,436
RGD1311357	PREDICTED: Rattus norvegicus similar to A530083I02Rik protein (RGD1311357), mRNA [XM_001070093]	9,434
Pcbp3	Rattus norvegicus poly(rC) binding protein 3 (Pcbp3), mRNA [NM_001011945]	9,434
Eif4g3	Rattus norvegicus eukaryotic translation initiation factor 4 gamma, 3 (Eif4g3), mRNA [NM_001106693]	9,433
Antxr1	Rattus norvegicus anthrax toxin receptor 1 (Antxr1), mRNA [NM_001044249]	9,433
Pan3	PREDICTED: Rattus norvegicus PAN3 polyA specific ribonuclease subunit homolog (S. cerevisiae), transcript variant 2 (Pan3), mRNA [XM_346914]	9,432
Mitd1	Rattus norvegicus MIT, microtubule interacting and transport, domain containing 1 (Mitd1), mRNA [NM_001009714]	9,431
Serhl2	Rattus norvegicus serine hydrolase-like 2 (Serhl2), mRNA [NM_001130579]	9,431
Znf553	PREDICTED: Rattus norvegicus zinc finger protein 553 (Znf553), mRNA [XM_219345]	9,430
Dcaf11	Rattus norvegicus DDB1 and CUL4 associated factor 11 (Dcaf11), mRNA [NM_001009686]	9,430
Trmt6	Rattus norvegicus tRNA methyltransferase 6 homolog (S. cerevisiae) (Trmt6), mRNA [NM_001107779]	9,430
Rabggta	Rattus norvegicus Rab geranylgeranyltransferase, alpha subunit (Rabggta), mRNA [NM_031654]	9,430
0	Unknown	9,429
RGD1308470	Rattus norvegicus similar to RIKEN cDNA 4933433P14 gene (RGD1308470), mRNA [NM_001014198]	9,428
Usp47	Rattus norvegicus ubiquitin specific peptidase 47 (Usp47), mRNA [NM_001107542]	9,427

0	Rattus norvegicus TL0ACA43YD07 mRNA sequence. [FQ216390]	9,426
Rufy4	PREDICTED: Rattus norvegicus RUN and FYVE domain containing 4 (Rufy4), mRNA [XM_001056259]	9,425
0	Unknown	9,424
Mdp1	Rattus norvegicus magnesium-dependent phosphatase 1 (Mdp1), mRNA [NM_001106039]	9,422
Cyp2u1	Rattus norvegicus cytochrome P450, family 2, subfamily u, polypeptide 1 (Cyp2u1), mRNA [NM_001024779]	9,420
Oas1b	Rattus norvegicus 2-5 oligoadenylate synthetase 1B (Oas1b), mRNA [NM_144752]	9,418
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAP7] [ENSRNOT00000008901]	9,417
Kdelc2	Rattus norvegicus KDEL (Lys-Asp-Glu-Leu) containing 2 (Kdelc2), mRNA [NM_001025123]	9,417
Slc4a1	Rattus norvegicus solute carrier family 4 (anion exchanger), member 1 (Slc4a1), mRNA [NM_012651]	9,416
0	Unknown	9,412
Twist1	Rattus norvegicus twist homolog 1 (Drosophila) (Twist1), mRNA [NM_053530]	9,412
Ss18l1	Rattus norvegicus synovial sarcoma translocation gene on chromosome 18-like 1 (Ss18l1), mRNA [NM_138918]	9,412
Col23a1	Rattus norvegicus collagen, type XXIII, alpha 1 (Col23a1), mRNA [NM_181636]	9,410
LOC500974	PREDICTED: Rattus norvegicus similar to CDNA sequence BC024479 (LOC500974), miscRNA [XR_005433]	9,409
Dusp6	Rattus norvegicus dual specificity phosphatase 6 (Dusp6), mRNA [NM_053883]	9,408
0	PREDICTED: Rattus norvegicus similar to Protein KIAA0586 (LOC690035), miscRNA [XR_086273]	9,404
0	PREDICTED: Rattus norvegicus anillin, actin binding protein (Anln), mRNA [XM_001067026]	9,404
0	Unknown	9,403
0	transcription factor CP2 [Source:RefSeq peptide;Acc:NP_001128186] [ENSRNOT00000055374]	9,403
Pign	Rattus norvegicus phosphatidylinositol glycan, class N (Pign), mRNA [NM_001100584]	9,399
Pdcd7	Rattus norvegicus programmed cell death 7 (Pdcd7), mRNA [NM_001108768]	9,399
0	Unknown	9,398
Anp32e	Rattus norvegicus acidic (leucine-rich) nuclear phosphoprotein 32 family, member E (Anp32e), mRNA [NM_001013200]	9,397
0	Unknown	9,397
Cbx1	RCG35120, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3T3] [ENSRNOT00000011665]	9,397
Steap4	Rattus norvegicus STEAP family member 4 (Steap4), mRNA [NM_001044265]	9,396
LOC501222	Rattus norvegicus TL0AAA47YE23 mRNA sequence. [FQ213532]	9,393
0	Q412C4_KINRA (Q412C4) Amine oxidase, partial (3%) [TC617018]	9,390
Eif2c4	Rattus norvegicus eukaryotic translation initiation factor 2C, 4 (Eif2c4), mRNA [NM_001106686]	9,388
0	Unknown	9,388
Rshl1	Rattus norvegicus radial spokehead-like 1 (Rshl1), mRNA [NM_001024748]	9,387
0	Q6DC77_BRARE (Q6DC77) Zgc:101065, partial (7%) [TC593872]	9,387
0	Unknown	9,387
0	Unknown	9,385

0	Q2JMC8_SYNJB (Q2JMC8) TonB family protein, partial (7%) [TC596892]	9,385
0	Rattus norvegicus cDNA clone IMAGE:7300863. [BC084702]	9,384
RGD1563375	PREDICTED: Rattus norvegicus similar to small nuclear ribonucleoparticle-associated protein (RGD1563375), mRNA [XM_345546]	9,384
0	Unknown	9,384
Geft	Rattus norvegicus RhoA/RAC/CDC42 exchange factor (Geft), mRNA [NM_199395]	9,383
0	Q9VXG3_DROME (Q9VXG3) CG9968-PB, isoform B, partial (4%) [TC635273]	9,382
LOC680643	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC680643), mRNA [XM_001058120]	9,382
RGD1564541	Rattus norvegicus similar to hypothetical protein FLJ22965 (RGD1564541), mRNA [NM_001107950]	9,381
Cybas3	Rattus norvegicus cytochrome b, ascorbate dependent 3 (Cybas3), mRNA [NM_001014164]	9,380
RGD1561878	PREDICTED: Rattus norvegicus similar to mKIAA0978 protein (RGD1561878), mRNA [XM_002726270]	9,380
Doc2b	Rattus norvegicus double C2-like domains, beta (Doc2b), mRNA [NM_031142]	9,380
Stmn2	Rattus norvegicus stathmin-like 2 (Stmn2), mRNA [NM_053440]	9,379
Ubtd1	Rattus norvegicus ubiquitin domain containing 1 (Ubtd1), mRNA [NM_001013153]	9,379
Dppa3	Rattus norvegicus developmental pluripotency-associated 3 (Dppa3), mRNA [NM_001047864]	9,378
Anp32b	Rattus norvegicus acidic (leucine-rich) nuclear phosphoprotein 32 family, member B (Anp32b), mRNA [NM_131911]	9,378
Ftsjd2	Rattus norvegicus FtsJ methyltransferase domain containing 2 (Ftsjd2), mRNA [NM_001014031]	9,377
Cyp2b15	Rattus norvegicus cytochrome P450, family 2, subfamily b, polypeptide 15 (Cyp2b15), mRNA [NM_001135668]	9,372
0	Unknown	9,371
Parp16	Rattus norvegicus poly (ADP-ribose) polymerase family, member 16 (Parp16), mRNA [NM_001014093]	9,368
Gpr162	Rattus norvegicus G protein-coupled receptor 162 (Gpr162), mRNA [NM_001108646]	9,368
Alkbh8	Rattus norvegicus alkB, alkylation repair homolog 8 (E. coli) (Alkbh8), mRNA [NM_001191909]	9,367
Chst14	Rattus norvegicus carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 14 (Chst14), mRNA [NM_001109639]	9,365
0	Unknown	9,363
Slc17a6	Rattus norvegicus solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6 (Slc17a6), mRNA [NM_053427]	9,363
0	Unknown	9,362
Gja10	Rattus norvegicus gap junction protein, alpha 10 (Gja10), mRNA [NM_001173508]	9,360
0	Rattus norvegicus TL0ADA32YM01 mRNA sequence. [FQ221714]	9,360
0	PREDICTED: Rattus norvegicus similar to taube nuss (RGD1562299), mRNA [XM_234348]	9,358
Cyhr1	Rattus norvegicus cysteine and histidine rich 1 (Cyhr1), mRNA [NM_001025122]	9,358
0	Rattus norvegicus similar to T cell receptor V-alpha J-alpha (LOC290165), mRNA [XM_224125]	9,358
Mthfr	Methylenetetrahydrofolate reductase [Source:UniProtKB/TrEMBL;Acc:D4A7E8] [ENSRNOT00000011384]	9,358
LOC681224	PREDICTED: Rattus norvegicus similar to cyclin D binding myb-like transcription factor 1 (LOC681224), partial mRNA [XM_002725335]	9,356
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX94] [ENSRNOT00000013367]	9,355
Ascl2	Rattus norvegicus achaete-scute complex homolog 2 (Drosophila) (Ascl2), mRNA [NM_031503]	9,355

0	Unknown	9,355
Relt	Rattus norvegicus RELT tumor necrosis factor receptor (Relt), mRNA [NM_001108495]	9,354
LOC685796	PREDICTED: Rattus norvegicus similar to similar to RIKEN cDNA 1700001E04 (LOC685796), mRNA [XM_001065304]	9,353
Fam193b	Rattus norvegicus family with sequence similarity 193, member B (Fam193b), mRNA [NM_001170408]	9,353
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D4A6J7] [ENSRNOT00000002985]	9,351
Arfgef1	ADP-ribosylation factor guanine nucleotide-exchange factor 1(Brefeldin A-inhibited) (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A631] [ENSRNOT00000007766]	9,350
Slc25a36	PREDICTED: Rattus norvegicus solute carrier family 25, member 36 (Slc25a36), mRNA [XM_001065705]	9,349
Wars	Rattus norvegicus tryptophanyl-tRNA synthetase (Wars), mRNA [NM_001013170]	9,349
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z884] [ENSRNOT00000049147]	9,346
Rufy2	Rattus norvegicus RUN and FYVE domain containing 2 (Rufy2), mRNA [NM_001168586]	9,346
RGD1305704	Rattus norvegicus cDNA clone IMAGE:5598328, **** WARNING: chimeric clone ****. [BC168677]	9,346
Dcun1d4	Rattus norvegicus DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae) (Dcun1d4), mRNA [NM_001108359]	9,345
Smcr8	Rattus norvegicus Smith-Magenis syndrome chromosome region, candidate 8 homolog (human) (Smcr8), mRNA [NM_001191919]	9,345
0	Unknown	9,345
Nrg4	Rattus norvegicus neuregulin 4 (Nrg4), mRNA [NM_001191109]	9,343
Itgb4	Rattus norvegicus integrin, beta 4 (Itgb4), mRNA [NM_013180]	9,342
Trim47	Rattus norvegicus tripartite motif-containing 47 (Trim47), mRNA [NM_001109585]	9,341
Chat	Rattus norvegicus choline acetyltransferase (Chat), mRNA [NM_001170593]	9,341
Amigo2	Rattus norvegicus adhesion molecule with Ig like domain 2 (Amigo2), mRNA [NM_182816]	9,341
Rassf9	Rattus norvegicus Ras association (RalGDS/AF-6) domain family (N-terminal) member 9 (Rassf9), mRNA [NM_022959]	9,340
Tmcc2	PREDICTED: Rattus norvegicus transmembrane and coiled-coil domain family 2 (Tmcc2), mRNA [XM_223107]	9,339
Olr714	Rattus norvegicus olfactory receptor 714 (Olr714), mRNA [NM_001000923]	9,339
Tada3l	Rattus norvegicus transcriptional adaptor 3 (NGG1 homolog, yeast)-like (Tada3l), mRNA [NM_001025734]	9,339
Phospho1	Rattus norvegicus phosphatase, orphan 1 (Phospho1), mRNA [NM_001105833]	9,338
0	Unknown	9,338
0	Unknown	9,338
Serpinb8	Rattus norvegicus serpin peptidase inhibitor, clade B (ovalbumin), member 8 (Serpinb8), mRNA [NM_001105948]	9,337
Nelf	Rattus norvegicus nasal embryonic LHRH factor (Nelf), mRNA [NM_057190]	9,336
Lce1f	Rattus norvegicus late cornified envelope 1F (Lce1f), mRNA [NM_001109188]	9,335
0	CB545809 AMGNNUC:MRPE3-00116-C9-A placenta embryo D17 (10379) Rattus norvegicus cDNA clone mrpe3-00116-c9 5', mRNA sequence [CB545809]	9,334
Slc35e1	Rattus norvegicus solute carrier family 35, member E1 (Slc35e1), mRNA [NM_001109107]	9,334
0	Unknown	9,334

Tnfsf15	Rattus norvegicus tumor necrosis factor (ligand) superfamily, member 15 (Tnfsf15), mRNA [NM_145765]	9,333
0	Unknown	9,333
Dgcr2	Rattus norvegicus TL0AAA82YH19 mRNA sequence. [FQ211720]	9,332
Cast	Rattus norvegicus calpastatin (Cast), transcript variant 1, mRNA [NM_053295]	9,328
Fndc1	Rattus norvegicus fibronectin type III domain containing 1 (Fndc1), mRNA [NM_001038615]	9,328
ErbB2	Rattus norvegicus v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) (ErbB2), mRNA [NM_017003]	9,324
MtMr3	Rattus norvegicus myotubularin related protein 3 (MtMr3), mRNA [NM_001012038]	9,324
Wrap53	Rattus norvegicus WD repeat containing, antisense to TP53 (Wrap53), mRNA [NM_001007610]	9,324
Acox1	Rattus norvegicus acyl-Coenzyme A oxidase-like (Acox1), mRNA [NM_001106508]	9,322
Uroc1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDW1] [ENSRNOT00000038251]	9,321
Mobk13	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 3 (yeast) (Mobk13), mRNA [NM_133528]	9,319
Dlx1	Rattus norvegicus distal-less homeobox 1 (Dlx1), mRNA [NM_001100531]	9,319
Actc1	Rattus norvegicus actin, alpha, cardiac muscle 1 (Actc1), mRNA [NM_019183]	9,318
Inpp5f	Rattus norvegicus inositol polyphosphate-5-phosphatase F (Inpp5f), mRNA [NM_001107554]	9,318
Sorcs3	Rattus norvegicus sortilin-related VPS10 domain containing receptor 3 (Sorcs3), mRNA [NM_001106367]	9,317
Als2	Rattus norvegicus amyotrophic lateral sclerosis 2 (juvenile) homolog (human) (Als2), mRNA [NM_001013413]	9,316
0	Unknown	9,316
Cds2	Rattus norvegicus CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 2 (Cds2), mRNA [NM_053643]	9,315
St8sia5	Rattus norvegicus ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 5 (St8sia5), mRNA [NM_213628]	9,314
Nop10	Rattus norvegicus NOP10 ribonucleoprotein homolog (yeast) (Nop10), mRNA [NM_001126100]	9,312
Mrpl42	Rattus norvegicus mitochondrial ribosomal protein L42 (Mrpl42), nuclear gene encoding mitochondrial protein, mRNA [NM_001106782]	9,311
Cirh1a	Rattus norvegicus cirrhosis, autosomal recessive 1A (cirhin) (Cirh1a), mRNA [NM_001009640]	9,311
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIW7] [ENSRNOT00000068671]	9,311
0	RIKEN cDNA 5330417C22 gene Gene [Source:MGI Symbol;Acc:MGI:1923930] [ENSRNOT00000027493]	9,311
LOC689316	PREDICTED: Rattus norvegicus hypothetical protein LOC689316 (LOC689316), miscRNA [XR_085654]	9,311
Pcdhb22	Protocadherin-T5 [Source:UniProtKB/TrEMBL;Acc:Q9JIU0] [ENSRNOT00000027133]	9,309
Tada2b	Rattus norvegicus transcriptional adaptor 2 (ADA2 homolog, yeast)-beta (Tada2b), mRNA [NM_001170455]	9,307
Eed	Rattus norvegicus embryonic ectoderm development (Eed), mRNA [NM_001106278]	9,306
0	Unknown	9,304
Mpp5	Rattus norvegicus membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) (Mpp5), mRNA [NM_001108034]	9,304
Flvcr2	Rattus norvegicus feline leukemia virus subgroup C cellular receptor family, member 2 (Flvcr2), mRNA [NM_199109]	9,302
RGD1307983	PREDICTED: Rattus norvegicus similar to HSPC043 protein (RGD1307983), mRNA [XM_001061972]	9,299
PlekM2	Rattus norvegicus pleckstrin homology domain containing, family M (with RUN domain) member 2 (PlekM2), mRNA [NM_001191767]	9,297

Fut11	Rattus norvegicus fucosyltransferase 11 (alpha (1,3) fucosyltransferase) (Fut11), mRNA [NM_173308]	9,297
0	Rattus norvegicus similar to Peptidyl-prolyl cis-trans isomerase A (PPIase) (Rotamase) (Cyclophilin A) (Cyclosporin A-binding protein) (SP18) (LOC314776), mRNA [XM_235075]	9,296
LOC690319	PREDICTED: Rattus norvegicus similar to Alpha-1-antitrypsin-related protein precursor (LOC690319), mRNA [XM_001074075]	9,296
Ggn	Rattus norvegicus gametogenetin (Ggn), mRNA [NM_001013065]	9,296
Polr1a	Rattus norvegicus polymerase (RNA) I polypeptide A (Polr1a), mRNA [NM_031772]	9,294
Snx13	Rattus norvegicus sorting nexin 13 (Snx13), mRNA [NM_001108708]	9,293
Slc16a5	Rattus norvegicus solute carrier family 16, member 5 (monocarboxylic acid transporter 6) (Slc16a5), mRNA [NM_001109568]	9,292
Hcn2	Rattus norvegicus hyperpolarization activated cyclic nucleotide-gated potassium channel 2 (Hcn2), mRNA [NM_053684]	9,290
Rasl11b	Rattus norvegicus RAS-like family 11 member B (Rasl11b), mRNA [NM_001002830]	9,289
0	FQ076898 Rattus norvegicus brain Sprague-Dawley Rattus norvegicus cDNA 5', mRNA sequence [FQ076898]	9,288
Qpctl	Rattus norvegicus glutaminyl-peptide cyclotransferase-like (Qpctl), mRNA [NM_001106230]	9,288
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAC0] [ENSRNOT00000036112]	9,288
0	Ryanodine receptor 1 [Source:UniProtKB/TrEMBL;Acc:O35208] [ENSRNOT00000027893]	9,288
Cdk4	Rattus norvegicus cyclin-dependent kinase 4 (Cdk4), mRNA [NM_053593]	9,286
0	Unknown	9,286
0	Unknown	9,285
Pcdhga9	Rattus norvegicus protocadherin gamma subfamily A, 9 (Pcdhga9), mRNA [NM_001037158]	9,285
0	Rattus norvegicus TL0AAA57YH24 mRNA sequence. [FQ212370]	9,284
LOC501296	PREDICTED: Rattus norvegicus hypothetical gene supported by BC059164 (LOC501296), partial mRNA [XM_001081221]	9,284
LOC679383	Rattus norvegicus similar to DNA segment, Chr 5, ERATO Doi 135, expressed (LOC679383), mRNA [NM_001128287]	9,283
Kcnt2	Rattus norvegicus potassium channel, subfamily T, member 2 (Kcnt2), mRNA [NM_198762]	9,283
Zbtb43	Rattus norvegicus zinc finger and BTB domain containing 43 (Zbtb43), mRNA [NM_001012094]	9,283
Cops8	Rattus norvegicus COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis) (Cops8), mRNA [NM_001013227]	9,283
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC298960), mRNA [XM_234091]	9,282
Ammecr1l	Rattus norvegicus AMME chromosomal region gene 1-like (Ammecr1l), mRNA [NM_001107399]	9,282
Extl2	Rattus norvegicus exostoses (multiple)-like 2 (Extl2), mRNA [NM_001100704]	9,281
Unc45b	Rattus norvegicus unc-45 homolog B (C. elegans) (Unc45b), mRNA [NM_001107028]	9,280
Cdkn2a	Rattus norvegicus cyclin-dependent kinase inhibitor 2A (Cdkn2a), mRNA [NM_031550]	9,279
Nus1	Rattus norvegicus nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae) (Nus1), mRNA [NM_001164157]	9,278
Olr1385	Rattus norvegicus olfactory receptor 1385 (Olr1385), mRNA [NM_214833]	9,276
Zbtb48	Rattus norvegicus zinc finger and BTB domain containing 48 (Zbtb48), mRNA [NM_001013216]	9,276
Klhl15	Rattus norvegicus kelch-like 15 (Drosophila) (Klhl15), mRNA [NM_001108021]	9,275

Egln3	Rattus norvegicus EGL nine homolog 3 (<i>C. elegans</i>) (Egln3), mRNA [NM_019371]	9,274
Ift52	Rattus norvegicus intraflagellar transport 52 homolog (<i>Chlamydomonas</i>) (Ift52), mRNA [NM_001177685]	9,273
LOC100363421	PREDICTED: Rattus norvegicus hypothetical protein LOC100363421 (LOC100363421), mRNA [XM_002726502]	9,272
Rnf10	Rattus norvegicus ring finger protein 10 (Rnf10), mRNA [NM_001011904]	9,272
Cldn1	Rattus norvegicus claudin 1 (Cldn1), mRNA [NM_031699]	9,271
Nxph4	Rattus norvegicus neurexophilin 4 (Nxph4), mRNA [NM_021680]	9,270
Lemd2	Rattus norvegicus LEM domain containing 2 (Lemd2), mRNA [NM_001039032]	9,270
Ap3s1	Rattus norvegicus adaptor-related protein complex 3, sigma 1 subunit (Ap3s1), mRNA [NM_001106933]	9,269
Tmem223	Rattus norvegicus transmembrane protein 223 (Tmem223), mRNA [NM_001191104]	9,269
RT1-Bb	Rattus norvegicus RT1 class II, locus Bb (RT1-Bb), mRNA [NM_001004084]	9,268
Mgat5b	Rattus norvegicus mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, isozyme B (Mgat5b), mRNA [NM_001107068]	9,267
Lman1l	Rattus norvegicus lectin, mannose-binding, 1 like (Lman1l), mRNA [NM_001012465]	9,266
Erh	Rattus norvegicus enhancer of rudimentary homolog (<i>Drosophila</i>) (Erh), mRNA [NM_001109442]	9,265
Depdc6	PREDICTED: Rattus norvegicus DEP domain containing 6 (Depdc6), mRNA [XM_001066889]	9,264
RGD1305939	Rattus norvegicus hypothetical LOC300074 (RGD1305939), mRNA [NM_001130581]	9,263
Cass4	Rattus norvegicus Cas scaffolding protein family member 4 (Cass4), mRNA [NM_001191744]	9,263
Emp1	Rattus norvegicus epithelial membrane protein 1 (Emp1), mRNA [NM_012843]	9,263
Dpysl3	Rattus norvegicus dihydropyrimidinase-like 3 (Dpysl3), mRNA [NM_012934]	9,261
0	Unknown	9,261
RGD1565512	Rattus norvegicus similar to hypothetical protein 4932418E24 (RGD1565512), mRNA [NM_001134617]	9,261
Klhdc3	Rattus norvegicus kelch domain containing 3 (Klhdc3), mRNA [NM_001012203]	9,259
0	Unknown	9,258
MGC112715	Rattus norvegicus hypothetical protein LOC690899 (MGC112715), mRNA [NM_001044300]	9,258
0	ATG2 autophagy related 2 homolog B (<i>S. cerevisiae</i>) Gene [Source:MGI Symbol;Acc:MGI:1923809] [ENSRNOT00000006131]	9,257
Gphb5	Rattus norvegicus glycoprotein hormone beta 5 (Gphb5), mRNA [NM_001007013]	9,257
Trrap	Rattus norvegicus transformation/transcription domain-associated protein (Trrap), mRNA [NM_001105907]	9,256
Itgb5	Rattus norvegicus integrin, beta 5 (Itgb5), mRNA [NM_147139]	9,256
LOC304239	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH07] [ENSRNOT00000001187]	9,255
0	Rattus norvegicus similar to spindlin (LOC294635), mRNA [XM_226656]	9,253
Vps33a	Rattus norvegicus vacuolar protein sorting 33 homolog A (<i>S. cerevisiae</i>) (Vps33a), mRNA [NM_022961]	9,253
Myof	Rattus norvegicus myoferlin (Myof), mRNA [NM_001191636]	9,253
LOC685385	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPS5] [ENSRNOT00000056523]	9,252
Srgap2	Rattus norvegicus SLIT-ROBO Rho GTPase activating protein 2 (Srgap2), mRNA [NM_001134958]	9,252
0	Unknown	9,252

Oxsr1	Rattus norvegicus oxidative-stress responsive 1 (Oxsr1), mRNA [NM_001108194]	9,252
Sec24c	Rattus norvegicus SEC24 family, member C (S. cerevisiae) (Sec24c), mRNA [NM_001109456]	9,251
0	Unknown	9,250
Gpr156	Rattus norvegicus G protein-coupled receptor 156 (Gpr156), mRNA [NM_153295]	9,250
0	Unknown	9,249
0	Unknown	9,248
0	Q84NG9_VITVI (Q84NG9) 2S albumin, partial (6%) [TC640666]	9,247
RGD1560859	PREDICTED: Rattus norvegicus similar to 2300003P22Rik protein (RGD1560859), miscRNA [XR_008965]	9,246
Riok3	Rattus norvegicus RIO kinase 3 (yeast) (Riok3), mRNA [NM_001108423]	9,246
Cops2	Rattus norvegicus COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) (Cops2), mRNA [NM_153297]	9,244
Paqr6	Rattus norvegicus progesterin and adipoQ receptor family member VI (Paqr6), mRNA [NM_001191077]	9,243
Ormdl2	Rattus norvegicus ORM1-like 2 (S. cerevisiae) (Ormdl2), mRNA [NM_001105940]	9,241
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3V3] [ENSRNOT00000011481]	9,241
0	Unknown	9,241
LOC690130	PREDICTED: Rattus norvegicus similar to ras homolog gene family, member f (LOC690130), mRNA [XM_001073389]	9,240
0	Unknown	9,240
0	Unknown	9,240
Lrrc40	Rattus norvegicus leucine rich repeat containing 40 (Lrrc40), mRNA [NM_001034926]	9,240
Snap23	Rattus norvegicus synaptosomal-associated protein 23 (Snap23), mRNA [NM_022689]	9,236
RGD1561777	PREDICTED: Rattus norvegicus similar to Na ⁺ dependent glucose transporter 1 (RGD1561777), mRNA [XM_001063079]	9,235
Stk11	Rattus norvegicus serine/threonine kinase 11 (Stk11), mRNA [NM_001108069]	9,233
Erp44	Rattus norvegicus endoplasmic reticulum protein 44 (Erp44), mRNA [NM_001008317]	9,233
Atrn	Rattus norvegicus attractin (Atrn), mRNA [NM_031351]	9,232
Med23	Mediator of RNA polymerase II transcription subunit 23 [Source:UniProtKB/Swiss-Prot;Acc:Q5EB59] [ENSRNOT00000018404]	9,231
RGD1562874	PREDICTED: Rattus norvegicus similar to hypothetical protein DKFZp434E1818.1 - human (fragment) (RGD1562874), mRNA [XM_001077456]	9,230
Api5	Rattus norvegicus apoptosis inhibitor 5 (Api5), mRNA [NM_001127379]	9,226
Atad3a	Rattus norvegicus ATPase family, AAA domain containing 3A (Atad3a), nuclear gene encoding mitochondrial protein, mRNA [NM_001034922]	9,226
Nos1	Rattus norvegicus nitric oxide synthase 1, neuronal (Nos1), mRNA [NM_052799]	9,223
Dirc2	Rattus norvegicus disrupted in renal carcinoma 2 (human) (Dirc2), mRNA [NM_001012017]	9,222
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHU8] [ENSRNOT00000001891]	9,220
Fam76a	Rattus norvegicus family with sequence similarity 76, member A (Fam76a), mRNA [NM_001108686]	9,218
LOC684441	PREDICTED: Rattus norvegicus similar to Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 (Rotamase Pin4) (PPIase Pin4) (LOC684441), miscRNA [XR_086666]	9,218
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZK13] [ENSRNOT000000061879]	9,218

Nudcd3	Rattus norvegicus NudC domain containing 3 (Nudcd3), mRNA [NM_001103362]	9,217
Tmem184a	Rattus norvegicus transmembrane protein 184A (Tmem184a), mRNA [NM_001025413]	9,216
RGD1563917	PREDICTED: Rattus norvegicus similar to Nuclear autoantigen Sp-100 (Speckled 100 kDa) (RGD1563917), mRNA [XM_001063206]	9,216
Luc7l2	Rattus norvegicus LUC7-like 2 (<i>S. cerevisiae</i>) (Luc7l2), mRNA [NM_001107853]	9,215
Entpd4	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 4 (Entpd4), mRNA [NM_001108384]	9,215
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC305630), mRNA [XM_223741]	9,215
Cntf	Rattus norvegicus ciliary neurotrophic factor (Cntf), mRNA [NM_013166]	9,211
0	Unknown	9,210
Fry	Rattus norvegicus furry homolog (<i>Drosophila</i>) (Fry), mRNA [NM_001170398]	9,208
Ccdc44	Rattus norvegicus coiled-coil domain containing 44 (Ccdc44), mRNA [NM_001108302]	9,207
Lancl2	Rattus norvegicus LanC lantibiotic synthetase component C-like 2 (bacterial) (Lancl2), mRNA [NM_001014187]	9,206
Gsg1l	PREDICTED: Rattus norvegicus GSG1-like (Gsg1l), mRNA [XM_574558]	9,205
Aof1	Rattus norvegicus amine oxidase (flavin containing) domain 1 (Aof1), mRNA [NM_001107343]	9,203
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQW1] [ENSRNOT00000015065]	9,202
Chrm2	Rattus norvegicus cholinergic receptor, muscarinic 2 (Chrm2), mRNA [NM_031016]	9,202
Slc24a4	Rattus norvegicus solute carrier family 24 (sodium/potassium/calcium exchanger), member 4 (Slc24a4), mRNA [NM_001108051]	9,202
Zdhhc13	Rattus norvegicus zinc finger, DHHC-type containing 13 (Zdhhc13), mRNA [NM_001039037]	9,201
Dbn1d1	Rattus norvegicus dysbindin (dystrobrevin binding protein 1) domain containing 1 (Dbn1d1), mRNA [NM_001014156]	9,200
Rab32	Rattus norvegicus RAB32, member RAS oncogene family (Rab32), mRNA [NM_001108902]	9,199
Gde1	Rattus norvegicus glycerophosphodiester phosphodiesterase 1 (Gde1), mRNA [NM_032615]	9,199
Tmem178	Rattus norvegicus transmembrane protein 178 (Tmem178), mRNA [NM_001004282]	9,198
0	Rattus norvegicus similar to caspase 3, apoptosis related cysteine protease (LOC292581), mRNA [XM_218253]	9,198
Map3k2	Rattus norvegicus mitogen activated protein kinase kinase kinase 2 (Map3k2), mRNA [NM_138503]	9,197
Cyp2b3	Rattus norvegicus cytochrome P450, family 2, subfamily b, polypeptide 3 (Cyp2b3), mRNA [NM_173294]	9,197
0	Unknown	9,195
Strn3	Rattus norvegicus striatin, calmodulin binding protein 3 (Strn3), mRNA [NM_001029897]	9,195
Pcdhb8	Rattus norvegicus protocadherin beta 8 (Pcdhb8), mRNA [NM_001014779]	9,195
Zc3h6	Rattus norvegicus zinc finger CCCH type containing 6 (Zc3h6), mRNA [NM_001107772]	9,194
Fam102b	Rattus norvegicus family with sequence similarity 102, member B (Fam102b), mRNA [NM_001163568]	9,191
0	Unknown	9,191
Gstt1	Rattus norvegicus glutathione S-transferase theta 1 (Gstt1), mRNA [NM_053293]	9,190
Sec62	Rattus norvegicus SEC62 homolog (<i>S. cerevisiae</i>) (Sec62), mRNA [NM_001034129]	9,190
Lrp11	Rattus norvegicus low density lipoprotein receptor-related protein 11 (Lrp11), mRNA [NM_001106217]	9,188

0	Unknown	9,186
LOC100188984	Rattus norvegicus hypothetical protein LOC100188984 (LOC100188984), mRNA [NM_001134998]	9,185
Atg4b	Rattus norvegicus ATG4 autophagy related 4 homolog B (S. cerevisiae) (Atg4b), mRNA [NM_001025711]	9,185
Calml4	Rattus norvegicus calmodulin-like 4 (Calml4), mRNA [NM_001127575]	9,185
Itga1	Rattus norvegicus integrin, alpha 1 (Itga1), mRNA [NM_030994]	9,181
LOC100361845	PREDICTED: Rattus norvegicus hypothetical protein LOC100361845 (LOC100361845), mRNA [XM_002729636]	9,179
Mbd3	Rattus norvegicus methyl-CpG binding domain protein 3 (Mbd3), mRNA [NM_001108735]	9,179
Mical3	Rattus norvegicus microtubule associated monooxygenase, calponin and LIM domain containing 3 (Mical3), mRNA [NM_001191085]	9,177
RGD1565023	PREDICTED: Rattus norvegicus similar to Suppressor of S. cerevisiae gcr2 (RGD1565023), mRNA [XM_001055900]	9,174
LOC678966	PREDICTED: Rattus norvegicus hypothetical protein LOC678966 (LOC678966), partial mRNA [XM_001054033]	9,173
0	Unknown	9,169
Srf	Rattus norvegicus serum response factor (c-fos serum response element-binding transcription factor) (Srf), mRNA [NM_001109302]	9,169
LOC691632	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC691632), mRNA [XM_001079095]	9,167
Tor2a	Rattus norvegicus torsin family 2, member A (Tor2a), mRNA [NM_001007744]	9,165
Pln	Rattus norvegicus phospholamban (Pln), mRNA [NM_022707]	9,165
0	Rattus norvegicus chromosome 7, 20 clones, strain BN/SsNHsdMCW RNOR03304384, whole genome shotgun sequence [AABR03055433]	9,164
Vps13a	Rattus norvegicus vacuolar protein sorting 13 homolog A (S. cerevisiae) (Vps13a), mRNA [NM_001100975]	9,164
Gla	Rattus norvegicus galactosidase, alpha (Gla), mRNA [NM_001108820]	9,163
Ndrp2	Rattus norvegicus N-myc downstream regulated gene 2 (Ndrp2), mRNA [NM_133583]	9,163
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX00] [ENSRNOT00000046987]	9,163
Gucy1b2	Rattus norvegicus guanylate cyclase 1, soluble, beta 2 (Gucy1b2), mRNA [NM_012770]	9,162
LOC682097	PREDICTED: Rattus norvegicus similar to TBP-associated factor 4 (LOC682097), miscRNA [XR_086218]	9,159
0	Unknown	9,159
Hsd3b5	Rattus norvegicus hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 5 (Hsd3b5), mRNA [NM_012584]	9,158
LOC680531	Rattus norvegicus similar to CG3880-PA (LOC680531), mRNA [NM_001109418]	9,158
Hs3st6	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 6 (Hs3st6), mRNA [NM_001109450]	9,156
Dcps	Rattus norvegicus decapping enzyme, scavenger (Dcps), mRNA [NM_153302]	9,156
Rab14	Rattus norvegicus RAB14, member RAS oncogene family (Rab14), mRNA [NM_053589]	9,155
U2surp	PREDICTED: Rattus norvegicus similar to CG9346-PA, transcript variant 1 (RGD1307882), mRNA [XM_002729954]	9,155
Tmc5	Rattus norvegicus transmembrane channel-like 5 (Tmc5), mRNA [NM_001012216]	9,153
Rassf8	Rattus norvegicus Ras association (RalGDS/AF-6) domain family (N-terminal) member 8 (Rassf8), mRNA [NM_001191753]	9,152
MGC95208	Rattus norvegicus similar to 4930453N24Rik protein (MGC95208), mRNA [NM_001005552]	9,150
Dhx8	Rattus norvegicus DEAH (Asp-Glu-Ala-His) box polypeptide 8 (Dhx8), mRNA [NM_001047844]	9,149
Rab711	Rattus norvegicus RAB7, member RAS oncogene family-like 1 (Rab711), mRNA [NM_133590]	9,149

Trim27	Rattus norvegicus tripartite motif-containing 27 (Trim27), transcript variant 1, mRNA [NM_001134974]	9,149
0	Unknown	9,148
RGD1560737	PREDICTED: Rattus norvegicus similar to elicitor-like mating protein M81 (RGD1560737), mRNA [XM_225445]	9,147
Hbp1	Rattus norvegicus HMG-box transcription factor 1 (Hbp1), mRNA [NM_013221]	9,144
0	Unknown	9,143
Rnf144b	Rattus norvegicus ring finger protein 144B (Rnf144b), mRNA [NM_001108881]	9,143
Odc1	Rattus norvegicus ornithine decarboxylase 1 (Odc1), mRNA [NM_012615]	9,142
0	Unknown	9,140
RGD1308644	RCG50901Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAP3] [ENSRNOT00000031717]	9,140
Olr50	Rattus norvegicus olfactory receptor 50 (Olr50), mRNA [NM_001000131]	9,139
0	Unknown	9,139
Pcdh9	Rattus norvegicus protocadherin 9 (Pcdh9), mRNA [NM_001191688]	9,139
LOC680430	PREDICTED: Rattus norvegicus similar to germinal histone H4 gene (LOC680430), mRNA [XM_001057149]	9,138
Krt80	Rattus norvegicus keratin 80 (Krt80), mRNA [NM_001008815]	9,138
0	PREDICTED: Rattus norvegicus similar to TDPOZ2 (RGD1562545), mRNA [XM_001061198]	9,138
Acin1	Rattus norvegicus apoptotic chromatin condensation inducer 1 (Acin1), mRNA [NM_001170468]	9,137
Rhoh	Rattus norvegicus ras homolog gene family, member H (Rhoh), mRNA [NM_001013430]	9,135
Armcx3	Rattus norvegicus armadillo repeat containing, X-linked 3 (Armcx3), mRNA [NM_001014273]	9,134
0	ERG6_MAGGR (Q5EN22) Sterol 24-C-methyltransferase (Delta(24)-sterol C-methyltransferase) , partial (5%) [TC583516]	9,134
Ift52	Rattus norvegicus intraflagellar transport 52 homolog (Chlamydomonas) (Ift52), mRNA [NM_001177685]	9,133
LOC289378	Rattus norvegicus similar to B0432.8 (LOC289378), mRNA [NM_001105987]	9,133
RGD1565819	Rattus norvegicus similar to C20orf174 (RGD1565819), mRNA [NM_001171096]	9,133
0	Unknown	9,133
RGD1565767	Ribosomal protein L15 [Source:UniProtKB/TrEMBL;Acc:D3ZF52] [ENSRNOT00000032528]	9,132
Ccdc64	Rattus norvegicus coiled-coil domain containing 64 (Ccdc64), mRNA [NM_001191667]	9,132
0	Unknown	9,131
Fam126b	Rattus norvegicus family with sequence similarity 126, member B (Fam126b), mRNA [NM_001025710]	9,131
Tmem40	Rattus norvegicus transmembrane protein 40 (Tmem40), mRNA [NM_001191573]	9,130
Hsd17b1	Rattus norvegicus hydroxysteroid (17-beta) dehydrogenase 1 (Hsd17b1), mRNA [NM_012851]	9,128
Ccdc89	Rattus norvegicus coiled-coil domain containing 89 (Ccdc89), mRNA [NM_001134833]	9,127
Tmcc2	Similar to RIKEN cDNA 1110063G11 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE26] [ENSRNOT00000000036]	9,125
Rdh13	Rattus norvegicus retinol dehydrogenase 13 (all-trans/9-cis) (Rdh13), nuclear gene encoding mitochondrial protein, mRNA [NM_001108468]	9,124
0	Unknown	9,123
Inhbb	Rattus norvegicus inhibin beta-B (Inhbb), mRNA [NM_080771]	9,121

Pank3	Rattus norvegicus pantothenate kinase 3 (Pank3), mRNA [NM_001108272]	9,120
0	Unknown	9,120
Vav3	Rattus norvegicus vav 3 guanine nucleotide exchange factor (Vav3), mRNA [NM_001191714]	9,118
Mobkl3	Rattus norvegicus MOB1, Mps One Binder kinase activator-like 3 (yeast) (Mobkl3), mRNA [NM_133528]	9,118
Pqlc2	Rattus norvegicus PQ loop repeat containing 2 (Pqlc2), mRNA [NM_001108689]	9,115
Gldn	Rattus norvegicus gliomedin (Gldn), mRNA [NM_181382]	9,115
Dnaja4	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily A, member 4 (Dnaja4), mRNA [NM_001025411]	9,115
Pih1d2	Rattus norvegicus PIH1 domain containing 2 (Pih1d2), mRNA [NM_001191793]	9,112
Paqr8	Rattus norvegicus progesterin and adipoQ receptor family member VIII (Paqr8), mRNA [NM_001014099]	9,111
LOC679140	PREDICTED: Rattus norvegicus similar to exosome component 1, transcript variant 1 (LOC679140), mRNA [XM_001054866]	9,110
0	Unknown	9,108
Trub2	Rattus norvegicus TruB pseudouridine (psi) synthase homolog 2 (E. coli) (Trub2), mRNA [NM_001014257]	9,108
0	Histone H3 [Source:UniProtKB/TrEMBL;Acc:D3ZXC3] [ENSRNOT00000046278]	9,107
Mex3c	Rattus norvegicus mex-3 homolog C (C. elegans) (Mex3c), mRNA [NM_001107377]	9,104
Fam46a	Rattus norvegicus family with sequence similarity 46, member A (Fam46a), mRNA [NM_001106844]	9,100
0	Unknown	9,100
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ63] [ENSRNOT00000042360]	9,099
LOC682968	PREDICTED: Rattus norvegicus similar to Retinal homeobox protein Rx (DRx1) (DRx) (LOC682968), mRNA [XM_001063896]	9,099
Itsn1	Rattus norvegicus intersectin 1 (SH3 domain protein) (Itsn1), transcript variant 2, mRNA [NM_019227]	9,098
0	Unknown	9,097
0	PREDICTED: Rattus norvegicus up-regulator of carnitine transporter, OCTN2 (LOC303140), mRNA [XM_001073573]	9,096
Zcchc2	Rattus norvegicus zinc finger, CCHC domain containing 2 (Zcchc2), mRNA [NM_001122677]	9,095
0	probable tRNA pseudouridine synthase 2 [Source:RefSeq peptide;Acc:NP_001014279] [ENSRNOT00000040550]	9,095
Mtf1	Rattus norvegicus metal-regulatory transcription factor 1 (Mtf1), mRNA [NM_001108677]	9,095
Nrbp2	Rattus norvegicus nuclear receptor binding protein 2 (Nrbp2), mRNA [NM_001135007]	9,092
LOC691572	PREDICTED: Rattus norvegicus hypothetical protein LOC691572 (LOC691572), mRNA [XM_001078882]	9,092
0	Unknown	9,089
Nrxn1	Rattus norvegicus neurexin 1 (Nrxn1), mRNA [NM_021767]	9,087
0	Q6MG19_RAT (Q6MG19) Discoidin domain receptor family, member 1, partial (18%) [TC622836]	9,086
Prss35	Rattus norvegicus protease, serine, 35 (Prss35), mRNA [NM_001008560]	9,085
Ipo11	PREDICTED: Rattus norvegicus importin 11 (Ipo11), mRNA [XM_002725887]	9,084
0	Unknown	9,084
G6pc3	Rattus norvegicus glucose 6 phosphatase, catalytic, 3 (G6pc3), mRNA [NM_176077]	9,084
Pdxdc1	Rattus norvegicus pyridoxal-dependent decarboxylase domain containing 1 (Pdxdc1), mRNA [NM_001134961]	9,084

RGD1564308	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVL4] [ENSRNOT00000059317]	9,080
LOC100363193	Rattus norvegicus LRRGT00076-like (LOC100363193), mRNA [NM_001177824]	9,076
0	Unknown	9,075
Osbp	Rattus norvegicus oxysterol binding protein (Osbp), mRNA [NM_001108927]	9,075
Mark1	Rattus norvegicus MAP/microtubule affinity-regulating kinase 1 (Mark1), mRNA [NM_053947]	9,074
Cat	Rattus norvegicus catalase (Cat), mRNA [NM_012520]	9,074
Sgef	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1D2] [ENSRNOT00000019553]	9,073
Ssr1	Rattus norvegicus signal sequence receptor, alpha (Ssr1), mRNA [NM_001008891]	9,073
Pde4d	Rattus norvegicus phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila) (Pde4d), transcript variant 1, mRNA [NM_001113328]	9,072
0	Rattus norvegicus TL0ADA51YN11 mRNA sequence. [FQ228778]	9,070
RGD1560695	PREDICTED: Rattus norvegicus similar to hypothetical protein 4930474N05 (RGD1560695), mRNA [XM_001074018]	9,069
RGD1306410	Rattus norvegicus similar to CG14980-PB (RGD1306410), mRNA [NM_001014126]	9,068
0	Unknown	9,067
LOC683516	PREDICTED: Rattus norvegicus similar to Zinc finger X-linked protein ZXDB (LOC683516), partial mRNA [XM_001066304]	9,066
LOC689257	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF17] [ENSRNOT00000058586]	9,065
Tnfrsf1b	Tumor necrosis factor receptor superfamily member 1B [Source:UniProtKB/Swiss-Prot;Acc:Q80WY6] [ENSRNOT00000022478]	9,065
RGD1559864	PREDICTED: Rattus norvegicus similar to mKIAA1045 protein, transcript variant 2 (RGD1559864), mRNA [XM_575808]	9,064
Osbp11	Rattus norvegicus oxysterol binding protein-like 11 (Osbp11), mRNA [NM_001107090]	9,062
Bdh1	Rattus norvegicus 3-hydroxybutyrate dehydrogenase, type 1 (Bdh1), nuclear gene encoding mitochondrial protein, mRNA [NM_053995]	9,062
Dis3l2	Rattus norvegicus DIS3 mitotic control homolog (S. cerevisiae)-like 2 (Dis3l2), transcript variant 1, mRNA [NM_001109007]	9,062
Lppr1	Rattus norvegicus lipid phosphate phosphatase-related protein type 1 (Lppr1), mRNA [NM_201271]	9,059
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBK3] [ENSRNOT00000060360]	9,059
RGD1310311	Rattus norvegicus similar to chromosome 14 open reading frame 104 (RGD1310311), mRNA [NM_001014197]	9,059
Kcnk2	Rattus norvegicus potassium channel, subfamily K, member 2 (Kcnk2), transcript variant 1, mRNA [NM_172041]	9,058
Vom2r55	Rattus norvegicus vomeronasal 2 receptor, 55 (Vom2r55), mRNA [NM_001099495]	9,054
0	Unknown	9,054
Sesn1	Rattus norvegicus sestrin 1 (Sesn1), mRNA [NM_001106396]	9,053
Olr1286	Rattus norvegicus olfactory receptor 1286 (Olr1286), mRNA [NM_001000799]	9,049
N-pac	Putative oxidoreductase GLYR1 [Source:UniProtKB/Swiss-Prot;Acc:Q5RKH0] [ENSRNOT00000004159]	9,049
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ92] [ENSRNOT00000026116]	9,048
Adcy1	Rattus norvegicus adenylate cyclase 1 (brain) (Adcy1), mRNA [NM_001107239]	9,047
LOC691543	Rattus norvegicus hypothetical protein LOC691543 (LOC691543), mRNA [NM_001109645]	9,047
Slc27a2	Rattus norvegicus solute carrier family 27 (fatty acid transporter), member 2 (Slc27a2), mRNA [NM_031736]	9,046

Dars2	Rattus norvegicus aspartyl-tRNA synthetase 2 (mitochondrial) (Dars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001034143]	9,045
Sec24c	Rattus norvegicus SEC24 family, member C (S. cerevisiae) (Sec24c), mRNA [NM_001109456]	9,045
Elovl6	Rattus norvegicus ELOVL family member 6, elongation of long chain fatty acids (yeast) (Elovl6), mRNA [NM_134383]	9,041
0	BC042626 Chmp2b protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (49%) [TC588602]	9,040
Gpr89	Rattus norvegicus G protein-coupled receptor 89 (Gpr89), mRNA [NM_001139486]	9,039
0	Williams Beuren syndrome chromosome region 27 [Source:RefSeq peptide;Acc:NP_001102969] [ENSRNOT00000002002]	9,037
0	Unknown	9,036
Sypl1	Rattus norvegicus synaptophysin-like 1 (Sypl1), mRNA [NM_001014263]	9,036
Kdelr3	Rattus norvegicus KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3 (Kdelr3), mRNA [NM_001127546]	9,035
Hes5	Rattus norvegicus hairy and enhancer of split 5 (Drosophila) (Hes5), mRNA [NM_024383]	9,035
Nkr-p1c	Rattus norvegicus killer cell lectin-like receptor subfamily B member (Nkr-p1c), mRNA [NM_001040189]	9,033
Sh2d5	PREDICTED: Rattus norvegicus SH2 domain containing 5 (Sh2d5), mRNA [XM_001070433]	9,033
0	Unknown	9,032
Zfp263	Rattus norvegicus zinc finger protein 263 (Zfp263), mRNA [NM_001105763]	9,029
0	Unknown	9,029
LOC100364812	PREDICTED: Rattus norvegicus hypothetical protein LOC100364812 (LOC100364812), mRNA [XM_002725256]	9,027
Lypla1	Rattus norvegicus lysophospholipase 1 (Lypla1), mRNA [NM_013006]	9,026
Steap2	Rattus norvegicus six transmembrane epithelial antigen of the prostate 2 (Steap2), mRNA [NM_001107846]	9,026
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTC4] [ENSRNOT00000034159]	9,025
Mesp2	Rattus norvegicus mesoderm posterior 2 homolog (mouse) (Mesp2), mRNA [NM_001106273]	9,024
0	Rattus norvegicus similar to 40S ribosomal protein S7 (S8) (LOC367108), mRNA [XM_345950]	9,024
LOC679835	FM119812 etnohea Rattus norvegicus cDNA clone etnoheaP0047K24 3', mRNA sequence [FM119812]	9,023
Sdhd	Rattus norvegicus succinate dehydrogenase complex, subunit D, integral membrane protein (Sdhd), nuclear gene encoding mitochondrial protein, mRNA [NM_198788]	9,022
RGD1560883	PREDICTED: Rattus norvegicus similar to KIAA0825 protein (RGD1560883), mRNA [XM_226616]	9,021
0	Unknown	9,019
0	Unknown	9,018
C1qtnf2	Rattus norvegicus C1q and tumor necrosis factor related protein 2 (C1qtnf2), mRNA [NM_001191918]	9,018
Abcb10	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 10 (Abcb10), nuclear gene encoding mitochondrial protein, mRNA [NM_001012166]	9,016
Klf6	Rattus norvegicus Kruppel-like factor 6 (Klf6), mRNA [NM_031642]	9,016
0	Unknown	9,015
0	Rattus norvegicus TL0AAA53YP17 mRNA sequence. [FQ212466]	9,015
Gria3	Rattus norvegicus glutamate receptor, ionotropic, AMPA 3 (Gria3), transcript variant 2, mRNA [NM_001112742]	9,015

RGD1564859	PREDICTED: Rattus norvegicus RGD1564859 (RGD1564859), mRNA [XM_347061]	9,015
Rfxank	Rattus norvegicus regulatory factor X-associated ankyrin-containing protein (Rfxank), mRNA [NM_001013136]	9,014
Bcar1	Rattus norvegicus breast cancer anti-estrogen resistance 1 (Bcar1), mRNA [NM_012931]	9,013
RGD1310794	Rattus norvegicus similar to RIKEN cDNA C030048B08 (RGD1310794), mRNA [NM_001024246]	9,012
Sin3a	Rattus norvegicus SIN3 homolog A, transcription regulator (yeast) (Sin3a), mRNA [NM_001108761]	9,012
Vps53	Rattus norvegicus vacuolar protein sorting 53 homolog (S. cerevisiae) (Vps53), mRNA [NM_001105813]	9,011
RGD1562136	Rattus norvegicus similar to D1Ert622e protein (RGD1562136), mRNA [NM_001109086]	9,010
Klh18	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A902] [ENSRNOT00000056141]	9,009
Pnmal2	Rattus norvegicus PNMA-like 2 (Pnmal2), mRNA [NM_001107481]	9,009
Map4k4	Rattus norvegicus mitogen-activated protein kinase kinase kinase 4 (Map4k4), mRNA [NM_001106904]	9,007
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC295420), mRNA [XM_227654]	9,006
Hibadh	Rattus norvegicus 3-hydroxyisobutyrate dehydrogenase (Hibadh), mRNA [NM_022243]	9,006
Sh3glb1	Rattus norvegicus SH3-domain GRB2-like endophilin B1 (Sh3glb1), mRNA [NM_001011929]	9,006
0	Unknown	9,005
Kdm4dl	PREDICTED: Rattus norvegicus similar to jumonji domain containing 2D (RGD1563367), mRNA [XM_576355]	9,005
0	Unknown	9,005
0	Unknown	9,004
Ythdf2	Rattus norvegicus YTH domain family, member 2 (Ythdf2), mRNA [NM_001047099]	9,001
0	Unknown	9,001
0	Unknown	9,000
Gtrgeo22	Rattus norvegicus gene trap ROSA b-geo 22 (Gtrgeo22), mRNA [NM_001109621]	8,998
0	Unknown	8,998
Lrfn4	Rattus norvegicus leucine rich repeat and fibronectin type III domain containing 4 (Lrfn4), mRNA [NM_001109508]	8,998
Uhmk1	Rattus norvegicus U2AF homology motif (UHM) kinase 1 (Uhmk1), mRNA [NM_017293]	8,995
Esf1	Rattus norvegicus ESF1, nucleolar pre-rRNA processing protein, homolog (S. cerevisiae) (Esf1), mRNA [NM_001100771]	8,994
Pik3ca	Rattus norvegicus phosphoinositide-3-kinase, catalytic, alpha polypeptide (Pik3ca), mRNA [NM_133399]	8,992
Pepd	Rattus norvegicus peptidase D (Pepd), mRNA [NM_001009641]	8,991
Alg14	Rattus norvegicus asparagine-linked glycosylation 14 homolog (S. cerevisiae) (Alg14), mRNA [NM_001014176]	8,987
Pou3f3	Rattus norvegicus POU class 3 homeobox 3 (Pou3f3), mRNA [NM_138837]	8,985
Ccl12	Rattus norvegicus chemokine (C-C motif) ligand 12 (Ccl12), mRNA [NM_001105822]	8,985
Bean1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFF6] [ENSRNOT00000017774]	8,982
Ccnj	Rattus norvegicus cyclin J (Ccnj), mRNA [NM_001106369]	8,981
Optn	Rattus norvegicus optineurin (Optn), mRNA [NM_145081]	8,980
Surf2	Rattus norvegicus surfeit 2 (Surf2), mRNA [NM_001033866]	8,980

0	Rattus norvegicus TL0ADA36YM24 mRNA sequence. [FQ221400]	8,979
Chac2	Rattus norvegicus ChaC, cation transport regulator homolog 2 (E. coli) (Chac2), mRNA [NM_001025016]	8,979
Tmem68	Rattus norvegicus transmembrane protein 68 (Tmem68), mRNA [NM_001107903]	8,977
RGD1565158	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 4921537P18 (RGD1565158), mRNA [XM_001077736]	8,974
LOC685030	PREDICTED: Rattus norvegicus similar to paired immunoglobulin-like type 2 receptor beta (LOC685030), mRNA [XM_002724831]	8,973
Oscp1	Rattus norvegicus organic solute carrier partner 1 (Oscp1), mRNA [NM_001029923]	8,972
Pikfyve	Similar to phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III isoform 2Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT14] [ENSRNOT00000020447]	8,972
0	Unknown	8,966
Gphn	Rattus norvegicus gephyrin (Gphn), mRNA [NM_022865]	8,965
Mex3c	Rattus norvegicus mex-3 homolog C (C. elegans) (Mex3c), mRNA [NM_001107377]	8,965
Strbp	Rattus norvegicus spermatid perinuclear RNA binding protein (Strbp), mRNA [NM_053416]	8,964
Ebpl	Rattus norvegicus emopamil binding protein-like (Ebpl), mRNA [NM_001108381]	8,962
0	PREDICTED: Rattus norvegicus similar to H3 histone, family 3B (LOC685984), mRNA [XM_001066068]	8,962
Polr3b	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide B (Polr3b), mRNA [NM_001191878]	8,961
0	AGENCOURT_109866019 NIH_MGC_420 Rattus norvegicus cDNA clone IMAGE:9032542 5', mRNA sequence [EV763082]	8,961
Lrriq1	PREDICTED: Rattus norvegicus leucine-rich repeats and IQ motif containing 1 (Lrriq1), mRNA [XM_001080693]	8,961
LOC690349	Rattus norvegicus hypothetical protein LOC690349 (LOC690349), mRNA [NM_001109581]	8,959
Pgrmc1	Rattus norvegicus progesterone receptor membrane component 1 (Pgrmc1), mRNA [NM_021766]	8,957
Brms1	Rattus norvegicus breast cancer metastasis-suppressor 1 (Brms1), mRNA [NM_001009605]	8,956
Pgm2	Rattus norvegicus phosphoglucomutase 2 (Pgm2), mRNA [NM_001106007]	8,955
Tnks2	Rattus norvegicus tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2 (Tnks2), mRNA [NM_001107607]	8,955
0	Unknown	8,954
Aktip	Rattus norvegicus AKT interacting protein (Aktip), mRNA [NM_001011926]	8,952
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC307263), mRNA [XM_225724]	8,952
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACD7] [ENSRNOT00000014120]	8,951
Slc9a2	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 2 (Slc9a2), transcript variant 1, mRNA [NM_001113335]	8,949
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9J9] [ENSRNOT00000015767]	8,948
Calm3	Rattus norvegicus calmodulin 3 (Calm3), mRNA [NM_012518]	8,948
Mapk11	Rattus norvegicus mitogen-activated protein kinase 11 (Mapk11), mRNA [NM_001109532]	8,948
Mat2b	Rattus norvegicus methionine adenosyltransferase II, beta (Mat2b), mRNA [NM_001044282]	8,948
Hrk	Rattus norvegicus harakiri, BCL2 interacting protein (contains only BH3 domain) (Hrk), mRNA [NM_057130]	8,947
Drg1	Rattus norvegicus developmentally regulated GTP binding protein 1 (Drg1), mRNA [NM_001009685]	8,947
Cab39l	Rattus norvegicus calcium binding protein 39-like (Cab39l), mRNA [NM_001011917]	8,947

Aff4	Rattus norvegicus AF4/FMR2 family, member 4 (Aff4), mRNA [NM_001107001]	8,946
Pfdn6	Rattus norvegicus prefoldin subunit 6 (Pfdn6), mRNA [NM_212506]	8,944
Hmgn1	Rattus norvegicus high-mobility group nucleosome binding domain 1 (Hmgn1), mRNA [NM_001013184]	8,943
0	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC691410), mRNA [XM_001078125]	8,943
0	Unknown	8,943
Maff	Rattus norvegicus v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) (Maff), mRNA [NM_001130573]	8,941
Ulk2	Rattus norvegicus Unc-51 like kinase 2 (C. elegans) (Ulk2), mRNA [NM_001191645]	8,939
RGD1565119	PREDICTED: Rattus norvegicus similar to Mitochondrial carrier triple repeat 1 (RGD1565119), mRNA [XM_001078261]	8,939
Rab39	Rattus norvegicus RAB39, member RAS oncogene family (Rab39), mRNA [NM_001108148]	8,939
Vax2	Rattus norvegicus ventral anterior homeobox 2 (Vax2), mRNA [NM_022637]	8,939
Lhfp12	Rattus norvegicus lipoma HMGIC fusion partner-like 2 (Lhfp12), mRNA [NM_001106402]	8,938
Gspt2	Rattus norvegicus G1 to S phase transition 2 (Gspt2), mRNA [NM_001109319]	8,938
Cdc45l	Rattus norvegicus CDC45 cell division cycle 45-like (S. cerevisiae) (Cdc45l), mRNA [NM_001105866]	8,938
Mad21l	Rattus norvegicus MAD2 mitotic arrest deficient-like 1 (yeast) (Mad21l), mRNA [NM_001106594]	8,937
Brdt	Rattus norvegicus bromodomain, testis-specific (Brdt), mRNA [NM_001012031]	8,937
Susd2	Rattus norvegicus sushi domain containing 2 (Susd2), mRNA [NM_001106381]	8,936
Nipal4	Rattus norvegicus NIPA-like domain containing 4 (Nipal4), mRNA [NM_001106995]	8,935
0	Unknown	8,934
Hist2h2ab	Rattus norvegicus histone cluster 2, H2ab (Hist2h2ab), mRNA [NM_001111341]	8,932
Rspry1	Rattus norvegicus ring finger and SPRY domain containing 1 (Rspry1), mRNA [NM_001100945]	8,932
Slc22a15	Rattus norvegicus solute carrier family 22, member 15 (Slc22a15), mRNA [NM_001107707]	8,931
Racgap1	Rattus norvegicus Rac GTPase-activating protein 1 (Racgap1), mRNA [NM_001108112]	8,931
Spg20	Rattus norvegicus spastic paraplegia 20 (Troyer syndrome) homolog (human) (Spg20), mRNA [NM_001106433]	8,929
0	AI060108 UI-R-C1-li-g-08-0-UI.s1 UI-R-C1 Rattus norvegicus cDNA clone UI-R-C1-li-g-08-0-UI 3', mRNA sequence [AI060108]	8,927
Dnhd1	PREDICTED: Rattus norvegicus dynein heavy chain domain 1 (Dnhd1), miscRNA [XR_085725]	8,927
Zfp637	Rattus norvegicus zinc finger protein 637 (Zfp637), mRNA [NM_001134908]	8,926
Htt	Rattus norvegicus huntingtin (Htt), mRNA [NM_024357]	8,926
Utf1	Rattus norvegicus undifferentiated embryonic cell transcription factor 1 (Utf1), mRNA [NM_001131032]	8,925
0	PREDICTED: Rattus norvegicus similar to Zgc:56193 (RGD1564447), mRNA [XM_001058987]	8,924
0	Rattus norvegicus similar to Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) (38 kDa BFA-dependent ADP-ribosylation substrate) (BARS-38) (LOC299213), mRNA [XM_234433]	8,923
0	Unknown	8,923
0	Unknown	8,921

Wdr20a	Rattus norvegicus WD repeat domain 20a (Wdr20a), mRNA [NM_001100894]	8,917
Plunc	Rattus norvegicus palate, lung, and nasal epithelium associated (Plunc), mRNA [NM_172031]	8,916
0	Unknown	8,916
0	Unknown	8,915
Csnk2a2	Rattus norvegicus casein kinase 2, alpha prime polypeptide (Csnk2a2), mRNA [NM_001107409]	8,915
Pdrg1	Rattus norvegicus p53 and DNA damage regulated 1 (Pdrg1), mRNA [NM_001014762]	8,912
Nfx1	Rattus norvegicus nuclear transcription factor, X-box binding 1 (Nfx1), mRNA [NM_001024784]	8,912
Mdga2	Rattus norvegicus MAM domain containing glycosylphosphatidylinositol anchor 2 (Mdga2), mRNA [NM_199269]	8,912
0	Unknown	8,911
RGD1304580	Rattus norvegicus similar to Hypothetical protein MGC38513 (RGD1304580), mRNA [NM_001009283]	8,911
Apoe	Rattus norvegicus apolipoprotein E (Apoe), mRNA [NM_138828]	8,911
Ogfod1	Rattus norvegicus 2-oxoglutarate and iron-dependent oxygenase domain containing 1 (Ogfod1), mRNA [NM_001107411]	8,910
RGD1564809	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC90] [ENSRNOT00000038184]	8,909
Sumo1	Rattus norvegicus SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae) (Sumo1), mRNA [NM_001009672]	8,908
Ctsk	Rattus norvegicus cathepsin K (Ctsk), mRNA [NM_031560]	8,907
Myh7	Rattus norvegicus myosin, heavy chain 7, cardiac muscle, beta (Myh7), mRNA [NM_017240]	8,905
Os9	Rattus norvegicus osteosarcoma amplified 9 (Os9), mRNA [NM_001007265]	8,904
0	Unknown	8,902
Mbnl1	Rattus norvegicus muscleblind-like 1 (Drosophila) (Mbnl1), mRNA [NM_001191566]	8,902
Nit2	Rattus norvegicus nitrilase family, member 2 (Nit2), mRNA [NM_001034126]	8,901
Alkbh4	Rattus norvegicus alkB, alkylation repair homolog 4 (E. coli) (Alkbh4), mRNA [NM_001105920]	8,901
0	Unknown	8,901
Abcf2	Rattus norvegicus ATP-binding cassette, subfamily F (GCN20), member 2 (Abcf2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109666]	8,899
Clic6	Rattus norvegicus chloride intracellular channel 6 (Clic6), nuclear gene encoding mitochondrial protein, mRNA [NM_176078]	8,899
Nme3	Rattus norvegicus non-metastatic cells 3, protein expressed in (Nme3), mRNA [NM_053507]	8,899
0	Rattus norvegicus similar to MAP/microtubule affinity-regulating kinase 2 isoform a; ELKL motif kinase 1; ELKL motif kinase (LOC290818), mRNA [XM_224940]	8,896
RGD1560383	RCG34143Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AC62] [ENSRNOT00000014414]	8,896
Cacna1d	Rattus norvegicus calcium channel, voltage-dependent, L type, alpha 1D subunit (Cacna1d), mRNA [NM_017298]	8,895
Podxl	Rattus norvegicus podocalyxin-like (Podxl), mRNA [NM_138848]	8,893
LOC100364057	PREDICTED: Rattus norvegicus Btf3l4 protein-like, transcript variant 1 (LOC100364057), mRNA [XM_002726573]	8,893
LOC688695	PREDICTED: Rattus norvegicus similar to SON protein (LOC688695), mRNA [XM_001067956]	8,892
Ccdc134	Rattus norvegicus coiled-coil domain containing 134 (Ccdc134), mRNA [NM_001024355]	8,889

Thap6	THAP domain containing 6 [Source:RefSeq peptide;Acc:NP_001100679] [ENSRNOT00000003431]	8,888
Pik3c2b	Rattus norvegicus phosphoinositide-3-kinase, class 2, beta polypeptide (Pik3c2b), mRNA [NM_001105951]	8,886
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC289434), mRNA [XM_213991]	8,885
0	Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363321), mRNA [XM_343661]	8,885
0	PREDICTED: Rattus norvegicus 2-deoxyribose-5-phosphate aldolase homolog (C. elegans) (Dera), miscRNA [XR_085824]	8,884
Btf3	Rattus norvegicus basic transcription factor 3 (Btf3), mRNA [NM_001008309]	8,884
Fam116b	Rattus norvegicus family with sequence similarity 116, member B (Fam116b), mRNA [NM_001108749]	8,883
Chic2	Rattus norvegicus cysteine-rich hydrophobic domain 2 (Chic2), mRNA [NM_001105736]	8,882
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJK8] [ENSRNOT00000065214]	8,879
Ptgds	Rattus norvegicus prostaglandin D2 synthase (brain) (Ptgds), mRNA [NM_013015]	8,879
Bbs10	Rattus norvegicus Bardet-Biedl syndrome 10 (Bbs10), mRNA [NM_001109286]	8,879
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000040456]	8,879
Lancl1	Rattus norvegicus LanC lantibiotic synthetase component C-like 1 (bacterial) (Lancl1), mRNA [NM_053723]	8,879
Gtf2ird1	Rattus norvegicus GTF2I repeat domain containing 1 (Gtf2ird1), mRNA [NM_001001504]	8,877
Mcf2l	Rattus norvegicus MCF.2 cell line derived transforming sequence-like (Mcf2l), mRNA [NM_053951]	8,877
Tmprss3	Rattus norvegicus transmembrane protease, serine 3 (Tmprss3), mRNA [NM_001107619]	8,876
0	AN1-type zinc finger and ubiquitin domain-containing protein 1 [Source:RefSeq peptide;Acc:NP_775454] [ENSRNOT00000043556]	8,874
LOC680236	PREDICTED: Rattus norvegicus hypothetical protein LOC680236 (LOC680236), mRNA [XM_001056256]	8,874
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z944] [ENSRNOT00000052233]	8,873
RGD1311910	Rattus norvegicus similar to hypothetical p38 protein (RGD1311910), mRNA [NM_001107373]	8,872
Minpp1	Rattus norvegicus multiple inositol polyphosphate histidine phosphatase 1 (Minpp1), mRNA [NM_019263]	8,872
Dip2a	Rattus norvegicus DIP2 disco-interacting protein 2 homolog A (Drosophila) (Dip2a), mRNA [NM_001191564]	8,871
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC288024), mRNA [XM_221353]	8,870
Tbce	Rattus norvegicus tubulin folding cofactor E (Tbce), mRNA [NM_001012161]	8,869
Sh3rf3	PREDICTED: Rattus norvegicus SH3 multiple domains 4, transcript variant 2 (Sh3md4), mRNA [XM_001054117]	8,868
Rbm20	Rattus norvegicus RNA binding motif protein 20 (Rbm20), mRNA [NM_001107611]	8,868
Vcpip1	Rattus norvegicus valosin containing protein (p97)/p47 complex interacting protein 1 (Vcpip1), mRNA [NM_176857]	8,865
0	Rattus sp. membrane protein-73 mRNA, partial cds; mitochondrial gene for mitochondrial product. [S63519]	8,864
0	Rattus norvegicus TL0AAA50YN10 mRNA sequence. [FQ212883]	8,863
Ebi3	Rattus norvegicus Epstein-Barr virus induced 3 (Ebi3), mRNA [NM_001109421]	8,862
B4galt7	Rattus norvegicus xylosylprotein beta1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I) (B4galt7), mRNA [NM_001031661]	8,862
Gtpbp2	Rattus norvegicus GTP binding protein 2 (Gtpbp2), mRNA [NM_001013225]	8,860
Zfp36l3	PREDICTED: Rattus norvegicus zinc finger protein 36, C3H type-like 3 (Zfp36l3), mRNA [XM_001053657]	8,860

Znf532	Rattus norvegicus zinc finger protein 532 (Znf532), mRNA [NM_001107382]	8,859
Spetex-2F	Rattus norvegicus Spetex-2F protein (Spetex-2F), mRNA [NM_001009968]	8,859
Acr	Rattus norvegicus acrosin (Acr), mRNA [NM_012490]	8,855
Slc5a1	Rattus norvegicus solute carrier family 5 (sodium/glucose cotransporter), member 1 (Slc5a1), mRNA [NM_013033]	8,853
Pttg1	Rattus norvegicus pituitary tumor-transforming 1 (Pttg1), mRNA [NM_022391]	8,852
Slc1a1	Rattus norvegicus solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1 (Slc1a1), mRNA [NM_013032]	8,848
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000059076]	8,846
RGD1307799	Rattus norvegicus similar to RIKEN cDNA 2400003C14 (RGD1307799), mRNA [NM_001017454]	8,845
0	Unknown	8,843
Ddx24	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 24 (Ddx24), mRNA [NM_199119]	8,842
LOC100360849	PREDICTED: Rattus norvegicus hypothetical protein LOC100360849 (LOC100360849), mRNA [XM_002729568]	8,841
Fam188a	Rattus norvegicus family with sequence similarity 188, member A (Fam188a), mRNA [NM_001106122]	8,838
Olr311	Rattus norvegicus olfactory receptor 311 (Olr311), mRNA [NM_001000555]	8,837
39326	Rattus norvegicus septin 7 (Sept7), transcript variant 2, mRNA [NM_001113740]	8,836
0	Unknown	8,836
Acer3	PREDICTED: Rattus norvegicus phytoceramidase, alkaline (Phca), mRNA [XM_001065019]	8,836
RGD1310587	Rattus norvegicus similar to hypothetical protein FLJ14146 (RGD1310587), mRNA [NM_001100857]	8,833
0	Rattus norvegicus similar to putative pheromone receptor (LOC302028), mRNA [XM_229568]	8,831
0	Unknown	8,831
Atox1	Rattus norvegicus ATX1 antioxidant protein 1 homolog (yeast) (Atox1), mRNA [NM_053359]	8,830
Nupl1	Rattus norvegicus nucleoporin like 1 (Nupl1), mRNA [NM_139091]	8,827
Calca	Rattus norvegicus calcitonin-related polypeptide alpha (Calca), transcript variant 2, mRNA [NM_001033955]	8,825
0	Unknown	8,823
Pctk2	Rattus norvegicus PCTAIRE protein kinase 2 (Pctk2), mRNA [NM_001108082]	8,821
RGD1561102	Rattus norvegicus similar to ribosomal protein S12 (RGD1561102), mRNA [NM_001106777]	8,821
Cited1	Rattus norvegicus Cbp/p300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain 1 (Cited1), mRNA [NM_172055]	8,820
Uchl1	Rattus norvegicus ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) (Uchl1), mRNA [NM_017237]	8,818
0	Unknown	8,818
RGD1565806	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9L3] [ENSRNOT00000035742]	8,817
Ins1	Rattus norvegicus insulin 1 (Ins1), mRNA [NM_019129]	8,816
Gucy2d	Rattus norvegicus guanylate cyclase 2d (Gucy2d), mRNA [NM_130737]	8,815
Olr1253	Rattus norvegicus olfactory receptor 1253 (Olr1253), mRNA [NM_001000805]	8,815
Il3ra	Rattus norvegicus interleukin 3 receptor, alpha (Il3ra), mRNA [NM_139260]	8,813

0	PREDICTED: Rattus norvegicus similar to monoacylglycerol O-acyltransferase 2 (LOC685560), mRNA [XM_001064308]	8,813
Cyth3	Rattus norvegicus cytohesin 3 (Cyth3), mRNA [NM_053912]	8,810
Traf3	Rattus norvegicus Tnf receptor-associated factor 3 (Traf3), mRNA [NM_001108724]	8,810
Iqub	Rattus norvegicus IQ motif and ubiquitin domain containing (Iqub), mRNA [NM_001034130]	8,809
Cyr61	Rattus norvegicus cysteine-rich, angiogenic inducer, 61 (Cyr61), mRNA [NM_031327]	8,809
Zrsr2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHQ8] [ENSRNOT00000045300]	8,808
0	Unknown	8,807
Tpd5211	Rattus norvegicus tumor protein D52-like 1 (Tpd5211), mRNA [NM_001044295]	8,804
Slc25a46	Rattus norvegicus solute carrier family 25, member 46 (Slc25a46), mRNA [NM_001100515]	8,802
Leptol1	Rattus norvegicus leptin receptor overlapping transcript-like 1 (Leptol1), mRNA [NM_001013188]	8,802
Lgals8	Rattus norvegicus lectin, galactoside-binding, soluble, 8 (Lgals8), mRNA [NM_053862]	8,801
0	LRRGT00181 [Source:UniProtKB/TrEMBL;Acc:Q6QI27] [ENSRNOT00000041132]	8,800
LOC681820	PREDICTED: Rattus norvegicus hypothetical protein LOC681820 (LOC681820), mRNA [XM_001058575]	8,800
LOC691153	Rattus norvegicus hypothetical protein LOC691153 (LOC691153), mRNA [NM_001109627]	8,800
Fam134b	Rattus norvegicus family with sequence similarity 134, member B (Fam134b), mRNA [NM_001034912]	8,799
Zfp161	Rattus norvegicus zinc finger protein 161 (Zfp161), mRNA [NM_172325]	8,799
Kcna5	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, member 5 (Kcna5), mRNA [NM_012972]	8,799
0	Unknown	8,798
Rab11fip2	Rattus norvegicus RAB11 family interacting protein 2 (class I) (Rab11fip2), mRNA [NM_001107447]	8,798
Npm3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYK9] [ENSRNOT00000023963]	8,797
0	immunoglobulin joining chain Gene [Source:MGI Symbol;Acc:MGI:96493] [ENSRNOT00000004866]	8,797
Hsd17b8	Rattus norvegicus hydroxysteroid (17-beta) dehydrogenase 8 (Hsd17b8), mRNA [NM_212529]	8,796
Atmin	Rattus norvegicus ATM interactor (Atmin), mRNA [NM_001191786]	8,796
Casp6	Rattus norvegicus caspase 6 (Casp6), mRNA [NM_031775]	8,795
Cacna2d1	Rattus norvegicus calcium channel, voltage-dependent, alpha2/delta subunit 1 (Cacna2d1), transcript variant 2, mRNA [NM_001110848]	8,794
LOC684270	PREDICTED: Rattus norvegicus similar to isochorismatase domain containing 2, transcript variant 2 (LOC684270), mRNA [XM_001059344]	8,794
0	Unknown	8,793
LOC683720	PREDICTED: Rattus norvegicus similar to keratin 6L (LOC683720), mRNA [XM_002726981]	8,788
Ripk1	Rattus norvegicus receptor (TNFRSF)-interacting serine-threonine kinase 1 (Ripk1), mRNA [NM_001107350]	8,788
0	Unknown	8,787
Alg9	Rattus norvegicus asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae) (Alg9), mRNA [NM_001109000]	8,786
Rpl10l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1P2] [ENSRNOT00000047597]	8,784
RGD1566010	PREDICTED: Rattus norvegicus RGD1566010 (RGD1566010), mRNA [XM_001067260]	8,784
0	Unknown	8,783

Fam96b	Rattus norvegicus family with sequence similarity 96, member B (Fam96b), mRNA [NM_001144854]	8,782
Plcb1	Rattus norvegicus phospholipase C, beta 1 (phosphoinositide-specific) (Plcb1), mRNA [NM_001077641]	8,781
0	Unknown	8,780
Tox	Rattus norvegicus thymocyte selection-associated high mobility group box (Tox), mRNA [NM_001108654]	8,779
RGD1305508	PREDICTED: Rattus norvegicus similar to hypothetical protein MGC23280 (RGD1305508), miscRNA [XR_009409]	8,778
0	PREDICTED: Rattus norvegicus similar to keratinocytes proline-rich protein, transcript variant 1 (LOC686143), mRNA [XM_001066677]	8,777
Dhrsx	Rattus norvegicus dehydrogenase/reductase (SDR family) X-linked (Dhrsx), mRNA [NM_001105914]	8,777
Raly	Rattus norvegicus RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)) (Raly), mRNA [NM_001011958]	8,777
0	Unknown	8,775
Gmfb	Rattus norvegicus glia maturation factor, beta (Gmfb), mRNA [NM_031032]	8,775
Nr1d2	Rattus norvegicus nuclear receptor subfamily 1, group D, member 2 (Nr1d2), mRNA [NM_147210]	8,775
Zfp191	Rattus norvegicus zinc finger protein 191 (Zfp191), mRNA [NM_182955]	8,773
0	Unknown	8,772
Pgm1	Rattus norvegicus phosphoglucomutase 1 (Pgm1), mRNA [NM_017033]	8,772
0	Rattus norvegicus similar to putative protein kinase (LOC308211), mRNA [XM_218001]	8,771
Ptcra	Pre T-cell antigen receptor alpha [Source:UniProtKB/Swiss-Prot;Acc:P0C6B3] [ENSRNOT00000067894]	8,771
Qsox2	Rattus norvegicus quiescin Q6 sulfhydryl oxidase 2 (Qsox2), mRNA [NM_001109434]	8,771
Vcan	Rattus norvegicus versican (Vcan), transcript variant 2, mRNA [NM_053663]	8,770
Tnfrsf12a	Rattus norvegicus tumor necrosis factor receptor superfamily, member 12a (Tnfrsf12a), mRNA [NM_181086]	8,768
RGD1562310	Rattus norvegicus similar to hypothetical protein FLJ21415 (RGD1562310), mRNA [NM_001109066]	8,767
Zbtb33	Rattus norvegicus zinc finger and BTB domain containing 33 (Zbtb33), mRNA [NM_001109314]	8,765
Anapc11	Rattus norvegicus anaphase promoting complex subunit 11 (Anapc11), mRNA [NM_001126082]	8,764
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000050021]	8,764
Mcf2	Rattus norvegicus multiple coagulation factor deficiency 2 (Mcf2), mRNA [NM_139253]	8,763
Pipox	Rattus norvegicus pipecolic acid oxidase (Pipox), mRNA [NM_001012009]	8,761
Tgm2	Rattus norvegicus transglutaminase 2, C polypeptide (Tgm2), mRNA [NM_019386]	8,760
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC311121), mRNA [XM_230014]	8,760
Akt3	Rattus norvegicus v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) (Akt3), mRNA [NM_031575]	8,758
Tbc1d22b	Rattus norvegicus TBC1 domain family, member 22B (Tbc1d22b), mRNA [NM_001025059]	8,757
Asb6	Rattus norvegicus ankyrin repeat and SOCS box-containing 6 (Asb6), mRNA [NM_001011963]	8,757
RGD1561890	PREDICTED: Rattus norvegicus similar to craniofacial development protein 1 (RGD1561890), mRNA [XM_233989]	8,754
Crtap	Rattus norvegicus cartilage associated protein (Crtap), mRNA [NM_001108785]	8,754
Calcb	Rattus norvegicus calcitonin-related polypeptide, beta (Calcb), mRNA [NM_138513]	8,752

LOC301193	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC301193), mRNA [XM_002727321]	8,750
Pik3r1	Rattus norvegicus phosphoinositide-3-kinase, regulatory subunit 1 (alpha) (Pik3r1), mRNA [NM_013005]	8,749
Hs3st6	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 6 (Hs3st6), mRNA [NM_001109450]	8,747
Orc3l	Rattus norvegicus origin recognition complex, subunit 3-like (yeast) (Orc3l), mRNA [NM_001025282]	8,747
Peo1	Rattus norvegicus progressive external ophthalmoplegia 1 (Peo1), mRNA [NM_001107599]	8,747
Cdc40	Rattus norvegicus cell division cycle 40 homolog (S. cerevisiae) (Cdc40), mRNA [NM_001108538]	8,746
Krtap3-1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZR8] [ENSRNOT00000016752]	8,746
Dbi	Rattus norvegicus LRRGT00046 mRNA, complete cds. [AY383701]	8,744
Aqp4	Rattus norvegicus aquaporin 4 (Aqp4), transcript variant 2, mRNA [NM_001142366]	8,744
0	Unknown	8,743
Neur11B	Rattus norvegicus neuralized homolog 1B (Drosophila) (Neur11B), mRNA [NM_001142652]	8,743
Lmbr1	Rattus norvegicus limb region 1 homolog (mouse) (Lmbr1), mRNA [NM_001191858]	8,742
Tmbim1	Rattus norvegicus transmembrane BAX inhibitor motif containing 1 (Tmbim1), mRNA [NM_001007713]	8,741
Arhgap4	Rattus norvegicus Rho GTPase activating protein 4 (Arhgap4), mRNA [NM_144740]	8,741
Spint2	Rattus norvegicus serine peptidase inhibitor, Kunitz type, 2 (Spint2), transcript variant 1, mRNA [NM_001082549]	8,741
Plekhf1	Rattus norvegicus pleckstrin homology domain containing, family F (with FYVE domain) member 1 (Plekhf1), mRNA [NM_001013148]	8,740
0	Unknown	8,740
Hist2h3c2	Rattus norvegicus histone cluster 2, H3c2 (Hist2h3c2), mRNA [NM_001107698]	8,740
Gm672	Rattus norvegicus gene model 672, (NCBI) (Gm672), mRNA [NM_001108891]	8,737
0	Unknown	8,737
0	Q2DQC2_9DELTA (Q2DQC2) HipA protein, DNA binding regulator, partial (5%) [TC592031]	8,737
Pla2g1b	Rattus norvegicus phospholipase A2, group IB, pancreas (Pla2g1b), mRNA [NM_031585]	8,736
Rab5a	Rattus norvegicus RAB5A, member RAS oncogene family (Rab5a), mRNA [NM_022692]	8,735
Pds5b	Rattus norvegicus PDS5, regulator of cohesion maintenance, homolog B (S. cerevisiae) (Pds5b), transcript variant 1, mRNA [NM_001102383]	8,735
Calml3	Rattus norvegicus calmodulin-like 3 (Calml3), mRNA [NM_001012054]	8,735
Unc13b	Rattus norvegicus unc-13 homolog B (C. elegans) (Unc13b), transcript variant 2, mRNA [NM_001042579]	8,734
Zcchc7	Rattus norvegicus zinc finger, CCHC domain containing 7 (Zcchc7), mRNA [NM_001106658]	8,734
0	Nuclear receptor coactivator 3 [Source:UniProtKB/Swiss-Prot;Acc:Q9EPU2] [ENSRNOT00000044234]	8,730
Coch	cochlin [Source:RefSeq peptide;Acc:NP_001102180] [ENSRNOT00000007365]	8,728
0	Unknown	8,728
Tshz1	BC017636 Sdccag33 protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (27%) [TC593766]	8,728
Krt14	Rattus norvegicus keratin 14 (Krt14), mRNA [NM_001008751]	8,728
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXM8] [ENSRNOT00000059741]	8,727

Cst3	Rattus norvegicus cystatin C (Cst3), mRNA [NM_012837]	8,727
Il1rapl1	Rattus norvegicus interleukin 1 receptor accessory protein-like 1 (Il1rapl1), mRNA [NM_177935]	8,726
Lyn	Rattus norvegicus v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (Lyn), transcript variant 1, mRNA [NM_030857]	8,726
LOC497848	PREDICTED: Rattus norvegicus hypothetical LOC497848 (LOC497848), miscRNA [XR_006411]	8,725
0	Cytoplasmic polyadenylation element binding protein 2 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHK8] [ENSRNOT00000006727]	8,725
Gulo	Rattus norvegicus gulonolactone (L-) oxidase (Gulo), mRNA [NM_022220]	8,724
0	Unknown	8,724
Nsfl1c	Rattus norvegicus NSFL1 (p97) cofactor (p47) (Nsfl1c), mRNA [NM_031981]	8,723
Acly	Rattus norvegicus ATP citrate lyase (Acly), transcript variant 1, mRNA [NM_016987]	8,723
Znf394	Rattus norvegicus zinc finger protein 394 (Znf394), mRNA [NM_145724]	8,721
Adi1	Rattus norvegicus acireductone dioxygenase 1 (Adi1), mRNA [NM_199097]	8,721
Ctbp1	Rattus norvegicus C-terminal binding protein 1 (Ctbp1), mRNA [NM_019201]	8,720
Aof1	Rattus norvegicus amine oxidase (flavin containing) domain 1 (Aof1), mRNA [NM_001107343]	8,719
Fzd9	Rattus norvegicus frizzled homolog 9 (Drosophila) (Fzd9), mRNA [NM_153305]	8,718
Myc	Rattus norvegicus myelocytomatosis oncogene (Myc), mRNA [NM_012603]	8,717
Stk11ip	Rattus norvegicus serine/threonine kinase 11 interacting protein (Stk11ip), mRNA [NM_001106922]	8,716
Der1	Rattus norvegicus Der1-like domain family, member 1 (Der1), mRNA [NM_001014202]	8,713
Dusp14	Rattus norvegicus dual specificity phosphatase 14 (Dusp14), mRNA [NM_001079893]	8,713
Echdc3	Rattus norvegicus enoyl Coenzyme A hydratase domain containing 3 (Echdc3), nuclear gene encoding mitochondrial protein, mRNA [NM_001101010]	8,712
LOC688562	PREDICTED: Rattus norvegicus similar to U1 small nuclear ribonucleoprotein C (U1 snRNP protein C) (U1C protein) (U1-C) (LOC688562), mRNA [XM_001067425]	8,711
Slc1a5	Rattus norvegicus solute carrier family 1 (neutral amino acid transporter), member 5 (Slc1a5), mRNA [NM_175758]	8,711
Tmem44	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADT4] [ENSRNOT00000002353]	8,711
0	Unknown	8,709
Nmnat3	Rattus norvegicus nicotinamide nucleotide adenylyltransferase 3 (Nmnat3), nuclear gene encoding mitochondrial protein, mRNA [NM_001013224]	8,709
Prtn3	Rattus norvegicus proteinase 3 (Prtn3), mRNA [NM_001024264]	8,706
Mamdc4	Rattus norvegicus MAM domain containing 4 (Mamdc4), mRNA [NM_145768]	8,706
Gap43	Rattus norvegicus growth associated protein 43 (Gap43), mRNA [NM_017195]	8,705
LOC296884	Rattus norvegicus cDNA clone IMAGE:7132615. [BC083591]	8,703
Zfp426l	Rattus norvegicus zinc finger protein 426-like (Zfp426l), mRNA [NM_001135018]	8,703
0	Unknown	8,702
0	Rattus norvegicus similar to 60S ribosomal protein L10 (QM protein homolog) (LOC301174), mRNA [XM_236837]	8,701

Grid1	Rattus norvegicus glutamate receptor, ionotropic, delta 1 (Grid1), mRNA [NM_024378]	8,701
LOC499843	Rattus norvegicus LRRGT00091 (LOC499843), mRNA [NM_001047953]	8,701
Impact	Rattus norvegicus imprinted and ancient (Impact), mRNA [NM_001012235]	8,700
Sae1	Rattus norvegicus SUMO1 activating enzyme subunit 1 (Sae1), mRNA [NM_001012063]	8,700
Gnpda2	Rattus norvegicus glucosamine-6-phosphate deaminase 2 (Gnpda2), mRNA [NM_001106005]	8,700
LOC500118	Rattus norvegicus similar to RIKEN cDNA D330028D13 (LOC500118), mRNA [NM_001025771]	8,700
0	Unknown	8,696
RGD1559985	PREDICTED: Rattus norvegicus similar to chromosome 10 open reading frame 92 (RGD1559985), mRNA [XM_574582]	8,695
0	Unknown	8,694
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A283] [ENSRNOT00000007407]	8,693
Pdcl	Rattus norvegicus phosducin-like (Pdcl), mRNA [NM_022247]	8,690
Tspan12	Rattus norvegicus tetraspanin 12 (Tspan12), mRNA [NM_001015026]	8,688
Elmod2	Rattus norvegicus ELMO/CED-12 domain containing 2 (Elmod2), mRNA [NM_001109506]	8,686
Adh1	Rattus norvegicus alcohol dehydrogenase 1 (class I) (Adh1), mRNA [NM_019286]	8,684
Zkscan3	Rattus norvegicus zinc finger with KRAB and SCAN domains 3 (Zkscan3), mRNA [NM_001012053]	8,683
RGD1309374	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZU62] [ENSRNOT00000020492]	8,683
Rasa2	Rattus norvegicus RAS p21 protein activator 2 (Rasa2), mRNA [NM_001105724]	8,682
Polb	Rattus norvegicus polymerase (DNA directed), beta (Polb), mRNA [NM_017141]	8,681
0	Unknown	8,678
Clu	Rattus norvegicus clusterin (Clu), mRNA [NM_053021]	8,678
Tmem170b	Rattus norvegicus transmembrane protein 170B (Tmem170b), mRNA [NM_001008774]	8,677
Trappc3	Rattus norvegicus trafficking protein particle complex 3 (Trappc3), mRNA [NM_001008376]	8,677
Ypel3	Rattus norvegicus yippee-like 3 (Drosophila) (Ypel3), mRNA [NM_001135698]	8,677
Glipr2	PREDICTED: Rattus norvegicus GLI pathogenesis-related 2 (Glipr2), mRNA [XM_001054584]	8,677
Usp20	Rattus norvegicus ubiquitin specific peptidase 20 (Usp20), mRNA [NM_001107827]	8,674
RGD1311080	PREDICTED: Rattus norvegicus similar to RIKEN cDNA A930038C07 (RGD1311080), miscRNA [XR_008378]	8,673
Immt	Rattus norvegicus inner membrane protein, mitochondrial (Immt), nuclear gene encoding mitochondrial protein, mRNA [NM_001034928]	8,673
RGD1305793	Rattus norvegicus similar to hypothetical protein FLJ20154 (RGD1305793), mRNA [NM_001127484]	8,672
Ddr2	Rattus norvegicus discoidin domain receptor tyrosine kinase 2 (Ddr2), mRNA [NM_031764]	8,672
Camk4	Rattus norvegicus calcium/calmodulin-dependent protein kinase IV (Camk4), mRNA [NM_012727]	8,670
0	Unknown	8,668
Zfp853	PREDICTED: Rattus norvegicus zinc finger protein 853 (Zfp853), mRNA [XM_002724787]	8,666
Cdc3711	Rattus norvegicus cell division cycle 37 homolog (S. cerevisiae)-like 1 (Cdc3711), mRNA [NM_001011941]	8,666
0	Unknown	8,663

Lce1m	Rattus norvegicus late cornified envelope 1M (Lce1m), mRNA [NM_001109500]	8,663
LOC363746	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S7 (S8) (LOC363746), miscRNA [XR_006358]	8,663
0	Unknown	8,661
Ttc13	Rattus norvegicus tetratricopeptide repeat domain 13 (Ttc13), mRNA [NM_001136162]	8,656
Srpk1	Rattus norvegicus SFRS protein kinase 1 (Srpk1), mRNA [NM_001025726]	8,656
Adpgk	Rattus norvegicus ADP-dependent glucokinase (Adpgk), mRNA [NM_001100723]	8,655
0	Unknown	8,655
LOC680262	PREDICTED: Rattus norvegicus hypothetical protein LOC680262, transcript variant 1 (LOC680262), mRNA [XM_001056376]	8,653
LOC691543	Rattus norvegicus hypothetical protein LOC691543 (LOC691543), mRNA [NM_001109645]	8,653
0	AA996428 UI-R-C0-he-g-09-0-UI.s1 UI-R-C0 Rattus norvegicus cDNA clone UI-R-C0-he-g-09-0-UI 3', mRNA sequence [AA996428]	8,650
LOC683402	Rattus norvegicus similar to AP-3 complex subunit sigma-2 (Adapter-related protein complex 3 sigma-2 subunit) (Sigma-adaptin 3b) (AP-3 complex sigma-3B subunit) (Sigma-3B-adaptin) (LOC683402), mRNA [NM_001115039]	8,649
Nlk	Rattus norvegicus nemo like kinase (Nlk), mRNA [NM_001191924]	8,649
Spata18	Rattus norvegicus spermatogenesis associated 18 (Spata18), mRNA [NM_199374]	8,648
Cr1l	Rattus norvegicus complement component (3b/4b) receptor 1-like (Cr1l), transcript variant 3, mRNA [NM_001005265]	8,647
0	Unknown	8,646
Fam155b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4E6] [ENSRNOT00000057920]	8,646
Lman1	Rattus norvegicus lectin, mannose-binding, 1 (Lman1), mRNA [NM_053886]	8,645
0	Unknown	8,644
0	Unknown	8,643
Tarsl2	Rattus norvegicus threonyl-tRNA synthetase-like 2 (Tarsl2), mRNA [NM_001014020]	8,643
0	Unknown	8,643
Ldb1	Rattus norvegicus LIM domain binding 1 (Ldb1), mRNA [NM_001107601]	8,643
0	Unknown	8,642
Tmed9	Rattus norvegicus transmembrane emp24 protein transport domain containing 9 (Tmed9), mRNA [NM_001009703]	8,641
Rnf152	Rattus norvegicus ring finger protein 152 (Rnf152), mRNA [NM_001106305]	8,641
Kif5a	Rattus norvegicus kinesin family member 5A (Kif5a), mRNA [NM_212523]	8,640
Trappc2	Rattus norvegicus trafficking protein particle complex 2 (Trappc2), mRNA [NM_001024965]	8,639
RGD1559679	PREDICTED: Rattus norvegicus similar to Interferon alpha-1 precursor (RGD1559679), mRNA [XM_578466]	8,638
0	Unknown	8,638
Prrg4	Rattus norvegicus proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane) (Prrg4), mRNA [NM_001109203]	8,636
Zfp709	Rattus norvegicus zinc finger protein 709 (Zfp709), mRNA [NM_153731]	8,635
Bend5	Rattus norvegicus BEN domain containing 5 (Bend5), mRNA [NM_001108672]	8,635
Brca2	Rattus norvegicus breast cancer 2 (Brca2), mRNA [NM_031542]	8,635

Arl4c	PREDICTED: Rattus norvegicus ADP-ribosylation factor-like 4C (Arl4c), miscRNA [XR_086347]	8,634
Btg3	Rattus norvegicus BTG family, member 3 (Btg3), mRNA [NM_019290]	8,633
Ccdc56	Rattus norvegicus coiled-coil domain containing 56 (Ccdc56), mRNA [NM_001109047]	8,631
0	Unknown	8,631
Letm2	Rattus norvegicus leucine zipper-EF-hand containing transmembrane protein 2 (Letm2), nuclear gene encoding mitochondrial protein, mRNA [NM_001012158]	8,631
St3gal2	Rattus norvegicus ST3 beta-galactoside alpha-2,3-sialyltransferase 2 (St3gal2), mRNA [NM_031695]	8,630
Psmb11	Rattus norvegicus proteasome (prosome, macropain) subunit, beta type, 11 (Psmb11), mRNA [NM_001106032]	8,629
Zdhhc15	Rattus norvegicus zinc finger, DHHC-type containing 15 (Zdhhc15), mRNA [NM_001039101]	8,629
0	Unknown	8,629
Akap2	Rattus norvegicus A kinase (PRKA) anchor protein 2 (Akap2), mRNA [NM_001011974]	8,629
Zbtb10	Rattus norvegicus zinc finger and BTB domain containing 10 (Zbtb10), mRNA [NM_024489]	8,629
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A391] [ENSRNOT00000066991]	8,628
Ftsjd1	Rattus norvegicus FtsJ methyltransferase domain containing 1 (Ftsjd1), mRNA [NM_001106186]	8,627
Duox1	Rattus norvegicus dual oxidase 1 (Duox1), mRNA [NM_153739]	8,627
Wdr60	Rattus norvegicus WD repeat domain 60 (Wdr60), mRNA [NM_001191773]	8,627
0	Unknown	8,626
Cdh29	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AAX3] [ENSRNOT00000046259]	8,626
Blvrb	Rattus norvegicus biliverdin reductase B (flavin reductase (NADPH)) (Blvrb), mRNA [NM_001106236]	8,626
Siah2	Rattus norvegicus seven in absentia 2 (Siah2), mRNA [NM_134457]	8,625
0	Unknown	8,625
RT1-S3	Rattus norvegicus RT1 class Ib, locus S3 (RT1-S3), mRNA [NM_001008886]	8,625
Prr5l	Rattus norvegicus proline rich 5 like (Prr5l), mRNA [NM_001080150]	8,625
Ormdl3	Rattus norvegicus ORM1-like 3 (<i>S. cerevisiae</i>) (Ormdl3), mRNA [NM_001047897]	8,624
RGD1561582	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHH6] [ENSRNOT00000006999]	8,623
Pcdhgb8	Rattus norvegicus protocadherin gamma subfamily B, 8 (Pcdhgb8), mRNA [NM_001037159]	8,623
Rwdd4	Rattus norvegicus RWD domain containing 4A (Rwdd4), mRNA [NM_001034994]	8,622
Tmem2	Rattus norvegicus transmembrane protein 2 (Tmem2), mRNA [NM_001107596]	8,618
0	Unknown	8,615
Cdyl	Rattus norvegicus chromodomain protein, Y-like (Cdyl), mRNA [NM_001014145]	8,614
Man1c1	Rattus norvegicus mannosidase, alpha, class 1C, member 1 (Man1c1), mRNA [NM_001108687]	8,613
Spry4	Rattus norvegicus sprouty homolog 4 (<i>Drosophila</i>) (Spry4), mRNA [NM_001106150]	8,613
Arhgap5	Rattus norvegicus Rho GTPase activating protein 5 (Arhgap5), mRNA [NM_001047869]	8,611
Sardh	Rattus norvegicus sarcosine dehydrogenase (Sardh), nuclear gene encoding mitochondrial protein, mRNA [NM_053664]	8,610

0	FM095807 etnofat Rattus norvegicus cDNA clone etnofatP0038D05 5', mRNA sequence [FM095807]	8,610
Itsn1	Rattus norvegicus intersectin 1 (SH3 domain protein) (Itsn1), transcript variant 2, mRNA [NM_019227]	8,610
RT1-T24-2	Rattus norvegicus RT1 class I, locus T24, gene 2 (RT1-T24-2), non-coding RNA [NR_002151]	8,609
Recql5	Rattus norvegicus RecQ protein-like 5 (Recql5), mRNA [NM_001105853]	8,609
0	Unknown	8,608
Rhbdd3	Rattus norvegicus rhomboid domain containing 3 (Rhbdd3), mRNA [NM_001013875]	8,607
Ndufs7	Rattus norvegicus NADH dehydrogenase (ubiquinone) Fe-S protein 7 (Ndufs7), nuclear gene encoding mitochondrial protein, mRNA [NM_001008525]	8,607
Fkbp3	Rattus norvegicus FK506 binding protein 3 (Fkbp3), mRNA [NM_001106736]	8,607
Agps	Rattus norvegicus alkylglycerone phosphate synthase (Agps), mRNA [NM_053350]	8,607
Lipogenin	Rattus norvegicus Lipogenin (Lipogenin), mRNA [NM_145790]	8,606
Gorasp2	Rattus norvegicus golgi reassembly stacking protein 2 (Gorasp2), mRNA [NM_001007720]	8,603
0	Unknown	8,600
Tssk4	Rattus norvegicus testis-specific serine kinase 4 (Tssk4), mRNA [NM_001110487]	8,600
0	Unknown	8,600
Fam115a	Similar to mKIAA0738 protein (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8A4] [ENSRNOT00000024428]	8,600
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE74] [ENSRNOT00000050658]	8,600
Foxq1	Rattus norvegicus forkhead box Q1 (Foxq1), mRNA [NM_022858]	8,598
Wdr1	Rattus norvegicus WD repeat domain 1 (Wdr1), mRNA [NM_001014135]	8,598
Gpc3	Rattus norvegicus glypican 3 (Gpc3), mRNA [NM_012774]	8,598
Hiatl1	Rattus norvegicus hippocampus abundant transcript-like 1 (Hiatl1), mRNA [NM_001107334]	8,597
0	Suppressor of G2 allele of SKP1 homolog [Source:UniProtKB/Swiss-Prot;Acc:B0BN85] [ENSRNOT00000042606]	8,597
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR7] [ENSRNOT00000059076]	8,596
Slc6a6	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, taurine), member 6 (Slc6a6), mRNA [NM_017206]	8,596
0	Kinesin-like protein kif1a [Source:UniProtKB/TrEMBL;Acc:Q2P9S1] [ENSRNOT00000050557]	8,595
Cyb561	Rattus norvegicus cytochrome b-561 (Cyb561), mRNA [NM_001107056]	8,595
Ly96	Rattus norvegicus lymphocyte antigen 96 (Ly96), mRNA [NM_001024279]	8,594
RGD1310348	Rattus norvegicus similar to Ser/Thr-rich protein T10 in DGCR region (RGD1310348), mRNA [NM_001108323]	8,593
0	Rattus norvegicus similar to putative homeobox protein (LOC294473), mRNA [XM_228242]	8,593
0	Unknown	8,593
Rasa4	PREDICTED: Rattus norvegicus similar to Rasa4 protein, transcript variant 1 (RGD1565457), mRNA [XM_002724808]	8,592
LOC680716	PREDICTED: Rattus norvegicus hypothetical protein LOC680716 (LOC680716), mRNA [XM_001058554]	8,592
Ahnak	Rattus norvegicus AHNAK nucleoprotein (Ahnak), mRNA [NM_001191951]	8,591

Nln	Rattus norvegicus neurolysin (metallopeptidase M3 family) (Nln), nuclear gene encoding mitochondrial protein, mRNA [NM_053970]	8,591
Ly86	Rattus norvegicus lymphocyte antigen 86 (Ly86), mRNA [NM_001106128]	8,591
Mlxipl	Rattus norvegicus MLX interacting protein-like (Mlxipl), mRNA [NM_133552]	8,591
Fam55c	Rattus norvegicus family with sequence similarity 55, member C (Fam55c), mRNA [NM_001109435]	8,590
Ndufa10l1	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10-like 1 (Ndufa10l1), mRNA [NM_182671]	8,589
Aqp5	Rattus norvegicus aquaporin 5 (Aqp5), mRNA [NM_012779]	8,587
Pcdh17	Rattus norvegicus protocadherin 17 (Pcdh17), mRNA [NM_001107279]	8,587
0	Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC364949), mRNA [XM_344727]	8,585
Prkd3	Rattus norvegicus protein kinase D3 (Prkd3), mRNA [NM_001024263]	8,584
Nlrp1a	Rattus norvegicus NLR family, pyrin domain containing 1A (Nlrp1a), mRNA [NM_001145755]	8,584
N-pac	Rattus norvegicus cytokine-like nuclear factor n-pac (N-pac), mRNA [NM_001007800]	8,583
Kpna1	Rattus norvegicus karyopherin alpha 1 (Kpna1), mRNA [NM_198726]	8,583
0	Unknown	8,583
Nrp2	Rattus norvegicus neuropilin 2 (Nrp2), mRNA [NM_030869]	8,582
Cst11	Rattus norvegicus cystatin 11 (Cst11), mRNA [NM_139085]	8,582
Map3k7ip1	Rattus norvegicus mitogen-activated protein kinase kinase kinase 7 interacting protein 1 (Map3k7ip1), mRNA [NM_001109976]	8,582
Sfrs11	Rattus norvegicus splicing factor, arginine/serine-rich 11 (Sfrs11), mRNA [NM_001035255]	8,582
Ucp2	Rattus norvegicus uncoupling protein 2 (mitochondrial, proton carrier) (Ucp2), nuclear gene encoding mitochondrial protein, mRNA [NM_019354]	8,582
LOC100361404	PREDICTED: Rattus norvegicus hypothetical protein LOC100361404 (LOC100361404), mRNA [XM_002729057]	8,581
0	Unknown	8,579
0	Q3TS78_MOUSE (Q3TS78) In vitro fertilized eggs cDNA, RIKEN full-length enriched library, clone:7420459N23 product:transportin 1, full insert sequence. (Fragment), partial (11%) [TC640129]	8,578
RGD1559578	Rattus norvegicus RGD1559578 (RGD1559578), mRNA [NM_001134497]	8,578
Pgam5	Rattus norvegicus phosphoglycerate mutase family member 5 (Pgam5), nuclear gene encoding mitochondrial protein, mRNA [NM_001025272]	8,578
LOC680555	PREDICTED: Rattus norvegicus similar to EMI domain containing 1 (LOC680555), partial mRNA [XM_001057708]	8,577
0	Unknown	8,576
Dnajb6	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 6 (Dnajb6), mRNA [NM_001013209]	8,575
Rabac1	Rattus norvegicus Rab acceptor 1 (prenylated) (Rabac1), mRNA [NM_031774]	8,574
Mkrm2	Rattus norvegicus makorin, ring finger protein, 2 (Mkrm2), mRNA [NM_001008314]	8,574
0	Ig epsilon chain C region [Source:UniProtKB/Swiss-Prot;Acc:P01855] [ENSRNOT00000006912]	8,573
Hist1h1b	Rattus norvegicus histone cluster 1, H1b (Hist1h1b), mRNA [NM_001109417]	8,571
Ccdc58	Rattus norvegicus coiled-coil domain containing 58 (Ccdc58), mRNA [NM_001105875]	8,570
RGD1307235	Rattus norvegicus similar to RIKEN cDNA 2310035C23 (RGD1307235), mRNA [NM_001134546]	8,569
Dstn	Rattus norvegicus destrin (Dstn), mRNA [NM_001033666]	8,569

Glycam1	Rattus norvegicus glycosylation dependent cell adhesion molecule 1 (Glycam1), mRNA [NM_012794]	8,567
0	PREDICTED: Rattus norvegicus SRY-box containing gene 9 (LOC100361122), mRNA [XM_002727836]	8,564
LOC501282	PREDICTED: Rattus norvegicus similar to lymphocyte antigen 6 complex, locus E ligand (LOC501282), mRNA [XM_576697]	8,564
Sstr3	Rattus norvegicus somatostatin receptor 3 (Sstr3), mRNA [NM_133522]	8,562
Ttc3	Rattus norvegicus tetratricopeptide repeat domain 3 (Ttc3), mRNA [NM_001108315]	8,561
Dmtf1	Rattus norvegicus cyclin D binding myb-like transcription factor 1 (Dmtf1), mRNA [NM_053693]	8,560
0	Unknown	8,560
Bmp2k	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0Z6] [ENSRNOT00000060868]	8,559
Snrpb	Rattus norvegicus small nuclear ribonucleoprotein polypeptides B and B1 (Snrpb), mRNA [NM_134358]	8,559
Unc84b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ67] [ENSRNOT00000046399]	8,559
Ppp1r15b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 15b (Ppp1r15b), mRNA [NM_001107175]	8,558
RGD1311066	RGD1311066 protein Similar to RIKEN cDNA 0610011L14 gene [Source:UniProtKB/TrEMBL;Acc:B1WC03] [ENSRNOT00000027369]	8,558
Rpl24	Rattus norvegicus ribosomal protein L24 (Rpl24), mRNA [NM_022515]	8,556
RGD1561530	PREDICTED: Rattus norvegicus similar to Tle6 protein (RGD1561530), miscRNA [XR_009018]	8,555
0	Similar to intracellular membrane-associated calcium-independent phospholipase A2 gamma (Predicted), isoform CRA_b Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRC4] [ENSRNOT00000047296]	8,555
MGC94199	Rattus norvegicus similar to RIKEN cDNA 2610301B20; EST A1428449 (MGC94199), mRNA [NM_001007746]	8,555
Il8ra	Rattus norvegicus interleukin 8 receptor, alpha (Il8ra), mRNA [NM_019310]	8,554
Ribc1	Rattus norvegicus RIB43A domain with coiled-coils 1 (Ribc1), mRNA [NM_001007715]	8,551
Mmd	Rattus norvegicus monocyte to macrophage differentiation-associated (Mmd), mRNA [NM_001007673]	8,551
Fst	Rattus norvegicus follistatin (Fst), mRNA [NM_012561]	8,551
Pla2g2c	Rattus norvegicus phospholipase A2, group IIC (Pla2g2c), mRNA [NM_019202]	8,550
Sgtb	Rattus norvegicus small glutamine-rich tetratricopeptide repeat (TPR)-containing, beta (Sgtb), mRNA [NM_181629]	8,549
Cyp2c11	Rattus norvegicus cytochrome P450, subfamily 2, polypeptide 11 (Cyp2c11), mRNA [NM_019184]	8,548
Ndn	Rattus norvegicus necdin homolog (mouse) (Ndn), mRNA [NM_001008558]	8,548
Wdr13	Rattus norvegicus WD repeat domain 13 (Wdr13), mRNA [NM_001108247]	8,548
Lrrc38	Rattus norvegicus leucine rich repeat containing 38 (Lrrc38), mRNA [NM_001107991]	8,547
Mybphl	Rattus norvegicus myosin binding protein H-like (Mybphl), mRNA [NM_001014042]	8,547
Lppr4	Rattus norvegicus lipid phosphate phosphatase-related protein type 4 (Lppr4), mRNA [NM_001001508]	8,546
Fam21c	Rattus norvegicus family with sequence similarity 21, member C (Fam21c), mRNA [NM_199207]	8,545
Mettl9	Rattus norvegicus methyltransferase like 9 (Mettl9), mRNA [NM_001163164]	8,544
Tmie	Rattus norvegicus transmembrane inner ear (Tmie), mRNA [NM_001109299]	8,541
Nat9	Rattus norvegicus N-acetyltransferase 9 (GCN5-related, putative) (Nat9), mRNA [NM_001134835]	8,541
Ccdc115	coiled-coil domain-containing protein 115 [Source:RefSeq peptide;Acc:NP_001102263] [ENSRNOT00000017722]	8,541

Xpo5	Rattus norvegicus exportin 5 (Xpo5), mRNA [NM_001108789]	8,540
Cntnap4	Rattus norvegicus contactin associated protein-like 4 (Cntnap4), mRNA [NM_001107432]	8,540
LOC690333	Rattus norvegicus hypothetical protein LOC690333 (LOC690333), mRNA [NM_001109580]	8,538
Irf9	Rattus norvegicus interferon regulatory factor 9 (Irf9), mRNA [NM_001012041]	8,538
Maml1	Rattus norvegicus mastermind like 1 (Drosophila) (Maml1), mRNA [NM_001106997]	8,538
LOC500700	PREDICTED: Rattus norvegicus similar to chromosome 14 open reading frame 145 (LOC500700), miscRNA [XR_085864]	8,537
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZL00] [ENSRNOT00000056427]	8,536
Hdgfrp3	Rattus norvegicus hepatoma-derived growth factor, related protein 3 (Hdgfrp3), mRNA [NM_145785]	8,536
Gapdh	Rattus norvegicus glyceraldehyde-3-phosphate dehydrogenase (Gapdh), mRNA [NM_017008]	8,536
Syne1	Rattus norvegicus candidate plasticity protein 2b (cPG2B) mRNA, complete cds. [AY597251]	8,535
Chd1	Rattus norvegicus chromodomain helicase DNA binding protein 1 (Chd1), mRNA [NM_001107465]	8,534
Ckap5	Ckap5 protein [Source:UniProtKB/TrEMBL;Acc:Q32Q01] [ENSRNOT00000021837]	8,533
Vom2r12	Rattus norvegicus vomeronasal 2 receptor, 12 (Vom2r12), mRNA [NM_001099488]	8,532
Jmjd1c	Rattus norvegicus jumonji domain containing 1C (Jmjd1c), mRNA [NM_001191719]	8,530
Clcn3	Rattus norvegicus chloride channel 3 (Clcn3), mRNA [NM_053363]	8,529
Cant1	Rattus norvegicus calcium activated nucleotidase 1 (Cant1), mRNA [NM_144754]	8,529
Ankrd34c	Rattus norvegicus ankyrin repeat domain 34C (Ankrd34c), mRNA [NM_001106845]	8,528
Tmco1	Rattus norvegicus transmembrane and coiled-coil domains 1 (Tmco1), mRNA [NM_001009631]	8,526
MGC112883	Rattus norvegicus LOC500651 (MGC112883), mRNA [NM_001047743]	8,526
Cyp2w1	PREDICTED: Rattus norvegicus cytochrome P450, family 2, subfamily W, polypeptide 1 (Cyp2w1), mRNA [XM_001074391]	8,525
0	Unknown	8,525
0	Unknown	8,523
Eaf1	Rattus norvegicus ELL associated factor 1 (Eaf1), mRNA [NM_001107293]	8,522
LOC687056	Rattus norvegicus hypothetical protein LOC687056 (LOC687056), mRNA [NM_001134996]	8,522
0	Unknown	8,518
Vangl1	Rattus norvegicus vang-like 1 (van gogh, Drosophila) (Vangl1), mRNA [NM_001109584]	8,518
Fxyd3	Rattus norvegicus FXYD domain-containing ion transport regulator 3 (Fxyd3), mRNA [NM_172317]	8,518
Csmd1	Rattus norvegicus CUB and Sushi multiple domains 1 (Csmd1), mRNA [NM_001037327]	8,518
Olr1201	Rattus norvegicus olfactory receptor 1201 (Olr1201), mRNA [NM_001000818]	8,517
Jph3	Rattus norvegicus junctophilin 3 (Jph3), mRNA [NM_001107437]	8,517
Trappc6a	Rattus norvegicus trafficking protein particle complex 6A (Trappc6a), mRNA [NM_001109410]	8,517
0	Unknown	8,513
Aldh1l1	Rattus norvegicus aldehyde dehydrogenase 1 family, member L1 (Aldh1l1), mRNA [NM_022547]	8,512
Sost	Rattus norvegicus sclerosteosis (Sost), mRNA [NM_030584]	8,511

Acadsb	Rattus norvegicus acyl-Coenzyme A dehydrogenase, short/branched chain (Acadsb), nuclear gene encoding mitochondrial protein, mRNA [NM_013084]	8,511
Igfbp2	Rattus norvegicus insulin-like growth factor binding protein 2 (Igfbp2), mRNA [NM_013122]	8,510
Whamm	Rattus norvegicus WAS protein homolog associated with actin, golgi membranes and microtubules (Whamm), mRNA [NM_001130728]	8,510
0	PREDICTED: Rattus norvegicus mCG114897-like (LOC100363987), miscRNA [XR_085743]	8,508
LOC685513	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVY9] [ENSRNOT00000036953]	8,507
Prpsap2	Rattus norvegicus phosphoribosyl pyrophosphate synthetase-associated protein 2 (Prpsap2), mRNA [NM_057131]	8,506
LOC691692	PREDICTED: Rattus norvegicus hypothetical protein LOC691692 (LOC691692), mRNA [XM_001079285]	8,505
Snrpn	Rattus norvegicus small nuclear ribonucleoprotein polypeptide N (Snrpn), mRNA [NM_031117]	8,501
Pdcd6ip	Rattus norvegicus programmed cell death 6 interacting protein (Pdcd6ip), mRNA [NM_001029910]	8,500
Tll1	Rattus norvegicus tolloid-like 1 (Tll1), mRNA [NM_001106081]	8,499
Fgd4	Rattus norvegicus FYVE, RhoGEF and PH domain containing 4 (Fgd4), mRNA [NM_139263]	8,499
Rsph1	Rattus norvegicus radial spoke head 1 homolog (Chlamydomonas) (Rsph1), mRNA [NM_001012176]	8,497
0	PREDICTED: Rattus norvegicus CG13585-like (LOC100359425), mRNA [XM_002728168]	8,497
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2S8] [ENSRNOT00000034757]	8,496
Snx29	Rattus norvegicus sorting nexin 29 (Snx29), mRNA [NM_001109526]	8,495
Magix	Rattus norvegicus MAGI family member, X-linked (Magix), mRNA [NM_001014109]	8,495
0	Unknown	8,494
Qprt	Rattus norvegicus quinolinate phosphoribosyltransferase (Qprt), mRNA [NM_001009646]	8,492
0	Unknown	8,492
Ccdc65	Rattus norvegicus coiled-coil domain containing 65 (Ccdc65), mRNA [NM_001014203]	8,490
Cltb	Rattus norvegicus clathrin, light chain (Lcb) (Cltb), mRNA [NM_053835]	8,487
Fam161a	Rattus norvegicus family with sequence similarity 161, member A (Fam161a), mRNA [NM_001013876]	8,487
Plcg1	Rattus norvegicus phospholipase C, gamma 1 (Plcg1), mRNA [NM_013187]	8,486
Loxl1	Rattus norvegicus lysyl oxidase-like 1 (Loxl1), mRNA [NM_001012125]	8,485
LOC680207	PREDICTED: Rattus norvegicus hypothetical protein LOC680207 (LOC680207), mRNA [XM_001056119]	8,484
Zdhhc14	Rattus norvegicus zinc finger, DHHC-type containing 14 (Zdhhc14), mRNA [NM_001039343]	8,484
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCX4] [ENSRNOT00000008851]	8,484
Mfsd9	Rattus norvegicus major facilitator superfamily domain containing 9 (Mfsd9), mRNA [NM_001108215]	8,482
Traf3ip2	Rattus norvegicus Traf3 interacting protein 2 (Traf3ip2), mRNA [NM_001044248]	8,481
Tpmt	Rattus norvegicus thiopurine S-methyltransferase (Tpmt), mRNA [NM_001079531]	8,481
0	PREDICTED: Rattus norvegicus dynein, axonemal, heavy polypeptide 9, transcript variant 2 (Dnah9), mRNA [XM_002724507]	8,480
Zfp189	Rattus norvegicus zinc finger protein 189 (Zfp189), mRNA [NM_001107930]	8,478
Dnm2	Rattus norvegicus dynamin 2 (Dnm2), mRNA [NM_013199]	8,477

Ap1ar	Rattus norvegicus adaptor-related protein complex 1 associated regulatory protein (Ap1ar), mRNA [NM_001191850]	8,477
Unc13a	Rattus norvegicus unc-13 homolog A (C. elegans) (Unc13a), mRNA [NM_022861]	8,476
Ahsa2	Rattus norvegicus AHA1, activator of heat shock protein ATPase homolog 2 (yeast) (Ahsa2), mRNA [NM_001107241]	8,475
Wnt1	Rattus norvegicus wingless-type MMTV integration site family, member 1 (Wnt1), mRNA [NM_001105714]	8,474
Asb2	Rattus norvegicus ankyrin repeat and SOCS box-containing 2 (Asb2), mRNA [NM_001011984]	8,474
Fhod1	Rattus norvegicus formin homology 2 domain containing 1 (Fhod1), mRNA [NM_001191600]	8,474
Znf518a	Rattus norvegicus zinc finger protein 518A (Znf518a), mRNA [NM_001030038]	8,472
Ilk	Rattus norvegicus integrin-linked kinase (Ilk), mRNA [NM_133409]	8,470
LOC100174910	Rattus norvegicus glutaredoxin-like protein (LOC100174910), mRNA [NM_001131003]	8,470
Ccdc50	Rattus norvegicus coiled-coil domain containing 50 (Ccdc50), mRNA [NM_182736]	8,469
Atl2	Rattus norvegicus atlastin GTPase 2 (Atl2), mRNA [NM_001100671]	8,468
Plxna3	Rattus norvegicus plexin A3 (Plxna3), mRNA [NM_001107581]	8,468
0	Rattus norvegicus similar to mammary tumor virus receptor 2 isoform 2 (LOC361441), mRNA [XM_341720]	8,468
Taar8c	Rattus norvegicus trace amine-associated receptor 8c (Taar8c), mRNA [NM_175600]	8,467
Xpo6	Rattus norvegicus exportin 6 (Xpo6), mRNA [NM_001011935]	8,465
Kptn	kaptin [Source:RefSeq peptide;Acc:NP_001100927] [ENSRNOT0000002043]	8,465
Slc7a4	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 4 (Slc7a4), mRNA [NM_001107078]	8,465
Mapk14	Rattus norvegicus mitogen activated protein kinase 14 (Mapk14), mRNA [NM_031020]	8,464
Pycr1	pyrroline-5-carboxylate reductase 1 [Source:RefSeq peptide;Acc:NP_001099327] [ENSRNOT00000054949]	8,462
Ndufa10l1	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10-like 1 (Ndufa10l1), mRNA [NM_182671]	8,462
Sema3a	Rattus norvegicus sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A (Sema3a), mRNA [NM_017310]	8,461
Casq2	Rattus norvegicus calsequestrin 2 (cardiac muscle) (Casq2), nuclear gene encoding mitochondrial protein, mRNA [NM_017131]	8,460
Phf15	Rattus norvegicus PHD finger protein 15 (Phf15), mRNA [NM_001106998]	8,460
RGD1311952	Rattus norvegicus similar to Protein C20orf177 (RGD1311952), mRNA [NM_001134551]	8,459
LOC300024	Lymphocyte antigen 6B [Source:UniProtKB/Swiss-Prot;Acc:Q63317] [ENSRNOT00000009395]	8,459
Serinc3	Rattus norvegicus serine incorporator 3 (Serinc3), mRNA [NM_001008312]	8,457
Srp68	Rattus norvegicus signal recognition particle 68 (Srp68), mRNA [NM_001108840]	8,457
Adcy3	Rattus norvegicus adenylate cyclase 3 (Adcy3), mRNA [NM_130779]	8,456
Zcchc4	Rattus norvegicus zinc finger, CCHC domain containing 4 (Zcchc4), mRNA [NM_001108360]	8,456
Ctsr	Rattus norvegicus cathepsin R (Ctsr), mRNA [NM_175581]	8,456
Fam35a	Rattus norvegicus family with sequence similarity 35, member A (Fam35a), mRNA [NM_001025028]	8,455
Mcm5	Rattus norvegicus minichromosome maintenance complex component 5 (Mcm5), mRNA [NM_001106170]	8,454
Bspry	Rattus norvegicus B-box and SPRY domain containing (Bspry), mRNA [NM_022261]	8,453
Tubgcp6	Rattus norvegicus tubulin, gamma complex associated protein 6 (Tubgcp6), mRNA [NM_001108748]	8,453

Dnase2a	Rattus norvegicus deoxyribonuclease II alpha (Dnase2a), mRNA [NM_138539]	8,453
Rwdd2b	Rattus norvegicus RWD domain containing 2B (Rwdd2b), mRNA [NM_001100559]	8,453
RGD1565192	Rattus norvegicus similar to 1810013D10Rik protein (RGD1565192), mRNA [NM_001134639]	8,453
0	Unknown	8,452
Rbak	Rattus norvegicus RB-associated KRAB zinc finger (Rbak), mRNA [NM_001191664]	8,452
Olr1557	Rattus norvegicus olfactory receptor 1557 (Olr1557), mRNA [NM_001000050]	8,450
LOC691889	PREDICTED: Rattus norvegicus similar to ATPase, aminophospholipid transporter-like, class I, type 8A, member 2 (LOC691889), miscRNA [XR_086029]	8,449
RGD1306520	Rattus norvegicus similar to receptor-interacting factor 1 (RGD1306520), mRNA [NM_001127485]	8,448
0	cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophila) Gene [Source:MGI Symbol;Acc:MGI:1100883] [ENSRNOT00000036025]	8,447
RGD1308049	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT97] [ENSRNOT00000028509]	8,446
0	Unknown	8,443
LOC308198	PREDICTED: Rattus norvegicus similar to serine/threonine kinase (LOC308198), partial mRNA [XM_217963]	8,441
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC300277), mRNA [XM_217067]	8,441
Anapc1	Rattus norvegicus anaphase promoting complex subunit 1 (Anapc1), mRNA [NM_001107771]	8,440
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZES0] [ENSRNOT00000031521]	8,440
LOC680155	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXU7] [ENSRNOT00000020271]	8,439
Calcr1	Rattus norvegicus calcitonin receptor-like (Calcr1), mRNA [NM_012717]	8,439
Znrd1	Rattus norvegicus zinc ribbon domain containing, 1 (Znrd1), transcript variant 2, mRNA [NM_213567]	8,438
Dck	Rattus norvegicus deoxycytidine kinase (Dck), mRNA [NM_024158]	8,437
0	Unknown	8,436
Plekha4	Rattus norvegicus pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4 (Plekha4), mRNA [NM_199101]	8,436
Brd2	Rattus norvegicus bromodomain containing 2 (Brd2), mRNA [NM_212495]	8,435
Fcrla	Rattus norvegicus Fc receptor-like A (Fcrla), mRNA [NM_001100682]	8,434
LOC691113	RCG56346Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8R8] [ENSRNOT00000015807]	8,434
Hcn4	Rattus norvegicus hyperpolarization activated cyclic nucleotide-gated potassium channel 4 (Hcn4), mRNA [NM_021658]	8,433
0	Unknown	8,433
0	Unknown	8,432
Sertad4	Rattus norvegicus SERTA domain containing 4 (Sertad4), mRNA [NM_001108351]	8,432
Nuak1	Rattus norvegicus NUAKE family, SNF1-like kinase, 1 (Nuak1), mRNA [NM_001106774]	8,432
LOC683538	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNK1] [ENSRNOT00000061761]	8,431

Svep1	Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P0C6B8] [ENSRNOT00000047200]	8,429
Fktn	Rattus norvegicus fukutin (Fktn), mRNA [NM_001108667]	8,429
Agl	Rattus norvegicus amylo-1,6-glucosidase, 4-alpha-glucanotransferase (Agl), mRNA [NM_001108564]	8,429
LOC690576	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 4930555G01 (RGD1564665), partial mRNA [XM_002727373]	8,428
Ggcx	Rattus norvegicus gamma-glutamyl carboxylase (Ggcx), mRNA [NM_031756]	8,426
Mmp25	PREDICTED: Rattus norvegicus matrix metalloproteinase 25 (Mmp25), mRNA [XM_002742434]	8,424
Echdc2	Rattus norvegicus enoyl Coenzyme A hydratase domain containing 2 (Echdc2), mRNA [NM_001106675]	8,424
0	Unknown	8,423
Zfp36	Rattus norvegicus zinc finger protein 36 (Zfp36), mRNA [NM_133290]	8,422
0	Unknown	8,421
Snw1	Rattus norvegicus SNW domain containing 1 (Snw1), mRNA [NM_001109279]	8,420
RGD1565283	Rattus norvegicus similar to novel protein (RGD1565283), mRNA [NM_001109074]	8,416
Dynll2	Rattus norvegicus dynein light chain LC8-type 2 (Dynll2), mRNA [NM_080697]	8,415
0	AB017635 ERCC4 {Cricetulus griseus} (exp=-1; wgp=0; cg=0), partial (26%) [TC614683]	8,414
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAG8] [ENSRNOT00000037316]	8,414
Crlf1	Rattus norvegicus cytokine receptor-like factor 1 (Crlf1), mRNA [NM_001106074]	8,414
Me1	Rattus norvegicus malic enzyme 1, NADP(+)-dependent, cytosolic (Me1), mRNA [NM_012600]	8,412
Foxo4	Rattus norvegicus forkhead box O4 (Foxo4), mRNA [NM_001106943]	8,412
Cpd	Rattus norvegicus carboxypeptidase D (Cpd), mRNA [NM_012836]	8,410
RGD1563982	Rattus norvegicus similar to F-box only protein 27 (RGD1563982), mRNA [NM_001110491]	8,409
Timm22	PREDICTED: Rattus norvegicus translocase of inner mitochondrial membrane 22 homolog (yeast) (Timm22), mRNA [XM_001080619]	8,408
Mcf2	PREDICTED: Rattus norvegicus MCF.2 cell line derived transforming sequence (Mcf2), mRNA [XM_002727688]	8,408
LOC100361198	PREDICTED: Rattus norvegicus rCG43589-like (LOC100361198), mRNA [XM_002730083]	8,407
Ptprh	Rattus norvegicus protein tyrosine phosphatase, receptor type, H (Ptprh), mRNA [NM_001191945]	8,407
Lpgat1	Rattus norvegicus lysophosphatidylglycerol acyltransferase 1 (Lpgat1), mRNA [NM_001109376]	8,406
Cabp7	Rattus norvegicus calcium binding protein 7 (Cabp7), mRNA [NM_001007730]	8,403
Lrp11	Rattus norvegicus low density lipoprotein receptor-related protein 11 (Lrp11), mRNA [NM_001106217]	8,403
Ptprt	Rattus norvegicus protein tyrosine phosphatase, receptor type, T (Ptprt), mRNA [NM_001108603]	8,401
RGD1310852	Rattus norvegicus similar to RIKEN cDNA 9130401M01 (RGD1310852), mRNA [NM_001025007]	8,400
Gpr20	Rattus norvegicus G protein-coupled receptor 20 (Gpr20), mRNA [NM_022216]	8,400
Xpa	Rattus norvegicus xeroderma pigmentosum, complementation group A (Xpa), mRNA [NM_001106656]	8,398
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA96] [ENSRNOT00000034797]	8,398
Znf592	Rattus norvegicus zinc finger protein 592 (Znf592), mRNA [NM_001106272]	8,397

Rnf187	Rattus norvegicus ring finger protein 187 (Rnf187), mRNA [NM_001164264]	8,395
Qsox1	Rattus norvegicus quiescin Q6 sulfhydryl oxidase 1 (Qsox1), transcript variant 2, mRNA [NM_053431]	8,393
Sifn1	Rattus norvegicus schlafen-like 1 (Sifn1), mRNA [NM_001024347]	8,392
Kat5	Rattus norvegicus K(lysine) acetyltransferase 5 (Kat5), mRNA [NM_001005872]	8,391
RGD1565983	Rattus norvegicus similar to apurinic/aprimidinic endonuclease 2 (RGD1565983), mRNA [NM_001079892]	8,387
Tbc1d30	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG06] [ENSRNOT00000024679]	8,387
Dnajc17	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 17 (Dnajc17), mRNA [NM_001191740]	8,387
LOC497848	PREDICTED: Rattus norvegicus hypothetical LOC497848 (LOC497848), miscRNA [XR_007272]	8,386
Rapgef2	Rattus norvegicus Rap guanine nucleotide exchange factor (GEF) 2 (Rapgef2), mRNA [NM_001107684]	8,386
RGD1560672	Rattus norvegicus similar to novel protein (RGD1560672), mRNA [NM_001109073]	8,386
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z995] [ENSRNOT00000022941]	8,385
Gpr182	Rattus norvegicus G protein-coupled receptor 182 (Gpr182), mRNA [NM_053302]	8,384
Wdr44	WD repeat-containing protein 44 [Source:UniProtKB/Swiss-Prot;Acc:Q9R037] [ENSRNOT00000040742]	8,384
0	Unknown	8,383
Unc119b	Rattus norvegicus unc-119 homolog B (C. elegans) (Unc119b), mRNA [NM_001105934]	8,382
Trpm3	Rattus norvegicus transient receptor potential cation channel, subfamily M, member 3 (Trpm3), mRNA [NM_001191562]	8,381
Zfp40	Rattus norvegicus zinc finger protein 40 (Zfp40), mRNA [NM_001168642]	8,380
Rbl2	Rattus norvegicus retinoblastoma-like 2 (Rbl2), mRNA [NM_031094]	8,378
Serpina5	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade A, member 5 (Serpina5), mRNA [NM_022957]	8,377
Gfer	Rattus norvegicus growth factor, augmenter of liver regeneration (Gfer), mRNA [NM_013222]	8,377
Hspa4	Rattus norvegicus heat shock protein 4 (Hspa4), mRNA [NM_153629]	8,377
Psd2	Rattus norvegicus pleckstrin and Sec7 domain containing 2 (Psd2), mRNA [NM_001107395]	8,377
0	Unknown	8,377
Gpcpd1	Rattus norvegicus glycerophosphocholine phosphodiesterase GDE1 homolog (S. cerevisiae) (Gpcpd1), mRNA [NM_198779]	8,377
Tdrkh	Rattus norvegicus tudor and KH domain containing (Tdrkh), mRNA [NM_001014038]	8,375
Ubtf	Rattus norvegicus upstream binding transcription factor, RNA polymerase I (Ubtf), transcript variant 2, mRNA [NM_001127690]	8,375
Olr160	Rattus norvegicus olfactory receptor 160 (Olr160), mRNA [NM_001000738]	8,375
0	Rattus norvegicus similar to heterogeneous nuclear ribonucleoprotein K (LOC294952), mRNA [XM_227009]	8,374
Cadps	Rattus norvegicus Ca ⁺⁺ -dependent secretion activator (Cadps), mRNA [NM_013219]	8,374
Mrpl45	Rattus norvegicus mitochondrial ribosomal protein L45 (Mrpl45), nuclear gene encoding mitochondrial protein, mRNA [NM_001105834]	8,373
Slc8a1	Rattus norvegicus solute carrier family 8 (sodium/calcium exchanger), member 1 (Slc8a1), mRNA [NM_019268]	8,373
0	Unknown	8,372
0	Unknown	8,370
Pi4kb	Rattus norvegicus phosphatidylinositol 4-kinase, catalytic, beta (Pi4kb), mRNA [NM_031083]	8,370

Cttn	Rattus norvegicus cortactin (Cttn), mRNA [NM_021868]	8,370
Homer2	Rattus norvegicus homer homolog 2 (Drosophila) (Homer2), mRNA [NM_053309]	8,369
0	Unknown	8,369
Fam124b	RCG64106Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACJ9] [ENSRNOT00000030626]	8,368
0	Unknown	8,366
RGD1564599	Rattus norvegicus hypothetical protein LOC689600 (LOC689600), mRNA [NM_001106351]	8,366
0	Rattus norvegicus similar to glutamine repeat protein 1 (LOC365129), mRNA [XM_344830]	8,366
Ddit4l	Rattus norvegicus DNA-damage-inducible transcript 4-like (Ddit4l), mRNA [NM_080399]	8,366
Rcan3	Rattus norvegicus RCAN family member 3 (Rcan3), mRNA [NM_001012746]	8,365
Msh5	Rattus norvegicus mutS homolog 5 (E. coli) (Msh5), mRNA [NM_212536]	8,365
0	Unknown	8,364
Actn1	Rattus norvegicus actinin, alpha 1 (Actn1), mRNA [NM_031005]	8,364
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKL6] [ENSRNOT00000044160]	8,362
Mpzl2	Rattus norvegicus myelin protein zero-like 2 (Mpzl2), mRNA [NM_001106818]	8,362
Snurf	Rattus norvegicus SNRPN upstream reading frame (Snurf), mRNA [NM_130738]	8,362
Tbx1	Rattus norvegicus T-box 1 (Tbx1), mRNA [NM_001108322]	8,361
0	Unknown	8,361
RGD1566265	Rattus norvegicus similar to RIKEN cDNA 2610002M06 (RGD1566265), mRNA [NM_001134589]	8,361
Kdm2b	Rattus norvegicus lysine (K)-specific demethylase 2B (Kdm2b), mRNA [NM_001100679]	8,360
Alg12	Rattus norvegicus asparagine-linked glycosylation 12 homolog (yeast, alpha-1,6-mannosyltransferase) (Alg12), mRNA [NM_001108104]	8,359
Txnrd1	Rattus norvegicus thioredoxin reductase 1 (Txnrd1), mRNA [NM_031614]	8,358
Dmtf1	Rattus norvegicus cyclin D binding myb-like transcription factor 1 (Dmtf1), mRNA [NM_053693]	8,357
Ubtf	Rattus norvegicus upstream binding transcription factor, RNA polymerase I (Ubtf), transcript variant 1, mRNA [NM_001105723]	8,357
Palld	Rattus norvegicus similar to palladin; CGI-151 protein, mRNA (cDNA clone MGC:94544 IMAGE:7189104), complete cds. [BC088409]	8,356
Slc45a1	Rattus norvegicus solute carrier family 45, member 1 (Slc45a1), mRNA [NM_144747]	8,356
Tmem144	Rattus norvegicus transmembrane protein 144 (Tmem144), mRNA [NM_001108551]	8,356
0	Nuclease-sensitive element-binding protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P62961] [ENSRNOT00000058700]	8,356
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADJ6] [ENSRNOT00000026340]	8,354
Nsmce2	Rattus norvegicus non-SMC element 2, MMS21 homolog (S. cerevisiae) (Nsmce2), mRNA [NM_001024876]	8,353
Trpc1	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 1 (Trpc1), mRNA [NM_053558]	8,353
Eci2	Rattus norvegicus enoyl-Coenzyme A delta isomerase 2 (Eci2), mRNA [NM_001006966]	8,352
Piga	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class A (Piga), mRNA [NM_001108816]	8,352
LOC498705	Rattus norvegicus hypothetical protein LOC498705 (LOC498705), mRNA [NM_001047934]	8,351
Col11a2	Rattus norvegicus collagen, type XI, alpha 2 (Col11a2), mRNA [NM_212528]	8,350

Oxt	Rat oxytocin mRNA, complete cds. [M25649]	8,350
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZW22] [ENSRNOT00000037429]	8,349
Lclat1	Similar to lysocardiolipin acyltransferase isoform 1 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFF4] [ENSRNOT00000043641]	8,348
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC289349), mRNA [XM_223044]	8,347
0	Unknown	8,347
Zfp9	Rattus norvegicus zinc finger protein 9 (Zfp9), mRNA [NM_001127635]	8,345
Tinf2	Rattus norvegicus TERF1 (TRF1)-interacting nuclear factor 2 (Tinf2), mRNA [NM_001006962]	8,342
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZD9] [ENSRNOT00000068382]	8,341
Etaa1	Rattus norvegicus Ewing tumor-associated antigen 1 (Etaa1), mRNA [NM_001109094]	8,341
Taf5l	Rattus norvegicus TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor (Taf5l), mRNA [NM_001107442]	8,341
RGD1563440	Rattus norvegicus similar to hypothetical protein (RGD1563440), mRNA [NM_001100965]	8,341
Olr775	Rattus norvegicus olfactory receptor 775 (Olr775), mRNA [NM_001000374]	8,340
Prep	Rattus norvegicus prolyl endopeptidase (Prep), mRNA [NM_031324]	8,340
Olr1303	Rattus norvegicus olfactory receptor 1303 (Olr1303), mRNA [NM_001000796]	8,339
Ccnt2	Rattus norvegicus cyclin T2 (Ccnt2), mRNA [NM_001107171]	8,338
Fosl2	Rattus norvegicus fos-like antigen 2 (Fosl2), mRNA [NM_012954]	8,338
Itfg1	Rattus norvegicus integrin alpha FG-GAP repeat containing 1 (Itfg1), mRNA [NM_133557]	8,338
Farp1	Rattus norvegicus FERM, RhoGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte-derived) (Farp1), mRNA [NM_001107287]	8,336
Tubg1	Rattus norvegicus tubulin, gamma 1 (Tubg1), mRNA [NM_145778]	8,336
Prl8a3	Rattus norvegicus prolactin family 8, subfamily a, member 3 (Prl8a3), mRNA [NM_020079]	8,336
Ogt	Rattus norvegicus O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) (Ogt), mRNA [NM_017107]	8,335
Yars	Rattus norvegicus tyrosyl-tRNA synthetase (Yars), mRNA [NM_001025696]	8,335
Gss	Rattus norvegicus glutathione synthetase (Gss), mRNA [NM_012962]	8,334
LOC679989	PREDICTED: Rattus norvegicus similar to t-complex 11 protein (LOC679989), mRNA [XM_001055198]	8,331
Ccdc126	Rattus norvegicus coiled-coil domain containing 126 (Ccdc126), mRNA [NM_001109232]	8,330
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZER7] [ENSRNOT00000043011]	8,330
Wwp2	Rattus norvegicus WW domain containing E3 ubiquitin protein ligase 2 (Wwp2), mRNA [NM_001106184]	8,329
C1d	Rattus norvegicus C1D nuclear receptor co-repressor (C1d), mRNA [NM_001106021]	8,327
Podxl2	Rattus norvegicus podocalyxin-like 2 (Podxl2), mRNA [NM_001106607]	8,327
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJS8] [ENSRNOT00000037641]	8,327
Rwdd1	Rattus norvegicus RWD domain containing 1 (Rwdd1), mRNA [NM_147146]	8,327
Fam164a	Rattus norvegicus family with sequence similarity 164, member A (Fam164a), mRNA [NM_001107661]	8,327

Crlf1	Rattus norvegicus cytokine receptor-like factor 1 (Crlf1), mRNA [NM_001106074]	8,323
Tmem81	Rattus norvegicus transmembrane protein 81 (Tmem81), mRNA [NM_001017490]	8,322
Spast	Rattus norvegicus spastin (Spast), mRNA [NM_001108702]	8,321
0	Unknown	8,321
Tpmt	thiopurine S-methyltransferase [Source:RefSeq peptide;Acc:NP_001072999] [ENSRNOT00000022085]	8,321
Ccdc102a	Rattus norvegicus coiled-coil domain containing 102A (Ccdc102a), mRNA [NM_001108437]	8,319
0	Unknown	8,318
Adamts15	Rattus norvegicus ADAM metalloproteinase with thrombospondin type 1 motif, 15 (Adamts15), mRNA [NM_001106810]	8,317
0	Unknown	8,317
0	Neuronal cell adhesion molecule [Source:UniProtKB/Swiss-Prot;Acc:P97686] [ENSRNOT00000059737]	8,316
Gns	Rattus norvegicus glucosamine (N-acetyl)-6-sulfatase (Gns), mRNA [NM_001011989]	8,314
Pde3b	Rattus norvegicus phosphodiesterase 3B, cGMP-inhibited (Pde3b), mRNA [NM_017229]	8,311
Pard6b	Rattus norvegicus par-6 (partitioning defective 6) homolog beta (C. elegans) (Pard6b), mRNA [NM_001108609]	8,309
0	Band 4.1-like protein 4B [Source:UniProtKB/Swiss-Prot;Acc:B2RYE5] [ENSRNOT00000014982]	8,306
Anxa6	Rattus norvegicus annexin A6 (Anxa6), mRNA [NM_024156]	8,306
0	RVL9223 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV718613]	8,306
LOC689412	Rattus norvegicus similar to CG4025-PA (LOC689412), mRNA [NM_001109538]	8,302
Isyna1	Rattus norvegicus inositol-3-phosphate synthase 1 (Isyna1), mRNA [NM_001013880]	8,302
Ube2b	Rattus norvegicus ubiquitin-conjugating enzyme E2B (RAD6 homolog, S. cerevisiae) (Ube2b), mRNA [NM_031138]	8,301
Resp18	Rattus norvegicus regulated endocrine-specific protein 18 (Resp18), mRNA [NM_019278]	8,301
Nr3c1	Rattus norvegicus nuclear receptor subfamily 3, group C, member 1 (Nr3c1), mRNA [NM_012576]	8,300
Asah1	Rattus norvegicus N-acylsphingosine amidohydrolase (acid ceramidase) 1 (Asah1), mRNA [NM_053407]	8,299
0	Unknown	8,298
Gtpbp4	Rattus norvegicus GTP binding protein 4 (Gtpbp4), mRNA [NM_053689]	8,297
Pomt2	Rattus norvegicus protein-O-mannosyltransferase 2 (Pomt2), mRNA [NM_001047114]	8,293
MGC94891	Rattus norvegicus hypothetical protein LOC681210 (MGC94891), mRNA [NM_001044277]	8,292
RGD1562351	Rattus norvegicus similar to chromosome 7 open reading frame 23 (RGD1562351), mRNA [NM_001109219]	8,292
Olr1338	Rattus norvegicus olfactory receptor 1338 (Olr1338), mRNA [NM_001000789]	8,290
Cep68	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ61] [ENSRNOT00000039523]	8,290
Irf1	Rattus norvegicus interferon regulatory factor 1 (Irf1), mRNA [NM_012591]	8,290
Capns1	Rattus norvegicus calpain, small subunit 1 (Capns1), mRNA [NM_017118]	8,289
Ccar1	Rattus norvegicus cell division cycle and apoptosis regulator 1 (Ccar1), mRNA [NM_001108535]	8,289
LOC690479	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTZ5] [ENSRNOT00000034798]	8,287
Hcfc1	Rattus norvegicus host cell factor C1 (Hcfc1), mRNA [NM_001139507]	8,287

Dcp1b	Similar to decapping enzyme Dcp1b (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZJ7] [ENSRNOT0000009832]	8,285
Dus4l	Rattus norvegicus dihydrouridine synthase 4-like (<i>S. cerevisiae</i>) (Dus4l), mRNA [NM_001135803]	8,285
0	Unknown	8,284
0	Unknown	8,284
Stk36	Rattus norvegicus serine/threonine kinase 36 (fused homolog, <i>Drosophila</i>) (Stk36), mRNA [NM_001173986]	8,282
Slc7a10	Rattus norvegicus solute carrier family 7, (neutral amino acid transporter, y+ system) member 10 (Slc7a10), mRNA [NM_053726]	8,282
0	Unknown	8,282
Pomt2	Rattus norvegicus protein-O-mannosyltransferase 2 (Pomt2), mRNA [NM_001047114]	8,282
Gjc2	Rattus norvegicus gap junction protein, gamma 2 (Gjc2), mRNA [NM_001100784]	8,282
Vps37a	Rattus norvegicus vacuolar protein sorting 37 homolog A (<i>S. cerevisiae</i>) (Vps37a), mRNA [NM_001024867]	8,282
Lrig2	Rattus norvegicus leucine-rich repeats and immunoglobulin-like domains 2 (Lrig2), mRNA [NM_001107710]	8,280
RGD1565257	Rattus norvegicus similar to zinc finger protein 650 (RGD1565257), mRNA [NM_001134550]	8,279
Ppp4c	Rattus norvegicus protein phosphatase 4, catalytic subunit (Ppp4c), mRNA [NM_134359]	8,278
Ppp2r5e	Rattus norvegicus protein phosphatase 2, regulatory subunit B', epsilon isoform (Ppp2r5e), mRNA [NM_001106740]	8,278
Igsf10	Rattus norvegicus immunoglobulin superfamily, member 10 (Igsf10), mRNA [NM_198768]	8,277
0	Unknown	8,277
Olr1375	Rattus norvegicus olfactory receptor 1375 (Olr1375), mRNA [NM_214829]	8,277
0	Unknown	8,277
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3B3] [ENSRNOT00000065050]	8,277
Adss	Rattus norvegicus adenylosuccinate synthase (Adss), mRNA [NM_001105975]	8,277
Plekhh3	Rattus norvegicus pleckstrin homology domain containing, family H (with MyTH4 domain) member 3 (Plekhh3), mRNA [NM_001037202]	8,277
RGD1311078	Rattus norvegicus LOC360664 (RGD1311078), mRNA [NM_001108307]	8,277
Dok4	Rattus norvegicus docking protein 4 (Dok4), mRNA [NM_001108438]	8,276
Rae1	Rattus norvegicus RAE1 RNA export 1 homolog (<i>S. pombe</i>) (Rae1), mRNA [NM_001033708]	8,275
Cnfn	Rattus norvegicus cornifelin (Cnfn), mRNA [NM_001108909]	8,275
Cd300lg	PREDICTED: Rattus norvegicus Cd300 molecule-like family member G, transcript variant 1 (Cd300lg), mRNA [XM_001061779]	8,274
0	Unknown	8,272
0	Unknown	8,272
Mcm3	Rattus norvegicus minichromosome maintenance complex component 3 (Mcm3), mRNA [NM_001191805]	8,271
Lsm1	Rattus norvegicus LSM1 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) (Lsm1), mRNA [NM_001108876]	8,271
0	Unknown	8,270
0	Unknown	8,270
Mif4gd	Rattus norvegicus MIF4G domain containing (Mif4gd), mRNA [NM_001014122]	8,269

RGD1309888	Rattus norvegicus similar to RIKEN cDNA 1500002O20 (RGD1309888), mRNA [NM_001014243]	8,268
Cd2bp2	Rattus norvegicus Cd2 (cytoplasmic tail) binding protein 2 (Cd2bp2), mRNA [NM_001106297]	8,267
Sft2d1	Rattus norvegicus SFT2 domain containing 1 (Sft2d1), mRNA [NM_001008302]	8,266
0	Solute carrier family 25 member 40 [Source:UniProtKB/Swiss-Prot;Acc:Q498U3] [ENSRNOT00000030352]	8,266
Psme1	Rattus norvegicus proteasome (prosome, macropain) activator subunit 1 (Psme1), mRNA [NM_017264]	8,264
Il17re	Rattus norvegicus interleukin 17 receptor E (Il17re), mRNA [NM_001004091]	8,263
0	Unknown	8,262
0	Rattus norvegicus similar to RIKEN cDNA 1700001F09 (LOC364257), mRNA [XM_344300]	8,260
Pex5	Rattus norvegicus peroxisomal biogenesis factor 5 (Pex5), mRNA [NM_001170584]	8,259
Olr286	Rattus norvegicus olfactory receptor 286 (Olr286), mRNA [NM_001000554]	8,258
Olr115	Rattus norvegicus olfactory receptor 115 (Olr115), mRNA [NM_001000152]	8,258
Tex101	Rattus norvegicus testis expressed 101 (Tex101), mRNA [NM_139037]	8,258
Trnp1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTW4] [ENSRNOT00000032841]	8,257
Gstm3	Rattus norvegicus glutathione S-transferase mu 3 (Gstm3), mRNA [NM_020540]	8,256
Tmem90b	Rattus norvegicus transmembrane protein 90B (Tmem90b), mRNA [NM_001025020]	8,254
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC82] [ENSRNOT00000030501]	8,252
Crip3	Rattus norvegicus cysteine-rich protein 3 (Crip3), mRNA [NM_001109303]	8,252
Ptpn14	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 14 (Ptpn14), mRNA [NM_001107200]	8,252
0	Unknown	8,250
Dnajb2	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily B, member 2 (Dnajb2), mRNA [NM_001109541]	8,249
LOC679800	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC679800), mRNA [XM_001054523]	8,249
0	Unknown	8,248
LOC301521	PREDICTED: Rattus norvegicus Coiled-coil domain containing 108-like (LOC301521), mRNA [XM_002730048]	8,247
Ifitm3	Rattus norvegicus interferon induced transmembrane protein 3 (Ifitm3), mRNA [NM_001136124]	8,245
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVS0] [ENSRNOT00000035275]	8,245
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKR9] [ENSRNOT00000022373]	8,242
Nfkbie	Rattus norvegicus nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon (Nfkbie), mRNA [NM_199111]	8,241
0	Unknown	8,236
Znf746	Rattus norvegicus zinc finger protein 746 (Znf746), mRNA [NM_001100852]	8,235
MGC95152	Rattus norvegicus similar to B230212L03Rik protein (MGC95152), mRNA [NM_001007645]	8,235
Eif4e	Rattus norvegicus eukaryotic translation initiation factor 4E (Eif4e), mRNA [NM_053974]	8,232
Cnot6	Rattus norvegicus CCR4-NOT transcription complex, subunit 6 (Cnot6), mRNA [NM_001013856]	8,229
Snurf	Rattus norvegicus SNRPN upstream reading frame (Snurf), mRNA [NM_130738]	8,228
Olr1462	Rattus norvegicus olfactory receptor 1462 (Olr1462), mRNA [NM_001001097]	8,227

Prss34	Rattus norvegicus protease, serine, 34 (Prss34), mRNA [NM_001105772]	8,227
Iqgap3	Rattus norvegicus IQ motif containing GTPase activating protein 3 (Iqgap3), mRNA [NM_001191709]	8,227
RGD1310271	RCG31097, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMX5] [ENSRNOT00000027564]	8,226
Pik3cd	Rattus norvegicus phosphoinositide-3-kinase, catalytic, delta polypeptide (Pik3cd), mRNA [NM_001108978]	8,225
0	Unknown	8,224
0	RCG26214Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVK4] [ENSRNOT00000028891]	8,224
Cp110	Rattus norvegicus CP110 protein (Cp110), mRNA [NM_001108501]	8,224
Ccdc48	Rattus norvegicus coiled-coil domain containing 48 (Ccdc48), mRNA [NM_001163921]	8,224
Ncstn	Rattus norvegicus nicastrin (Ncstn), mRNA [NM_174864]	8,222
Prp2l1	Rat proline-rich protein (PRP-1) [Source:UniProtKB/TrEMBL;Acc:Q63455] [ENSRNOT00000004642]	8,222
Acer2	Rattus norvegicus alkaline ceramidase 2 (Acer2), mRNA [NM_001107943]	8,222
LOC691807	Uncharacterized protein C4orf3 homolog [Source:UniProtKB/Swiss-Prot;Acc:Q498U0] [ENSRNOT00000019647]	8,221
0	Unknown	8,220
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQH1] [ENSRNOT00000001957]	8,218
Tmem63c	Rattus norvegicus transmembrane protein 63c (Tmem63c), mRNA [NM_001108045]	8,218
Nqo1	Rattus norvegicus NAD(P)H dehydrogenase, quinone 1 (Nqo1), mRNA [NM_017000]	8,218
Apoo	Rattus norvegicus apolipoprotein O (Apoo), mRNA [NM_001199178]	8,218
LOC680758	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d (LOC680758), mRNA [XM_001058748]	8,216
Nup98	Rattus norvegicus nucleoporin 98 (Nup98), mRNA [NM_031074]	8,216
Them4	Rattus norvegicus thioesterase superfamily member 4 (Them4), mRNA [NM_001025017]	8,216
0	Unknown	8,215
Rims4	Rattus norvegicus regulating synaptic membrane exocytosis 4 (Rims4), mRNA [NM_170666]	8,215
0	Unknown	8,214
Fam98a	Rattus norvegicus family with sequence similarity 98, member A (Fam98a), mRNA [NM_001014073]	8,214
Gpr177	Rattus norvegicus G protein-coupled receptor 177 (Gpr177), transcript variant 1, mRNA [NM_199408]	8,213
Zfp386	Rattus norvegicus zinc finger protein 386 (Kruppel-like) (Zfp386), mRNA [NM_019620]	8,212
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRC6] [ENSRNOT00000050943]	8,212
Mgea5	Rattus norvegicus meningioma expressed antigen 5 (hyaluronidase) (Mgea5), mRNA [NM_131904]	8,211
Akr1cl2	Rattus norvegicus aldo-keto reductase family 1, member C-like 2 (Akr1cl2), mRNA [NM_001008342]	8,210
Gabra2	Rattus norvegicus gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 2 (Gabra2), mRNA [NM_001135779]	8,209
0	Unknown	8,208
0	Unknown	8,207
RGD1564804	Rattus norvegicus similar to chromosome 1 open reading frame 50 (RGD1564804), mRNA [NM_001107969]	8,207
LOC683684	PREDICTED: Rattus norvegicus hypothetical protein LOC683684 (LOC683684), mRNA [XM_001067050]	8,206

Fip111	Rattus norvegicus FIP1 like 1 (<i>S. cerevisiae</i>) (Fip111), mRNA [NM_001008295]	8,206
Mylk2	Rattus norvegicus myosin light chain kinase 2 (Mylk2), mRNA [NM_057209]	8,205
Gpr153	Rattus norvegicus G protein-coupled receptor 153 (Gpr153), mRNA [NM_001034855]	8,204
Ttc5	Rattus norvegicus tetratricopeptide repeat domain 5 (Ttc5), mRNA [NM_001013131]	8,203
Tmem123	Rattus norvegicus transmembrane protein 123 (Tmem123), mRNA [NM_001014205]	8,203
Wwtr1	Rattus norvegicus WW domain containing transcription regulator 1 (Wwtr1), mRNA [NM_001024869]	8,201
Zfp354a	Rattus norvegicus zinc finger protein 354A (Zfp354a), mRNA [NM_052798]	8,201
LOC100360599	PREDICTED: Rattus norvegicus rCG33743-like (LOC100360599), mRNA [XM_002724606]	8,200
Prnd	Rattus norvegicus prion protein 2 (dublet) (Prnd), mRNA [NM_001102431]	8,199
Mrps21	Rattus norvegicus mitochondrial ribosomal protein S21 (Mrps21), nuclear gene encoding mitochondrial protein, mRNA [NM_001126094]	8,196
Lin9	PREDICTED: Rattus norvegicus lin-9 homolog (<i>C. elegans</i>) (Lin9), mRNA [XM_001067807]	8,192
Pglyrp1	Rattus norvegicus peptidoglycan recognition protein 1 (Pglyrp1), mRNA [NM_053373]	8,191
RGD1310964	Rattus norvegicus similar to RIKEN cDNA 9430031J16 (RGD1310964), mRNA [NM_001107132]	8,190
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJC7] [ENSRNOT00000068355]	8,190
Poldip3	Rattus norvegicus polymerase (DNA-directed), delta interacting protein 3 (Poldip3), mRNA [NM_001130506]	8,190
Ipo13	Rattus norvegicus importin 13 (Ipo13), mRNA [NM_053778]	8,189
0	Histone H3 [Source:UniProtKB/TrEMBL;Acc:D3ZCY4] [ENSRNOT00000043897]	8,189
Enc1	Rattus norvegicus ectodermal-neural cortex 1 (Enc1), mRNA [NM_001003401]	8,187
Ube2f	Rattus norvegicus ubiquitin-conjugating enzyme E2F (putative) (Ube2f), mRNA [NM_001008381]	8,186
RT1-CE2	Rattus norvegicus RT1 class I, locus CE2 (RT1-CE2), mRNA [NM_001008840]	8,183
Prpf19	Rattus norvegicus PRP19/PSO4 pre-mRNA processing factor 19 homolog (<i>S. cerevisiae</i>) (Prpf19), mRNA [NM_139333]	8,183
Tspan6	Rattus norvegicus tetraspanin 6 (Tspan6), mRNA [NM_001100672]	8,182
LOC680489	Rattus norvegicus similar to claudin 1 (LOC680489), mRNA [NM_001109415]	8,181
Cd14	Rattus norvegicus CD14 molecule (Cd14), mRNA [NM_021744]	8,181
LOC501810	PREDICTED: Rattus norvegicus similar to Leukosialin precursor (Leucocyte sialoglycoprotein) (Sialophorin) (Ly-48) (B cell differentiation antigen LP-3) (CD43 antigen) (LOC501810), miscRNA [XR_005724]	8,181
Cyp7b1	Rattus norvegicus cytochrome P450, family 7, subfamily b, polypeptide 1 (Cyp7b1), mRNA [NM_019138]	8,179
C1qtnf6	Rattus norvegicus C1q and tumor necrosis factor related protein 6 (C1qtnf6), mRNA [NM_001034932]	8,178
Dclk2	Rattus norvegicus doublecortin-like kinase 2 (Dclk2), transcript variant 2, mRNA [NM_001009691]	8,177
LOC682404	PREDICTED: Rattus norvegicus similar to CG12929-PA (LOC682404), mRNA [XM_001061367]	8,177
0	Unknown	8,176
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDE7] [ENSRNOT00000049155]	8,175
Ank3	Rattus norvegicus ankyrin 3, node of Ranvier (Ank3), transcript variant 2, mRNA [NM_001033984]	8,173
LOC100360189	PREDICTED: Rattus norvegicus rCG56785-like (LOC100360189), mRNA [XM_002730167]	8,172

Klh23	Rattus norvegicus kelch-like 23 (Drosophila) (Klh23), mRNA [NM_001134504]	8,171
Nap115	Rattus norvegicus nucleosome assembly protein 1-like 5 (Nap115), mRNA [NM_001044293]	8,171
Tmem50a	Rattus norvegicus transmembrane protein 50A (Tmem50a), mRNA [NM_001127525]	8,170
Ube3c	PREDICTED: Rattus norvegicus ubiquitin protein ligase E3C (Ube3c), mRNA [XM_001055148]	8,170
Pja2	Rattus norvegicus praja 2, RING-H2 motif containing (Pja2), mRNA [NM_138896]	8,169
0	predicted gene 10022 Gene [Source:MGI Symbol;Acc:MGI:3809058] [ENSRNOT00000037001]	8,168
Sephs1	Rattus norvegicus selenophosphate synthetase 1 (Sephs1), mRNA [NM_001104630]	8,168
Zc3h15	Rattus norvegicus zinc finger CCCH-type containing 15 (Zc3h15), mRNA [NM_001010963]	8,167
Nr2f6	Rattus norvegicus nuclear receptor subfamily 2, group F, member 6 (Nr2f6), mRNA [NM_139113]	8,167
0	Unknown	8,167
Aldh1b1	Rattus norvegicus aldehyde dehydrogenase 1 family, member B1 (Aldh1b1), nuclear gene encoding mitochondrial protein, mRNA [NM_001011975]	8,165
Ropn1l	Rattus norvegicus ropporin 1-like (Ropn1l), mRNA [NM_001191086]	8,164
Cd46	Rattus norvegicus CD46 molecule, complement regulatory protein (Cd46), mRNA [NM_019190]	8,163
Rbm9	Rattus norvegicus RNA binding motif protein 9 (Rbm9), mRNA [NM_001079895]	8,163
Dab2ip	Rattus norvegicus DAB2 interacting protein (Dab2ip), mRNA [NM_138710]	8,162
0	Proprotein convertase subtilisin/kexin type 5 [Source:UniProtKB/Swiss-Prot;Acc:P41413] [ENSRNOT00000016164]	8,162
Zfp444	Rattus norvegicus zinc finger protein 444 (Zfp444), mRNA [NM_001169143]	8,162
Pola1	Rattus norvegicus polymerase (DNA directed), alpha 1 (Pola1), mRNA [NM_053479]	8,161
0	Unknown	8,159
Ap2a1	adaptor-related protein complex 2, alpha 1 subunit [Source:RefSeq peptide;Acc:NP_001100981] [ENSRNOT00000020304]	8,159
Pdlim1	Rattus norvegicus PDZ and LIM domain 1 (Pdlim1), mRNA [NM_017365]	8,157
Sit1	Rattus norvegicus signaling threshold regulating transmembrane adaptor 1 (Sit1), mRNA [NM_001024344]	8,157
RGD1561426	PREDICTED: Rattus norvegicus RGD1561426 (RGD1561426), mRNA [XM_001069564]	8,156
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9M1] [ENSRNOT00000056416]	8,156
0	Unknown	8,155
Rbm7	Rattus norvegicus RNA binding motif protein 7 (Rbm7), mRNA [NM_001108143]	8,154
0	Unknown	8,154
Ptpn5	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 5 (Ptpn5), mRNA [NM_019253]	8,154
0	Unknown	8,154
Wdr78	Rattus norvegicus WD repeat domain 78 (Wdr78), mRNA [NM_001024786]	8,153
LOC305806	Rattus norvegicus similar to glutaredoxin 1 (thioltransferase); glutaredoxin (LOC305806), mRNA [NM_001013993]	8,153
Sgsm2	Rattus norvegicus small G protein signaling modulator 2 (Sgsm2), mRNA [NM_001107020]	8,153
Ing1	Rattus norvegicus inhibitor of growth family, member 1 (Ing1), mRNA [NM_001038591]	8,152
0	PREDICTED: Rattus norvegicus rCG58102-like (LOC100363350), mRNA [XM_002729901]	8,152

Mtnr1a	Rattus norvegicus melatonin receptor 1A (Mtnr1a), mRNA [NM_053676]	8,151
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHQ9] [ENSRNOT00000045241]	8,150
Ptpn	Rattus norvegicus protein tyrosine phosphatase, receptor type, N (Ptpn), mRNA [NM_053881]	8,149
RGD1563904	Rattus norvegicus similar to melanoma antigen family B, 4 (RGD1563904), mRNA [NM_001109367]	8,149
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQT0] [ENSRNOT00000011090]	8,147
Fbxo15	Rattus norvegicus F-box protein 15 (Fbxo15), mRNA [NM_001108436]	8,146
RGD1308470	Rattus norvegicus similar to RIKEN cDNA 4933433P14 gene (RGD1308470), mRNA [NM_001014198]	8,146
Lins1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVQ9] [ENSRNOT00000018463]	8,145
Mas1	Rattus norvegicus MAS1 oncogene (Mas1), mRNA [NM_012757]	8,145
RGD1563956	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A8N3] [ENSRNOT00000030686]	8,143
Krt4	Rattus norvegicus keratin 4 (Krt4), mRNA [NM_001008806]	8,142
RGD1311122	Rattus norvegicus similar to RIKEN cDNA 1110003E01 (RGD1311122), mRNA [NM_001037792]	8,142
0	Unknown	8,141
0	Kinesin-like protein KIF1B [Source:UniProtKB/Swiss-Prot;Acc:O88658] [ENSRNOT00000029605]	8,141
38231	Rattus norvegicus septin 4 (Sept4), nuclear gene encoding mitochondrial protein, mRNA [NM_001011893]	8,140
Bpnt1	Rattus norvegicus 3'(2'), 5'-bisphosphate nucleotidase 1 (Bpnt1), mRNA [NM_171990]	8,140
Cast	Rattus norvegicus calpastatin (Cast), transcript variant 1, mRNA [NM_053295]	8,138
Wdr77	Rattus norvegicus WD repeat domain 77 (Wdr77), mRNA [NM_001008771]	8,138
Prim1	Rattus norvegicus DNA primase, p49 subunit (Prim1), mRNA [NM_001008768]	8,137
0	Unknown	8,137
Eml4	Rattus norvegicus echinoderm microtubule associated protein like 4 (Eml4), mRNA [NM_001108008]	8,135
LOC688420	PREDICTED: Rattus norvegicus similar to claudin 4 (LOC688420), mRNA [XM_001066865]	8,133
Afaf	Rattus norvegicus Acrosome formation associated factor (Afaf), mRNA [NM_001039345]	8,132
Atp4a	Rattus norvegicus ATPase, H ⁺ /K ⁺ exchanging, alpha polypeptide (Atp4a), mRNA [NM_012509]	8,131
RGD1359108	Rattus norvegicus similar to RIKEN cDNA 3110043O21 (RGD1359108), mRNA [NM_001007702]	8,130
Btbd10	Rattus norvegicus BTB (POZ) domain containing 10 (Btbd10), mRNA [NM_001014022]	8,126
MGC116121	Rattus norvegicus similar to RIKEN cDNA 2700062C07 (MGC116121), mRNA [NM_001024905]	8,124
Fscn3	Rattus norvegicus fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus purpuratus) (Fscn3), mRNA [NM_001004232]	8,124
Npl	Rattus norvegicus N-acetylneuraminate pyruvate lyase (Npl), mRNA [NM_001013984]	8,123
Ears2	Rattus norvegicus glutamyl-tRNA synthetase 2 mitochondrial (putative) (Ears2), nuclear gene encoding mitochondrial protein, mRNA [NM_001159493]	8,123
0	Unknown	8,123
0	Unknown	8,121
Prmt2	Rattus norvegicus protein arginine methyltransferase 2 (Prmt2), mRNA [NM_001025144]	8,121

Olr63	Rattus norvegicus olfactory receptor 63 (Olr63), mRNA [NM_001000542]	8,119
Znf655	Rattus norvegicus zinc finger protein 655 (Znf655), mRNA [NM_001008362]	8,119
0	Unknown	8,118
Olr1319	Rattus norvegicus olfactory receptor 1319 (Olr1319), mRNA [NM_001000470]	8,118
Uhrf2	Rattus norvegicus ubiquitin-like with PHD and ring finger domains 2 (Uhrf2), mRNA [NM_001107585]	8,118
Nap114	Rattus norvegicus nucleosome assembly protein 1-like 4 (Nap114), mRNA [NM_001012170]	8,118
Camsap111	Rattus norvegicus calmodulin regulated spectrin-associated protein 1-like 1 (Camsap111), mRNA [NM_001134503]	8,115
Btbd3	Rattus norvegicus BTB (POZ) domain containing 3 (Btbd3), mRNA [NM_001107782]	8,114
Slc22a13	Rattus norvegicus solute carrier family 22 (organic anion transporter), member 13 (Slc22a13), mRNA [NM_001126285]	8,113
Ndr4	Rattus norvegicus N-myc downstream regulated gene 4 (Ndr4), mRNA [NM_031967]	8,113
Ahr	Rattus norvegicus aryl hydrocarbon receptor (Ahr), mRNA [NM_013149]	8,113
RGD1564964	Rattus norvegicus similar to WD repeat domain 11 protein (RGD1564964), mRNA [NM_001134564]	8,112
0	Unknown	8,111
Fmr1	Rattus norvegicus fragile X mental retardation 1 (Fmr1), mRNA [NM_052804]	8,107
Fam59b	Rattus norvegicus family with sequence similarity 59, member B (Fam59b), mRNA [NM_001191874]	8,106
Ncoa7	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZM65] [ENSRNOT00000018849]	8,104
Ptprr	Rattus norvegicus protein tyrosine phosphatase, receptor type, R (Ptprr), transcript variant 1, mRNA [NM_053594]	8,102
Bcat1	Rattus norvegicus branched chain aminotransferase 1, cytosolic (Bcat1), mRNA [NM_017253]	8,101
Pxmp3	Rattus norvegicus peroxisomal membrane protein 3 (Pxmp3), mRNA [NM_017234]	8,101
LOC679566	Rattus norvegicus hypothetical protein LOC679566 (LOC679566), mRNA [NM_001109372]	8,101
Galns	Rattus norvegicus galactosamine (N-acetyl)-6-sulfate sulfatase (Galns), mRNA [NM_001047851]	8,100
Ptges3l1	Rattus norvegicus prostaglandin E synthase 3-like 1 (Ptges3l1), mRNA [NM_001014272]	8,100
Adora2b	Rattus norvegicus adenosine A2B receptor (Adora2b), mRNA [NM_017161]	8,099
Poll	Rattus norvegicus polymerase (DNA directed), lambda (Poll), mRNA [NM_001014168]	8,098
Slc5a3	Rattus norvegicus solute carrier family 5 (sodium/myo-inositol cotransporter), member 3 (Slc5a3), mRNA [NM_053715]	8,098
Myh13	Myosin heavy chain [Source:UniProtKB/TrEMBL;Acc:Q9Z2B7] [ENSRNOT00000055257]	8,098
Mfsd6	Rattus norvegicus major facilitator superfamily domain containing 6 (Mfsd6), mRNA [NM_001106911]	8,097
Znf839	PREDICTED: Rattus norvegicus zinc finger protein 839 (Znf839), mRNA [XM_001071353]	8,097
Prex1	Rattus norvegicus phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1 (Prex1), mRNA [NM_001135718]	8,096
Mtm1	Rattus norvegicus myotubularin 1 (Mtm1), mRNA [NM_001013047]	8,096
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZT40] [ENSRNOT00000041811]	8,096
0	Unknown	8,096
LOC302680	similar to CXORF15 (LOC302680), mRNA [Source:RefSeq DNA;Acc:NM_001037187] [ENSRNOT00000006843]	8,095
Tbc1d19	Rattus norvegicus TBC1 domain family, member 19 (Tbc1d19), mRNA [NM_001106008]	8,095

0	Q5SZT6_MOUSE (Q5SZT6) OTTMUSP00000000447, partial (4%) [TC640179]	8,093
Pigl	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class L (Pigl), mRNA [NM_138901]	8,090
Rnf123	Rattus norvegicus ring finger protein 123 (Rnf123), mRNA [NM_001191580]	8,090
Xrcc1	Rattus norvegicus X-ray repair complementing defective repair in Chinese hamster cells 1 (Xrcc1), mRNA [NM_053435]	8,090
Stx5	Rattus norvegicus syntaxin 5 (Stx5), mRNA [NM_031704]	8,090
Olr806	Rattus norvegicus olfactory receptor 806 (Olr806), mRNA [NM_001000976]	8,089
Camsap1	Rattus norvegicus calmodulin regulated spectrin-associated protein 1 (Camsap1), mRNA [NM_001168549]	8,089
Vps36	Rattus norvegicus vacuolar protein sorting 36 homolog (S. cerevisiae) (Vps36), mRNA [NM_001106092]	8,086
Tst	Rattus norvegicus thiosulfate sulfurtransferase (Tst), nuclear gene encoding mitochondrial protein, mRNA [NM_012808]	8,086
Cpeb1	Rattus norvegicus cytoplasmic polyadenylation element binding protein 1 (Cpeb1), mRNA [NM_001106276]	8,086
LOC498829	PREDICTED: Rattus norvegicus Ab2-143 (LOC498829), miscRNA [XR_005439]	8,085
Grin2c	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate 2C (Grin2c), mRNA [NM_012575]	8,084
0	Unknown	8,082
Tdrd12	PREDICTED: Rattus norvegicus similar to CG11133-PA (LOC689639), mRNA [XM_001071461]	8,081
Tk2	Rattus norvegicus thymidine kinase 2, mitochondrial (Tk2), nuclear gene encoding mitochondrial protein, mRNA [NM_001106166]	8,080
0	Unknown	8,080
Srp72	Rattus norvegicus signal recognition particle 72 (Srp72), mRNA [NM_001170601]	8,078
Zcchc17	Rattus norvegicus zinc finger, CCHC domain containing 17 (Zcchc17), mRNA [NM_001109267]	8,078
Olr834	Rattus norvegicus olfactory receptor 834 (Olr834), mRNA [NM_001000407]	8,077
0	Dedicator of cytokinesis 5 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYS9] [ENSRNOT00000058887]	8,077
Dppa2	PREDICTED: Rattus norvegicus similar to developmental pluripotency-associated 2 (LOC685364), mRNA [XM_001063497]	8,076
RT1-A1	Rattus norvegicus RT1 class Ia, locus A1 (RT1-A1), mRNA [NM_001008827]	8,076
0	Unknown	8,074
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRC6] [ENSRNOT00000050943]	8,073
RGD1564915	PREDICTED: Rattus norvegicus similar to TDPOZ2 (RGD1564915), mRNA [XM_578033]	8,072
Lsm11	Rattus norvegicus LSM11, U7 small nuclear RNA associated (Lsm11), mRNA [NM_001173384]	8,070
Sox2	Rattus norvegicus SRY (sex determining region Y)-box 2 (Sox2), mRNA [NM_001109181]	8,066
0	Unknown	8,066
0	AGENCOURT_27827201 NIH_MGC_252 Rattus norvegicus cDNA clone IMAGE:7307928 5', mRNA sequence [CO396750]	8,063
Sel1l	Rattus norvegicus sel-1 suppressor of lin-12-like (C. elegans) (Sel1l), mRNA [NM_177933]	8,062
Mtf2	Rattus norvegicus metal response element binding transcription factor 2 (Mtf2), mRNA [NM_001100898]	8,061
Sned1	Rattus norvegicus sushi, nidogen and EGF-like domains 1 (Sned1), mRNA [NM_001167842]	8,061
Tpd52l2	Rattus norvegicus tumor protein D52-like 2 (Tpd52l2), mRNA [NM_198744]	8,060
Klhl21	Rattus norvegicus kelch-like 21 (Drosophila) (Klhl21), mRNA [NM_001107996]	8,059

Pigw	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class W (Pigw), mRNA [NM_194461]	8,058
0	Unknown	8,057
Unc79	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSV8] [ENSRNOT00000066306]	8,057
Fen1	Rattus norvegicus flap structure-specific endonuclease 1 (Fen1), mRNA [NM_053430]	8,057
0	Unknown	8,057
Zfp64	Rattus norvegicus zinc finger protein 64 (Zfp64), mRNA [NM_001012093]	8,055
0	PREDICTED: Rattus norvegicus similar to eyes absent 4 isoform a (LOC360684), partial mRNA [XM_340956]	8,055
Rapgef6	Rattus norvegicus Rap guanine nucleotide exchange factor (GEF) 6 (Rapgef6), mRNA [NM_001107003]	8,054
Fam122b	Rattus norvegicus family with sequence similarity 122B (Fam122b), mRNA [NM_001166586]	8,053
Zfp1	PREDICTED: Rattus norvegicus zinc finger protein 1 (Zfp1), mRNA [XM_001077676]	8,053
Top2a	Rattus norvegicus topoisomerase (DNA) II alpha (Top2a), mRNA [NM_022183]	8,052
Rfng	Rattus norvegicus RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (Rfng), mRNA [NM_021849]	8,051
0	Unknown	8,051
0	Unknown	8,051
0	Ig gamma-2A chain C region [Source:UniProtKB/Swiss-Prot;Acc:P20760] [ENSRNOT00000066209]	8,050
Metrn	Rattus norvegicus meteorin, glial cell differentiation regulator (Metrn), mRNA [NM_001009962]	8,048
Rbbp4	Rattus norvegicus retinoblastoma binding protein 4 (Rbbp4), mRNA [NM_001107912]	8,047
Zfyve19	Rattus norvegicus zinc finger, FYVE domain containing 19 (Zfyve19), mRNA [NM_001034948]	8,046
Vegfc	Rattus norvegicus vascular endothelial growth factor C (Vegfc), mRNA [NM_053653]	8,046
Kpna5	Rattus norvegicus karyopherin alpha 5 (importin alpha 6) (Kpna5), mRNA [NM_001025113]	8,045
Flrt3	Rattus norvegicus fibronectin leucine rich transmembrane protein 3 (Flrt3), mRNA [NM_001126291]	8,044
Zdhhc21	Rattus norvegicus zinc finger, DHHC-type containing 21 (Zdhhc21), mRNA [NM_001039009]	8,042
Bcat2	Branched-chain-amino-acid aminotransferase, mitochondrial [Source:UniProtKB/Swiss-Prot;Acc:O35854] [ENSRNOT00000028474]	8,040
0	Unknown	8,040
0	Unknown	8,040
Adcy2	Rattus norvegicus adenylate cyclase 2 (brain) (Adcy2), mRNA [NM_031007]	8,039
Uso1	Rattus norvegicus USO1 homolog, vesicle docking protein (yeast) (Uso1), mRNA [NM_019379]	8,038
0	Unknown	8,037
0	Unknown	8,035
Gcsh	Rattus norvegicus glycine cleavage system protein H (aminomethyl carrier) (Gcsh), nuclear gene encoding mitochondrial protein, mRNA [NM_133598]	8,034
0	Unknown	8,033
0	Unknown	8,030
0	Unknown	8,030

Prps1	Rattus norvegicus phosphoribosyl pyrophosphate synthetase 1 (Prps1), mRNA [NM_017243]	8,029
LOC687565	Rattus norvegicus similar to density-regulated protein (LOC687565), mRNA [NM_001115046]	8,029
Disp1	Rattus norvegicus dispatched homolog 1 (Drosophila) (Disp1), mRNA [NM_001105983]	8,028
Fgfr3	Rattus norvegicus fibroblast growth factor receptor 3 (Fgfr3), mRNA [NM_053429]	8,025
LOC363337	Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363337), mRNA [NM_001014221]	8,024
Zfp786	Rattus norvegicus zinc finger protein 786 (Zfp786), mRNA [NM_001127594]	8,024
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVK0] [ENSRNOT00000009701]	8,023
Kcnk6	Rattus norvegicus potassium channel, subfamily K, member 6 (Kcnk6), mRNA [NM_053806]	8,022
Wdr25l	Rattus norvegicus WD repeat domain 25-like (Wdr25l), mRNA [NM_001135894]	8,021
0	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) (RGD1564958), mRNA [XM_001066279]	8,020
Rpl10a	Rattus norvegicus ribosomal protein L10A (Rpl10a), mRNA [NM_031065]	8,020
Zfp93	Rattus norvegicus zinc finger protein 93 (Zfp93), mRNA [NM_001106546]	8,019
0	Unknown	8,019
Trpm5	Rattus norvegicus transient receptor potential cation channel, subfamily M, member 5 (Trpm5), mRNA [NM_001191896]	8,018
Nrp1	Rattus norvegicus neuropilin 1 (Nrp1), mRNA [NM_145098]	8,018
Tmem74	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR33] [ENSRNOT00000006791]	8,018
0	Rattus norvegicus TL0ACA48YA23 mRNA sequence. [FQ215489]	8,013
Gcn111	Rattus norvegicus GCN1 general control of amino-acid synthesis 1-like 1 (yeast) (Gcn111), mRNA [NM_001168664]	8,013
Ncapd3	Rattus norvegicus non-SMC condensin II complex, subunit D3 (Ncapd3), mRNA [NM_001034000]	8,013
Rpap2	Rattus norvegicus RNA polymerase II associated protein 2 (Rpap2), mRNA [NM_001013987]	8,010
0	PREDICTED: Rattus norvegicus hypothetical gene supported by BC082068 (LOC501476), mRNA [XM_002730162]	8,010
LOC683034	PREDICTED: Rattus norvegicus hypothetical protein LOC683034, transcript variant 2 (LOC683034), mRNA [XM_001061393]	8,010
0	Mannan-binding lectin serine protease 1Mannan-binding lectin serine protease 1 heavy chainMannan-binding lectin serine protease 1 light chain [Source:UniProtKB/Swiss-Prot;Acc:Q8CHN8] [ENSRNOT00000002512]	8,010
Rapgef4	Rap guanine nucleotide exchange factor 4 [Source:UniProtKB/Swiss-Prot;Acc:Q9Z1C7] [ENSRNOT00000010630]	8,009
Mfn2	Rattus norvegicus mitofusin 2 (Mfn2), nuclear gene encoding mitochondrial protein, mRNA [NM_130894]	8,009
Cbr1	Rattus norvegicus carbonyl reductase 1 (Cbr1), mRNA [NM_019170]	8,009
Parp1	Rattus norvegicus poly (ADP-ribose) polymerase 1 (Parp1), mRNA [NM_013063]	8,006
Phf20	Rattus norvegicus PHD finger protein 20 (Phf20), mRNA [NM_001107795]	8,006
Tubd1	Rattus norvegicus tubulin, delta 1 (Tubd1), mRNA [NM_001105826]	8,003
0	Unknown	8,003
Hs3st3a1	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1 (Hs3st3a1), mRNA [NM_001172067]	8,003
Lrrn4cl	Rattus norvegicus LRRN4 C-terminal like (Lrrn4cl), mRNA [NM_001109579]	8,002

Gpt2	Rattus norvegicus glutamic pyruvate transaminase (alanine aminotransferase) 2 (Gpt2), mRNA [NM_001012057]	8,001
Myo5b	Rattus norvegicus myosin Vb (Myo5b), mRNA [NM_017083]	8,001
Sumf2	Rattus norvegicus sulfatase modifying factor 2 (Sumf2), mRNA [NM_001025125]	8,000
Scara5	Rattus norvegicus scavenger receptor class A, member 5 (putative) (Scara5), mRNA [NM_001135855]	8,000
Habp4	Rattus norvegicus hyaluronan binding protein 4 (Habp4), mRNA [NM_001079940]	7,998
0	similar to RIKEN cDNA 1700001E04 (MGC116197), mRNA [Source:RefSeq DNA;Acc:NM_001025755] [ENSRNOT00000043269]	7,998
Usp13	Rattus norvegicus ubiquitin specific protease 13 (isopeptidase T-3) (Usp13), mRNA [NM_001107665]	7,997
0	P90550_LEIDO (P90550) 39 kDa antigen, partial (5%) [TC612167]	7,997
LOC688387	PREDICTED: Rattus norvegicus hypothetical protein LOC688387 (LOC688387), mRNA [XM_001066721]	7,995
LOC363337	Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363337), mRNA [NM_001014221]	7,995
LOC688463	PREDICTED: Rattus norvegicus hypothetical protein LOC688463 (LOC688463), mRNA [XM_001064240]	7,994
Pamr1	Rattus norvegicus peptidase domain containing associated with muscle regeneration 1 (Pamr1), mRNA [NM_001107755]	7,994
B9d1	Rattus norvegicus B9 protein domain 1 (B9d1), mRNA [NM_001105786]	7,993
Jak2	Rattus norvegicus Janus kinase 2 (Jak2), mRNA [NM_031514]	7,993
Myt1l	Rattus norvegicus myelin transcription factor 1-like (Myt1l), mRNA [NM_053888]	7,991
0	Rattus norvegicus similar to zinc finger protein 91 (HPF7, HTF10) (LOC308338), mRNA [XM_218198]	7,991
Ccdc85a	Rattus norvegicus coiled-coil domain containing 85A (Ccdc85a), mRNA [NM_001191553]	7,991
0	Unknown	7,991
Baiap2l2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A901] [ENSRNOT00000016362]	7,988
Sptbn4	Sptbn4 protein [Source:UniProtKB/TrEMBL;Acc:Q5BJU8] [ENSRNOT00000028393]	7,986
Acyp2	Rattus norvegicus acylphosphatase 2, muscle type (Acyp2), mRNA [NM_001169145]	7,985
Spg7	Rattus norvegicus spastic paraplegia 7 homolog (human) (Spg7), nuclear gene encoding mitochondrial protein, mRNA [NM_181388]	7,985
0	Unknown	7,983
Pkn2	Rattus norvegicus protein kinase N2 (Pkn2), mRNA [NM_001105755]	7,983
Ipo5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A781] [ENSRNOT00000014859]	7,983
Zbtb8a	Rattus norvegicus zinc finger and BTB domain containing 8a (Zbtb8a), mRNA [NM_001107913]	7,979
Harbi1	Rattus norvegicus harbinger transposase derived 1 (Harbi1), mRNA [NM_001113793]	7,979
Camkk2	Rattus norvegicus calcium/calmodulin-dependent protein kinase kinase 2, beta (Camkk2), mRNA [NM_031338]	7,977
Nptn	Rattus norvegicus neuroplastin (Nptn), mRNA [NM_019380]	7,977
Lrrc25	Rattus norvegicus TL0ADA9YE12 mRNA sequence. [FQ228377]	7,977
Nudcd2	Rattus norvegicus NudC domain containing 2 (Nudcd2), mRNA [NM_001009621]	7,974
Rnf215	Rattus norvegicus ring finger protein 215 (Rnf215), mRNA [NM_001107234]	7,969
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC303889), mRNA [XM_221419]	7,969

LOC100360662	PREDICTED: Rattus norvegicus thioredoxin-like 4-like (LOC100360662), mRNA [XM_002729753]	7,969
Lace1	Rattus norvegicus lactation elevated 1 (Lace1), mRNA [NM_001037656]	7,968
Pigg	PREDICTED: Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class G, transcript variant 3 (Pigg), mRNA [XM_223731]	7,967
Fv1	Rattus norvegicus Friend virus susceptibility 1 (Fv1), mRNA [NM_001014018]	7,967
Ldoc1l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZI44] [ENSRNOT00000039588]	7,964
Atoh8	Rattus norvegicus atonal homolog 8 (Drosophila) (Atoh8), mRNA [NM_001109241]	7,963
Hist1h3f	PREDICTED: Rattus norvegicus histone cluster 1, H3f (Hist1h3f), mRNA [XM_001071516]	7,962
Cyb5r2	Rattus norvegicus cytochrome b5 reductase 2 (Cyb5r2), mRNA [NM_001014244]	7,962
Dync1li2	Rattus norvegicus dynein, cytoplasmic 1 light intermediate chain 2 (Dync1li2), mRNA [NM_031026]	7,962
0	Unknown	7,961
0	Unknown	7,960
Lias	Rattus norvegicus lipoic acid synthetase (Lias), nuclear gene encoding mitochondrial protein, mRNA [NM_001012037]	7,959
0	Unknown	7,959
0	Unknown	7,958
0	ORML3_RAT (Q6QI25) ORM1-like protein 3 (Liver regeneration-related protein LRRGT00183), complete [TC597420]	7,956
Srbd1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9B0] [ENSRNOT00000019894]	7,955
Olr259	Rattus norvegicus olfactory receptor 259 (Olr259), mRNA [NM_001000222]	7,955
0	Unknown	7,954
0	Unknown	7,952
Hsf2	Rattus norvegicus heat shock transcription factor 2 (Hsf2), mRNA [NM_031694]	7,951
Atp6v0e1	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal, V0 subunit e1 (Atp6v0e1), mRNA [NM_053578]	7,951
Hlx	Rattus norvegicus H2.0-like homeobox (Hlx), mRNA [NM_001077674]	7,951
Gys1	Rattus norvegicus glycogen synthase 1, muscle (Gys1), mRNA [NM_001109615]	7,950
Ccny	Rattus norvegicus cyclin Y (Ccny), mRNA [NM_001191833]	7,946
R3hcc1	PREDICTED: Rattus norvegicus R3H domain and coiled-coil containing 1 (R3hcc1), mRNA [XM_001069252]	7,942
Fgf1	Rattus norvegicus fibroblast growth factor 1 (Fgf1), mRNA [NM_012846]	7,942
LOC100365858	PREDICTED: Rattus norvegicus zinc finger CCCH type, antiviral 1-like (LOC100365858), miscRNA [XR_085680]	7,941
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLM0] [ENSRNOT00000044997]	7,940
RGD1563547	Rattus norvegicus RGD1563547 (RGD1563547), mRNA [NM_001108266]	7,940
Hnrnpk	Rattus norvegicus heterogeneous nuclear ribonucleoprotein K (Hnrnpk), mRNA [NM_057141]	7,940
Bicd2	Rattus norvegicus bicaudal D homolog 2 (Drosophila) (Bicd2), transcript variant 1, mRNA [NM_001033674]	7,939
Olr1531	Rattus norvegicus olfactory receptor 1531 (Olr1531), mRNA [NM_001001102]	7,937
0	Unknown	7,937
0	Unknown	7,936

Nav3	Rattus norvegicus neuron navigator 3 (Nav3), mRNA [NM_001191782]	7,935
Mllt4	Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4 (Mllt4), mRNA [NM_013217]	7,935
Rrn3	Rattus norvegicus RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae) (Rrn3), mRNA [NM_001135846]	7,935
Cenpc1	Rattus norvegicus centromere protein C 1 (Cenpc1), mRNA [NM_001004098]	7,934
0	Unknown	7,934
Xcl1	Rattus norvegicus chemokine (C motif) ligand 1 (Xcl1), mRNA [NM_134361]	7,933
Spin1	Rattus norvegicus spindlin 1 (Spin1), mRNA [NM_001024796]	7,933
Hmg111	Rattus norvegicus high-mobility group (nonhistone chromosomal) protein 1-like 1 (Hmg111), mRNA [NM_001109373]	7,931
Bbc3	Rattus norvegicus Bcl-2 binding component 3 (Bbc3), mRNA [NM_173837]	7,931
Ezr	Rattus norvegicus ezrin (Ezr), mRNA [NM_019357]	7,931
Fitm1	Rattus norvegicus fat storage-inducing transmembrane protein 1 (Fitm1), mRNA [NM_001106037]	7,931
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC294844), mRNA [XM_226873]	7,930
0	Rattus norvegicus clone PLRR-14 polymorphic leucine-rich repeat protein mRNA, partial cds. [AF406815]	7,930
Nr1h2	Rattus norvegicus nuclear receptor subfamily 1, group H, member 2 (Nr1h2), mRNA [NM_031626]	7,930
Uck2	Rattus norvegicus uridine-cytidine kinase 2 (Uck2), mRNA [NM_001102408]	7,928
Epha6	Ephrin type-A receptor 6 [Source:UniProtKB/Swiss-Prot;Acc:P54758] [ENSRNOT00000047310]	7,927
Adcyap1	Rattus norvegicus adenylate cyclase activating polypeptide 1 (Adcyap1), mRNA [NM_016989]	7,927
Olr1366	Rattus norvegicus olfactory receptor 1366 (Olr1366), mRNA [NM_001000980]	7,926
0	Q63ZX6_MOUSE (Q63ZX6) Phf2011 protein (Fragment), partial (4%) [TC630334]	7,926
Fxr2	Rattus norvegicus fragile X mental retardation, autosomal homolog 2 (Fxr2), mRNA [NM_001100647]	7,926
RGD1307461	Rattus norvegicus similar to RIKEN cDNA 6430571L13 gene; similar to g20 protein (RGD1307461), mRNA [NM_001106854]	7,924
Pnma1	Rattus norvegicus paraneoplastic antigen MA1 (Pnma1), mRNA [NM_130820]	7,923
Zfyve9	Rattus norvegicus zinc finger, FYVE domain containing 9 (Zfyve9), mRNA [NM_001107952]	7,923
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFR8] [ENSRNOT00000036063]	7,923
Tcrb	AGENCOURT_28622268 NIH_MGC_250 Rattus norvegicus cDNA clone IMAGE:7384586 5', mRNA sequence [CO562512]	7,920
0	Rattus norvegicus similar to Dcra (LOC360703), mRNA [XM_340974]	7,919
Efcab1	Rattus norvegicus EF hand calcium binding domain 1 (Efcab1), mRNA [NM_001106930]	7,919
Sms	Rattus norvegicus spermine synthase (Sms), mRNA [NM_001033899]	7,919
Pik3ca	Rattus norvegicus phosphoinositide-3-kinase, catalytic, alpha polypeptide (Pik3ca), mRNA [NM_133399]	7,918
Acrbp	Rattus norvegicus acrosin binding protein (Acrbp), mRNA [NM_001025049]	7,918
Arhgef19	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 19 (Arhgef19), mRNA [NM_001108692]	7,917
Pcgf1	Rattus norvegicus polycomb group ring finger 1 (Pcgf1), mRNA [NM_001007000]	7,913
Plag1	Rattus norvegicus pleiomorphic adenoma gene 1 (Plag1), mRNA [NM_001008316]	7,913

Tmeff1	Rattus norvegicus transmembrane protein with EGF-like and two follistatin-like domains 1 (Tmeff1), mRNA [NM_023020]	7,913
0	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) (RGD1561881), mRNA [XM_001078200]	7,909
0	Unknown	7,909
Gdap111	Rattus norvegicus ganglioside-induced differentiation-associated protein 1-like 1 (Gdap111), mRNA [NM_001107798]	7,908
Brwd3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8C5] [ENSRNOT00000050336]	7,908
Hrh1	Rattus norvegicus histamine receptor H 1 (Hrh1), mRNA [NM_017018]	7,907
Zkscan3	Rattus norvegicus zinc finger with KRAB and SCAN domains 3 (Zkscan3), mRNA [NM_001012053]	7,907
Got1	Rattus norvegicus glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) (Got1), mRNA [NM_012571]	7,906
Armc7	Rattus norvegicus armadillo repeat containing 7 (Armc7), mRNA [NM_001127522]	7,906
0	Unknown	7,906
Mum111	Rattus norvegicus melanoma associated antigen (mutated) 1-like 1 (Mum111), mRNA [NM_001109321]	7,906
Bag4	Rattus norvegicus BCL2-associated athanogene 4 (Bag4), mRNA [NM_001025130]	7,903
0	Unknown	7,903
RGD1311357	PREDICTED: Rattus norvegicus similar to A530083I02Rik protein (RGD1311357), mRNA [XM_001070093]	7,903
RGD1564722	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABT2] [ENSRNOT00000049766]	7,902
Slc30a3	Rattus norvegicus solute carrier family 30 (zinc transporter), member 3 (Slc30a3), mRNA [NM_001013243]	7,899
Sync	Rattus norvegicus syncoilin (Sync), mRNA [NM_001108683]	7,899
Gle1	Rattus norvegicus GLE1 RNA export mediator homolog (yeast) (Gle1), mRNA [NM_001025731]	7,899
Calm1	Rattus norvegicus calmodulin 1 (Calm1), mRNA [NM_031969]	7,898
Jdp2	Rattus norvegicus Jun dimerization protein 2 (Jdp2), mRNA [NM_053894]	7,895
Eif3j	Rattus norvegicus eukaryotic translation initiation factor 3, subunit J (Eif3j), mRNA [NM_001077670]	7,894
Plcd3	Rattus norvegicus phospholipase C, delta 3 (Plcd3), mRNA [NM_001105845]	7,894
Wbp5	Rattus norvegicus WW domain binding protein 5 (Wbp5), mRNA [NM_001127502]	7,894
Hps3	Rattus norvegicus Hermansky-Pudlak syndrome 3 homolog (human) (Hps3), mRNA [NM_001107664]	7,893
RGD1359449	Rattus norvegicus gasdermin domain containing protein RGD1359449 (RGD1359449), mRNA [NM_001014084]	7,892
0	Unknown	7,892
Sbds	Rattus norvegicus Shwachman-Bodian-Diamond syndrome homolog (human) (Sbds), mRNA [NM_001008289]	7,891
0	Unknown	7,890
LOC378467	Rattus norvegicus promethin (LOC378467), mRNA [NM_194354]	7,890
Triobp	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHT2] [ENSRNOT00000067341]	7,889
Herpud2	Rattus norvegicus HERPUD family member 2 (Herpud2), mRNA [NM_001024988]	7,886
Mrgprb4	Rattus norvegicus MAS-related GPR, member B4 (Mrgprb4), mRNA [NM_001002287]	7,886
Tpd5211	Rattus norvegicus tumor protein D52-like 1 (Tpd5211), mRNA [NM_001044295]	7,885

Polr3d	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide D (Polr3d), mRNA [NM_001031653]	7,884
Pcolce	Rattus norvegicus procollagen C-endopeptidase enhancer (Pcolce), mRNA [NM_019237]	7,882
Chrn4	Rattus norvegicus cholinergic receptor, nicotinic, beta 4 (Chrn4), mRNA [NM_052806]	7,881
0	Unknown	7,878
Calm2	Rattus norvegicus calmodulin 2 (Calm2), mRNA [NM_017326]	7,878
Wdr89	Rattus norvegicus WD repeat domain 89 (Wdr89), mRNA [NM_001014078]	7,877
Tead1	Rattus norvegicus TEA domain family member 1 (Tead1), mRNA [NM_001198589]	7,877
Glyat3	Rattus norvegicus glycine-N-acyltransferase-like 3 (Glyat3), mRNA [NM_001145062]	7,876
Stxbp5	Rattus norvegicus syntaxin binding protein 5 (tomosyn) (Stxbp5), transcript variant b, mRNA [NM_178345]	7,876
Cinp	Rattus norvegicus cyclin-dependent kinase 2-interacting protein (Cinp), mRNA [NM_001106758]	7,875
Abhd5	Rattus norvegicus abhydrolase domain containing 5 (Abhd5), mRNA [NM_212524]	7,874
0	predicted gene 884 Gene [Source:MGI Symbol;Acc:MGI:2685730] [ENSRNOT00000043156]	7,873
0	Unknown	7,872
Ptcd3	Rattus norvegicus Pentatricopeptide repeat domain 3 (Ptcd3), nuclear gene encoding mitochondrial protein, mRNA [NM_001134718]	7,872
0	RCG22822Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYH3] [ENSRNOT00000048236]	7,872
Ngrn	Rattus norvegicus neugrin, neurite outgrowth associated (Ngrn), transcript variant 2, mRNA [NM_001033900]	7,871
Pex11g	Rattus norvegicus peroxisomal biogenesis factor 11 gamma (Pex11g), mRNA [NM_001105902]	7,871
Rpp14	Rattus norvegicus ribonuclease P 14 subunit (human) (Rpp14), transcript variant 1, mRNA [NM_001108372]	7,871
RT1-CE4	Rattus norvegicus RT1 class I, locus CE4 (RT1-CE4), mRNA [NM_001008842]	7,871
Capn5	Rattus norvegicus calpain 5 (Capn5), mRNA [NM_134461]	7,871
Cxadr1	Rattus norvegicus coxsackie virus and adenovirus receptor-like 1 (Cxadr1), mRNA [NM_199406]	7,871
LOC311026	PREDICTED: Rattus norvegicus similar to mKIAA1461 protein (LOC311026), miscRNA [XR_007266]	7,870
Gpx3	Rattus norvegicus glutathione peroxidase 3 (Gpx3), mRNA [NM_022525]	7,868
Slc25a20	Rattus norvegicus solute carrier family 25 (carnitine/acylcarnitine translocase), member 20 (Slc25a20), nuclear gene encoding mitochondrial protein, mRNA [NM_053965]	7,867
Parp2	Rattus norvegicus poly (ADP-ribose) polymerase 2 (Parp2), mRNA [NM_001106030]	7,866
Olr53	Rattus norvegicus olfactory receptor 53 (Olr53), mRNA [NM_001001008]	7,865
Ryk	Rattus norvegicus receptor-like tyrosine kinase (Ryk), mRNA [NM_080402]	7,864
Ndst3	Rattus norvegicus N-deacetylase/N-sulfotransferase (heparan glucosaminy) 3 (Ndst3), mRNA [NM_001191716]	7,862
0	Unknown	7,862
0	Unknown	7,860
0	Unknown	7,860
Aatk	Rattus norvegicus apoptosis-associated tyrosine kinase (Aatk), mRNA [NM_001168703]	7,860
RGD1311072	Rattus norvegicus similar to 2410001C21Rik protein (RGD1311072), mRNA [NM_001033890]	7,860

Bahd1	PREDICTED: Rattus norvegicus bromo adjacent homology domain containing 1 (Bahd1), mRNA [XM_347035]	7,859
Agbl1	PREDICTED: Rattus norvegicus similar to hypothetical protein D430020F16 (RGD1560280), mRNA [XM_001063833]	7,859
Tmem149	Rattus norvegicus transmembrane protein 149 (Tmem149), mRNA [NM_001134610]	7,859
Fgf11	Rattus norvegicus fibroblast growth factor 11 (Fgf11), mRNA [NM_130816]	7,858
Ehd3	Rattus norvegicus EH-domain containing 3 (Ehd3), mRNA [NM_138890]	7,855
Ubqln1	Rattus norvegicus ubiquilin 1 (Ubqln1), mRNA [NM_053747]	7,854
Rbm42	Rattus norvegicus RNA binding motif protein 42 (Rbm42), mRNA [NM_001014159]	7,852
LOC499124	Rattus norvegicus mouse zinc finger protein 14-like (LOC499124), mRNA [NM_001100991]	7,851
Ddhd2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ91] [ENSRNOT00000020832]	7,851
Gl25d1	Rattus norvegicus glycosyltransferase 25 domain containing 1 (Gl25d1), mRNA [NM_001106067]	7,849
Sc4mol	Rattus norvegicus sterol-C4-methyl oxidase-like (Sc4mol), mRNA [NM_080886]	7,849
Wdr43	Rattus norvegicus WD repeat domain 43 (Wdr43), mRNA [NM_001037791]	7,848
Spr	Rattus norvegicus sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase) (Spr), mRNA [NM_019181]	7,847
Pbrm1	PREDICTED: Rattus norvegicus polybromo 1, transcript variant 2 (Pbrm1), mRNA [XM_001059164]	7,847
Thg1l	Rattus norvegicus tRNA-histidine guanylyltransferase 1-like (S. cerevisiae) (Thg1l), mRNA [NM_001013966]	7,847
Gabrd	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, delta (Gabrd), mRNA [NM_017289]	7,846
LOC299558	PREDICTED: Rattus norvegicus similar to Zinc finger protein 44 (Zinc finger protein KOX7) (Gonadotropin-inducible transcription repressor 2) (GIOT-2) (LOC299558), miscRNA [XR_009217]	7,845
RGD1559750	PREDICTED: Rattus norvegicus similar to 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (RGD1559750), mRNA [XM_227632]	7,845
Trim66	Rattus norvegicus tripartite motif-containing 66 (Trim66), mRNA [NM_001191839]	7,844
Hist3h2bb	Rattus norvegicus histone cluster 3, H2bb (Hist3h2bb), mRNA [NM_001109641]	7,844
Fibcd1	Rattus norvegicus fibrinogen C domain containing 1 (Fibcd1), mRNA [NM_001107829]	7,842
Olr1744	Rattus norvegicus olfactory receptor 1744 (Olr1744), mRNA [NM_001001426]	7,842
Ppil1	Rattus norvegicus peptidylprolyl isomerase (cyclophilin)-like 1 (Ppil1), mRNA [NM_001034188]	7,842
LOC686537	PREDICTED: Rattus norvegicus similar to Carcinoembryonic antigen-related cell adhesion molecule 3 precursor (Carcinoembryonic antigen CGM1) (LOC686537), mRNA [XM_001074635]	7,842
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9A9] [ENSRNOT00000015727]	7,840
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z881] [ENSRNOT00000012600]	7,838
Nudcd2	Rattus norvegicus NudC domain containing 2 (Nudcd2), mRNA [NM_001009621]	7,837
Gpx8	Rattus norvegicus glutathione peroxidase 8 (Gpx8), mRNA [NM_001106411]	7,837
Hey1	Rattus norvegicus hairy/enhancer-of-split related with YRPW motif 1 (Hey1), mRNA [NM_001191845]	7,835
Scg3	Rattus norvegicus secretogranin III (Scg3), mRNA [NM_053856]	7,835
Ash1l	Rattus norvegicus ash1 (absent, small, or homeotic)-like (Drosophila) (Ash1l), mRNA [NM_001107689]	7,834

0	Unknown	7,833
Ints2	Rattus norvegicus integrator complex subunit 2, mRNA (cDNA clone MGC:156742 IMAGE:7107619), complete cds. [BC128757]	7,833
Rassf5	Rattus norvegicus Ras association (RalGDS/AF-6) domain family member 5 (Rassf5), mRNA [NM_019365]	7,832
0	ribonuclease III, nuclear Gene [Source:MGI Symbol;Acc:MGI:1261425] [ENSRNOT00000048026]	7,832
0	AMGNNUC:SRPG2-00063-G11-A srpg2 (10238) Rattus norvegicus cDNA clone srpg2-00063-g11 5', mRNA sequence [CB547488]	7,831
Trmt1	Rattus norvegicus TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae) (Trmt1), mRNA [NM_001013870]	7,829
Mrpl49	Rattus norvegicus mitochondrial ribosomal protein L49 (Mrpl49), nuclear gene encoding mitochondrial protein, mRNA [NM_001047883]	7,829
Pign	Rattus norvegicus phosphatidylinositol glycan, class N (Pign), mRNA [NM_001100584]	7,826
Olr1625	Rattus norvegicus olfactory receptor 1625 (Olr1625), mRNA [NM_001000971]	7,826
0	RGD1308143 protein [Source:UniProtKB/TrEMBL;Acc:Q5XI45] [ENSRNOT00000056439]	7,826
Dip2a	Rattus norvegicus DIP2 disco-interacting protein 2 homolog A (Drosophila) (Dip2a), mRNA [NM_001191564]	7,825
0	Unknown	7,825
Nmral1	Rattus norvegicus NmrA-like family domain containing 1 (Nmral1), mRNA [NM_001191588]	7,824
Hdgfrp3	Rattus norvegicus hepatoma-derived growth factor, related protein 3 (Hdgfrp3), mRNA [NM_145785]	7,822
0	Unknown	7,822
Dicer1	PREDICTED: Rattus norvegicus dicer 1, ribonuclease type III (Dicer1), mRNA [XM_001068155]	7,821
Olr1077	Rattus norvegicus olfactory receptor 1077 (Olr1077), mRNA [NM_001000941]	7,821
Scp2	Rattus norvegicus sterol carrier protein 2 (Scp2), mRNA [NM_138508]	7,821
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A391] [ENSRNOT00000066991]	7,821
Col11a2	Rattus norvegicus collagen, type XI, alpha 2 (Col11a2), mRNA [NM_212528]	7,820
Cd200	Rattus norvegicus Cd200 molecule (Cd200), mRNA [NM_031518]	7,819
Kank1	Rattus norvegicus KN motif and ankyrin repeat domains 1 (Kank1), mRNA [NM_001037197]	7,818
Sfrs18	Rattus norvegicus splicing factor, arginine/serine-rich 18 (Sfrs18), mRNA [NM_001025274]	7,816
Camp	Rattus norvegicus cathelicidin antimicrobial peptide (Camp), mRNA [NM_001100724]	7,816
0	Unknown	7,816
Adat3	Rattus norvegicus adenosine deaminase, tRNA-specific 3, TAD3 homolog (S. cerevisiae) (Adat3), mRNA [NM_001103361]	7,816
Ctxn2	Rattus norvegicus cortexin 2 (Ctxn2), mRNA [NM_001162935]	7,816
Plcd1	Rattus norvegicus phospholipase C, delta 1 (Plcd1), mRNA [NM_017035]	7,813
Rcor1	Rattus norvegicus REST corepressor 1 (Rcor1), mRNA [NM_001108060]	7,813
0	Unknown	7,812
Fgfr1	Rattus norvegicus Fibroblast growth factor receptor 1 (Fgfr1), mRNA [NM_024146]	7,812
Ccr12	Rattus norvegicus chemokine (C-C motif) receptor-like 2 (Ccr12), mRNA [NM_001108191]	7,810
Pigo	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTP8] [ENSRNOT00000013213]	7,810
Kctd2	PREDICTED: Rattus norvegicus potassium channel tetramerisation domain containing 2 (Kctd2), mRNA [XM_001081684]	7,810

Ces2i	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE31] [ENSRNOT00000015997]	7,810
Gpr98	PREDICTED: Rattus norvegicus G protein-coupled receptor 98 (Gpr98), mRNA [XM_002725894]	7,810
Aen	Rattus norvegicus apoptosis enhancing nuclease (Aen), mRNA [NM_001108487]	7,809
0	Unknown	7,808
0	O16480_CAEL (O16480) Serpentine receptor, class t protein 8, partial (5%) [TC627292]	7,807
Shmt2	Rattus norvegicus serine hydroxymethyltransferase 2 (mitochondrial) (Shmt2), nuclear gene encoding mitochondrial protein, mRNA [NM_001008322]	7,806
Rmi1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHX4] [ENSRNOT00000025812]	7,805
Taf8	Rattus norvegicus TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf8), mRNA [NM_001108197]	7,803
Gabpb1l	Rattus norvegicus GA binding protein transcription factor, beta subunit 1-like (Gabpb1l), mRNA [NM_001135015]	7,802
Ctsa	Rattus norvegicus cathepsin A (Ctsa), mRNA [NM_001011959]	7,801
Notch4	Rattus norvegicus Notch homolog 4 (Drosophila) (Notch4), mRNA [NM_001002827]	7,801
LOC500475	Rattus norvegicus similar to hypothetical protein 4933430117 (LOC500475), mRNA [NM_001024346]	7,800
Slc7a1	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 (Slc7a1), mRNA [NM_013111]	7,799
Kat2a	Rattus norvegicus K(lysine) acetyltransferase 2A (Kat2a), mRNA [NM_001107050]	7,799
Myt1	Rattus norvegicus myelin transcription factor 1 (Myt1), mRNA [NM_001108615]	7,797
Map3k7ip1	Rattus norvegicus mitogen-activated protein kinase kinase kinase 7 interacting protein 1 (Map3k7ip1), mRNA [NM_001109976]	7,797
LOC682861	PREDICTED: Rattus norvegicus similar to adenomatosis polyposis coli down-regulated 1 (LOC682861), mRNA [XM_001063452]	7,796
Rom1	Rattus norvegicus retinal outer segment membrane protein 1 (Rom1), mRNA [NM_001009690]	7,796
LOC684293	PREDICTED: Rattus norvegicus similar to synaptotagmin XIV (LOC684293), mRNA [XM_001069763]	7,795
LOC689074	Rattus norvegicus similar to Protein KIAA1543 (LOC689074), mRNA [NM_001144840]	7,795
0	Unknown	7,794
0	Rattus norvegicus similar to RIKEN cDNA A230102I05 (LOC308316), mRNA [XM_218209]	7,793
RGD1562997	Unknown	7,793
Per3	Rattus norvegicus period homolog 3 (Drosophila) (Per3), mRNA [NM_023978]	7,791
Tbccd1	Rattus norvegicus TBCC domain containing 1 (Tbccd1), mRNA [NM_001012016]	7,790
Ppfia4	Rattus norvegicus protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 4 (Ppfia4), mRNA [NM_080409]	7,790
Akna	Rattus norvegicus AT-hook transcription factor (Akna), mRNA [NM_001108668]	7,789
Znf511	Rattus norvegicus zinc finger protein 511 (Znf511), mRNA [NM_001106309]	7,789
RGD1307357	Rattus norvegicus similar to hypothetical protein DKFZp434A1319 (RGD1307357), mRNA [NM_001106180]	7,788
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLJ4] [ENSRNOT00000041935]	7,788
Zdhhc6	Rattus norvegicus zinc finger, DHHC-type containing 6 (Zdhhc6), mRNA [NM_001037652]	7,787
0	Unknown	7,786

Shroom3	Rattus norvegicus shroom family member 3 (Shroom3), mRNA [NM_001100889]	7,786
0	Unknown	7,786
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3Z8U8] [ENSRNOT00000026712]	7,784
LOC690490	PREDICTED: Rattus norvegicus similar to similar to RIKEN cDNA 1700001E04 (LOC690490), mRNA [XM_001074598]	7,783
Wdr8	Rattus norvegicus WD repeat domain 8 (Wdr8), mRNA [NM_001014262]	7,781
Ireb2	Rattus norvegicus iron responsive element binding protein 2 (Ireb2), mRNA [NM_022863]	7,781
Nupr1	Rattus norvegicus nuclear protein, transcriptional regulator, 1 (Nupr1), mRNA [NM_053611]	7,780
LOC494539	PREDICTED: Rattus norvegicus spectrin beta-like (LOC494539), miscRNA [XR_085708]	7,779
Slc38a4	Rattus norvegicus solute carrier family 38, member 4 (Slc38a4), mRNA [NM_130748]	7,779
Ms4a15	Rattus norvegicus membrane-spanning 4-domains, subfamily A, member 15 (Ms4a15), mRNA [NM_001191897]	7,779
Gmeb1	Rattus norvegicus glucocorticoid modulatory element binding protein 1 (Gmeb1), mRNA [NM_001109268]	7,779
Igf2r	Rattus norvegicus insulin-like growth factor 2 receptor (Igf2r), mRNA [NM_012756]	7,778
0	Unknown	7,778
Cd69	Rattus norvegicus Cd69 molecule (Cd69), mRNA [NM_134327]	7,777
0	Hydin protein [Source:UniProtKB/TrEMBL;Acc:Q5BJQ9] [ENSRNOT00000059128]	7,775
Il1rn	Rattus norvegicus interleukin 1 receptor antagonist (Il1rn), mRNA [NM_022194]	7,773
Srebf1	Sterol regulatory element-binding protein 1Processed sterol regulatory element-binding protein 1 [Source:UniProtKB/Swiss-Prot;Acc:P56720] [ENSRNOT00000047053]	7,772
Med16	Rattus norvegicus mediator complex subunit 16 (Med16), mRNA [NM_001106768]	7,770
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXP2] [ENSRNOT00000041819]	7,769
Fkbp1b	Rattus norvegicus FK506 binding protein 1b (Fkbp1b), mRNA [NM_022675]	7,768
Pip5k1a	Rattus norvegicus phosphatidylinositol-4-phosphate 5-kinase, type 1, alpha (Pip5k1a), mRNA [NM_001042621]	7,768
Znf516	Rattus norvegicus zinc finger protein 516 (Znf516), mRNA [NM_001191695]	7,768
Fem1b	Rattus norvegicus fem-1 homolog b (C. elegans) (Fem1b), mRNA [NM_001108157]	7,767
Fah	Rattus norvegicus fumarylacetoacetate hydrolase (Fah), mRNA [NM_017181]	7,765
0	Rattus norvegicus TL0AEA7YD23 mRNA sequence. [FQ231120]	7,764
LOC301748	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC301748), mRNA [XM_002730085]	7,764
Anks1a	Rattus norvegicus ankyrin repeat and sterile alpha motif domain containing 1A (Anks1a), mRNA [NM_001107613]	7,763
Msgn1	Rattus norvegicus mesogenin 1 (Msgn1), mRNA [NM_001109551]	7,762
Usp2	Rattus norvegicus ubiquitin specific peptidase 2 (Usp2), mRNA [NM_053774]	7,762
Zfp212	PREDICTED: Rattus norvegicus Zinc finger protein 212 (Zfp212), mRNA [XM_001053455]	7,762
Fam179a	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1L0] [ENSRNOT00000036374]	7,761
Dbc1	Rattus norvegicus deleted in bladder cancer 1 (human) (Dbc1), mRNA [NM_080482]	7,760
Cab39	Rattus norvegicus calcium binding protein 39 (Cab39), mRNA [NM_001106924]	7,758

Mcm7	Rattus norvegicus minichromosome maintenance complex component 7 (Mcm7), mRNA [NM_001004203]	7,758
Gpr21	Rattus norvegicus G protein-coupled receptor 21 (Gpr21), mRNA [NM_001109554]	7,757
LOC500251	Rattus norvegicus hypothetical protein LOC500251 (LOC500251), mRNA [NM_001025047]	7,757
Kcnn2	Rattus norvegicus potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2 (Kcnn2), mRNA [NM_019314]	7,756
RGD1307569	PREDICTED: Rattus norvegicus similar to Protein C21orf63 homolog precursor, transcript variant 1 (RGD1307569), mRNA [XM_001073261]	7,754
Nol10	Rattus norvegicus nucleolar protein 10 (Nol10), mRNA [NM_001014076]	7,753
Kcnh2	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 2 (Kcnh2), mRNA [NM_053949]	7,753
Psx1	PREDICTED: Rattus norvegicus placenta specific homeobox 1 (Psx1), mRNA [XM_231064]	7,753
Usp7	Rattus norvegicus ubiquitin specific peptidase 7 (herpes virus-associated) (Usp7), mRNA [NM_001024790]	7,752
LOC687295	PREDICTED: Rattus norvegicus similar to translocase of inner mitochondrial membrane 50 homolog, transcript variant 2 (LOC687295), mRNA [XM_001073346]	7,752
Kctd3	Rattus norvegicus potassium channel tetramerisation domain containing 3 (Kctd3), mRNA [NM_001107199]	7,749
Cox19	Rattus norvegicus COX19 cytochrome c oxidase assembly homolog (S. cerevisiae) (Cox19), mRNA [NM_001107126]	7,748
Slit1	Rattus norvegicus slit homolog 1 (Drosophila) (Slit1), mRNA [NM_022953]	7,748
Hip1r	Rattus norvegicus huntingtin interacting protein 1 related (Hip1r), transcript variant 1, mRNA [NM_001134763]	7,748
Nup214	Rattus norvegicus nucleoporin 214 (Nup214), mRNA [NM_001168559]	7,747
0	Rattus norvegicus similar to hypothetical protein DKFZp761B107 (LOC305415), mRNA [XM_223492]	7,746
Fam8a1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBT7] [ENSRNOT00000060500]	7,744
Igfbp7	Rattus norvegicus insulin-like growth factor binding protein 7 (Igfbp7), mRNA [NM_001013048]	7,744
LOC366300	PREDICTED: Rattus norvegicus hypothetical LOC366300 (LOC366300), mRNA [XM_002726499]	7,744
0	RGD1311624 protein [Source:UniProtKB/TrEMBL;Acc:Q4G026] [ENSRNOT00000054990]	7,743
0	Unknown	7,742
0	Unknown	7,742
Prune	Rattus norvegicus prune homolog (Drosophila) (Prune), mRNA [NM_001007697]	7,742
Tppp3	Rattus norvegicus tubulin polymerization-promoting protein family member 3 (Tppp3), mRNA [NM_001009639]	7,741
Dimt1l	Rattus norvegicus DIM1 dimethyladenosine transferase 1-like (S. cerevisiae) (Dimt1l), mRNA [NM_001106408]	7,741
Akap1	A-kinase anchor protein 1, mitochondrial [Source:UniProtKB/Swiss-Prot;Acc:O88884] [ENSRNOT00000003251]	7,740
Ankrd50	Rattus norvegicus ankyrin repeat domain 50 (Ankrd50), mRNA [NM_001191606]	7,740
Akr1b10	Rattus norvegicus aldo-keto reductase family 1, member B10 (aldose reductase) (Akr1b10), mRNA [NM_001013084]	7,739
Farp2	Rattus norvegicus FERM, RhoGEF and pleckstrin domain protein 2 (Farp2), mRNA [NM_001108233]	7,736
Gnai3	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha inhibiting 3 (Gnai3), mRNA [NM_013106]	7,736
Klhl35	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6V5] [ENSRNOT00000023386]	7,734
Ska2	Rattus norvegicus spindle and kinetochore associated complex subunit 2 (Ska2), mRNA [NM_001009624]	7,733
0	mannosyl-oligosaccharide 1,2-alpha-mannosidase IA [Source:RefSeq peptide;Acc:NP_001028828] [ENSRNOT00000041738]	7,733

Spata13	Rattus norvegicus spermatogenesis associated 13 (Spata13), mRNA [NM_001191686]	7,733
Myocd	Rattus norvegicus myocardin (Myocd), mRNA [NM_182667]	7,732
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPI3] [ENSRNOT00000038791]	7,732
Ppfia2	Rattus norvegicus protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2 (Ppfia2), mRNA [NM_001108745]	7,731
Arap2	Rattus norvegicus ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2 (Arap2), mRNA [NM_001107216]	7,731
Cyp2b3	Rattus norvegicus cytochrome P450, family 2, subfamily b, polypeptide 3 (Cyp2b3), mRNA [NM_173294]	7,729
Igfbp3	Rattus norvegicus insulin-like growth factor binding protein 3 (Igfbp3), mRNA [NM_012588]	7,727
Mtdh	Rattus norvegicus metadherin (Mtdh), mRNA [NM_133398]	7,727
Secisbp2l	Rattus norvegicus SECIS binding protein 2-like (Secisbp2l), mRNA [NM_001168527]	7,726
LOC687465	PREDICTED: Rattus norvegicus hypothetical protein LOC687465 (LOC687465), mRNA [XM_001078693]	7,726
Psm1	Rattus norvegicus proteasome (prosome, macropain) 26S subunit, non-ATPase, 1 (Psm1), mRNA [NM_031978]	7,726
RGD1307603	Rattus norvegicus similar to hypothetical protein MGC37914 (RGD1307603), mRNA [NM_001134508]	7,725
LOC308954	Rattus norvegicus similar to hypothetical protein MGC50721 (LOC308954), mRNA [NM_001024777]	7,725
0	Unknown	7,724
Adck1	Rattus norvegicus aarF domain containing kinase 1 (Adck1), mRNA [NM_001108985]	7,722
Cdc73	Rattus norvegicus cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) (Cdc73), mRNA [NM_001024769]	7,722
0	Q80XK5_MOUSE (Q80XK5) Frmpd1 protein (Fragment), partial (23%) [TC584718]	7,721
Rnasel	Rattus norvegicus ribonuclease L (2',5'-oligoadenylate synthetase-dependent) (Rnasel), mRNA [NM_182673]	7,720
Pomgnt1	Rattus norvegicus protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase (Pomgnt1), mRNA [NM_001007747]	7,720
Arhgap10	Rattus norvegicus Rho GTPase activating protein 10 (Arhgap10), mRNA [NM_001109501]	7,720
Apbb1ip	Rattus norvegicus amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein (Apbb1ip), mRNA [NM_001100577]	7,719
0	PREDICTED: Rattus norvegicus SPT2, Suppressor of Ty, domain containing 1 (S. cerevisiae) (Spty2d1), mRNA [XM_002726380]	7,718
Crebzf	Rattus norvegicus CREB/ATF bZIP transcription factor (Crebzf), mRNA [NM_001106279]	7,718
Dennd3	PREDICTED: Rattus norvegicus DENN/MADD domain containing 3 (Dennd3), mRNA [XM_001072997]	7,718
Hars2l	Rattus norvegicus histidyl-tRNA synthetase 2-like (Hars2l), mRNA [NM_001014012]	7,717
RGD1305481	Rattus norvegicus hypothetical LOC294030 (RGD1305481), mRNA [NM_001047856]	7,717
Scgb3a1	Rattus norvegicus secretoglobin, family 3A, member 1 (Scgb3a1), mRNA [NM_001013180]	7,716
Dcaf6	Similar to IQ motif and WD repeats 1 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A8L4] [ENSRNOT00000004199]	7,715
Olr1701	Rattus norvegicus olfactory receptor 1701 (Olr1701), mRNA [NM_001001114]	7,713
0	Unknown	7,713
RGD1559859	PREDICTED: Rattus norvegicus RGD1559859 (RGD1559859), mRNA [XM_001072031]	7,713
Twistnb	Rattus norvegicus TWIST neighbor (Twistnb), mRNA [NM_001108707]	7,713
0	Unknown	7,713

Snapc5	Rattus norvegicus small nuclear RNA activating complex, polypeptide 5 (Snapc5), mRNA [NM_001109643]	7,711
Coch	Rattus norvegicus coagulation factor C homolog, cochlin (Limulus polyphemus) (Coch), mRNA [NM_001108710]	7,710
S100a10	Rattus norvegicus S100 calcium binding protein A10 (S100a10), mRNA [NM_031114]	7,710
Gpld1	Rattus norvegicus glycosylphosphatidylinositol specific phospholipase D1 (Gpld1), mRNA [NM_001100512]	7,710
0	Unknown	7,709
Dstn	Rattus norvegicus destrin (Dstn), mRNA [NM_001033666]	7,708
Evl	Rattus norvegicus Enah/Vasp-like (Evl), mRNA [NM_024147]	7,707
Klhl24	Rattus norvegicus kelch-like 24 (Drosophila) (Klhl24), mRNA [NM_181473]	7,707
RGD1560046	PREDICTED: Rattus norvegicus similar to 3110052M02Rik protein (RGD1560046), mRNA [XM_574335]	7,706
0	membrane-bound transcription factor site-2 protease [Source:RefSeq peptide;Acc:NP_001030179] [ENSRNOT00000010089]	7,706
Fbxo28	Rattus norvegicus F-box protein 28 (Fbxo28), mRNA [NM_001107203]	7,705
Uqcrh	Rattus norvegicus ubiquinol-cytochrome c reductase hinge protein (Uqcrh), nuclear gene encoding mitochondrial protein, mRNA [NM_001009480]	7,704
0	2',5'-phosphodiesterase 12 [Source:UniProtKB/Swiss-Prot;Acc:Q6AXQ5] [ENSRNOT00000017800]	7,704
LOC680722	PREDICTED: Rattus norvegicus hypothetical protein LOC680722 (LOC680722), mRNA [XM_001058566]	7,703
Vom1r22	Rattus norvegicus vomeronasal 1 receptor 22 (Vom1r22), mRNA [NM_001008900]	7,703
Prpg1	Rattus norvegicus proline-rich proteoglycan 1 (Prpg1), mRNA [NM_172064]	7,701
0	Unknown	7,700
Spcs3	Rattus norvegicus signal peptidase complex subunit 3 homolog (S. cerevisiae) (Spcs3), mRNA [NM_001191073]	7,700
Zxdc	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYP0] [ENSRNOT00000038244]	7,700
Rbm15b	RCG25263Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHD6] [ENSRNOT00000018995]	7,699
Cdc25b	Rattus norvegicus cell division cycle 25 homolog B (S. pombe) (Cdc25b), mRNA [NM_133572]	7,699
Tnfrsf4	Rattus norvegicus tumor necrosis factor receptor superfamily, member 4 (Tnfrsf4), mRNA [NM_013049]	7,697
Grsf1	Rattus norvegicus G-rich RNA sequence binding factor 1 (Grsf1), mRNA [NM_001100890]	7,696
Supv3l1	Rattus norvegicus suppressor of var1, 3-like 1 (S. cerevisiae) (Supv3l1), mRNA [NM_001012462]	7,695
Znf597	Rattus norvegicus zinc finger protein 597 (Znf597), mRNA [NM_153732]	7,694
Galnt3	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3) (Galnt3), mRNA [NM_001015032]	7,694
Arfgap2	Rattus norvegicus ADP-ribosylation factor GTPase activating protein 2 (Arfgap2), mRNA [NM_001033707]	7,694
Arrdc2	Rattus norvegicus arrestin domain containing 2 (Arrdc2), mRNA [NM_001107303]	7,693
Nup160	Rattus norvegicus nucleoporin 160 (Nup160), mRNA [NM_001107744]	7,693
Lgr5	Rattus norvegicus leucine rich repeat containing G protein coupled receptor 5 (Lgr5), mRNA [NM_001106784]	7,691
0	Unknown	7,690
Med10	Rattus norvegicus mediator complex subunit 10 (Med10), mRNA [NM_001106097]	7,690
Apex2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHV4] [ENSRNOT00000038157]	7,689

0	Golgi integral membrane protein 4 [Source:UniProtKB/Swiss-Prot;Acc:Q5BJK8] [ENSRNOT00000064588]	7,686
0	Unknown	7,685
Mtmr6	Rattus norvegicus myotubularin related protein 6 (Mtmr6), mRNA [NM_001107268]	7,685
Rab11fip3	Peroxisomal 2,4-dienoyl-CoA reductase [Source:UniProtKB/Swiss-Prot;Acc:Q9Z2M4] [ENSRNOT00000027467]	7,683
Zfp90	Rattus norvegicus zinc finger protein 90 (Zfp90), mRNA [NM_001025765]	7,683
Vstm2b	Rattus norvegicus V-set and transmembrane domain containing 2B (Vstm2b), mRNA [NM_001108479]	7,681
Tll2	Rattus norvegicus tolloid-like 2 (Tll2), mRNA [NM_001191898]	7,680
0	Rattus norvegicus similar to ets variant gene 5 (LOC294776), mRNA [XM_226808]	7,680
Rhpn2	Rattus norvegicus rhophilin, Rho GTPase binding protein 2 (Rhpn2), mRNA [NM_001107505]	7,680
0	Unknown	7,679
Lypd3	Rattus norvegicus Ly6/Plaur domain containing 3 (Lypd3), mRNA [NM_021759]	7,678
LOC298795	Rattus norvegicus similar to 14-3-3 protein sigma (LOC298795), mRNA [NM_001013941]	7,677
Mrpl40	Rattus norvegicus mitochondrial ribosomal protein L40 (Mrpl40), nuclear gene encoding mitochondrial protein, mRNA [NM_001024865]	7,671
Ppp3r1	Rattus norvegicus protein phosphatase 3, regulatory subunit B, alpha isoform (Ppp3r1), mRNA [NM_017309]	7,670
Lass5	Rattus norvegicus LAG1 homolog, ceramide synthase 5 (Lass5), mRNA [NM_001108993]	7,669
Haus8	Rattus norvegicus HAUS augmin-like complex, subunit 8 (Haus8), mRNA [NM_001024971]	7,669
0	Palladin [Source:UniProtKB/Swiss-Prot;Acc:P0C5E3] [ENSRNOT00000013636]	7,669
Tmem223	Rattus norvegicus transmembrane protein 223 (Tmem223), mRNA [NM_001191104]	7,668
LOC691254	PREDICTED: Rattus norvegicus hypothetical protein LOC691254 (LOC691254), mRNA [XM_001077402]	7,668
0	Unknown	7,667
0	Unknown	7,666
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9J6] [ENSRNOT00000043839]	7,666
RGD1563888	Rattus norvegicus similar to DNA segment, Chr 16, ERATO Doi 472, expressed (RGD1563888), mRNA [NM_001108312]	7,666
Snx16	Rattus norvegicus sorting nexin 16 (Snx16), mRNA [NM_022289]	7,665
RGD1565390	PREDICTED: Rattus norvegicus similar to putative protein kinase (RGD1565390), mRNA [XM_344843]	7,664
0	Unknown	7,661
Nfkbid	PREDICTED: Rattus norvegicus nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta (Nfkbid), mRNA [XM_001079086]	7,660
Actb12	Rattus norvegicus actin, beta-like 2 (Actb12), mRNA [NM_001106409]	7,660
Gpr27	Rattus norvegicus G protein-coupled receptor 27 (Gpr27), mRNA [NM_023099]	7,657
Zfp426l	Rattus norvegicus zinc finger protein 426-like (Zfp426l), mRNA [NM_001135018]	7,655
Ino80b	Rattus norvegicus INO80 complex subunit B (Ino80b), mRNA [NM_001048233]	7,654
Sfrs9	Rattus norvegicus splicing factor, arginine/serine-rich 9 (Sfrs9), mRNA [NM_001009255]	7,654
Unc84a	Rattus norvegicus unc-84 homolog A (C. elegans) (Unc84a), mRNA [NM_001007147]	7,653
LOC679934	Rattus norvegicus similar to chromosome 3 open reading frame 10 (LOC679934), mRNA [NM_001195476]	7,651

Klf14	Rattus norvegicus Kruppel-like factor 14 (Klf14), mRNA [NM_001135094]	7,650
Rif1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLT9] [ENSRNOT00000008201]	7,649
Zc3h13	Rattus norvegicus zinc finger CCCH type containing 13 (Zc3h13), mRNA [NM_001170471]	7,649
0	TF7L2_HUMAN (Q9NQB0) Transcription factor 7-like 2 (HMG box transcription factor 4) (T-cell-specific transcription factor 4) (TCF-4) (hTCF-4), partial (58%) [TC603124]	7,649
0	Unknown	7,647
RGD1563667	Rattus norvegicus similar to TDPOZ3 (RGD1563667), mRNA [NM_001100985]	7,647
Fam123c	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHS8] [ENSRNOT000000033700]	7,646
S100a6	Rattus norvegicus S100 calcium binding protein A6 (S100a6), mRNA [NM_053485]	7,645
Vezt	Rattus norvegicus vezatin, adherens junctions transmembrane protein (Vezt), mRNA [NM_001006984]	7,644
Cdkl2	Rattus norvegicus cyclin-dependent kinase-like 2 (CDC2-related kinase) (Cdkl2), mRNA [NM_001012035]	7,643
Eif2s1	Rattus norvegicus eukaryotic translation initiation factor 2, subunit 1 alpha (Eif2s1), mRNA [NM_019356]	7,643
LOC300308	Rattus norvegicus similar to hypothetical protein 4930509O22 (LOC300308), mRNA [NM_001013952]	7,642
Hexim2	Rattus norvegicus hexamethylene bis-acetamide inducible 2 (Hexim2), mRNA [NM_001107054]	7,642
Csrnp1	Rattus norvegicus cysteine-serine-rich nuclear protein 1 (Csrnp1), mRNA [NM_001108786]	7,642
0	Unknown	7,641
Rwdd2b	Rattus norvegicus RWD domain containing 2B (Rwdd2b), mRNA [NM_001100559]	7,641
Mgat2	Rattus norvegicus mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (Mgat2), mRNA [NM_053604]	7,640
Macrod1	Rattus norvegicus MACRO domain containing 1 (Macrod1), mRNA [NM_139337]	7,638
Mccc2	Rattus norvegicus methylcrotonoyl-Coenzyme A carboxylase 2 (beta) (Mccc2), nuclear gene encoding mitochondrial protein, mRNA [NM_001012177]	7,637
Zfp84	Rattus norvegicus zinc finger protein 84 (Zfp84), mRNA [NM_001107500]	7,637
0	Rattus norvegicus Ac1-290 mRNA, complete cds. [AY321322]	7,636
Mettl6	Rattus norvegicus methyltransferase like 6 (Mettl6), mRNA [NM_001007623]	7,636
Stk17b	Rattus norvegicus serine/threonine kinase 17b (Stk17b), mRNA [NM_133392]	7,635
Rbm3	Rattus norvegicus RNA binding motif (RNP1, RRM) protein 3 (Rbm3), mRNA [NM_053696]	7,634
RGD1311745	Rattus norvegicus similar to RIKEN cDNA 1110059G10 (RGD1311745), mRNA [NM_001008329]	7,634
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNC7] [ENSRNOT000000057981]	7,634
0	Unknown	7,633
RGD1565859	PREDICTED: Rattus norvegicus RGD1565859 (RGD1565859), mRNA [XM_001063482]	7,632
Slco4c1	Rattus norvegicus solute carrier organic anion transporter family, member 4C1 (Slco4c1), mRNA [NM_001002024]	7,632
Gcat	Rattus norvegicus glycine C-acetyltransferase (2-amino-3-ketobutyrate-coenzyme A ligase) (Gcat), nuclear gene encoding mitochondrial protein, mRNA [NM_001024277]	7,631
RGD1306746	Rattus norvegicus similar to Hypothetical protein MGC25529 (RGD1306746), mRNA [NM_001107872]	7,631

Trim11	Rattus norvegicus tripartite motif-containing 11 (Trim11), mRNA [NM_001108276]	7,629
Zp3	Rattus norvegicus zona pellucida glycoprotein 3 (sperm receptor) (Zp3), mRNA [NM_053762]	7,627
0	Unknown	7,627
RGD1308430	Rattus norvegicus similar to 1700123O20Rik protein (RGD1308430), mRNA [NM_001108376]	7,626
0	Unknown	7,625
Phyh	Rattus norvegicus phytanoyl-CoA 2-hydroxylase (Phyh), mRNA [NM_053674]	7,624
0	Unknown	7,623
0	Unknown	7,623
0	Unknown	7,623
0	Unknown	7,623
Pde10a	Rattus norvegicus phosphodiesterase 10A (Pde10a), mRNA [NM_022236]	7,622
LOC688083	PREDICTED: Rattus norvegicus similar to LRP16 protein, transcript variant 2 (LOC688083), mRNA [XM_001080245]	7,621
Gpr165	Rattus norvegicus G protein-coupled receptor 165 (Gpr165), mRNA [NM_001106582]	7,621
Usp25	Rattus norvegicus ubiquitin specific peptidase 25 (Usp25), mRNA [NM_001107114]	7,621
Rtn4rl1	Rattus norvegicus reticulon 4 receptor-like 1 (Rtn4rl1), mRNA [NM_181377]	7,620
Gabra4	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, alpha 4 (Gabra4), mRNA [NM_080587]	7,619
Cdk105	Rattus norvegicus CDK105 protein (Cdk105), mRNA [NM_134415]	7,618
Ephx1	Rattus norvegicus epoxide hydrolase 1, microsomal (Ephx1), transcript variant 2, mRNA [NM_012844]	7,617
0	Unknown	7,614
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A391] [ENSRNOT00000066991]	7,614
Serpinb6a	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade B, member 6a (Serpinb6a), mRNA [NM_199085]	7,614
Lenep	Rattus norvegicus lens epithelial protein (Lenep), mRNA [NM_053614]	7,613
0	Unknown	7,612
LOC684274	Rattus norvegicus similar to RIKEN cDNA 2810012L14 (LOC684274), mRNA [NM_001115041]	7,611
Bcat2	Rattus norvegicus branched chain aminotransferase 2, mitochondrial (Bcat2), nuclear gene encoding mitochondrial protein, mRNA [NM_022400]	7,610
Coq2	Rattus norvegicus coenzyme Q2 homolog, prenyltransferase (yeast) (Coq2), nuclear gene encoding mitochondrial protein, mRNA [NM_001044255]	7,610
Gpha2	Rattus norvegicus glycoprotein hormone alpha 2 (Gpha2), mRNA [NM_133619]	7,609
Usp1	Rattus norvegicus ubiquitin specific peptidase 1 (Usp1), mRNA [NM_001015015]	7,605
0	Unknown	7,605
LOC687708	Rattus norvegicus hypothetical protein LOC687708 (LOC687708), mRNA [NM_001101016]	7,605
Eif5b	Rattus norvegicus eukaryotic translation initiation factor 5B (Eif5b), mRNA [NM_001110141]	7,604
Zbtb38	Rattus norvegicus zinc finger and BTB domain containing 38 (Zbtb38), mRNA [NM_001012471]	7,602
Ckmt1	Rattus norvegicus creatine kinase, mitochondrial 1 (Ckmt1), nuclear gene encoding mitochondrial protein, mRNA [NM_001012738]	7,602

Sstr4	Rattus norvegicus somatostatin receptor 4 (Sstr4), mRNA [NM_013036]	7,601
Osgepl1	Rattus norvegicus O-sialoglycoprotein endopeptidase-like 1 (Osgepl1), mRNA [NM_001024787]	7,600
B3galt2	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2 (B3galt2), mRNA [NM_001109492]	7,600
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC302809), mRNA [XM_229109]	7,600
Npy5r	Rattus norvegicus neuropeptide Y receptor Y5 (Npy5r), mRNA [NM_012869]	7,599
Gpr149	Rattus norvegicus G protein-coupled receptor 149 (Gpr149), mRNA [NM_138891]	7,599
LOC685909	Rattus norvegicus similar to H2A histone family, member V isoform 1 (LOC685909), mRNA [NM_001106019]	7,599
Rnf168	Rattus norvegicus ring finger protein 168 (Rnf168), mRNA [NM_001127597]	7,599
Zfp653	Rattus norvegicus zinc finger protein 653 (Zfp653), mRNA [NM_001106807]	7,598
RGD1306917	Rattus norvegicus similar to RIKEN cDNA 2900010M23 (RGD1306917), mRNA [NM_001108528]	7,595
Prkag3	Rattus norvegicus protein kinase, AMP-activated, gamma 3 non-catalytic subunit (Prkag3), mRNA [NM_001106921]	7,595
Armc9	Rattus norvegicus armadillo repeat containing 9 (Armc9), mRNA [NM_001109663]	7,593
Tnks2	Rattus norvegicus tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2 (Tnks2), mRNA [NM_001107607]	7,593
Zeb2	Rattus norvegicus zinc finger E-box binding homeobox 2 (Zeb2), mRNA [NM_001033701]	7,593
Slc35b4	Rattus norvegicus solute carrier family 35, member B4 (Slc35b4), mRNA [NM_001106590]	7,592
RGD1310262	Rattus norvegicus hypothetical LOC304650 (RGD1310262), mRNA [NM_001107161]	7,591
Cabyr	Rattus norvegicus calcium binding tyrosine-(Y)-phosphorylation regulated (Cabyr), mRNA [NM_001143893]	7,590
Mon1a	Rattus norvegicus MON1 homolog A (yeast) (Mon1a), mRNA [NM_001126284]	7,588
0	Unknown	7,588
RGD1309821	Rattus norvegicus similar to KIAA1161 protein (RGD1309821), mRNA [NM_001108971]	7,588
RGD1563634	Rattus norvegicus similar to R31449_3 (RGD1563634), mRNA [NM_001081447]	7,587
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJN7] [ENSRNOT00000003207]	7,587
LOC498601	PREDICTED: Rattus norvegicus similar to cyclin B2 (LOC498601), miscRNA [XR_006448]	7,586
C1qI4	Complement component 1, q subcomponent-like 4 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMN4] [ENSRNOT00000003152]	7,586
Plscr1	Rattus norvegicus phospholipid scramblase 1 (Plscr1), mRNA [NM_057194]	7,586
Zfp709I2	Rattus norvegicus zinc finger protein 709-like 2 (Zfp709I2), mRNA [NM_001163062]	7,586
Rgs11	Rattus norvegicus regulator of G-protein signaling 11 (Rgs11), mRNA [NM_019338]	7,583
Vav2	Rattus norvegicus vav 2 guanine nucleotide exchange factor (Vav2), mRNA [NM_001106563]	7,583
Slc16a6	Rattus norvegicus solute carrier family 16, member 6 (monocarboxylic acid transporter 7) (Slc16a6), mRNA [NM_198760]	7,582
Cisd2	Rattus norvegicus CDGSH iron sulfur domain 2 (Cisd2), mRNA [NM_001191608]	7,582
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAK7] [ENSRNOT000000038415]	7,581
Mrpl35	Rattus norvegicus mitochondrial ribosomal protein L35 (Mrpl35), nuclear gene encoding mitochondrial protein, mRNA [NM_001106596]	7,579

Ttll1	Ttll1 protein [Source:UniProtKB/TrEMBL;Acc:B5DFG3] [ENSRNOT00000032204]	7,579
RGD1559662	PREDICTED: Rattus norvegicus similar to implantation serine proteinase 2 (RGD1559662), mRNA [XM_001059769]	7,577
Micb	Rattus norvegicus MHC class I polypeptide-related sequence B (Micb), mRNA [NM_001017468]	7,577
RGD1563365	PREDICTED: Rattus norvegicus similar to DNA segment, Chr 10, Wayne State University 102, expressed (RGD1563365), mRNA [XM_002729760]	7,577
0	PREDICTED: Rattus norvegicus similar to High mobility group protein 1 (HMG-1) (High mobility group protein B1) (Amphoterin) (Heparin-binding protein p30) (LOC685091), mRNA [XM_001062256]	7,574
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8J8] [ENSRNOT00000058230]	7,572
0	Unknown	7,570
LOC100302465	Rattus norvegicus hypothetical LOC100302465 (LOC100302465), mRNA [NM_001163214]	7,570
LOC688909	PREDICTED: Rattus norvegicus hypothetical protein LOC688909 (LOC688909), mRNA [XM_001068783]	7,568
LOC680039	Rattus norvegicus hypothetical protein LOC680039 (LOC680039), mRNA [NM_001109388]	7,568
0	Unknown	7,567
Pdcl2	PREDICTED: Rattus norvegicus phosducin-like 2 (Pdcl2), mRNA [XM_001076368]	7,566
LOC685685	PREDICTED: Rattus norvegicus similar to S100 calcium-binding protein, ventral prostate (LOC685685), mRNA [XM_001064819]	7,565
LOC689207	PREDICTED: Rattus norvegicus similar to proteoglycan 4 (LOC689207), mRNA [XM_001069975]	7,565
Emilin1	Rattus norvegicus elastin microfibril interfacier 1 (Emilin1), mRNA [NM_001106710]	7,565
0	Unknown	7,565
Angel2	Rattus norvegicus angel homolog 2 (Drosophila) (Angel2), mRNA [NM_001135119]	7,564
0	Unknown	7,564
Odf3b	Rattus norvegicus outer dense fiber of sperm tails 3B (Odf3b), mRNA [NM_001191992]	7,563
Pot1a	Rattus norvegicus protection of telomeres 1A (Pot1a), mRNA [NM_001024322]	7,563
Nradd	Rattus norvegicus neurotrophin receptor associated death domain (Nradd), mRNA [NM_139259]	7,563
Slain2	Rattus norvegicus SLAIN motif family, member 2 (Slain2), mRNA [NM_001107214]	7,563
Grm6	Rattus norvegicus glutamate receptor, metabotropic 6 (Grm6), mRNA [NM_022920]	7,563
Paip2	Rattus norvegicus poly(A) binding protein interacting protein 2 (Paip2), mRNA [NM_001014148]	7,562
C1qb	Rattus norvegicus complement component 1, q subcomponent, B chain (C1qb), mRNA [NM_019262]	7,562
Ctps2	Rattus norvegicus CTP synthase II (Ctps2), mRNA [NM_001034998]	7,561
Cpt2	Rattus norvegicus carnitine palmitoyltransferase 2 (Cpt2), nuclear gene encoding mitochondrial protein, mRNA [NM_012930]	7,561
0	Unknown	7,561
0	Bromodomain and WD repeat domain containing 1 (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFG0] [ENSRNOT00000002231]	7,559
0	BC043133 Cnot2 protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (14%) [TC583782]	7,558
0	Unknown	7,558

Il23a	Rattus norvegicus Interleukin 23, alpha subunit p19 (Il23a), mRNA [NM_130410]	7,554
Arap2	Rattus norvegicus ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2 (Arap2), mRNA [NM_001107216]	7,553
Foxa1	Rattus norvegicus forkhead box A1 (Foxa1), mRNA [NM_012742]	7,551
LOC316717	PREDICTED: Rattus norvegicus protein serine-threonine phosphatase catalytic subunit PP-1c (LOC316717), miscRNA [XR_009632]	7,551
Rwdd4	Rattus norvegicus RWD domain containing 4A (Rwdd4), mRNA [NM_001034994]	7,548
0	Unknown	7,546
0	Unknown	7,546
Smarca4	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 (Smarca4), mRNA [NM_134368]	7,546
Ube2a	Rattus norvegicus ubiquitin-conjugating enzyme E2A (RAD6 homolog) (Ube2a), mRNA [NM_001013933]	7,545
Fam71e1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A176] [ENSRNOT00000043724]	7,545
Olr750	Rattus norvegicus olfactory receptor 750 (Olr750), mRNA [NM_001000366]	7,544
Mff	Rattus norvegicus mitochondrial fission factor (Mff), nuclear gene encoding mitochondrial protein, mRNA [NM_001039015]	7,543
Ccng1	Rattus norvegicus cyclin G1 (Ccng1), mRNA [NM_012923]	7,543
Gria2	Rattus norvegicus glutamate receptor, ionotropic, AMPA 2 (Gria2), transcript variant 2, mRNA [NM_001083811]	7,542
LOC686141	PREDICTED: Rattus norvegicus similar to Spetex-2C protein (LOC686141), mRNA [XM_573722]	7,542
Tcfap4	Rattus norvegicus transcription factor AP4 (Tcfap4), mRNA [NM_001108267]	7,541
0	Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC364963), mRNA [XM_344734]	7,541
Rhot1	Rattus norvegicus ras homolog gene family, member T1 (Rhot1), mRNA [NM_001107026]	7,541
Crcp	Rattus norvegicus CGRP receptor component (Crcp), mRNA [NM_053670]	7,540
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY88] [ENSRNOT00000018184]	7,539
Nfatc2	Rattus norvegicus nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 (Nfatc2), mRNA [NM_001107805]	7,538
Acsl6	Rattus norvegicus acyl-CoA synthetase long-chain family member 6 (Acsl6), mRNA [NM_130739]	7,538
Tspan13	Rattus norvegicus tetraspanin 13 (Tspan13), mRNA [NM_001013244]	7,537
RGD1560972	PREDICTED: Rattus norvegicus similar to putative protein kinase (RGD1560972), mRNA [XM_577704]	7,537
Vom2r72	Rattus norvegicus vomeronasal 2 receptor, 72 (Vom2r72), mRNA [NM_001099517]	7,536
Duxbl	PREDICTED: Rattus norvegicus double homeobox B-like (Duxbl), mRNA [XM_001056985]	7,536
Tomm6	PREDICTED: Rattus norvegicus translocase of outer mitochondrial membrane 6 homolog (yeast) (Tomm6), mRNA [XM_001060392]	7,536
LOC499234	PREDICTED: Rattus norvegicus similar to NACHT, leucine rich repeat and PYD containing 14-like (LOC499234), partial mRNA [XM_002728785]	7,535
Ufd1l	Rattus norvegicus ubiquitin fusion degradation 1 like (yeast) (Ufd1l), mRNA [NM_053418]	7,534
LOC691781	PREDICTED: Rattus norvegicus similar to Tubulin alpha-2 chain (Alpha-tubulin 2) (LOC691781), partial miscRNA [XR_086096]	7,533
Tjp2	Rattus norvegicus tight junction protein 2 (Tjp2), mRNA [NM_053773]	7,532
Ang1	Rattus norvegicus angiogenin, ribonuclease A family, member 1 (Ang1), mRNA [NM_001006992]	7,532
Mif	MIF=macrophage migration inhibitory factor [rats, liver, mRNA, 525 nt]. [S73424]	7,531

Slc25a27	Rattus norvegicus solute carrier family 25, member 27 (Slc25a27), nuclear gene encoding mitochondrial protein, mRNA [NM_053500]	7,531
Wnk3	Rattus norvegicus WNK lysine deficient protein kinase 3 (Wnk3), mRNA [NM_001163607]	7,530
Olr128	Rattus norvegicus olfactory receptor 128 (Olr128), mRNA [NM_001000159]	7,530
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ22] [ENSRNOT00000048946]	7,530
Rad51	Rattus norvegicus RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae) (Rad51), mRNA [NM_001109204]	7,530
Gopc	Rattus norvegicus golgi associated PDZ and coiled-coil motif containing (Gopc), mRNA [NM_001107631]	7,529
Wtap	Rattus norvegicus Wilms tumor 1 associated protein (Wtap), transcript variant 2, mRNA [NM_001113543]	7,529
Casp8ap2	Rattus norvegicus caspase 8 associated protein 2 (Casp8ap2), mRNA [NM_001107921]	7,527
Slc25a16	Rat mitochondrial solute carrier protein mRNA, 5' end. [M32973]	7,524
Zmynd17	Rattus norvegicus zinc finger, MYND-type containing 17 (Zmynd17), mRNA [NM_001106025]	7,524
Asb1	Rattus norvegicus ankyrin repeat and SOCS box-containing 1 (Asb1), mRNA [NM_001108232]	7,524
Calml4	Rattus norvegicus calmodulin-like 4 (Calml4), mRNA [NM_001127575]	7,524
0	Unknown	7,523
Sgcb	Rattus norvegicus sarcoglycan, beta (dystrophin-associated glycoprotein) (Sgcb), mRNA [NM_001191068]	7,523
Cxcl12	Rattus norvegicus chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) (Cxcl12), transcript variant 3, mRNA [NM_001033883]	7,522
Slc46a1	Rattus norvegicus solute carrier family 46 (folate transporter), member 1 (Slc46a1), mRNA [NM_001013969]	7,521
Oat	Rattus norvegicus ornithine aminotransferase (gyrate atrophy) (Oat), nuclear gene encoding mitochondrial protein, mRNA [NM_022521]	7,519
Lpin3	Rattus norvegicus lipin 3 (Lpin3), mRNA [NM_001014184]	7,519
Ptpu	Rattus norvegicus protein tyrosine phosphatase, receptor type, U (Ptpu), mRNA [NM_001191575]	7,519
Tmlhe	Rattus norvegicus trimethyllysine hydroxylase, epsilon (Tmlhe), nuclear gene encoding mitochondrial protein, mRNA [NM_133387]	7,519
Fxyd3	Rattus norvegicus FXYD domain-containing ion transport regulator 3 (Fxyd3), mRNA [NM_172317]	7,516
Fam82a2	Rattus norvegicus family with sequence similarity 82, member A2 (Fam82a2), mRNA [NM_001014046]	7,516
0	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d (LOC363324), mRNA [XM_343663]	7,516
Lhx3	LIM homeodomain protein 3b [Source:UniProtKB/TrEMBL;Acc:Q91ZX3] [ENSRNOT00000025047]	7,515
Olr162	Rattus norvegicus olfactory receptor 162 (Olr162), mRNA [NM_001000950]	7,514
Egr3	Rattus norvegicus early growth response 3 (Egr3), mRNA [NM_017086]	7,513
Fam176a	Rattus norvegicus family with sequence similarity 176, member A (Fam176a), mRNA [NM_001109243]	7,512
Zpbp2	Rattus norvegicus zona pellucida binding protein 2 (Zpbp2), mRNA [NM_001007011]	7,509
Pxmp2	Rattus norvegicus peroxisomal membrane protein 2 (Pxmp2), mRNA [NM_031587]	7,508
Actl6b	Rattus norvegicus actin-like 6B (Actl6b), mRNA [NM_001105917]	7,507
Prkra	Rattus norvegicus protein kinase, interferon inducible double stranded RNA dependent activator (Prkra), mRNA [NM_001024780]	7,506
Fzd8	Rattus norvegicus frizzled homolog 8 (Drosophila) (Fzd8), mRNA [NM_001044251]	7,506
RGD1564456	PREDICTED: Rattus norvegicus similar to chromosome 10 open reading frame 18 (RGD1564456), mRNA [XM_001068906]	7,504
Gmcl1	Rattus norvegicus germ cell-less homolog 1 (Drosophila) (Gmcl1), transcript variant 1, mRNA [NM_001033931]	7,504

0	Unknown	7,504
LOC682660	PREDICTED: Rattus norvegicus similar to LanC lantibiotic synthetase component C-like 3 (LOC682660), mRNA [XM_001062515]	7,503
0	Q86YD5_HUMAN (Q86YD5) LOC143458 protein (Fragment), partial (31%) [TC642266]	7,503
Tmem219	PREDICTED: Rattus norvegicus transmembrane protein 219 (Tmem219), mRNA [XM_001080074]	7,501
Thap1	Rattus norvegicus THAP domain containing, apoptosis associated protein 1 (Thap1), mRNA [NM_001008340]	7,500
Ppp3ca	Rattus norvegicus protein phosphatase 3, catalytic subunit, alpha isoform (Ppp3ca), mRNA [NM_017041]	7,500
Asna1	Rattus norvegicus arsA arsenite transporter, ATP-binding, homolog 1 (bacterial) (Asna1), mRNA [NM_001100505]	7,499
Urg4	Rattus norvegicus up-regulated gene 4 (Urg4), nuclear gene encoding mitochondrial protein, mRNA [NM_001077660]	7,498
Mapkapk3	Rattus norvegicus mitogen-activated protein kinase-activated protein kinase 3 (Mapkapk3), mRNA [NM_001012127]	7,497
Cirbp	Rattus norvegicus cold inducible RNA binding protein (Cirbp), mRNA [NM_031147]	7,497
Znf512b	Rattus norvegicus zinc finger protein 512B (Znf512b), mRNA [NM_001107809]	7,496
Nkap	Rattus norvegicus NFkB activating protein (Nkap), mRNA [NM_001024872]	7,495
RGD1566386	Rattus norvegicus similar to Hypothetical protein A430033K04 (RGD1566386), mRNA [NM_001107127]	7,495
Nkd2	Rattus norvegicus naked cuticle homolog 2 (Drosophila) (Nkd2), mRNA [NM_001107454]	7,492
Dynlt3	Rattus norvegicus dynein light chain Tctex-type 3 (Dynlt3), mRNA [NM_001013228]	7,491
LOC300314	PREDICTED: Rattus norvegicus similar to Protein KIAA0196 (LOC300314), mRNA [XM_238532]	7,489
Atp5s	Rattus norvegicus ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit s (factor B) (Atp5s), nuclear gene encoding mitochondrial protein, mRNA [NM_001007749]	7,489
Rgs12	Rattus norvegicus regulator of G-protein signaling 12 (Rgs12), mRNA [NM_019339]	7,489
0	Unknown	7,488
Insm1	PREDICTED: Rattus norvegicus insulinoma-associated 1 (Insm1), mRNA [XM_001055419]	7,488
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQC4] [ENSRNOT00000050888]	7,487
Poldip2	Rattus norvegicus polymerase (DNA-directed), delta interacting protein 2 (Poldip2), mRNA [NM_001105816]	7,486
Hsp90ab1	Heat shock protein HSP 90-beta [Source:UniProtKB/Swiss-Prot;Acc:P34058] [ENSRNOT00000026920]	7,485
Trub2	Rattus norvegicus TruB pseudouridine (psi) synthase homolog 2 (E. coli) (Trub2), mRNA [NM_001014257]	7,484
Unc5b	Rattus norvegicus unc-5 homolog B (C. elegans) (Unc5b), mRNA [NM_022207]	7,484
Gpr172a	Rattus norvegicus G protein-coupled receptor 172A (Gpr172a), mRNA [NM_001109670]	7,484
Hamp	Rattus norvegicus hepcidin antimicrobial peptide (Hamp), mRNA [NM_053469]	7,484
Parg	Rattus norvegicus poly (ADP-ribose) glycohydrolase (Parg), mRNA [NM_031339]	7,483
LOC685792	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC685792), mRNA [XM_217497]	7,482
0	Unknown	7,480
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJM8] [ENSRNOT00000061644]	7,480
Wnt3	Rattus norvegicus wingless-type MMTV integration site family, member 3 (Wnt3), mRNA [NM_001105715]	7,479

Acaca	Rattus norvegicus acetyl-coenzyme A carboxylase alpha (Acaca), mRNA [NM_022193]	7,479
RGD1562608	Rattus norvegicus similar to KIAA1328 protein (RGD1562608), mRNA [NM_001134607]	7,478
Smcr7	PREDICTED: Rattus norvegicus Smith-Magenis syndrome chromosome region, candidate 7 homolog (human) (Smcr7), mRNA [XM_001077609]	7,478
0	Unknown	7,477
RGD1566047	PREDICTED: Rattus norvegicus similar to MAP/microtubule affinity-regulating kinase 4 (MAP/microtubule affinity-regulating kinase like 1) (RGD1566047), mRNA [XM_574062]	7,475
Pla2g2f	Rattus norvegicus phospholipase A2, group IIF (Pla2g2f), mRNA [NM_001109587]	7,475
Ubac1	Rattus norvegicus UBA domain containing 1 (Ubac1), mRNA [NM_001007742]	7,475
Tmtc2	Rattus norvegicus transmembrane and tetratricopeptide repeat containing 2 (Tmtc2), mRNA [NM_001171177]	7,474
Tyms	Rattus norvegicus thymidylate synthetase (Tyms), mRNA [NM_019179]	7,473
Chad	Rattus norvegicus chondroadherin (Chad), mRNA [NM_019164]	7,473
Pts	Rattus norvegicus 6-pyruvoyl-tetrahydropterin synthase (Pts), mRNA [NM_017220]	7,472
Rgc32	Rattus norvegicus response gene to complement 32 (Rgc32), mRNA [NM_054008]	7,470
Wdr86	Rattus norvegicus WD repeat domain 86 (Wdr86), mRNA [NM_001110489]	7,470
Msh4	Rattus norvegicus mutS homolog 4 (E. coli) (Msh4), mRNA [NM_001106477]	7,469
Kcna7	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, member 7 (Kcna7), mRNA [NM_001108914]	7,469
0	TBC1 domain family, member 23 (Predicted), isoform CRA_cUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0K5] [ENSRNOT00000002240]	7,468
Tmbim6	Rattus norvegicus transmembrane BAX inhibitor motif containing 6 (Tmbim6), mRNA [NM_019381]	7,466
Atp5g2	Rattus norvegicus ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit C2 (subunit 9) (Atp5g2), nuclear gene encoding mitochondrial protein, mRNA [NM_133556]	7,466
Styk1	Similar to NOK kinase (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHY0] [ENSRNOT00000013833]	7,466
Fam65c	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX40] [ENSRNOT00000035463]	7,464
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE96] [ENSRNOT00000005587]	7,464
Col22a1	PREDICTED: Rattus norvegicus collagen, type XXII, alpha 1 (Col22a1), mRNA [XM_243609]	7,463
RGD1308544	PREDICTED: Rattus norvegicus LOC361192 (RGD1308544), mRNA [XM_001063171]	7,462
Tmem17	Rattus norvegicus transmembrane protein 17 (Tmem17), mRNA [NM_001010961]	7,460
Slc2a3	Rattus norvegicus solute carrier family 2 (facilitated glucose transporter), member 3 (Slc2a3), mRNA [NM_017102]	7,459
Lcn12	Rattus norvegicus lipocalin 12 (Lcn12), mRNA [NM_001128138]	7,459
Rpl6	Rattus norvegicus ribosomal protein L6 (Rpl6), mRNA [NM_053971]	7,458
RGD1304693	Rattus norvegicus similar to CG14803-PA (RGD1304693), mRNA [NM_001135780]	7,455
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ32] [ENSRNOT00000039210]	7,453
LOC100366030	Rattus norvegicus rCG37858-like (LOC100366030), mRNA [NM_001177909]	7,452
Foxj1	Rattus norvegicus forkhead box J1 (Foxj1), mRNA [NM_053832]	7,452

Clip4	Rattus norvegicus CAP-GLY domain containing linker protein family, member 4 (Clip4), mRNA [NM_001013942]	7,452
RGD1303142	Rattus norvegicus oxidative stress responsive gene (RGD1303142), mRNA [NM_201560]	7,452
0	Unknown	7,451
Ern1	Rattus norvegicus endoplasmic reticulum to nucleus signaling 1 (Ern1), mRNA [NM_001191926]	7,450
0	Unknown	7,450
LOC687346	PREDICTED: Rattus norvegicus similar to BRCA1-associated protein (BRAP2) (Impedes mitogenic signal propagation) (IMP) (LOC687346), mRNA [XM_001075972]	7,448
Myo18a	Rattus norvegicus myosin XVIIIa (Myo18a), mRNA [NM_001172137]	7,447
Cuta	Rattus norvegicus cutA divalent cation tolerance homolog (E. coli) (Cuta), transcript variant 1, mRNA [NM_212494]	7,447
Nme6	Rattus norvegicus non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase) (Nme6), mRNA [NM_001191884]	7,446
0	Rattus norvegicus similar to NOL1R protein; Williams-Beuren syndrome critical region protein 20 (LOC305339), mRNA [XM_223400]	7,445
Mre11a	Rattus norvegicus MRE11 meiotic recombination 11 homolog A (S. cerevisiae) (Mre11a), mRNA [NM_022279]	7,445
0	Unknown	7,445
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z932] [ENSRNOT00000066351]	7,444
Baz1b	Rattus norvegicus bromodomain adjacent to zinc finger domain, 1B (Baz1b), mRNA [NM_001191916]	7,443
Cdon	Rattus norvegicus Cdon homolog (mouse) (Cdon), mRNA [NM_017358]	7,442
Mrpl48	Rattus norvegicus mitochondrial ribosomal protein L48 (Mrpl48), nuclear gene encoding mitochondrial protein, mRNA [NM_001106282]	7,442
Ccdc104	Rattus norvegicus coiled-coil domain containing 104 (Ccdc104), mRNA [NM_001024866]	7,441
Lyz2	Rattus norvegicus lysozyme 2 (Lyz2), mRNA [NM_012771]	7,441
Hsd17b12	Rattus norvegicus hydroxysteroid (17-beta) dehydrogenase 12 (Hsd17b12), mRNA [NM_032066]	7,441
Bex2	Rattus norvegicus brain expressed X-linked 2 (Bex2), mRNA [NM_001077435]	7,440
Grk5	Rattus norvegicus G protein-coupled receptor kinase 5 (Grk5), mRNA [NM_030829]	7,438
RGD1565566	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L18a (RGD1565566), mRNA [XM_574336]	7,435
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A910] [ENSRNOT00000035986]	7,434
Aspdh	Rattus norvegicus aspartate dehydrogenase domain containing (Aspdh), mRNA [NM_001009643]	7,434
Tmem48	Rattus norvegicus transmembrane protein 48 (Tmem48), mRNA [NM_001025023]	7,434
Bmp2k	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0Z6] [ENSRNOT00000060868]	7,433
Pgrmc1	Rattus norvegicus progesterone receptor membrane component 1 (Pgrmc1), mRNA [NM_021766]	7,432
Stim2	Rattus norvegicus stromal interaction molecule 2 (Stim2), mRNA [NM_001105750]	7,431
Acvr2b	Rattus norvegicus activin A receptor, type IIB (Acvr2b), mRNA [NM_031554]	7,430
0	Unknown	7,429
Stard8	Rattus norvegicus StAR-related lipid transfer (START) domain containing 8 (Stard8), mRNA [NM_001107849]	7,428
Rfx2	Rattus norvegicus regulatory factor X, 2 (influences HLA class II expression) (Rfx2), mRNA [NM_001106877]	7,427
Ckap2l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8Z9] [ENSRNOT00000039794]	7,427

Pop1	Rattus norvegicus processing of precursor 1, ribonuclease P/MRP subunit (<i>S. cerevisiae</i>) (Pop1), mRNA [NM_001130550]	7,427
Cct8	Rattus norvegicus chaperonin containing Tcp1, subunit 8 (theta) (Cct8), mRNA [NM_001105897]	7,424
RGD1562747	Rattus norvegicus similar to RIKEN cDNA 1110012L19 (RGD1562747), mRNA [NM_001106212]	7,423
0	Unknown	7,421
0	Unknown	7,420
0	Unknown	7,420
Cox6a1	Rattus norvegicus cytochrome c oxidase, subunit VIa, polypeptide 1 (Cox6a1), nuclear gene encoding mitochondrial protein, mRNA [NM_012814]	7,419
RGD1308695	Rattus norvegicus similar to RIKEN cDNA 1200016B10 (RGD1308695), mRNA [NM_001105960]	7,417
0	PREDICTED: Rattus norvegicus rCG41835-like (LOC100359996), mRNA [XM_002728584]	7,416
Tmco4	Rattus norvegicus transmembrane and coiled-coil domains 4 (Tmco4), mRNA [NM_001034949]	7,416
Gdap1	Rattus norvegicus ganglioside-induced differentiation-associated-protein 1 (Gdap1), mRNA [NM_001107897]	7,416
Abcd3	Rattus norvegicus ATP-binding cassette, subfamily D (ALD), member 3 (Abcd3), mRNA [NM_012804]	7,415
Nefl	Rattus norvegicus neurofilament, light polypeptide (Nefl), mRNA [NM_031783]	7,414
Lpar6	Rattus norvegicus lysophosphatidic acid receptor 6 (Lpar6), mRNA [NM_001045843]	7,414
Vom1r38	Rattus norvegicus vomeronasal 1 receptor 38 (Vom1r38), mRNA [NM_001008964]	7,413
Bet1	Rattus norvegicus blocked early in transport 1 homolog (<i>S. cerevisiae</i>) (Bet1), mRNA [NM_019251]	7,413
Fam151a	Rattus norvegicus family with sequence similarity 151, member A (Fam151a), mRNA [NM_001005558]	7,412
Vegfa	Rattus norvegicus vascular endothelial growth factor A (Vegfa), transcript variant 1, mRNA [NM_031836]	7,411
Ppp1cb	Rattus norvegicus protein phosphatase 1, catalytic subunit, beta isoform (Ppp1cb), mRNA [NM_013065]	7,411
LOC689410	PREDICTED: Rattus norvegicus hypothetical protein LOC689410 (LOC689410), mRNA [XM_001070689]	7,411
lfitm7	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY98] [ENSRNOT00000039434]	7,409
LOC685203	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBW5] [ENSRNOT00000059159]	7,409
Lass6	PREDICTED: Rattus norvegicus LAG1 homolog, ceramide synthase 6 (Lass6), mRNA [XM_001058317]	7,408
Zcchc10	Zinc finger CCHC domain-containing protein 10 [Source:UniProtKB/Swiss-Prot;Acc:Q5EB97] [ENSRNOT00000009098]	7,406
0	Unknown	7,406
Nxf1	Rattus norvegicus nuclear RNA export factor 1 (Nxf1), mRNA [NM_021579]	7,405
0	Unknown	7,403
RGD1308722	Rattus norvegicus similar to RIKEN cDNA A130042E20; open reading frame 57 (RGD1308722), mRNA [NM_001108529]	7,402
Nr1h5p	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFA7] [ENSRNOT00000036229]	7,402
Gp5	Rattus norvegicus glycoprotein V (platelet) (Gp5), mRNA [NM_012795]	7,400
Rps8	Rattus norvegicus ribosomal protein S8 (Rps8), mRNA [NM_031706]	7,399
Ndc80	Rattus norvegicus NDC80 homolog, kinetochore complex component (<i>S. cerevisiae</i>) (Ndc80), mRNA [NM_001126270]	7,397
Pif1	Rattus norvegicus Pif1/Rrm3 DNA-helicase-like protein (Pif1), mRNA [NM_001044253]	7,396
0	Unknown	7,396

0	Unknown	7,396
Tspo	Rattus norvegicus translocator protein (Tspo), mRNA [NM_012515]	7,396
Mtmr4	Rattus norvegicus myotubularin related protein 4 (Mtmr4), mRNA [NM_001105827]	7,395
Pnma3	Rattus norvegicus paraneoplastic antigen MA3 (Pnma3), mRNA [NM_001106342]	7,394
Clcn1	Rattus norvegicus chloride channel 1 (Clcn1), mRNA [NM_013147]	7,394
Yipf4	Rattus norvegicus Yip1 domain family, member 4 (Yipf4), mRNA [NM_001009712]	7,393
Nthl1	Rattus norvegicus nth (endonuclease III)-like 1 (E.coli) (Nthl1), mRNA [NM_001105728]	7,392
Thumpd1	Rattus norvegicus THUMP domain containing 1 (Thumpd1), mRNA [NM_001009688]	7,391
Gtpbp6	Rattus norvegicus GTP binding protein 6 (putative) (Gtpbp6), mRNA [NM_001135840]	7,390
Cpsf6	Rattus norvegicus cleavage and polyadenylation specific factor 6 (Cpsf6), mRNA [NM_001106785]	7,390
Itm2a	Rattus norvegicus integral membrane protein 2A (Itm2a), mRNA [NM_001025712]	7,389
Tmem168	Rattus norvegicus transmembrane protein 168 (Tmem168), mRNA [NM_001014054]	7,388
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACK9] [ENSRNOT00000019278]	7,388
Gh1	Rattus norvegicus growth hormone 1 (Gh1), mRNA [NM_001034848]	7,388
Dbnl	Drebrin-like protein [Source:UniProtKB/Swiss-Prot;Acc:Q9JHL4] [ENSRNOT00000017375]	7,386
Rps6kb1	Rattus norvegicus ribosomal protein S6 kinase, polypeptide 1 (Rps6kb1), mRNA [NM_031985]	7,386
0	Rattus norvegicus TL0AEA9YM10 mRNA sequence. [FQ230244]	7,385
Myo9b	Rattus norvegicus myosin IXb (Myo9b), mRNA [NM_012984]	7,384
0	Histone H3.1 [Source:UniProtKB/Swiss-Prot;Acc:Q6LED0] [ENSRNOT00000059330]	7,382
Mrps35	Rattus norvegicus mitochondrial ribosomal protein S35 (Mrps35), nuclear gene encoding mitochondrial protein, mRNA [NM_001106628]	7,382
Ucn2	Rattus norvegicus urocortin 2 (Ucn2), mRNA [NM_133385]	7,381
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A8N4] [ENSRNOT00000004178]	7,381
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1J6] [ENSRNOT00000021816]	7,380
Msl1	Rattus norvegicus male-specific lethal 1 homolog (Drosophila) (Msl1), mRNA [NM_001107048]	7,380
0	Solute carrier family 37 (Glycerol-3-phosphate transporter), member 3 (Predicted), isoform CRA_cUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZN8] [ENSRNOT00000011915]	7,379
0	microtubule-actin crosslinking factor 1 [Source:RefSeq peptide;Acc:NP_001129230] [ENSRNOT00000021951]	7,377
Olr321	Rattus norvegicus olfactory receptor 321 (Olr321), mRNA [NM_001000244]	7,377
Gsr	Rattus norvegicus glutathione reductase (Gsr), mRNA [NM_053906]	7,375
0	UI-R-EB1-clg-p-22-0-UI.s1 UI-R-EB1 Rattus norvegicus cDNA clone UI-R-EB1-clg-p-22-0-UI 3', mRNA sequence [BQ202508]	7,375
0	Unknown	7,375
0	AMGNNUC:NRHY7-00027-F7-A nrhy7 (10850) Rattus norvegicus cDNA clone nrhy7-00027-f7 5', mRNA sequence [CB546704]	7,374
0	Unknown	7,374
Ttc8	Rattus norvegicus tetratricopeptide repeat domain 8 (Ttc8), mRNA [NM_001106752]	7,372

Uqcr11	Rattus norvegicus ubiquinol-cytochrome c reductase, complex III subunit XI (Uqcr11), nuclear gene encoding mitochondrial protein, mRNA [NM_001126097]	7,370
0	Unknown	7,367
Il18bp	Rattus norvegicus interleukin 18 binding protein (Il18bp), mRNA [NM_053374]	7,367
Necab2	Rattus norvegicus N-terminal EF-hand calcium binding protein 2 (Necab2), mRNA [NM_133415]	7,367
Tbc1d8	Rattus norvegicus TBC1 domain family, member 8 (Tbc1d8), mRNA [NM_001191067]	7,367
Znf691	Rattus norvegicus zinc finger protein 691 (Znf691), mRNA [NM_001107968]	7,366
LOC682058	PREDICTED: Rattus norvegicus similar to nucleolar protein with MIF4G domain 1 (LOC682058), mRNA [XM_001059617]	7,363
0	Unknown	7,363
LOC499770	Rattus norvegicus similar to LOC495800 protein (LOC499770), mRNA [NM_001047110]	7,363
Crabp2	Rattus norvegicus cellular retinoic acid binding protein 2 (Crabp2), mRNA [NM_017244]	7,362
0	Unknown	7,360
Exoc2	Rattus norvegicus exocyst complex component 2 (Exoc2), mRNA [NM_134414]	7,360
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZF2] [ENSRNOT0000005894]	7,359
RGD1305645	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A540] [ENSRNOT00000036990]	7,359
Mgat4a	Rattus norvegicus mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A (Mgat4a), transcript variant 1, mRNA [NM_001160155]	7,359
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACU3] [ENSRNOT00000060466]	7,358
Spryd4	Rattus norvegicus SPRY domain containing 4 (Spryd4), mRNA [NM_001037765]	7,357
Ap4s1	Rattus norvegicus adaptor-related protein complex AP-4, sigma 1 (Ap4s1), mRNA [NM_001130999]	7,357
Nab1	Rattus norvegicus Ngfi-A binding protein 1 (Nab1), mRNA [NM_022856]	7,357
Grin1a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (Grin1a), mRNA [NM_183402]	7,357
LOC683077	Rattus norvegicus similar to praja1, RING-H2 motif containing (LOC683077), mRNA [NM_001101006]	7,355
Rps15	Rattus norvegicus ribosomal protein S15 (Rps15), mRNA [NM_017151]	7,354
Aarsd1	Rattus norvegicus alanyl-tRNA synthetase domain containing 1 (Aarsd1), mRNA [NM_001034109]	7,354
Ndufaf4	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 (Ndufaf4), nuclear gene encoding mitochondrial protein, mRNA [NM_198783]	7,353
RGD1309058	RCG20883Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7T7] [ENSRNOT00000014814]	7,352
L3mbtl2	Rattus norvegicus l(3)mbt-like 2 (Drosophila) (L3mbtl2), mRNA [NM_001033695]	7,350
Mizf	PREDICTED: Rattus norvegicus MBD2-interacting zinc finger (Mizf), mRNA [XM_002727050]	7,349
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV19] [ENSRNOT00000009759]	7,349
0	Unknown	7,347
0	Unknown	7,347
LOC60591	Rattus norvegicus calcium-activated potassium channel beta subunit (LOC60591), mRNA [NM_022203]	7,345

Cep152	PREDICTED: Rattus norvegicus centrosomal protein 152 (Cep152), mRNA [XM_002726171]	7,345
Micalcl	Rattus norvegicus MICAL C-terminal like (Micalcl), mRNA [NM_182669]	7,344
Slc2a8	Rattus norvegicus solute carrier family 2, (facilitated glucose transporter) member 8 (Slc2a8), mRNA [NM_053494]	7,343
RGD1311558	Rattus norvegicus similar to 4930506M07Rik protein (RGD1311558), mRNA [NM_001079705]	7,342
RGD1566099	Rattus norvegicus similar to novel protein (RGD1566099), mRNA [NM_001108347]	7,342
LOC680155	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXU7] [ENSRNOT00000020271]	7,340
RGD1564571	PREDICTED: Rattus norvegicus similar to DC-SIGN (RGD1564571), mRNA [XM_221808]	7,338
Grin1a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (Grin1a), mRNA [NM_183402]	7,338
RGD1563046	Rattus norvegicus similar to cerberus-like (RGD1563046), mRNA [NM_001115031]	7,337
Gnb5	Rattus norvegicus guanine nucleotide binding protein (G protein), beta 5 (Gnb5), mRNA [NM_031770]	7,337
Rnf217	Rattus norvegicus ring finger protein 217 (Rnf217), mRNA [NM_001106204]	7,337
LOC501312	PREDICTED: Rattus norvegicus hypothetical gene supported by BC082068 (LOC501312), mRNA [XM_576725]	7,336
Ctbp1	Rattus norvegicus C-terminal binding protein 1 (Ctbp1), mRNA [NM_019201]	7,336
RGD1563833	PREDICTED: Rattus norvegicus similar to putative homeobox protein (RGD1563833), mRNA [XM_577929]	7,336
0	PREDICTED: Rattus norvegicus ubiquitination factor E4B (Ube4b), mRNA [XM_233679]	7,335
Prkcd	Rattus norvegicus protein kinase C, delta (Prkcd), mRNA [NM_133307]	7,334
Olr323	Rattus norvegicus olfactory receptor 323 (Olr323), mRNA [NM_001000245]	7,334
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTN0] [ENSRNOT00000035247]	7,334
LOC100360108	PREDICTED: Rattus norvegicus cell surface receptor FDFACT-like (LOC100360108), mRNA [XM_002727949]	7,332
Klk7	Rattus norvegicus kallikrein-related peptidase 7 (Klk7), mRNA [NM_001106254]	7,331
Tmem86a	Rattus norvegicus transmembrane protein 86A (Tmem86a), mRNA [NM_001135016]	7,330
Zbtb45	Rattus norvegicus zinc finger and BTB domain containing 45 (Zbtb45), mRNA [NM_001107478]	7,330
RGD1559921	PREDICTED: Rattus norvegicus similar to Macrophage migration inhibitory factor (MIF) (Delayed early response protein 6) (RGD1559921), mRNA [XM_001080942]	7,330
Prpf38b	Rattus norvegicus PRP38 pre-mRNA processing factor 38 (yeast) domain containing B (Prpf38b), mRNA [NM_001024305]	7,329
0	Rattus norvegicus similar to actin-related protein 2 (LOC301861), mRNA [XM_217505]	7,329
0	Unknown	7,328
Rundc1	Q96C34_HUMAN (Q96C34) RUNDC1 protein (Fragment), partial (40%) [TC601870]	7,328
Rab40c	Rattus norvegicus Rab40c, member RAS oncogene family (Rab40c), mRNA [NM_182675]	7,325
Zfp568	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3P6] [ENSRNOT00000039872]	7,325
Diras1	Rattus norvegicus DIRAS family, GTP-binding RAS-like 1 (Diras1), mRNA [NM_001108987]	7,325
Bub3	Rattus norvegicus budding uninhibited by benzimidazoles 3 homolog (S. cerevisiae) (Bub3), mRNA [NM_001047906]	7,322
Vegp2	Rattus norvegicus von Ebners gland protein 2 (Vegp2), mRNA [NM_053574]	7,321
Cnot1	Rattus norvegicus CCR4-NOT transcription complex, subunit 1 (Cnot1), mRNA [NM_001134840]	7,321

0	Histone H3 [Source:UniProtKB/TrEMBL;Acc:D4A602] [ENSRNOT00000030033]	7,320
0	Unknown	7,320
Dnah2	Axonemal dynein heavy chain [Source:UniProtKB/TrEMBL;Acc:Q62820] [ENSRNOT00000045220]	7,320
Sp9	Rattus norvegicus trans-acting transcription factor 9 (Sp9), mRNA [NM_001191902]	7,319
RGD1560880	Rattus norvegicus similar to RIKEN cDNA 2310002J15 (RGD1560880), mRNA [NM_001109194]	7,319
RGD1559505	Rattus norvegicus similar to RIKEN cDNA 9030409E16 (RGD1559505), mRNA [NM_001134608]	7,319
RGD1560978	Rattus norvegicus similar to hypothetical protein (RGD1560978), mRNA [NM_001134631]	7,316
Sox11	Rattus norvegicus SRY (sex determining region Y)-box 11 (Sox11), mRNA [NM_053349]	7,316
Dgcr14	Rattus norvegicus DiGeorge syndrome critical region gene 14 (Dgcr14), mRNA [NM_001012472]	7,316
Nek7	NIMA-related kinase 7 [Source:RefSeq peptide;Acc:NP_001101816] [ENSRNOT00000000817]	7,315
Prc1	Rattus norvegicus protein regulator of cytokinesis 1 (Prc1), mRNA [NM_001107529]	7,313
0	Unknown	7,313
Cercam	Rattus norvegicus cerebral endothelial cell adhesion molecule (Cercam), mRNA [NM_001011962]	7,313
Asb18	Rattus norvegicus ankyrin repeat and SOCS box-containing 18 (Asb18), mRNA [NM_001108231]	7,313
0	Rattus norvegicus similar to cell division cycle associated 3; gene rich cluster, C8 gene; trigger of mitotic entry 1 (LOC316373), mRNA [XM_237105]	7,312
Stard13	Rattus norvegicus StAR-related lipid transfer (START) domain containing 13 (Stard13), mRNA [NM_001109060]	7,312
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIF9] [ENSRNOT00000067842]	7,311
Tsc22d3	Rattus norvegicus TSC22 domain family, member 3 (Tsc22d3), mRNA [NM_031345]	7,310
Olr481	Rattus norvegicus olfactory receptor 481 (Olr481), mRNA [NM_001000684]	7,310
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z840] [ENSRNOT00000050759]	7,309
F8	Rattus norvegicus coagulation factor VIII, procoagulant component (F8), mRNA [NM_183331]	7,309
0	Rattus norvegicus chromosome 20, major histocompatibility complex, assembled from 40 BACs, strain Brown Norway (BN/ssNHsd), RT1n haplotype; segment 5/11 [BX883046]	7,308
Tdp1	Rattus norvegicus tyrosyl-DNA phosphodiesterase 1 (Tdp1), mRNA [NM_001031657]	7,308
Fn1	Rattus norvegicus fibronectin 1 (Fn1), mRNA [NM_019143]	7,308
Arnt	Rattus norvegicus aryl hydrocarbon receptor nuclear translocator (Arnt), mRNA [NM_012780]	7,307
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9K1] [ENSRNOT00000031814]	7,306
Cct6a	Rattus norvegicus chaperonin containing Tcp1, subunit 6A (zeta 1) (Cct6a), mRNA [NM_001033684]	7,304
LOC683722	Rattus norvegicus similar to Fgfr1 oncogene partner (LOC683722), mRNA [NM_001101008]	7,304
0	Unknown	7,303
Rnmt	mRNA cap guanine-N7 methyltransferase [Source:UniProtKB/Swiss-Prot;Acc:Q5U2U7] [ENSRNOT00000022410]	7,303
Med30	Rattus norvegicus mediator complex subunit 30 (Med30), mRNA [NM_001130539]	7,301
Krt15	Rattus norvegicus keratin 15 (Krt15), mRNA [NM_001004022]	7,300

0	Unknown	7,298
Olr221	Rattus norvegicus olfactory receptor 221 (Olr221), mRNA [NM_001000200]	7,298
Fam181b	Rattus norvegicus family with sequence similarity 181, member B (Fam181b), mRNA [NM_001109150]	7,297
Ccdc124	Rattus norvegicus coiled-coil domain containing 124 (Ccdc124), mRNA [NM_001106071]	7,294
Trip4	Rattus norvegicus thyroid hormone receptor interactor 4 (Trip4), mRNA [NM_001134981]	7,293
Dpy19I4	Putative uncharacterized protein RGD1305828_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z939] [ENSRNOT00000037869]	7,293
Atp11b	Atp11b protein [Source:UniProtKB/TrEMBL;Acc:Q5RJS7] [ENSRNOT00000016961]	7,290
Tmed7	Rattus norvegicus transmembrane emp24 protein transport domain containing 7 (Tmed7), mRNA [NM_001105758]	7,290
Klhl21	Rattus norvegicus kelch-like 21 (Drosophila) (Klhl21), mRNA [NM_001107996]	7,290
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC313970), mRNA [XM_234037]	7,289
G2e3	Rattus norvegicus G2/M-phase specific E3 ubiquitin ligase (G2e3), mRNA [NM_001106726]	7,289
Apoa1bp	Rattus norvegicus apolipoprotein A-I binding protein (Apoa1bp), mRNA [NM_001106440]	7,287
0	Similar to oxysterol-binding protein-like protein 8 isoform a (Similar to oxysterol-binding protein-like protein 8 isoform a (Predicted), isoform CRA_a) [Source:UniProtKB/TrEMBL;Acc:B5DF26] [ENSRNOT00000029993]	7,287
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4F9] [ENSRNOT00000057735]	7,287
Idi1	Rattus norvegicus isopentenyl-diphosphate delta isomerase 1 (Idi1), mRNA [NM_053539]	7,286
Ssr2	Rattus norvegicus signal sequence receptor, beta (Ssr2), mRNA [NM_001106442]	7,283
0	Unknown	7,282
Vegfb	Rattus norvegicus vascular endothelial growth factor B (Vegfb), mRNA [NM_053549]	7,282
Serf1	PREDICTED: Rattus norvegicus small EDRK-rich factor 1 (Serf1), mRNA [XM_001070716]	7,281
Grk6	Rattus norvegicus G protein-coupled receptor kinase 6 (Grk6), transcript variant 1, mRNA [NM_031657]	7,281
LOC365238	Rattus norvegicus similar to CG15432-PA (LOC365238), mRNA [NM_001108913]	7,281
Rdx	Rattus norvegicus radixin (Rdx), mRNA [NM_001005889]	7,279
Lfng	Rattus norvegicus LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (Lfng), mRNA [NM_133393]	7,278
Spata24	Rattus norvegicus spermatogenesis associated 24 (Spata24), mRNA [NM_001025636]	7,277
0	BQ195967 UI-R-CN1-cmn-g-04-0-UI.s1 UI-R-CN1 Rattus norvegicus cDNA clone UI-R-CN1-cmn-g-04-0-UI 3', mRNA sequence [BQ195967]	7,277
Cd79a	PREDICTED: Rattus norvegicus Cd79a molecule, immunoglobulin-associated alpha (Cd79a), mRNA [XM_002725547]	7,276
RGD1562502	Rattus norvegicus similar to RIKEN cDNA 2610029G23 (RGD1562502), mRNA [NM_001108818]	7,275
0	Unknown	7,275
0	Unknown	7,275
Olr862	Rattus norvegicus olfactory receptor 862 (Olr862), mRNA [NM_001001071]	7,273
Spg20	Rattus norvegicus spastic paraplegia 20 (Troyer syndrome) homolog (human) (Spg20), mRNA [NM_001106433]	7,273
Rsl1d1	Rattus norvegicus ribosomal L1 domain containing 1 (Rsl1d1), mRNA [NM_001008876]	7,272

0	Unknown	7,270
LOC497940	Rattus norvegicus similar to RIKEN cDNA 2810408A11 (LOC497940), mRNA [NM_001017476]	7,270
LOC690937	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC690937), mRNA [XM_001076213]	7,269
Hectd1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLS5] [ENSRNOT00000008459]	7,267
Stk32c	Rattus norvegicus serine/threonine kinase 32C (Stk32c), mRNA [NM_001108922]	7,267
Rnd1	Rattus norvegicus Rho family GTPase 1 (Rnd1), mRNA [NM_001013222]	7,267
Azin1	Rattus norvegicus antizyme inhibitor 1 (Azin1), mRNA [NM_022585]	7,266
0	Rattus norvegicus similar to protein-tyrosine-phosphatase (EC 3.1.3.48) isoenzyme AcP2 - rat (LOC289297), mRNA [XM_222985]	7,266
Nars2	Rattus norvegicus asparaginyl-tRNA synthetase 2 (mitochondrial)(putative) (Nars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001034921]	7,265
Zfp458	Rattus norvegicus zinc finger protein 458 (Zfp458), transcript variant 1, mRNA [NM_001142962]	7,264
Lonrf2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX48] [ENSRNOT00000033964]	7,263
Csrnp3	Similar to TGF-beta induced apoptosis protein 2 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE74] [ENSRNOT00000007197]	7,262
G3bp2	Rattus norvegicus GTPase activating protein (SH3 domain) binding protein 2 (G3bp2), mRNA [NM_001013989]	7,262
Cse1l	Rattus norvegicus CSE1 chromosome segregation 1-like (yeast) (Cse1l), mRNA [NM_001108607]	7,261
Plekha3	Rattus norvegicus pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 3 (Plekha3), mRNA [NM_001013077]	7,260
Slco1a4	Rattus norvegicus solute carrier organic anion transporter family, member 1a4 (Slco1a4), mRNA [NM_131906]	7,260
RGD1306783	Rattus norvegicus similar to 2810422O20Rik protein (RGD1306783), mRNA [NM_001025668]	7,260
Synrg	Rattus norvegicus synergin, gamma (Synrg), mRNA [NM_053419]	7,259
Vamp4	Rattus norvegicus vesicle-associated membrane protein 4 (Vamp4), mRNA [NM_001108856]	7,259
Mfsd7	Rattus norvegicus major facilitator superfamily domain containing 7 (Mfsd7), mRNA [NM_001107246]	7,257
0	Unknown	7,257
Gls	Rattus norvegicus glutaminase (Gls), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA [NM_001109968]	7,256
Aqp9	Rattus norvegicus aquaporin 9 (Aqp9), mRNA [NM_022960]	7,255
Ano4	Rattus norvegicus anoctamin 4 (Ano4), mRNA [NM_001106778]	7,254
Wfdc1	Rattus norvegicus WAP four-disulfide core domain 1 (Wfdc1), mRNA [NM_133581]	7,253
Gmcl1l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZV83] [ENSRNOT00000048887]	7,252
0	Q2PC21_BOVIN (Q2PC21) HCAP-G protein (Fragment), partial (88%) [TC601153]	7,252
Zfp52	Rattus norvegicus zinc finger protein 52 (Zfp52), mRNA [NM_001014158]	7,248
Zfp706	Rattus norvegicus zinc finger protein 706 (Zfp706), mRNA [NM_001126087]	7,247
0	Unknown	7,247

Hnrnpc	Rattus norvegicus heterogeneous nuclear ribonucleoprotein C (C1/C2) (Hnrnpc), mRNA [NM_001025633]	7,246
Tmem229b	Rattus norvegicus transmembrane protein 229B (Tmem229b), mRNA [NM_001109359]	7,245
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXV2] [ENSRNOT00000043588]	7,245
Sbf1	PREDICTED: Rattus norvegicus SET binding factor 1 (Sbf1), mRNA [XM_001054780]	7,245
0	Unknown	7,242
LOC684024	PREDICTED: Rattus norvegicus similar to dual specificity phosphatase 5 (LOC684024), mRNA [XM_001068576]	7,242
Tmed3	Rattus norvegicus transmembrane emp24 protein transport domain containing 3 (Tmed3), mRNA [NM_001004249]	7,241
Prp2	Rattus norvegicus proline rich protein 2 (Prp2), mRNA [NM_001013211]	7,240
0	Unknown	7,238
Cenpl	Rattus norvegicus centromere protein L (Cenpl), mRNA [NM_001033061]	7,237
0	PREDICTED: Rattus norvegicus ADAMTS-like 1 (Adamtsl1), mRNA [XM_342858]	7,237
Lrtm2	Rattus norvegicus leucine-rich repeats and transmembrane domains 2 (Lrtm2), mRNA [NM_001109430]	7,237
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQC4] [ENSRNOT00000050888]	7,236
Arid3b	Rattus norvegicus AT rich interactive domain 3B (Bright like) (Arid3b), mRNA [NM_001109001]	7,236
Slc15a1	Rattus norvegicus solute carrier family 15 (oligopeptide transporter), member 1 (Slc15a1), transcript variant 1, mRNA [NM_057121]	7,236
0	Unknown	7,236
Slc30a9	Rattus norvegicus solute carrier family 30 (zinc transporter), member 9 (Slc30a9), mRNA [NM_001109088]	7,236
Slc10a5	Rattus norvegicus solute carrier family 10 (sodium/bile acid cotransporter family), member 5 (Slc10a5), mRNA [NM_001025280]	7,236
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6W7] [ENSRNOT00000009090]	7,235
Slc25a38	Rattus norvegicus solute carrier family 25, member 38 (Slc25a38), nuclear gene encoding mitochondrial protein, mRNA [NM_001030032]	7,235
MGC95208	Rattus norvegicus similar to 4930453N24Rik protein (MGC95208), mRNA [NM_001005552]	7,234
Mterfd3	Rattus norvegicus MTERF domain containing 3 (Mterfd3), mRNA [NM_001014265]	7,234
Serp1	Rattus norvegicus stress-associated endoplasmic reticulum protein 1 (Serp1), mRNA [NM_030835]	7,233
Znf644	Rattus norvegicus zinc finger protein 644 (Znf644), mRNA [NM_001139484]	7,233
Rela	Rattus norvegicus v-rel reticuloendotheliosis viral oncogene homolog A (avian) (Rela), mRNA [NM_199267]	7,232
Vom2r76	Rattus norvegicus vomeronasal 2 receptor, 76 (Vom2r76), mRNA [NM_001099505]	7,232
Sptb	Rattus norvegicus spectrin, beta, erythrocytic (Sptb), mRNA [NM_212522]	7,231
Ppp1r9a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 9A (Ppp1r9a), mRNA [NM_053473]	7,231
LOC361016	Rattus norvegicus similar to RIKEN cDNA 4933406L09, mRNA (cDNA clone IMAGE:7301570), complete cds. [BC086559]	7,229
Trim28	Rattus norvegicus tripartite motif-containing 28 (Trim28), mRNA [NM_053916]	7,229
Chml	Rattus norvegicus choroideremia-like (Rab escort protein 2) (Chml), mRNA [NM_001109524]	7,229
Mrpl17	Rattus norvegicus mitochondrial ribosomal protein L17 (Mrpl17), nuclear gene encoding mitochondrial protein, mRNA [NM_133539]	7,229
Siglec15	Rattus norvegicus sialic acid binding Ig-like lectin 15 (Siglec15), mRNA [NM_001191942]	7,226
Gpd1l	Rattus norvegicus glycerol-3-phosphate dehydrogenase 1-like (Gpd1l), mRNA [NM_001191885]	7,226

LOC679800	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC679800), mRNA [XM_001054523]	7,225
Crls1	Rattus norvegicus cardiolipin synthase 1 (Crls1), mRNA [NM_001014258]	7,225
Tjp1	Rattus norvegicus tight junction protein 1 (Tjp1), mRNA [NM_001106266]	7,222
0	Unknown	7,221
0	Unknown	7,220
LOC688390	Rattus norvegicus hypothetical protein LOC688390 (LOC688390), mRNA [NM_001109496]	7,220
Hoxc6	PREDICTED: Rattus norvegicus homeo box C6, transcript variant 1 (Hoxc6), mRNA [XM_001069410]	7,219
RGD1310016	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNB8] [ENSRNOT00000021783]	7,219
0	Unknown	7,218
Rab33a	Rattus norvegicus RAB33A, member RAS oncogene family (Rab33a), mRNA [NM_001108257]	7,217
Fam178a	Rattus norvegicus family with sequence similarity 178, member A (Fam178a), mRNA [NM_001134612]	7,217
Pim3	Rattus norvegicus pim-3 oncogene (Pim3), mRNA [NM_022602]	7,215
0	PREDICTED: Rattus norvegicus similar to H3 histone, family 3B (RGD1564548), mRNA [XM_001072064]	7,212
Tm6sf1	Rattus norvegicus transmembrane 6 superfamily member 1 (Tm6sf1), mRNA [NM_001108490]	7,211
Paqr7	Rattus norvegicus progestin and adipoQ receptor family member VII (Paqr7), mRNA [NM_001034081]	7,210
Pex14	Rattus norvegicus peroxisomal biogenesis factor 14 (Pex14), mRNA [NM_172063]	7,209
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTT2] [ENSRNOT00000059588]	7,208
Dync1i2	Rattus norvegicus dynein cytoplasmic 1 intermediate chain 2 (Dync1i2), mRNA [NM_053880]	7,208
Bfar	Rattus norvegicus bifunctional apoptosis regulator (Bfar), mRNA [NM_001013125]	7,207
Snrnp27	Rattus norvegicus small nuclear ribonucleoprotein 27 (U4/U6.U5) (Snrnp27), mRNA [NM_001108636]	7,206
Fbxo34	Rattus norvegicus F-box protein 34 (Fbxo34), mRNA [NM_001107257]	7,206
Znf513	Rattus norvegicus zinc finger protein 513 (Znf513), mRNA [NM_001012110]	7,206
Lmx1a	Rattus norvegicus LIM homeobox transcription factor 1 alpha (Lmx1a), mRNA [NM_001105967]	7,204
Yrdc	Rattus norvegicus yrdC domain containing (E.coli) (Yrdc), nuclear gene encoding mitochondrial protein, mRNA [NM_175604]	7,203
Gpr161	G protein-coupled receptor 161 [Source:RefSeq peptide;Acc:NP_001178601] [ENSRNOT00000067745]	7,203
RGD1306928	PREDICTED: Rattus norvegicus similar to hypothetical protein MGC13138, transcript variant 1 (RGD1306928), mRNA [XM_001080215]	7,203
Mfap4	Rattus norvegicus microfibrillar-associated protein 4 (Mfap4), mRNA [NM_001034124]	7,203
Acap3	Rattus norvegicus ArfGAP with coiled-coil, ankyrin repeat and PH domains 3 (Acap3), mRNA [NM_001107999]	7,203
0	Unknown	7,202
Wdfy2	Rattus norvegicus WD repeat and FYVE domain containing 2 (Wdfy2), mRNA [NM_001107269]	7,202
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZWV2] [ENSRNOT00000030148]	7,201
LOC684652	PREDICTED: Rattus norvegicus hypothetical protein LOC684652 (LOC684652), partial mRNA [XM_001055278]	7,201
LOC502894	Rattus norvegicus hypothetical protein LOC502894 (LOC502894), mRNA [NM_001025064]	7,200
Zmynd15	Rattus norvegicus zinc finger, MYND-type containing 15 (Zmynd15), mRNA [NM_001105800]	7,199

Rnd3	Rattus norvegicus Rho family GTPase 3 (Rnd3), mRNA [NM_001007641]	7,198
0	Unknown	7,198
0	Rattus norvegicus strain BN/SsNHsdMCW RNOR03327191, whole genome shotgun sequence [AABR03127998]	7,197
0	Unknown	7,197
Adar	Rattus norvegicus adenosine deaminase, RNA-specific (Adar), mRNA [NM_031006]	7,196
Josd2	Rattus norvegicus Josephin domain containing 2 (Josd2), mRNA [NM_001106256]	7,196
Ralbp1	Rattus norvegicus ralA binding protein 1 (Ralbp1), mRNA [NM_032067]	7,196
Tmem55b	Rattus norvegicus transmembrane protein 55B (Tmem55b), mRNA [NM_001014233]	7,195
0	Unknown	7,195
Nt5c3l	Rattus norvegicus 5'-nucleotidase, cytosolic III-like (Nt5c3l), mRNA [NM_001007723]	7,195
Zbtb11	Rattus norvegicus zinc finger and BTB domain containing 11 (Zbtb11), mRNA [NM_001107097]	7,195
0	Unknown	7,194
Cpt1c	Rattus norvegicus carnitine palmitoyltransferase 1c (Cpt1c), mRNA [NM_001034925]	7,191
Camk2g	Rattus norvegicus calcium/calmodulin-dependent protein kinase II gamma (Camk2g), mRNA [NM_133605]	7,190
Fyttd1	Rattus norvegicus forty-two-three domain containing 1 (Fyttd1), mRNA [NM_001047899]	7,190
Ing2	Rattus norvegicus inhibitor of growth family, member 2 (Ing2), mRNA [NM_001106083]	7,190
Tex264	Rattus norvegicus testis expressed 264 (Tex264), mRNA [NM_001007665]	7,188
0	Unknown	7,188
0	Rattus norvegicus strain Sprague-Dawley morphine related protein-1 mRNA, complete cds. [AF145796]	7,187
Masp2	Rattus Norvegicus mRNA for MAp19 protein, partial clone prl-5. [Y18568]	7,187
0	Unknown	7,187
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZER7] [ENSRNOT00000043011]	7,186
0	Unknown	7,185
Tmprss6	Rattus norvegicus transmembrane protease, serine 6 (Tmprss6), mRNA [NM_001130556]	7,185
Serpnb2	Rattus norvegicus serpin peptidase inhibitor, clade B (ovalbumin), member 2 (Serpnb2), mRNA [NM_021696]	7,185
0	Rattus norvegicus similar to Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) (LOC364451), mRNA [XM_344447]	7,185
Gkap1	Rattus norvegicus G kinase anchoring protein 1 (Gkap1), mRNA [NM_001012160]	7,184
Fgd4	Rattus norvegicus FYVE, RhoGEF and PH domain containing 4 (Fgd4), mRNA [NM_139263]	7,184
Inpp1	Rattus norvegicus inositol polyphosphate-1-phosphatase (Inpp1), mRNA [NM_001012131]	7,184
Tmem181	Rattus norvegicus transmembrane protein 181 (Tmem181), mRNA [NM_001130939]	7,184
Fau	Rattus norvegicus Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (Fau), transcript variant 1, mRNA [NM_001012739]	7,184
Me3	Rattus norvegicus malic enzyme 3, NADP(+)-dependent, mitochondrial (Me3), nuclear gene encoding mitochondrial protein, mRNA [NM_001108491]	7,183

Tcea1	Rattus norvegicus transcription elongation factor A (SII) 1 (Tcea1), mRNA [NM_001025735]	7,183
Rnf19a	Rattus norvegicus ring finger protein 19A (Rnf19a), mRNA [NM_001130560]	7,183
Lcmt1	Rattus norvegicus leucine carboxyl methyltransferase 1 (Lcmt1), mRNA [NM_199405]	7,183
Serac1	Similar to serine active site containing 1 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEJ3] [ENSRNOT00000060527]	7,182
Csf2ra	Rattus norvegicus granulocyte-macrophage colony stimulating receptor alpha (Csf2ra), mRNA [NM_001037660]	7,181
Tor1aip1	Rattus norvegicus torsin A interacting protein 1 (Tor1aip1), mRNA [NM_145092]	7,179
0	Unknown	7,179
Ddx3x	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked (Ddx3x), mRNA [NM_001108246]	7,177
0	Rattus norvegicus similar to Aspartate aminotransferase, mitochondrial precursor (Transaminase A) (Glutamate oxaloacetate transaminase-2) (LOC296593), mRNA [XM_231092]	7,177
Pgm2l1	Rattus norvegicus phosphoglucomutase 2-like 1 (Pgm2l1), mRNA [NM_001109454]	7,177
Neur12	Rattus norvegicus neuralized homolog 2 (Drosophila) (Neur12), mRNA [NM_001107802]	7,176
Aoc3	Rattus norvegicus amine oxidase, copper containing 3 (vascular adhesion protein 1) (Aoc3), mRNA [NM_031582]	7,176
Ccnf	Rattus norvegicus cyclin F (Ccnf), mRNA [NM_001100474]	7,175
Tlk1	Rattus norvegicus tousled-like kinase 1 (Tlk1), mRNA [NM_001107734]	7,175
0	Unknown	7,174
Nudt13	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 13 (Nudt13), mRNA [NM_001127636]	7,173
Dsc2	Rattus norvegicus desmocollin 2 (Dsc2), mRNA [NM_001033688]	7,171
Bzrap1	Peripheral-type benzodiazepine receptor-associated protein 1 [Source:UniProtKB/Swiss-Prot;Acc:Q9JIR0] [ENSRNOT00000045158]	7,171
0	PREDICTED: Rattus norvegicus similar to KIAA0953 protein (RGD1310845), mRNA [XM_233942]	7,171
Scrn1	Rattus norvegicus secernin 1 (Scrn1), mRNA [NM_001025063]	7,170
RGD1559442	Rattus norvegicus similar to SET binding factor 2 (LOC691036), mRNA [NM_001134970]	7,169
Atmin	Rattus norvegicus ATM interactor (Atmin), mRNA [NM_001191786]	7,169
Pde9a	Rattus norvegicus phosphodiesterase 9A (Pde9a), mRNA [NM_138543]	7,167
0	Unknown	7,167
Abhd10	Rattus norvegicus abhydrolase domain containing 10 (Abhd10), mRNA [NM_001123352]	7,166
RGD1564515	PREDICTED: Rattus norvegicus similar to alpha 1B-glycoprotein (RGD1564515), mRNA [XM_001069779]	7,166
Lca5	Rattus norvegicus Leber congenital amaurosis 5 (human) (Lca5), mRNA [NM_001013954]	7,165
0	PREDICTED: Rattus norvegicus single-stranded DNA binding protein 2 (Ssbp2), mRNA [XM_001065491]	7,164
Zfand6	Rattus norvegicus zinc finger, AN1-type domain 6 (Zfand6), mRNA [NM_001007630]	7,162
Mtmr10	Rattus norvegicus myotubularin related protein 10 (Mtmr10), mRNA [NM_001100846]	7,162
Copg	Rattus norvegicus coatomer protein complex, subunit gamma (Copg), mRNA [NM_001031822]	7,161
Stx2	Rattus norvegicus syntaxin 2 (Stx2), mRNA [NM_012748]	7,160
0	Unknown	7,160

Znf865	Rattus norvegicus zinc finger protein 865 (Znf865), mRNA [NM_001134544]	7,159
RGD1311267	Rattus norvegicus similar to RIKEN cDNA 4931426K16 gene (RGD1311267), mRNA [NM_001039024]	7,158
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC294405), mRNA [XM_215391]	7,157
Gnb2	Rattus norvegicus guanine nucleotide binding protein (G protein), beta polypeptide 2 (Gnb2), mRNA [NM_031037]	7,157
Tas2r109	Rattus norvegicus taste receptor, type 2, member 109 (Tas2r109), mRNA [NM_001080939]	7,157
Lnp	Rattus norvegicus limb and neural patterns (Lnp), mRNA [NM_001077429]	7,156
0	Unknown	7,154
Ptpn6	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 6 (Ptpn6), mRNA [NM_053908]	7,153
Ppap2c	Rattus norvegicus phosphatidic acid phosphatase type 2c (Ppap2c), mRNA [NM_139252]	7,151
Ap1b1	Rattus norvegicus adaptor-related protein complex 1, beta 1 subunit (Ap1b1), mRNA [NM_017277]	7,150
Fam53a	Rattus norvegicus family with sequence similarity 53, member A (Fam53a), mRNA [NM_001107228]	7,150
Gpr172a	Rattus norvegicus G protein-coupled receptor 172A (Gpr172a), mRNA [NM_001109670]	7,149
Pnlcd1	Rattus norvegicus poly(A)-specific ribonuclease (PARN)-like domain containing 1 (Pnlcd1), mRNA [NM_001025724]	7,149
RGD1311273	Rattus norvegicus similar to RIKEN cDNA 9530058B02 (RGD1311273), mRNA [NM_001109475]	7,148
Pak4	Rattus norvegicus p21 protein (Cdc42/Rac)-activated kinase 4 (Pak4), mRNA [NM_001106238]	7,148
0	Q4KM71_RAT (Q4KM71) NonO/p54nrb homolog, complete [TC583734]	7,147
0	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1500001A10 (RGD1560213), miscRNA [XR_085996]	7,147
Gsn	Rattus norvegicus gelsolin (Gsn), mRNA [NM_001004080]	7,146
Inpp5k	Rattus norvegicus inositol polyphosphate-5-phosphatase K (Inpp5k), mRNA [NM_001013859]	7,146
0	Lysophosphatidylcholine acyltransferase 2B [Source:UniProtKB/Swiss-Prot;Acc:Q4V8A1] [ENSRNOT00000037141]	7,145
Spsb1	Rattus norvegicus splA/ryanodine receptor domain and SOCS box containing 1 (Spsb1), mRNA [NM_001107994]	7,145
Bag1	Rattus norvegicus BCL2-associated athanogene (Bag1), mRNA [NM_001106647]	7,145
Fam35a	Rattus norvegicus family with sequence similarity 35, member A (Fam35a), mRNA [NM_001025028]	7,145
Fgfbp3	Rattus norvegicus fibroblast growth factor binding protein 3 (Fgfbp3), mRNA [NM_001109165]	7,145
RGD1311433	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9R2] [ENSRNOT00000003700]	7,144
Higd2a	Rattus norvegicus HIG1 hypoxia inducible domain family, member 2A (Higd2a), mRNA [NM_001106102]	7,144
Rad54l	Rattus norvegicus RAD54 like (S. cerevisiae) (Rad54l), mRNA [NM_001134960]	7,144
0	Unknown	7,143
Olr1614	Rattus norvegicus olfactory receptor 1614 (Olr1614), mRNA [NM_001000841]	7,142
Ephb3	Rattus norvegicus Eph receptor B3 (Ephb3), mRNA [NM_001105868]	7,141
Cpeb1	Rattus norvegicus cytoplasmic polyadenylation element binding protein 1 (Cpeb1), mRNA [NM_001106276]	7,141
Taf5l	Rattus norvegicus TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor (Taf5l), mRNA [NM_001107442]	7,141
Prdm5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRZ9] [ENSRNOT00000009569]	7,140

Isg20	Rattus norvegicus interferon stimulated exonuclease gene 20 (Isg20), mRNA [NM_001008510]	7,138
Mrc2	Rattus norvegicus mannose receptor, C type 2 (Mrc2), mRNA [NM_001024687]	7,138
0	PREDICTED: Rattus norvegicus similar to Emu2 (LOC685612), mRNA [XM_001064529]	7,138
Flcn	Rattus norvegicus folliculin (Flcn), mRNA [NM_199390]	7,137
RGD1562165	PREDICTED: Rattus norvegicus similar to GABA(A) receptor-associated protein like 2 (RGD1562165), partial mRNA [XM_001058517]	7,136
0	Unknown	7,135
Acp5	Rattus norvegicus acid phosphatase 5, tartrate resistant (Acp5), mRNA [NM_019144]	7,135
0	Unknown	7,134
Kiss1r	Rattus norvegicus KISS1 receptor (Kiss1r), mRNA [NM_023992]	7,134
0	Pyruvate kinase [Source:UniProtKB/TrEMBL;Acc:D3ZH85] [ENSRNOT00000015275]	7,133
Herc6	PREDICTED: Rattus norvegicus potential ubiquitin ligase (Herc6), mRNA [XM_001064216]	7,133
Pet112l	PREDICTED: Rattus norvegicus PET112-like (yeast) (Pet112l), mRNA [XM_001066526]	7,133
Tmem141	Rattus norvegicus transmembrane protein 141 (Tmem141), mRNA [NM_001109197]	7,132
Rnf20	Rattus norvegicus ring finger protein 20 (Rnf20), mRNA [NM_001107929]	7,132
0	Unknown	7,131
Rrh	Rattus norvegicus retinal pigment epithelium derived rhodopsin homolog (Rrh), mRNA [NM_001107726]	7,130
0	Unknown	7,129
LOC301816	PREDICTED: Rattus norvegicus similar to Spindlin-like protein 2 (SPIN-2) (LOC301816), mRNA [XM_229292]	7,128
RGD1305110	Rattus norvegicus similar to KIAA1841 protein (RGD1305110), mRNA [NM_001100971]	7,126
Bcl2l2	Rattus norvegicus Bcl2-like 2 (Bcl2l2), mRNA [NM_021850]	7,126
Nos1ap	Rattus norvegicus nitric oxide synthase 1 (neuronal) adaptor protein (Nos1ap), mRNA [NM_138922]	7,126
0	Homeobox protein cut-like 1 [Source:UniProtKB/Swiss-Prot;Acc:P53565] [ENSRNOT00000059486]	7,125
Stx6	Rattus norvegicus syntaxin 6 (Stx6), mRNA [NM_031665]	7,125
Rnf168	Rattus norvegicus ring finger protein 168 (Rnf168), mRNA [NM_001127597]	7,122
Fam105a	Rattus norvegicus family with sequence similarity 105, member A (Fam105a), mRNA [NM_001037648]	7,122
LOC690478	Rattus norvegicus similar to keratin associated protein 10-7 (LOC690478), mRNA [NM_001109595]	7,122
Snx4	Rattus norvegicus sorting nexin 4 (Snx4), mRNA [NM_001127550]	7,121
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRK3] [ENSRNOT00000059370]	7,121
Agpat5	Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon) (Agpat5), mRNA [NM_001134744]	7,121
Ptch1	Rattus norvegicus patched homolog 1 (Drosophila) (Ptch1), mRNA [NM_053566]	7,120
Alb	Rattus norvegicus albumin (Alb), mRNA [NM_134326]	7,119
Jun	Rattus norvegicus Jun oncogene (Jun), mRNA [NM_021835]	7,119
Il6st	Rattus norvegicus interleukin 6 signal transducer (Il6st), mRNA [NM_001008725]	7,119

Pnpla7	Rattus norvegicus patatin-like phospholipase domain containing 7 (Pnpla7), mRNA [NM_144738]	7,119
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCG9] [ENSRNOT00000005644]	7,118
Gpx7	Rattus norvegicus glutathione peroxidase 7 (Gpx7), mRNA [NM_001106673]	7,116
Lamc1	Rattus norvegicus laminin, gamma 1 (Lamc1), mRNA [NM_053966]	7,116
Mpv17l2	Rattus norvegicus MPV17 mitochondrial membrane protein-like 2 (Mpv17l2), nuclear gene encoding mitochondrial protein, mRNA [NM_001106072]	7,116
Isy1	Rattus norvegicus ISY1 splicing factor homolog (S. cerevisiae) (Isy1), mRNA [NM_001014188]	7,115
Ppp2r1b	Rattus norvegicus protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform (Ppp2r1b), mRNA [NM_001025418]	7,115
Fgf21	Rattus norvegicus fibroblast growth factor 21 (Fgf21), mRNA [NM_130752]	7,111
Lrrc47	Rattus norvegicus leucine rich repeat containing 47 (Lrrc47), mRNA [NM_001135666]	7,111
Arid4a	Rattus norvegicus AT rich interactive domain 4A (Rbp1 like) (Arid4a), mRNA [NM_001108029]	7,109
Scand1	Rattus norvegicus SCAN domain-containing 1 (Scand1), mRNA [NM_001108599]	7,108
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQF0] [ENSRNOT000000047238]	7,108
Il17ra	Rattus norvegicus interleukin 17 receptor A (Il17ra), mRNA [NM_001107883]	7,106
0	Unknown	7,106
Cdkn2b	Rattus norvegicus cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4) (Cdkn2b), mRNA [NM_130812]	7,106
RGD1561520	PREDICTED: Rattus norvegicus similar to Ab2-162 (RGD1561520), mRNA [XM_345159]	7,105
RGD1305572	Rattus norvegicus similar to hypothetical protein MGC30618 (RGD1305572), mRNA [NM_001024970]	7,105
Tmem186	Rattus norvegicus transmembrane protein 186 (Tmem186), mRNA [NM_001025756]	7,104
Kcnq4	Potassium voltage-gated channel subfamily KQT member 4 [Source:UniProtKB/Swiss-Prot;Acc:Q9JK96] [ENSRNOT00000014231]	7,103
Grk6	Rattus norvegicus G protein-coupled receptor kinase 6 (Grk6), transcript variant 2, mRNA [NM_001112713]	7,103
0	Unknown	7,103
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A553] [ENSRNOT00000016227]	7,102
Nedd8	Rattus norvegicus neural precursor cell expressed, developmentally down-regulated 8 (Nedd8), mRNA [NM_138878]	7,102
Alg13	Rattus norvegicus asparagine-linked glycosylation 13 homolog (S. cerevisiae) (Alg13), mRNA [NM_001013951]	7,100
Xylt2	Rattus norvegicus xylosyltransferase II (Xylt2), mRNA [NM_022296]	7,100
Nkiras1	Rattus norvegicus NFkB inhibitor interacting Ras-like 1 (Nkiras1), mRNA [NM_001107252]	7,099
Vps33b	Rattus norvegicus vacuolar protein sorting 33 homolog B (yeast) (Vps33b), mRNA [NM_022286]	7,098
Znf804a	Rattus norvegicus similar to hypothetical protein (LOC295695), mRNA [XM_230042]	7,098
Extl1	Rattus norvegicus exostoses (multiple)-like 1 (Extl1), mRNA [NM_001107985]	7,097
0	Unknown	7,097
Olr196	Rattus norvegicus olfactory receptor 196 (Olr196), mRNA [NM_001000187]	7,095
Crygf	Rattus norvegicus crystallin, gamma F (Crygf), mRNA [NM_001109557]	7,095
0	Unknown	7,094
0	Coiled-coil domain-containing-like [Source:UniProtKB/TrEMBL;Acc:Q5M816] [ENSRNOT00000015782]	7,093

0	Unknown	7,093
Senp6	Rattus norvegicus SUMO1/sentrin specific peptidase 6 (Senp6), mRNA [NM_001106842]	7,092
Taz	Rattus norvegicus tafazzin (Taz), nuclear gene encoding mitochondrial protein, mRNA [NM_001025748]	7,091
0	Unknown	7,091
Arl13b	Rattus norvegicus ADP-ribosylation factor-like 13B (Arl13b), mRNA [NM_001107101]	7,091
Zfp758	PREDICTED: Rattus norvegicus similar to reduced expression 2 (LOC690559), mRNA [XM_001074805]	7,091
Bri3	Rattus norvegicus brain protein I3 (Bri3), mRNA [NM_001009604]	7,090
Olr606	Rattus norvegicus olfactory receptor 606 (Olr606), mRNA [NM_001000927]	7,090
Cluap1	Rattus norvegicus clusterin associated protein 1 (Cluap1), mRNA [NM_001014225]	7,088
0	Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (LOC287338), mRNA [XM_220490]	7,088
Kif13a	Rattus norvegicus kinesin family member 13A (Kif13a), mRNA [NM_001107462]	7,088
RGD1311756	Rattus norvegicus similar to hypothetical protein FLJ20950 (RGD1311756), mRNA [NM_001173557]	7,087
Rfwd3	Rattus norvegicus similar to hypothetical protein FLJ34389 (LOC361409), mRNA [XM_341690]	7,086
RGD1311273	Rattus norvegicus similar to RIKEN cDNA 9530058B02 (RGD1311273), mRNA [NM_001109475]	7,084
Kif5c	Rattus norvegicus kinesin family member 5C (Kif5c), mRNA [NM_001107730]	7,083
Eef2k	Rattus norvegicus eukaryotic elongation factor-2 kinase (Eef2k), mRNA [NM_012947]	7,082
Bdnf	Rattus norvegicus brain-derived neurotrophic factor (Bdnf), mRNA [NM_012513]	7,082
0	Rattus norvegicus similar to Proteasome activator complex subunit 2 (Proteasome activator 28-beta subunit) (PA28beta) (PA28b) (Activator of multicatalytic protease subunit 2) (11S regulator complex beta subunit) (REG-beta) (LOC304754), mRNA [XM_222590]	7,081
Lat	Rattus norvegicus linker for activation of T cells (Lat), mRNA [NM_030853]	7,081
Heca	Rattus norvegicus headcase homolog (Drosophila) (Heca), mRNA [NM_001107514]	7,079
Socs4	Rattus norvegicus suppressor of cytokine signaling 4 (Socs4), mRNA [NM_001107256]	7,078
Gjc3	Gap junction protein [Source:UniProtKB/TrEMBL;Acc:Q80XF8] [ENSRNOT00000001797]	7,077
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC310648), mRNA [XM_227423]	7,076
LOC100366273	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1X2] [ENSRNOT00000014629]	7,076
Bicc1	Rattus norvegicus bicaudal C homolog 1 (Drosophila) (Bicc1), mRNA [NM_001108531]	7,076
0	Unknown	7,075
Ubr5	E3 ubiquitin-protein ligase UBR5 [Source:UniProtKB/Swiss-Prot;Acc:Q62671] [ENSRNOT00000009115]	7,074
0	Unknown	7,074
Sec61a1	Rattus norvegicus Sec61 alpha 1 subunit (S. cerevisiae) (Sec61a1), mRNA [NM_199256]	7,072
LOC691141	Rattus norvegicus hypothetical protein LOC691141 (LOC691141), mRNA [NM_001109624]	7,072
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6G8] [ENSRNOT00000048964]	7,071
Egfl8	Rattus norvegicus EGF-like-domain, multiple 8 (Egfl8), transcript variant 1, mRNA [NM_001004070]	7,071

Olr1	Rattus norvegicus oxidized low density lipoprotein (lectin-like) receptor 1 (Olr1), mRNA [NM_133306]	7,071
LOC678769	Rattus norvegicus similar to Cysteine protease ATG4A (Autophagy-related protein 4 homolog A) (Autophagin-2) (Autophagy-related cysteine endopeptidase 2) (AUT-like 2 cysteine endopeptidase) (LOC678769), mRNA [NM_001126298]	7,070
Gnptg	Rattus norvegicus N-acetylglucosamine-1-phosphate transferase, gamma subunit (Gnptg), mRNA [NM_001100493]	7,070
Zmynd19	Rattus norvegicus zinc finger, MYND-type containing 19 (Zmynd19), mRNA [NM_198770]	7,070
0	Rattus norvegicus LOC361297 (LOC361297), mRNA [XM_341582]	7,069
Psme2	Rattus norvegicus proteasome (prosome, macropain) activator subunit 2 (Psme2), mRNA [NM_017257]	7,068
Adam8	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZB52] [ENSRNOT00000024369]	7,067
Ccng2	Rattus norvegicus cyclin G2 (Ccng2), mRNA [NM_001105725]	7,066
0	Unknown	7,065
RGD1566085	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8P5] [ENSRNOT00000051678]	7,064
0	Unknown	7,064
Dcn	Rattus norvegicus decorin (Dcn), mRNA [NM_024129]	7,064
Guf1	Rattus norvegicus GUF1 GTPase homolog (S. cerevisiae) (Guf1), mRNA [NM_001107215]	7,063
Magel2	RCG63550Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTL5] [ENSRNOT00000013483]	7,062
Kif2a	Kinesin-like protein KIF2A [Source:UniProtKB/Swiss-Prot;Acc:Q9WV63] [ENSRNOT00000019225]	7,062
Recql4	Rattus norvegicus RecQ protein-like 4 (Recql4), mRNA [NM_001130494]	7,061
Acvr2a	Rattus norvegicus activin A receptor, type IIA (Acvr2a), mRNA [NM_031571]	7,061
Slc5a5	Rattus norvegicus solute carrier family 5 (sodium iodide symporter), member 5 (Slc5a5), mRNA [NM_052983]	7,061
RGD1560666	PREDICTED: Rattus norvegicus similar to KIAA1280 protein (RGD1560666), mRNA [XM_001069576]	7,060
Slc38a2	Rattus norvegicus solute carrier family 38, member 2 (Slc38a2), mRNA [NM_181090]	7,059
Bhlha9	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY30] [ENSRNOT00000032934]	7,058
LOC293103	Rattus norvegicus similar to RIKEN cDNA 0610007P06 (LOC293103), mRNA [NM_001013897]	7,058
Asf1b	Rattus norvegicus ASF1 anti-silencing function 1 homolog B (S. cerevisiae) (Asf1b), mRNA [NM_001107160]	7,058
Cadm4	Rattus norvegicus cell adhesion molecule 4 (Cadm4), mRNA [NM_001047107]	7,056
0	Unknown	7,056
0	Unknown	7,056
Cdc42ep1	Rattus norvegicus CDC42 effector protein (Rho GTPase binding) 1 (Cdc42ep1), mRNA [NM_001079700]	7,054
0	Unknown	7,054
Mapk8ip1	Rattus norvegicus mitogen-activated protein kinase 8 interacting protein 1 (Mapk8ip1), mRNA [NM_053777]	7,054
Mcl1	Rattus norvegicus myeloid cell leukemia sequence 1 (Mcl1), nuclear gene encoding mitochondrial protein, mRNA [NM_021846]	7,053
Clcc1	Rattus norvegicus chloride channel CLIC-like 1 (Clcc1), mRNA [NM_133414]	7,052
0	Unknown	7,050
Rpa1	Rattus norvegicus replication protein A1 (Rpa1), mRNA [NM_001047843]	7,050

Zfp169	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9A8] [ENSRNOT00000022932]	7,049
0	BC030489 Anln protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (14%) [TC595131]	7,048
Zbtb1	Rattus norvegicus zinc finger and BTB domain containing 1 (Zbtb1), mRNA [NM_001004444]	7,047
0	Unknown	7,047
LOC679983	AMGNNUC:URRG1-00065-A12-A urrg1 (14046) Rattus norvegicus cDNA clone urrg1-00065-a12 5', mRNA sequence [CB547742]	7,047
0	Unknown	7,046
Crebl2	Rattus norvegicus cAMP responsive element binding protein-like 2 (Crebl2), mRNA [NM_001015027]	7,046
0	Unknown	7,046
0	Unknown	7,046
Itga10	Rattus norvegicus integrin, alpha 10 (Itga10), mRNA [NM_001107699]	7,045
Pou2af1	Rattus norvegicus POU class 2 associating factor 1 (Pou2af1), mRNA [NM_001109599]	7,044
0	Unknown	7,044
Dbnl	Rattus norvegicus drebrin-like (Dbnl), mRNA [NM_031352]	7,044
Ndufaf3	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 3 (Ndufaf3), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_020080]	7,042
0	Unknown	7,039
0	Unknown	7,037
Fam5c	Rattus norvegicus family with sequence similarity 5, member C (Fam5c), mRNA [NM_173121]	7,036
Ap2a2	Rattus norvegicus adaptor-related protein complex 2, alpha 2 subunit (Ap2a2), mRNA [NM_031008]	7,035
Ppp1r1c	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 1C (Ppp1r1c), mRNA [NM_001109200]	7,035
Krtap9-5	PREDICTED: Rattus norvegicus hypothetical protein LOC680468 (LOC680468), mRNA [XM_001057319]	7,035
Ddit4	Rattus norvegicus DNA-damage-inducible transcript 4 (Ddit4), mRNA [NM_080906]	7,034
LOC687536	PREDICTED: Rattus norvegicus similar to Forkhead box protein F1 (Forkhead-related protein FKHL5) (Forkhead-related transcription factor 1) (FREAC-1) (Hepatocyte nuclear factor 3 forkhead homolog 8) (HFH-8) (LOC687536), mRNA [XM_001079002]	7,033
RGD1560936	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L13 (RGD1560936), mRNA [XM_219309]	7,033
Cdo1	Rattus norvegicus cysteine dioxygenase, type I (Cdo1), mRNA [NM_052809]	7,033
0	Unknown	7,033
Stard3	Rattus norvegicus StAR-related lipid transfer (START) domain containing 3 (Stard3), mRNA [NM_001014229]	7,033
Sms	Rattus norvegicus spermine synthase (Sms), mRNA [NM_001033899]	7,032
RGD1307325	Rattus norvegicus similar to RIKEN cDNA 4933411K20 (RGD1307325), mRNA [NM_001014001]	7,032
Pno1	Rattus norvegicus partner of NOB1 homolog (S. cerevisiae) (Pno1), mRNA [NM_199083]	7,032
RGD1564469	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJT4] [ENSRNOT00000040909]	7,031
0	Unknown	7,030
0	Unknown	7,030

Hnrpd	Rattus norvegicus heterogeneous nuclear ribonucleoprotein D (Hnrpd), transcript variant 1, mRNA [NM_024404]	7,030
0	CTGE5_MOUSE (Q8R311) Cutaneous T-cell lymphoma-associated antigen 5 homolog (cTAGE-5 protein) (Meningioma-expressed antigen 6), partial (9%) [TC630795]	7,028
0	Unknown	7,028
0	Unknown	7,027
Dcun1d2	Rattus norvegicus DCN1, defective in cullin neddylation 1, domain containing 2 (S. cerevisiae) (Dcun1d2), mRNA [NM_001134798]	7,025
Fam160a2	Rattus norvegicus family with sequence similarity 160, member A2 (Fam160a2), mRNA [NM_001005538]	7,025
Gnb3	Rattus norvegicus guanine nucleotide binding protein (G protein), beta polypeptide 3 (Gnb3), mRNA [NM_021858]	7,025
Fam125a	Rattus norvegicus family with sequence similarity 125, member A (Fam125a), mRNA [NM_199375]	7,023
Lrrc23	Rattus norvegicus leucine rich repeat containing 23 (Lrrc23), mRNA [NM_001013165]	7,023
Nudt4	Rattus norvegicus nudix (nucleoside diphosphate linked moiety X)-type motif 4 (Nudt4), mRNA [NM_053598]	7,022
Olr1088	PREDICTED: Rattus norvegicus olfactory receptor 1088 (Olr1088), mRNA [XM_001077880]	7,020
Olr399	Rattus norvegicus olfactory receptor 399 (Olr399), mRNA [NM_001000560]	7,019
0	Unknown	7,019
0	Unknown	7,016
Cyp2a2	Rattus norvegicus cytochrome P450, family 2, subfamily a, polypeptide 2 (Cyp2a2), mRNA [NM_012693]	7,015
Amacr	Rattus norvegicus alpha-methylacyl-CoA racemase (Amacr), nuclear gene encoding mitochondrial protein, mRNA [NM_012816]	7,013
Slc38a10	Putative uncharacterized protein RGD1306356Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH43] [ENSRNOT00000006225]	7,012
Hspb8	Rattus norvegicus heat shock protein B8 (Hspb8), mRNA [NM_053612]	7,012
Kcnk10	Rattus norvegicus potassium channel, subfamily K, member 10 (Kcnk10), mRNA [NM_023096]	7,011
Rhobtb2	Rattus norvegicus Rho-related BTB domain containing 2 (Rhobtb2), mRNA [NM_001013133]	7,009
LOC685398	PREDICTED: Rattus norvegicus similar to 1A6/DRIM (down-regulated in metastasis) interacting protein (LOC685398), mRNA [XM_001063635]	7,009
0	AGENCOURT_26629706 NIH_MGC_253 Rattus norvegicus cDNA clone IMAGE:7305279 5', mRNA sequence [CO385661]	7,009
Trim33	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUK4] [ENSRNOT000000025600]	7,007
Lig4	Rattus norvegicus ligase IV, DNA, ATP-dependent (Lig4), mRNA [NM_001106095]	7,007
Fam136a	Rattus norvegicus family with sequence similarity 136, member A (Fam136a), mRNA [NM_001106605]	7,007
Sesn3	Rattus norvegicus sestrin 3 (Sesn3), mRNA [NM_001108125]	7,006
Ccdc12	Rattus norvegicus coiled-coil domain containing 12 (Ccdc12), mRNA [NM_001108783]	7,006
LOC498685	Rattus norvegicus similar to UPF0308 protein C9orf21 (LOC498685), mRNA [NM_001109114]	7,005
Zfp639	Rattus norvegicus zinc finger protein 639 (Zfp639), mRNA [NM_001080907]	7,004
Gpc4	Rattus norvegicus glypican 4 (Gpc4), mRNA [NM_001014108]	7,004
Tfdp2	Rattus norvegicus transcription factor Dp-2 (E2F dimerization partner 2) (Tfdp2), mRNA [NM_001106847]	7,004
Cadps2	PREDICTED: Rattus norvegicus Ca ⁺⁺ -dependent secretion activator 2, transcript variant 1 (Cadps2), mRNA [XM_001060172]	7,003
Xkr7	Rattus norvegicus XK, Kell blood group complex subunit-related family, member 7 (Xkr7), mRNA [NM_001012092]	7,002

Mrpl16	Rattus norvegicus mitochondrial ribosomal protein L16 (Mrpl16), nuclear gene encoding mitochondrial protein, mRNA [NM_001009647]	7,002
Slc25a33	Rattus norvegicus solute carrier family 25, member 33 (Slc25a33), nuclear gene encoding mitochondrial protein, mRNA [NM_001127574]	7,002
0	SEC24 related gene family, member D (<i>S. cerevisiae</i>) (Predicted), isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTC8] [ENSRNOT00000020433]	7,001
RGD1564342	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFA2] [ENSRNOT00000030991]	7,001
Pcdhga8	Rattus norvegicus protocadherin gamma subfamily A, 8 (Pcdhga8), mRNA [NM_001037156]	7,001
Rpp30	Rattus norvegicus ribonuclease P/MRP 30 subunit (human) (Rpp30), mRNA [NM_001191083]	7,000
Dennd2a	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLQ1] [ENSRNOT00000034549]	7,000
Abhd1	Rattus norvegicus abhydrolase domain containing 1 (Abhd1), mRNA [NM_001008520]	7,000
0	Unknown	6,999
0	FM101283 etnofat Rattus norvegicus cDNA clone etnofatP0059F08 5', mRNA sequence [FM101283]	6,998
0	set=Set beta isoform {alternatively spliced} [rats, neonatal kidney, mRNA, 2026 nt]. [S68987]	6,998
Ankrd34b	Rattus norvegicus ankyrin repeat domain 34B (Ankrd34b), mRNA [NM_001109174]	6,997
Lrrc4	Rattus norvegicus leucine rich repeat containing 4 (Lrrc4), mRNA [NM_001037336]	6,997
Gpr101	Rattus norvegicus G protein-coupled receptor 101 (Gpr101), mRNA [NM_001108258]	6,996
Ddx21	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 21 (Ddx21), mRNA [NM_001037201]	6,995
Gna13	Rattus norvegicus guanine nucleotide binding protein (G protein), alpha 13 (Gna13), mRNA [NM_001013119]	6,995
Defb36	Rattus norvegicus defensin beta 36 (Defb36), mRNA [NM_001037515]	6,995
LOC688869	Rattus norvegicus similar to cytochrome c oxidase, subunit VIb polypeptide 1 (LOC688869), nuclear gene encoding mitochondrial protein, mRNA [NM_001145273]	6,994
Lsm6	Rattus norvegicus LSM6 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) (Lsm6), mRNA [NM_001126085]	6,992
Ctsh	Rattus norvegicus cathepsin H (Ctsh), mRNA [NM_012939]	6,992
Phf3	Rattus norvegicus PHD finger protein 3 (Phf3), mRNA [NM_001108791]	6,992
0	Unknown	6,991
Btbd17	Rattus norvegicus BTB (POZ) domain containing 17 (Btbd17), mRNA [NM_001134534]	6,991
Znf498	Rattus norvegicus zinc finger protein 498 (Znf498), mRNA [NM_001108851]	6,991
Atp13a2	Rattus norvegicus ATPase type 13A2 (Atp13a2), mRNA [NM_001173432]	6,991
Pdlim2	Rattus norvegicus PDZ and LIM domain 2 (Pdlim2), mRNA [NM_001007622]	6,990
Rad51l3	Rattus norvegicus RAD51-like 3 (<i>S. cerevisiae</i>) (Rad51l3), mRNA [NM_001107029]	6,988
Nat14	Rattus norvegicus N-acetyltransferase 14 (Nat14), mRNA [NM_001108466]	6,988
Mterf	Rattus norvegicus mitochondrial transcription termination factor (Mterf), nuclear gene encoding mitochondrial protein, mRNA [NM_053499]	6,987
Prpsap1	Rattus norvegicus phosphoribosyl pyrophosphate synthetase-associated protein 1 (Prpsap1), mRNA [NM_022545]	6,987
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC301496), mRNA [XM_237274]	6,987

Msra	Rattus norvegicus methionine sulfoxide reductase A (Msra), mRNA [NM_053307]	6,986
Mylip	Rattus norvegicus myosin regulatory light chain interacting protein (Mylip), mRNA [NM_001107344]	6,986
0	Beta-crystallin A3Beta-crystallin A3, isoform A1, Delta4 formBeta-crystallin A3, isoform A1, Delta7 formBeta-crystallin A3, isoform A1, Delta8 form [Source:UniProtKB/Swiss-Prot;Acc:P14881] [ENSRNOT00000067029]	6,985
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKT9] [ENSRNOT00000066171]	6,985
Gpatch4	Rattus norvegicus G patch domain containing 4 (Gpatch4), mRNA [NM_001024979]	6,985
Lhfp15	Rattus norvegicus lipoma HMGIC fusion partner-like 5 (Lhfp15), mRNA [NM_001013906]	6,985
Znf608	Rattus norvegicus zinc finger protein 608 (Znf608), mRNA [NM_001107378]	6,983
Arid3b	Rattus norvegicus AT rich interactive domain 3B (Bright like) (Arid3b), mRNA [NM_001109001]	6,981
Ctsll3	RCG24317, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJV2] [ENSRNOT00000061398]	6,980
0	Unknown	6,980
Arpp19	Rattus norvegicus cAMP-regulated phosphoprotein 19 (Arpp19), mRNA [NM_031660]	6,980
Syt12	Rattus norvegicus synaptotagmin XII (Syt12), mRNA [NM_138835]	6,980
Grik1	Rattus norvegicus glutamate receptor, ionotropic, kainate 1 (Grik1), transcript variant 2, mRNA [NM_017241]	6,978
Loh12cr1	Rattus norvegicus loss of heterozygosity, 12, chromosomal region 1 homolog (human) (Loh12cr1), mRNA [NM_001108650]	6,978
Snx20	Rattus norvegicus sorting nexin 20 (Snx20), mRNA [NM_001024999]	6,975
0	Unknown	6,974
LOC294497	Rattus norvegicus similar to double homeobox, 4; double homeobox protein 4 (LOC294497), mRNA [XM_228268]	6,973
Eif4b	Rattus norvegicus eukaryotic translation initiation factor 4B (Eif4b), mRNA [NM_001008324]	6,973
RGD1307554	Rattus norvegicus similar to CG16812-PA (RGD1307554), mRNA [NM_001109664]	6,972
RGD1565641	Rattus norvegicus RGD1565641 (RGD1565641), mRNA [NM_001109179]	6,970
Mfsd5	Rattus norvegicus major facilitator superfamily domain containing 5 (Mfsd5), mRNA [NM_001126282]	6,969
Pnmal1	Rattus norvegicus PNMA-like 1 (Pnmal1), mRNA [NM_001108473]	6,968
Ppp1r16a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 16A (Ppp1r16a), mRNA [NM_001130566]	6,968
RGD1559904	Rattus norvegicus similar to mKIAA1429 protein (RGD1559904), mRNA [NM_001107915]	6,968
Tpd52l1	Rattus norvegicus tumor protein D52-like 1 (Tpd52l1), mRNA [NM_001044295]	6,968
0	Rattus norvegicus TL0ABA19YF11 mRNA sequence. [FQ210991]	6,967
Cacng6	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 6 (Cacng6), mRNA [NM_080694]	6,967
Cacna1c	Rattus norvegicus calcium channel, voltage-dependent, L type, alpha 1C subunit (Cacna1c), mRNA [NM_012517]	6,966
LOC680155	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXU7] [ENSRNOT00000020271]	6,966
Anapc13	Rattus norvegicus anaphase promoting complex subunit 13 (Anapc13), mRNA [NM_001173983]	6,966
LOC686108	PREDICTED: Rattus norvegicus hypothetical protein LOC686108 (LOC686108), mRNA [XM_002729139]	6,964
RGD1564420	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEB6] [ENSRNOT00000013315]	6,962
Trim39	Rattus norvegicus tripartite motif-containing 39 (Trim39), mRNA [NM_213562]	6,961

0	FM135825 etnokid Rattus norvegicus cDNA clone etnokidP0036F18 5', mRNA sequence [FM135825]	6,958
Mmaa	Rattus norvegicus methylmalonic aciduria (cobalamin deficiency) cblA type (Mmaa), nuclear gene encoding mitochondrial protein, mRNA [NM_001106174]	6,957
Ubfd1	Rattus norvegicus ubiquitin family domain containing 1 (Ubfd1), mRNA [NM_001034911]	6,956
0	Unknown	6,954
RGD1565972	Rattus norvegicus similar to hypothetical protein 4932411G14 (RGD1565972), mRNA [NM_001134606]	6,954
LOC500354	Rattus norvegicus similar to C030030A07Rik protein (LOC500354), mRNA [NM_001037797]	6,953
Fastkd5	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ13149 (RGD1563839), miscRNA [XR_085786]	6,953
Mettl14	Rattus norvegicus methyltransferase like 14 (Mettl14), mRNA [NM_001106470]	6,951
Oaz2	Rattus norvegicus ornithine decarboxylase antizyme 2 (Oaz2), mRNA [NM_001109899]	6,950
Vom2r24	Rattus norvegicus vomeronasal 2 receptor, 24 (Vom2r24), mRNA [NM_001099493]	6,950
Rictor	PREDICTED: Rattus norvegicus RPTOR independent companion of MTOR, complex 2 (Rictor), mRNA [XM_226812]	6,950
LOC684996	Rattus norvegicus similar to chromosome 7 open reading frame 11 (LOC684996), mRNA [NM_001109452]	6,949
Hnrnpl	Rattus norvegicus heterogeneous nuclear ribonucleoprotein L (Hnrnpl), transcript variant 1, mRNA [NM_001134760]	6,946
Prosapip1	Rattus norvegicus ProSAPiP1 protein (Prosapip1), mRNA [NM_172022]	6,946
Magi1	Rattus norvegicus membrane associated guanylate kinase, WW and PDZ domain containing 1 (Magi1), mRNA [NM_001030045]	6,946
Tmem161a	Rattus norvegicus transmembrane protein 161A (Tmem161a), mRNA [NM_001108874]	6,946
LOC362473	PREDICTED: Rattus norvegicus similar to Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) (LOC362473), miscRNA [XR_008347]	6,944
Rtp3	Rattus norvegicus receptor (chemosensory) transporter protein 3 (Rtp3), mRNA [NM_001108190]	6,943
Atp6v1a	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V1 subunit A (Atp6v1a), mRNA [NM_001108318]	6,943
0	pleiomorphic adenoma gene-like 2 [Source:RefSeq peptide;Acc:NP_001099998] [ENSRNOT00000013383]	6,942
Olr1414	Rattus norvegicus olfactory receptor 1414 (Olr1414), mRNA [NM_001000782]	6,941
0	Unknown	6,940
Gin1	Rattus norvegicus gypsy retrotransposon integrase 1 (Gin1), mRNA [NM_001025012]	6,939
Mcm4	Rattus norvegicus minichromosome maintenance complex component 4 (Mcm4), mRNA [NM_033651]	6,939
RGD1306730	Rattus norvegicus similar to cDNA sequence BC025641 (RGD1306730), mRNA [NM_001039608]	6,939
Zfp414	Rattus norvegicus zinc finger protein 414 (Zfp414), mRNA [NM_001009664]	6,939
Zdhhc12	Rattus norvegicus zinc finger, DHHC-type containing 12 (Zdhhc12), mRNA [NM_001013239]	6,938
Itpka	Rattus norvegicus inositol 1,4,5-trisphosphate 3-kinase A (Itpka), mRNA [NM_031045]	6,937
Grem2	Rattus norvegicus gremlin 2, cysteine knot superfamily, homolog (Xenopus laevis) (Grem2), mRNA [NM_001105974]	6,936
0	Unknown	6,936
0	Unknown	6,935
RGD1310495	PREDICTED: Rattus norvegicus similar to KIAA1919 protein (RGD1310495), mRNA [XM_001063192]	6,935
R3hdml	Rattus norvegicus R3H domain (binds single-stranded nucleic acids) containing-like (R3hdml), mRNA [NM_001108962]	6,932

Cox6b2	Rattus norvegicus cytochrome c oxidase subunit VIb polypeptide 2 (Cox6b2), mRNA [NM_001039085]	6,931
RGD1304595	Rattus norvegicus similar to RIKEN cDNA 6330416G13 gene (RGD1304595), mRNA [NM_001106661]	6,931
LOC686567	PREDICTED: Rattus norvegicus similar to Epiplakin (LOC686567), mRNA [XM_001074770]	6,931
Cyp2d4	Rattus norvegicus cytochrome P450, family 2, subfamily d, polypeptide 4 (Cyp2d4), mRNA [NM_138515]	6,930
Chmp4b1	PREDICTED: Rattus norvegicus similar to Charged multivesicular body protein 4b (Chromatin-modifying protein 4b) (CHMP4b) (LOC679886), mRNA [XM_002726346]	6,930
Tg	Rattus norvegicus thyroglobulin (Tg), mRNA [NM_030988]	6,929
Mapk3	Rattus norvegicus mitogen activated protein kinase 3 (Mapk3), mRNA [NM_017347]	6,929
Ehd2	Rattus norvegicus EH-domain containing 2 (Ehd2), mRNA [NM_001024897]	6,928
0	Unknown	6,928
RGD1561241	PREDICTED: Rattus norvegicus similar to Mblk1-related protein-1 (RGD1561241), mRNA [XM_001058603]	6,928
Pappa	Rattus norvegicus pregnancy-associated plasma protein A (Pappa), mRNA [NM_001107939]	6,927
Gprc5d	Rattus norvegicus G protein-coupled receptor, family C, group 5, member D (Gprc5d), mRNA [NM_001109254]	6,926
LOC690977	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 5031410I06 (LOC690977), mRNA [XM_002727316]	6,924
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZET0] [ENSRNOT00000035939]	6,924
0	Unknown	6,924
Lrrn1	Rattus norvegicus leucine rich repeat neuronal 1 (Lrrn1), mRNA [NM_001037363]	6,924
Or7e24	Putative gustatory receptor clone PTE01 [Source:UniProtKB/Swiss-Prot;Acc:P35894] [ENSRNOT00000067321]	6,922
Slc36a4	Rattus norvegicus solute carrier family 36 (proton/amino acid symporter), member 4 (Slc36a4), mRNA [NM_001108127]	6,920
Hexb	Rattus norvegicus hexosaminidase B (Hexb), mRNA [NM_001011946]	6,920
LOC681754	PREDICTED: Rattus norvegicus similar to cytochrome c oxidase, subunit VIb polypeptide 1 (LOC681754), mRNA [XM_001058263]	6,920
Wfdc2	Rattus norvegicus WAP four-disulfide core domain 2 (Wfdc2), mRNA [NM_173109]	6,919
Rps6kc1	Rattus norvegicus ribosomal protein S6 kinase, polypeptide 1 (Rps6kc1), mRNA [NM_001105984]	6,919
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR79] [ENSRNOT00000032299]	6,918
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRP8] [ENSRNOT00000031672]	6,918
Olr120	Rattus norvegicus olfactory receptor 120 (Olr120), mRNA [NM_001000154]	6,917
Gata1	Rattus norvegicus GATA binding protein 1 (Gata1), mRNA [NM_012764]	6,916
Clk2	Rattus norvegicus CDC-like kinase 2 (Clk2), mRNA [NM_001014254]	6,916
Wdr47	Rattus norvegicus WD repeat domain 47 (Wdr47), mRNA [NM_001100702]	6,916
Snca	synuclein SYN2 {alternatively spliced} [rats, mRNA, 695 nt]. [S73008]	6,914
Cp	Rattus norvegicus GPI-anchored ceruloplasmin mRNA, complete cds. [AF202115]	6,912
Polr2e	Rattus norvegicus polymerase (RNA) II (DNA directed) polypeptide E (Polr2e), mRNA [NM_001109614]	6,912
0	Unknown	6,912
Zbtb2	Rattus norvegicus zinc finger and BTB domain containing 2 (Zbtb2), mRNA [NM_001107460]	6,911

0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPH4] [ENSRNOT00000061920]	6,911
Cpsf4l	PREDICTED: Rattus norvegicus cleavage and polyadenylation specific factor 4-like (Cpsf4l), mRNA [XM_001081632]	6,910
Pdgfd	Rattus norvegicus platelet-derived growth factor, D polypeptide (Pdgfd), mRNA [NM_023962]	6,910
0	Unknown	6,909
LOC686388	PREDICTED: Rattus norvegicus similar to Prostatic steroid-binding protein C1 chain precursor (Prostatein peptide C1) (LOC686388), mRNA [XM_001073908]	6,906
LOC500413	Rattus norvegicus hypothetical protein LOC500413 (LOC500413), mRNA [NM_001171802]	6,906
0	Unknown	6,906
0	Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (LOC310585), mRNA [XM_227366]	6,906
RGD1560248	PREDICTED: Rattus norvegicus similar to formin-like 2 isoform B, transcript variant 2 (RGD1560248), mRNA [XM_002726151]	6,905
Rnase4	Rattus norvegicus ribonuclease, RNase A family 4 (Rnase4), mRNA [NM_020082]	6,905
Jam3	Rattus norvegicus junctional adhesion molecule 3 (Jam3), mRNA [NM_001004269]	6,905
Gak	Rattus norvegicus cyclin G associated kinase (Gak), mRNA [NM_031030]	6,903
0	Unknown	6,903
0	Unknown	6,901
Olr209	Rattus norvegicus olfactory receptor 209 (Olr209), mRNA [NM_001000736]	6,900
Rgnef	Rattus norvegicus Rho-guanine nucleotide exchange factor (Rgnef), mRNA [NM_001108542]	6,900
Numa1	PREDICTED: Rattus norvegicus nuclear mitotic apparatus protein 1 (Numa1), mRNA [XM_218972]	6,900
Psmc7	Rattus norvegicus proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (Psmc7), mRNA [NM_001107426]	6,899
Trex1	Rattus norvegicus three prime repair exonuclease 1 (Trex1), mRNA [NM_001024989]	6,898
0	Unknown	6,898
Irf6	Rattus norvegicus interferon regulatory factor 6 (Irf6), mRNA [NM_001108859]	6,898
Gdpd1	Rattus norvegicus glycerophosphodiester phosphodiesterase domain containing 1 (Gdpd1), mRNA [NM_001044238]	6,897
0	Unknown	6,895
Alg11	Rattus norvegicus asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (yeast) (Alg11), mRNA [NM_001108401]	6,895
Dnlz	Rattus norvegicus DNL-type zinc finger (Dnlz), mRNA [NM_001130990]	6,895
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWP2] [ENSRNOT00000025138]	6,893
LOC682377	PREDICTED: Rattus norvegicus similar to olfactory receptor 697 (LOC682377), partial mRNA [XM_001061252]	6,893
Mpv17l	Rattus norvegicus MPV17 mitochondrial membrane protein-like (Mpv17l), nuclear gene encoding mitochondrial protein, mRNA [NM_001098240]	6,891
Whsc1l1	Rattus norvegicus Wolf-Hirschhorn syndrome candidate 1-like 1 (human) (Whsc1l1), mRNA [NM_001106090]	6,889
Tnks	Rattus norvegicus tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase (Tnks), mRNA [NM_001106084]	6,886
LOC680039	Rattus norvegicus hypothetical protein LOC680039 (LOC680039), mRNA [NM_001109388]	6,886
LOC686031	Rattus norvegicus hypothetical protein LOC686031 (LOC686031), mRNA [NM_001109490]	6,885

Cbln3	Rattus norvegicus cerebellin 3 precursor (Cbln3), mRNA [NM_001109330]	6,884
Actg1	Rattus norvegicus actin, gamma 1 (Actg1), mRNA [NM_001127449]	6,884
Mgat4a	Rattus norvegicus mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A (Mgat4a), transcript variant 1, mRNA [NM_001160155]	6,882
Mrgpre	Rattus norvegicus MAS-related GPR, member E (Mrgpre), mRNA [NM_001002288]	6,881
Sall2	Rattus norvegicus sal-like 2 (Drosophila) (Sall2), mRNA [NM_001107262]	6,880
LOC680227	Rattus norvegicus LRRGT00193 (LOC680227), mRNA [NM_001047974]	6,880
0	Unknown	6,879
Cpne9	Rattus norvegicus copine family member IX (Cpne9), mRNA [NM_001024982]	6,878
Alpk1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTA7] [ENSRNOT00000030798]	6,876
0	Unknown	6,874
LOC686041	Rattus norvegicus cDNA clone IMAGE:6889638, partial cds. [BC059164]	6,873
Tpst2	Rattus norvegicus tyrosylprotein sulfotransferase 2 (Tpst2), mRNA [NM_001008508]	6,873
Daxx	Rattus norvegicus death-domain associated protein (Daxx), mRNA [NM_080891]	6,872
LOC686980	PREDICTED: Rattus norvegicus similar to arsenate resistance protein 2 (LOC686980), mRNA [XM_001076594]	6,872
0	Rattus norvegicus similar to 60S ribosomal protein L13a (Transplantation antigen P198) (Tum-P198 antigen) (LOC365089), mRNA [XM_344809]	6,871
0	Unknown	6,869
Smg5	Rattus norvegicus Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans), mRNA (cDNA clone IMAGE:9034114), partial cds. [BC169031]	6,868
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9L4] [ENSRNOT00000015730]	6,867
Vapb	Vesicle-associated membrane protein-associated protein B [Source:UniProtKB/Swiss-Prot;Acc:Q9Z269] [ENSRNOT00000007554]	6,867
Uba6	Rattus norvegicus ubiquitin-like modifier activating enzyme 6 (Uba6), mRNA [NM_001107213]	6,866
Trip12	Rattus norvegicus thyroid hormone receptor interactor 12 (Trip12), mRNA [NM_001031659]	6,864
LOC501080	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC501080), mRNA [XM_576492]	6,864
Ccnk	Rattus norvegicus cyclin K (Ccnk), mRNA [NM_001109672]	6,864
0	Unknown	6,862
Birc7	PREDICTED: Rattus norvegicus baculoviral IAP repeat-containing 7 (Birc7), mRNA [XM_001058257]	6,861
Fcgr2a	Low affinity immunoglobulin gamma Fc region receptor III [Source:UniProtKB/Swiss-Prot;Acc:P27645] [ENSRNOT00000045427]	6,861
Mtrr	Rattus norvegicus 5-methyltetrahydrofolate-homocysteine methyltransferase reductase (Mtrr), mRNA [NM_001039003]	6,859
Krtcap2	Rattus norvegicus keratinocyte associated protein 2 (Krtcap2), mRNA [NM_001106444]	6,859
Spsb3	Rattus norvegicus sPLA/ryanodine receptor domain and SOCS box containing 3 (Spsb3), mRNA [NM_001106988]	6,859
Dcbld2	Rattus norvegicus discoidin, CUB and LCCL domain containing 2 (Dcbld2), mRNA [NM_130419]	6,857
Akr1cl2	Rattus norvegicus aldo-keto reductase family 1, member C-like 2 (Akr1cl2), mRNA [NM_001008342]	6,856

Pnkp	Rattus norvegicus polynucleotide kinase 3'-phosphatase (Pnkp), mRNA [NM_001004259]	6,856
Dbr1	Rattus norvegicus debranching enzyme homolog 1 (<i>S. cerevisiae</i>) (Dbr1), mRNA [NM_001109437]	6,856
Ccdc23	Rattus norvegicus coiled-coil domain containing 23 (Ccdc23), transcript variant 1, mRNA [NM_001038994]	6,855
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFM9] [ENSRNOT00000064974]	6,853
Aldh2	Rattus norvegicus aldehyde dehydrogenase 2 family (mitochondrial) (Aldh2), nuclear gene encoding mitochondrial protein, mRNA [NM_032416]	6,853
Rbm12	Rattus norvegicus RNA binding motif protein 12 (Rbm12), mRNA [NM_001037657]	6,852
Dll3	Rattus norvegicus delta-like 3 (<i>Drosophila</i>) (Dll3), mRNA [NM_053666]	6,852
0	PREDICTED: Rattus norvegicus similar to double homeobox 4c (LOC680963), mRNA [XM_002725876]	6,852
Slc7a11	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 11 (Slc7a11), mRNA [NM_001107673]	6,851
0	Unknown	6,851
0	PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11, partial (36%) [TC604616]	6,850
Fundc2	Rattus norvegicus FUN14 domain containing 2 (Fundc2), mRNA [NM_001135757]	6,850
Abcb9	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 9 (Abcb9), mRNA [NM_022238]	6,850
Rgc32	Rattus norvegicus response gene to complement 32 (Rgc32), mRNA [NM_054008]	6,849
Anp32a	Rattus norvegicus acidic (leucine-rich) nuclear phosphoprotein 32 family, member A (Anp32a), mRNA [NM_012903]	6,849
Npdc1	Rattus norvegicus neural proliferation, differentiation and control, 1 (Npdc1), mRNA [NM_001004231]	6,849
0	Unknown	6,848
Olr1186	Rattus norvegicus olfactory receptor 1186 (Olr1186), mRNA [NM_001000862]	6,848
Olr1226	Rattus norvegicus olfactory receptor 1226 (Olr1226), mRNA [NM_001000442]	6,848
Tbc1d2b	Rattus norvegicus TBC1 domain family, member 2B (Tbc1d2b), mRNA [NM_001108175]	6,847
0	Unknown	6,846
0	Unknown	6,846
0	Unknown	6,846
N4bp3	Rattus norvegicus Nedd4 binding protein 3 (N4bp3), mRNA [NM_001033893]	6,845
Syt4	Rattus norvegicus synaptotagmin IV (Syt4), mRNA [NM_031693]	6,845
0	Unknown	6,845
Rptor	Rattus norvegicus regulatory associated protein of MTOR, complex 1 (Rptor), mRNA [NM_001134499]	6,845
Fbxw12	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A956] [ENSRNOT00000028113]	6,841
Adam9	Rattus norvegicus ADAM metallopeptidase domain 9 (meltrin gamma) (Adam9), mRNA [NM_001014772]	6,840
Stard10	Rattus norvegicus StAR-related lipid transfer (START) domain containing 10 (Stard10), mRNA [NM_001013069]	6,840
Slc25a19	Rattus norvegicus solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member 19 (Slc25a19), nuclear gene encoding mitochondrial protein, mRNA [NM_001007674]	6,840
RGD1308541	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFP6] [ENSRNOT00000031783]	6,839
Rit1	Rattus norvegicus Ras-like without CAAX 1 (Rit1), mRNA [NM_001109185]	6,838

Exoc5	Rattus norvegicus exocyst complex component 5 (Exoc5), mRNA [NM_022204]	6,837
Abca5	Rattus norvegicus ATP-binding cassette, subfamily A (ABC1), member 5 (Abca5), mRNA [NM_173307]	6,836
Rpl6	Rattus norvegicus ribosomal protein L6 (Rpl6), mRNA [NM_053971]	6,836
Il12rb2	Rattus norvegicus interleukin 12 receptor, beta 2 (Il12rb2), mRNA [NM_001191750]	6,835
Olr143	Rattus norvegicus olfactory receptor 143 (Olr143), mRNA [NM_001000163]	6,834
Nup153	Rattus norvegicus nucleoporin 153 (Nup153), mRNA [NM_001100470]	6,834
Sppl2b	Rattus norvegicus signal peptide peptidase-like 2B (Sppl2b), mRNA [NM_001014200]	6,833
Arpc1b	Rattus norvegicus actin related protein 2/3 complex, subunit 1B (Arpc1b), mRNA [NM_019289]	6,832
Mrpl50	Rattus norvegicus mitochondrial ribosomal protein L50 (Mrpl50), nuclear gene encoding mitochondrial protein, mRNA [NM_001108665]	6,831
0	DP13A_MOUSE (Q8K3H0) DCC-interacting protein 13 alpha (Dip13 alpha) (Adapter protein containing PH domain, PTB domain and leucine zipper motif 1), partial (54%) [TC594026]	6,831
Bnpl	Rattus norvegicus BCL2/adenovirus E1B 19kD interacting protein like (Bnpl), mRNA [NM_001128187]	6,830
0	Unknown	6,830
0	Protein FAM162A [Source:UniProtKB/Swiss-Prot;Acc:Q4QQV3] [ENSRNOT00000003069]	6,830
0	PREDICTED: Rattus norvegicus similar to Tle6 protein (RGD1561530), miscRNA [XR_009018]	6,830
Nosip	Rattus norvegicus nitric oxide synthase interacting protein (Nosip), mRNA [NM_001106260]	6,829
LOC500265	PREDICTED: Rattus norvegicus nucleoporin 50-like (LOC500265), miscRNA [XR_007267]	6,827
Neurl	Rattus norvegicus neuralized homolog (Drosophila) (Neurl), mRNA [NM_001107605]	6,827
0	Unknown	6,826
Amot	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ27] [ENSRNOT00000049482]	6,826
LOC500959	Rattus norvegicus triosephosphate isomerase (LOC500959), mRNA [NM_001033072]	6,825
0	Unknown	6,824
LOC690350	PREDICTED: Rattus norvegicus similar to LSM7 homolog, U6 small nuclear RNA associated (LOC690350), mRNA [XM_001074288]	6,822
Polr3g	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide G (Polr3g), mRNA [NM_001109468]	6,821
Vwa3a	Rattus norvegicus von Willebrand factor A domain containing 3A (Vwa3a), transcript variant 1, mRNA [NM_001198653]	6,821
Cldn4	Rattus norvegicus claudin 4 (Cldn4), mRNA [NM_001012022]	6,821
0	Unknown	6,820
Fkbp15	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR68] [ENSRNOT00000002083]	6,820
Rsrc1	Rattus norvegicus arginine/serine-rich coiled-coil 1 (Rsrc1), mRNA [NM_001014172]	6,818
Gdpd2	Rattus norvegicus glycerophosphodiester phosphodiesterase domain containing 2 (Gdpd2), mRNA [NM_001106944]	6,818
Lgmn	Rattus norvegicus legumain (Lgmn), mRNA [NM_022226]	6,818
0	Unknown	6,818
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ32] [ENSRNOT00000039210]	6,817

RGD1308930	PREDICTED: Rattus norvegicus similar to Protein phosphatase 1, regulatory subunit 3D (Protein phosphatase 1, regulatory subunit 6) (Protein phosphatase 1 binding subunit R6) (RGD1308930), mRNA [XM_002725247]	6,817
0	Unknown	6,817
Ruvbl2	Rattus norvegicus RuvB-like 2 (E. coli) (Ruvbl2), mRNA [NM_001025405]	6,816
Spata3	Rattus norvegicus spermatogenesis associated 3 (Spata3), mRNA [NM_001108805]	6,816
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBD2] [ENSRNOT00000040453]	6,813
Luc7l2	Rattus norvegicus LUC7-like 2 (S. cerevisiae) (Luc7l2), mRNA [NM_001107853]	6,811
Obfc1	Rattus norvegicus oligonucleotide/oligosaccharide-binding fold containing 1 (Obfc1), mRNA [NM_001011943]	6,811
0	Unknown	6,810
Prr16	Rattus norvegicus proline rich 16 (Prr16), mRNA [NM_001108432]	6,810
Megf10	Rattus norvegicus multiple EGF-like domains 10 (Megf10), mRNA [NM_001100657]	6,808
0	Unknown	6,807
Ep400	Rattus norvegicus E1A binding protein p400 (Ep400), mRNA [NM_001107149]	6,807
Acsm3	Rattus norvegicus acyl-CoA synthetase medium-chain family member 3 (Acsm3), mRNA [NM_033231]	6,806
0	Unknown	6,806
Dscr3	Rattus norvegicus Down syndrome critical region gene 3 (Dscr3), mRNA [NM_001108316]	6,806
RGD1560398	PREDICTED: Rattus norvegicus RGD1560398 (RGD1560398), mRNA [XM_001080358]	6,805
Ccl5	Rattus norvegicus chemokine (C-C motif) ligand 5 (Ccl5), mRNA [NM_031116]	6,804
Olr390	Rattus norvegicus olfactory receptor 390 (Olr390), mRNA [NM_001000558]	6,803
0	Unknown	6,802
Rilpl1	Rattus norvegicus Rab interacting lysosomal protein-like 1 (Rilpl1), mRNA [NM_001191665]	6,802
Mybl1	Rattus norvegicus myeloblastosis oncogene-like 1 (Mybl1), mRNA [NM_001106632]	6,801
0	PREDICTED: Rattus norvegicus similar to polymerase (RNA) II (DNA directed) polypeptide H (RGD1565904), mRNA [XM_001071711]	6,800
Mrgprg	Rattus norvegicus MAS-related GPR, member G (Mrgprg), mRNA [NM_203470]	6,800
Prodh	Rattus norvegicus proline dehydrogenase (Prodh), nuclear gene encoding mitochondrial protein, mRNA [NM_001135778]	6,800
Lgi1	Rattus norvegicus leucine-rich, glioma inactivated 1 (Lgi1), mRNA [NM_145769]	6,799
Igsf3	Rattus norvegicus immunoglobulin superfamily, member 3 (Igsf3), mRNA [NM_001106455]	6,799
Usp42	Rattus norvegicus ubiquitin specific peptidase 42 (Usp42), mRNA [NM_001105909]	6,798
0	Unknown	6,798
Trpc3	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 3 (Trpc3), mRNA [NM_021771]	6,798
0	Rattus norvegicus TL0ADA18YA08 mRNA sequence. [FQ222908]	6,797
Dock6	Rattus norvegicus dedicator of cytokinesis 6 (Dock6), mRNA [NM_001108997]	6,796
0	Unknown	6,796
0	Unknown	6,795

0	Unknown	6,794
0	Unknown	6,793
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRC6] [ENSRNOT00000050943]	6,792
Lsm7	Rattus norvegicus LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae) (Lsm7), mRNA [NM_001108732]	6,792
Tchp	Rattus norvegicus trichoplein, keratin filament binding (Tchp), mRNA [NM_001191666]	6,792
0	immunoglobulin superfamily member 3 [Source:RefSeq peptide;Acc:NP_001099925] [ENSRNOT00000035518]	6,791
Acbd5	Rattus norvegicus acyl-Coenzyme A binding domain containing 5 (Acbd5), mRNA [NM_001077635]	6,791
Col9a2	Rattus norvegicus collagen, type IX, alpha 2 (Col9a2), mRNA [NM_001108675]	6,790
Cyc1	Rattus norvegicus cytochrome c-1 (Cyc1), nuclear gene encoding mitochondrial protein, mRNA [NM_001130491]	6,790
RGD1563047	Rattus norvegicus similar to von Ebner minor salivary gland protein (RGD1563047), mRNA [NM_001077680]	6,789
Ppp1r1a	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 1A (Ppp1r1a), mRNA [NM_022676]	6,788
Olr1252	Rattus norvegicus olfactory receptor 1252 (Olr1252), mRNA [NM_001000454]	6,788
Nedd9	Rattus norvegicus neural precursor cell expressed, developmentally down-regulated 9 (Nedd9), mRNA [NM_001011922]	6,788
Eea1	Rattus norvegicus early endosome antigen 1 (Eea1), mRNA [NM_001108086]	6,787
0	Unknown	6,786
RGD1311899	Rattus norvegicus similar to RIKEN cDNA 2210016L21 gene (RGD1311899), mRNA [NM_001009630]	6,786
0	Unknown	6,786
Phgdh	Rattus norvegicus phosphoglycerate dehydrogenase (Phgdh), mRNA [NM_031620]	6,785
Klhl20	Rattus norvegicus kelch-like 20 (Drosophila) (Klhl20), mRNA [NM_001107192]	6,784
Fastkd3	Rattus norvegicus FAST kinase domains 3 (Fastkd3), mRNA [NM_001082574]	6,782
0	Unknown	6,781
Ltk	Rattus norvegicus leukocyte receptor tyrosine kinase (Ltk), mRNA [NM_001107763]	6,780
Znf641	Rattus norvegicus zinc finger protein 641 (Znf641), mRNA [NM_001106792]	6,779
0	Unknown	6,778
LOC690344	Rattus norvegicus similar to Protein UNQ655/PRO1286 homolog precursor (LOC690344), mRNA [NM_001168661]	6,777
LOC317456	Rattus norvegicus hypothetical LOC317456 (LOC317456), mRNA [NM_001047894]	6,777
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC299727), mRNA [XM_235039]	6,775
Slc35b1	Rattus norvegicus solute carrier family 35, member B1 (Slc35b1), mRNA [NM_199081]	6,775
0	Unknown	6,775
Zdhhc4	Rattus norvegicus zinc finger, DHHC-type containing 4 (Zdhhc4), mRNA [NM_001013123]	6,775
Tpte	Rattus norvegicus transmembrane phosphatase with tensin homology (Tpte), mRNA [NM_001108877]	6,774
RGD1359378	Rattus norvegicus mesenchymal stem cell protein DSCD75 (RGD1359378), mRNA [NM_001007658]	6,773
0	Unknown	6,773
Pik3ca	Rattus norvegicus phosphoinositide-3-kinase, catalytic, alpha polypeptide (Pik3ca), mRNA [NM_133399]	6,772

Vom1r6	Rattus norvegicus vomeronasal 1 receptor 6 (Vom1r6), mRNA [NM_001009512]	6,771
Aldh1a1	Rattus norvegicus aldehyde dehydrogenase 1 family, member A1 (Aldh1a1), mRNA [NM_022407]	6,771
Zfp329	Rattus norvegicus zinc finger protein 329 (Zfp329), mRNA [NM_001107477]	6,770
Tmem57	Rattus norvegicus transmembrane protein 57 (Tmem57), mRNA [NM_001025699]	6,770
St7l	Rattus norvegicus suppression of tumorigenicity 7-like (St7l), mRNA [NM_001007639]	6,768
Sec3l1	Rattus norvegicus SEC3-like 1 (S. cerevisiae) (Sec3l1), mRNA [NM_001024770]	6,768
Trabd	Rattus norvegicus TraB domain containing (Trabd), mRNA [NM_001106788]	6,767
Scx	Rattus norvegicus scleraxis (Scx), mRNA [NM_001130508]	6,767
Syt4	Rattus norvegicus synaptotagmin-like 4 (Syt4), mRNA [NM_080410]	6,765
Fam76b	Rattus norvegicus family with sequence similarity 76, member B (Fam76b), mRNA [NM_001108994]	6,765
Grin1a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (Grin1a), mRNA [NM_183402]	6,765
Rdh11	Rattus norvegicus retinol dehydrogenase 11 (all-trans/9-cis/11-cis) (Rdh11), mRNA [NM_001012193]	6,764
Lgi2	Rattus norvegicus leucine-rich repeat LGI family, member 2 (Lgi2), mRNA [NM_001107219]	6,763
Klhl11	Rattus norvegicus kelch-like 11 (Drosophila) (Klhl11), mRNA [NM_001105838]	6,762
0	Unknown	6,760
Krt83	Rattus norvegicus keratin 83 (Krt83), mRNA [NM_001101675]	6,759
Pex26	Rattus norvegicus peroxisomal biogenesis factor 26 (Pex26), mRNA [NM_001106618]	6,759
0	Unknown	6,759
Mrpl53	Rattus norvegicus mitochondrial ribosomal protein L53 (Mrpl53), nuclear gene encoding mitochondrial protein, mRNA [NM_001108635]	6,757
Pqbp1	Rattus norvegicus polyglutamine binding protein 1 (Pqbp1), mRNA [NM_001013957]	6,753
RGD1560065	Rattus norvegicus similar to RIKEN cDNA 2410004B18 (RGD1560065), mRNA [NM_001134616]	6,753
Wfdc2	Rattus norvegicus WAP four-disulfide core domain 2 (Wfdc2), mRNA [NM_173109]	6,753
Cyb5r4	Rattus norvegicus cytochrome b5 reductase 4 (Cyb5r4), mRNA [NM_133427]	6,753
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABX1] [ENSRNOT00000032406]	6,751
Klhl8	Rattus norvegicus kelch-like 8 (Drosophila) (Klhl8), mRNA [NM_001105995]	6,749
0	Unknown	6,749
Acsf3	Similar to C50H11.1, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUX7] [ENSRNOT00000020313]	6,748
Igtp	Rattus norvegicus interferon gamma induced GTPase (Igtp), mRNA [NM_001008765]	6,748
LOC317416	PREDICTED: Rattus norvegicus similar to inter alpha-trypsin inhibitor, heavy chain 4 (LOC317416), miscRNA [XR_006139]	6,748
Fgd4	Rattus norvegicus FYVE, RhoGEF and PH domain containing 4 (Fgd4), mRNA [NM_139263]	6,748
Actg2	Rattus norvegicus actin, gamma 2, smooth muscle, enteric (Actg2), mRNA [NM_012893]	6,747
0	Unknown	6,747
Pxdn	PREDICTED: Rattus norvegicus peroxidasin homolog (Drosophila) (Pxdn), partial mRNA [XM_001053103]	6,746
Vom2r56	Rattus norvegicus vomeronasal 2 receptor, 56 (Vom2r56), mRNA [NM_001099484]	6,745

Rragd	Rattus norvegicus Ras-related GTP binding D (Rragd), mRNA [NM_001106641]	6,744
0	Unknown	6,744
Ppfibp2	Rattus norvegicus PTPRF interacting protein, binding protein 2 (liprin beta 2) (Ppfibp2), mRNA [NM_001100582]	6,744
Orc6l	Rattus norvegicus origin recognition complex, subunit 6 like (yeast) (Orc6l), mRNA [NM_001033690]	6,743
Txndc15	Rattus norvegicus thioredoxin domain containing 15 (Txndc15), mRNA [NM_001024998]	6,743
Sipa1l2	Rattus norvegicus signal-induced proliferation-associated 1 like 2 (Sipa1l2), mRNA [NM_001009704]	6,743
Il2rb	Rattus norvegicus interleukin 2 receptor, beta (Il2rb), mRNA [NM_013195]	6,743
Map2k1ip1	Rattus norvegicus mitogen-activated protein kinase kinase 1 interacting protein 1 (Map2k1ip1), mRNA [NM_001008375]	6,743
RGD1564664	Rattus norvegicus similar to LOC387763 protein (RGD1564664), mRNA [NM_001110055]	6,742
Purb	Rattus norvegicus purine rich element binding protein B (Purb), mRNA [NM_001017503]	6,741
Pmpca	Rattus norvegicus peptidase (mitochondrial processing) alpha (Pmpca), nuclear gene encoding mitochondrial protein, mRNA [NM_001003673]	6,741
0	Unknown	6,739
Pkd1	PREDICTED: Rattus norvegicus polycystic kidney disease 1 homolog (human), transcript variant 2 (Pkd1), mRNA [XM_002727754]	6,739
Insig2	Insulin-induced gene 2 protein [Source:UniProtKB/Swiss-Prot;Acc:Q80UA9] [ENSRNOT00000003391]	6,738
Gldc	Rattus norvegicus glycine dehydrogenase (decarboxylating) (Gldc), nuclear gene encoding mitochondrial protein, mRNA [NM_001107583]	6,737
RGD1305592	Rattus norvegicus similar to RIKEN cDNA 2900092E17 (RGD1305592), mRNA [NM_001013901]	6,733
Gtf2f1	Rattus norvegicus general transcription factor IIF, polypeptide 1 (Gtf2f1), mRNA [NM_001007711]	6,733
Mov10	Rattus norvegicus Moloney leukemia virus 10 (Mov10), mRNA [NM_001107711]	6,732
Kcnma1	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M, alpha member 1 (Kcnma1), mRNA [NM_031828]	6,732
Setbp1	PREDICTED: Rattus norvegicus SET binding protein 1 (Setbp1), mRNA [XM_225744]	6,731
Sox14	Rattus norvegicus SRY (sex determining region Y)-box 14 (Sox14), mRNA [NM_001106850]	6,731
Ostbeta	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYJ2] [ENSRNOT00000042353]	6,731
0	Rattus norvegicus TL0ADA12YH10 mRNA sequence. [FQ223342]	6,730
Fam53b	Rattus norvegicus family with sequence similarity 53, member B (Fam53b), mRNA [NM_001107556]	6,729
LOC362901	Rattus norvegicus Ac1254 (LOC362901), mRNA [NM_001008877]	6,729
Rpgr	Rattus norvegicus retinitis pigmentosa GTPase regulator (Rpgr), mRNA [NM_001127601]	6,729
0	Unknown	6,729
0	Unknown	6,728
LOC685226	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9V3] [ENSRNOT00000045972]	6,727
RGD1563091	PREDICTED: Rattus norvegicus similar to OEF2 (RGD1563091), mRNA [XM_575365]	6,726
0	Unknown	6,725
RT1-CI	Rattus norvegicus RT1 class Ib, locus CI (RT1-CI), mRNA [NM_206848]	6,725
Ttc19	Rattus norvegicus tetratricopeptide repeat domain 19 (Ttc19), mRNA [NM_001109644]	6,724

Atp5j	Rattus norvegicus ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit F6 (Atp5j), nuclear gene encoding mitochondrial protein, mRNA [NM_053602]	6,723
Znf606	PREDICTED: Rattus norvegicus zinc finger protein 606 (Znf606), mRNA [XM_001063437]	6,722
Spag4	Rattus norvegicus sperm associated antigen 4 (Spag4), mRNA [NM_031792]	6,722
Nrcam	Rattus norvegicus neuronal cell adhesion molecule (Nrcam), mRNA [NM_013150]	6,720
Idh3g	Rattus norvegicus isocitrate dehydrogenase 3 (NAD), gamma (Idh3g), nuclear gene encoding mitochondrial protein, mRNA [NM_031551]	6,720
0	Unknown	6,720
Lrrc46	Rattus norvegicus leucine rich repeat containing 46 (Lrrc46), mRNA [NM_001004201]	6,719
0	Q264C8_MYCVN (Q264C8) Response regulator receiver:LytTr DNA-binding region, partial (9%) [TC583267]	6,719
Ndufa7	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a) (Ndufa7), nuclear gene encoding mitochondrial protein, mRNA [NM_001106772]	6,719
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYM6] [ENSRNOT00000057216]	6,718
Smad2	Rattus norvegicus SMAD family member 2 (Smad2), mRNA [NM_019191]	6,718
Slit3	Rattus norvegicus slit homolog 3 (Drosophila) (Slit3), mRNA [NM_031321]	6,718
Ncr1	Rattus norvegicus natural cytotoxicity triggering receptor 1 (Ncr1), mRNA [NM_057199]	6,717
Vps29	Rattus norvegicus vacuolar protein sorting 29 homolog (S. cerevisiae) (Vps29), mRNA [NM_001105932]	6,716
Ddx49	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 49 (Ddx49), mRNA [NM_001115023]	6,716
Hspa2	Rattus norvegicus heat shock protein 2 (Hspa2), mRNA [NM_021863]	6,715
Itm2c	Rattus norvegicus integral membrane protein 2C (Itm2c), mRNA [NM_001009674]	6,715
Wdr75	Rattus norvegicus WD repeat domain 75 (Wdr75), mRNA [NM_001047889]	6,714
Kank4	Rattus norvegicus KN motif and ankyrin repeat domains 4 (Kank4), mRNA [NM_001107947]	6,714
Slc30a10	Rattus norvegicus solute carrier family 30, member 10 (Slc30a10), mRNA [NM_001105985]	6,714
Nes	Rattus norvegicus nestin (Nes), mRNA [NM_012987]	6,713
LOC307974	Rattus norvegicus similar to dJ1016N21.1 (novel protein (ortholog of Drosophila Pecanex (PCX), similar to KIAA0805)) (LOC307974), mRNA [XM_226603]	6,713
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A2D0] [ENSRNOT00000043578]	6,713
Frmd4a	Rattus norvegicus FERM domain containing 4A (Frmd4a), mRNA [NM_001191821]	6,713
Slc35d1	Rattus norvegicus solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1 (Slc35d1), mRNA [NM_001106668]	6,712
Ccnjl	Rattus norvegicus cyclin J-like (Ccnjl), mRNA [NM_001037773]	6,711
Itgb1	Rattus norvegicus integrin, beta 1 (Itgb1), mRNA [NM_017022]	6,710
Gucy1b3	Rattus norvegicus guanylate cyclase 1, soluble, beta 3 (Gucy1b3), mRNA [NM_012769]	6,710
Hao1	Rattus norvegicus hydroxyacid oxidase (glycolate oxidase) 1 (Hao1), mRNA [NM_001107780]	6,709
Olr825	Rattus norvegicus olfactory receptor 825 (Olr825), mRNA [NM_001000904]	6,708

Fam114a2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC89] [ENSRNOT00000058619]	6,708
RGD1565972	Rattus norvegicus similar to hypothetical protein 4932411G14 (RGD1565972), mRNA [NM_001134606]	6,707
0	Unknown	6,707
Fdxacb1	Rattus norvegicus ferredoxin-fold anticodon binding domain containing 1 (Fdxacb1), mRNA [NM_001108145]	6,706
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDA4] [ENSRNOT00000065619]	6,705
Rnaset2	Rattus norvegicus ribonuclease T2 (Rnaset2), mRNA [NM_001106210]	6,705
Ss18	Rattus norvegicus synovial sarcoma translocation, Chromosome 18 (Ss18), mRNA [NM_001100900]	6,704
Kti12	Rattus norvegicus KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>) (Kti12), mRNA [NM_001044288]	6,703
Ahcy	Rattus norvegicus adenosylhomocysteinase (Ahcy), mRNA [NM_017201]	6,702
Amd1	Rattus norvegicus adenosylmethionine decarboxylase 1 (Amd1), mRNA [NM_031011]	6,702
Pcsk1	Rattus norvegicus proprotein convertase subtilisin/kexin type 1 (Pcsk1), mRNA [NM_017091]	6,702
Psip1	Rattus norvegicus PC4 and SFRS1 interacting protein 1 (Psip1), mRNA [NM_175765]	6,701
Zfp2	Rattus norvegicus zinc finger protein 2 (Zfp2), mRNA [NM_001127558]	6,701
Pirt	Rattus norvegicus phosphoinositide-interacting regulator of transient receptor potential channels (Pirt), mRNA [NM_001109032]	6,700
Aoc2	Rattus norvegicus amine oxidase, copper containing 2 (retina-specific) (Aoc2), non-coding RNA [NR_033180]	6,700
Serp2	Rattus norvegicus stress-associated endoplasmic reticulum protein family member 2 (Serp2), mRNA [NM_001109104]	6,700
Irx5	Rattus norvegicus iroquois homeobox 5 (Irx5), mRNA [NM_001030044]	6,700
Fam71d	Rattus norvegicus family with sequence similarity 71, member D (Fam71d), mRNA [NM_001017469]	6,699
RGD1311847	Rattus norvegicus similar to 1700030K09Rik protein (RGD1311847), mRNA [NM_001013879]	6,699
Cstf3	Rattus norvegicus cleavage stimulation factor, 3' pre-RNA, subunit 3 (Cstf3), mRNA [NM_001077672]	6,698
Trappc10	Rattus norvegicus trafficking protein particle complex 10 (Trappc10), mRNA [NM_001173528]	6,698
Chmp7	Rattus norvegicus CHMP family, member 7 (Chmp7), mRNA [NM_001108872]	6,698
Cdc37	Rattus norvegicus cell division cycle 37 homolog (<i>S. cerevisiae</i>) (Cdc37), mRNA [NM_053743]	6,697
Xpo6	Rattus norvegicus exportin 6 (Xpo6), mRNA [NM_001011935]	6,697
LOC686785	PREDICTED: Rattus norvegicus similar to N-acetyltransferase, homolog of <i>S. cerevisiae</i> ARD1 (LOC686785), miscRNA [XR_009033]	6,697
Nup98	Rattus norvegicus nucleoporin (Nup98) mRNA, complete cds. [L39991]	6,696
Mog	Rattus norvegicus myelin oligodendrocyte glycoprotein (Mog), mRNA [NM_022668]	6,695
Pou3f4	Rattus norvegicus POU class 3 homeobox 4 (Pou3f4), mRNA [NM_017252]	6,694
Senp3	Rattus norvegicus Sumo1/sentrin/SMT3 specific peptidase 3 (Senp3), mRNA [NM_001013116]	6,693
Snapap	Rattus norvegicus SNAP-associated protein (Snapap), transcript variant 2, mRNA [NM_001025648]	6,693
LOC684395	PREDICTED: Rattus norvegicus hypothetical protein LOC684395 (LOC684395), mRNA [XM_001070185]	6,692
RGD1305500	Rattus norvegicus similar to hypothetical protein FLJ13188 (RGD1305500), mRNA [NM_001107448]	6,692
Aipl1	Rattus norvegicus aryl hydrocarbon receptor-interacting protein-like 1 (Aipl1), mRNA [NM_021590]	6,690
St6gal2	AMGNNUC:NRHY4-00050-E9-AV W Rat hypothalamus (10464) Rattus norvegicus cDNA clone nrhy4-00050-e9, mRNA sequence [CB605923]	6,690

0	Unknown	6,689
Opalin	Rattus norvegicus oligodendrocytic myelin paranodal and inner loop protein (Opalin), mRNA [NM_001017386]	6,689
F2rl2	Rattus norvegicus coagulation factor II (thrombin) receptor-like 2 (F2rl2), mRNA [NM_053313]	6,688
Hadha	Rattus norvegicus hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit (Hadha), nuclear gene encoding mitochondrial protein, mRNA [NM_130826]	6,688
0	Unknown	6,688
Casr	Rattus norvegicus calcium-sensing receptor (Casr), mRNA [NM_016996]	6,686
Rev3l	Rattus norvegicus REV3-like, catalytic subunit of DNA polymerase zeta (yeast) (Rev3l), mRNA [NM_001083966]	6,685
Gpr98	PREDICTED: Rattus norvegicus G protein-coupled receptor 98 (Gpr98), mRNA [XM_002725894]	6,685
Arhgef15	Rattus norvegicus Rho guanine nucleotide exchange factor (GEF) 15 (Arhgef15), mRNA [NM_001105789]	6,684
LOC688778	PREDICTED: Rattus norvegicus similar to fatty aldehyde dehydrogenase-like (LOC688778), mRNA [XM_001068253]	6,684
Sult5a1	Rattus norvegicus sulfotransferase family 5A, member 1 (Sult5a1), transcript variant 2, mRNA [NM_001106194]	6,683
Mdfic	Rattus norvegicus MyoD family inhibitor domain containing (Mdfic), mRNA [NM_001105668]	6,683
Abcb8	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 8 (Abcb8), nuclear gene encoding mitochondrial protein, mRNA [NM_001007796]	6,682
0	Unknown	6,682
Cd81	Rattus norvegicus Cd81 molecule (Cd81), mRNA [NM_013087]	6,680
LOC500684	Rattus norvegicus hypothetical protein LOC500684 (LOC500684), mRNA [NM_001047959]	6,680
Grid2	Rattus norvegicus glutamate receptor, ionotropic, delta 2 (Grid2), mRNA [NM_024379]	6,679
0	Unknown	6,679
0	Core histone macro-H2A.1 [Source:UniProtKB/Swiss-Prot;Acc:Q02874] [ENSRNOT00000015632]	6,678
0	Unknown	6,677
LOC686041	Rattus norvegicus cDNA clone IMAGE:6889638, partial cds. [BC059164]	6,677
Cldnd2	Rattus norvegicus claudin domain containing 2 (Cldnd2), mRNA [NM_001109143]	6,676
Plekho2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9K4] [ENSRNOT00000042633]	6,675
Acpp	Rattus norvegicus acid phosphatase, prostate (Acpp), transcript variant 1, mRNA [NM_001134901]	6,673
Abcc5	Rattus norvegicus ATP-binding cassette, subfamily C (CFTR/MRP), member 5 (Abcc5), mRNA [NM_053924]	6,673
0	Z20D2_MOUSE (O88878) Zinc finger A20 domain-containing protein 2 (Zinc finger protein 216), complete [TC586066]	6,671
RGD1563120	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 2210009G21 (RGD1563120), mRNA [XM_001081289]	6,671
Znf286a	Rattus norvegicus zinc finger protein 286A (Znf286a), mRNA [NM_001191921]	6,670
Amz2	Rattus norvegicus archaelysin family metallopeptidase 2 (Amz2), mRNA [NM_001014121]	6,669
Btaf1	Rattus norvegicus BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, (Mot1 homolog, S. cerevisiae) (Btaf1), mRNA [NM_001191917]	6,669
0	Unknown	6,666

Nxph1	Rattus norvegicus neurexophilin 1 (Nxph1), mRNA [NM_012994]	6,665
Fars2	Rattus norvegicus phenylalanyl-tRNA synthetase 2, mitochondrial (Fars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001013139]	6,665
Cd99	Rattus norvegicus CD99 antigen (Cd99), mRNA [NM_001100804]	6,664
Ehmt2	Rattus norvegicus euchromatic histone lysine N-methyltransferase 2 (Ehmt2), mRNA [NM_212463]	6,664
Gins1	Rattus norvegicus GINS complex subunit 1 (Psf1 homolog) (Gins1), mRNA [NM_001109207]	6,663
Ebf2	Rattus norvegicus early B-cell factor 2 (Ebf2), mRNA [NM_001108383]	6,663
Fam19a2	Unknown	6,661
0	Unknown	6,661
0	Unknown	6,659
0	Unknown	6,658
Zbed4	Rattus norvegicus zinc finger, BED-type containing 4 (Zbed4), mRNA [NM_001134800]	6,657
B3galt4	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4 (B3galt4), mRNA [NM_133553]	6,657
Spopl	Rattus norvegicus speckle-type POZ protein-like (Spopl), mRNA [NM_001134447]	6,657
RGD1309077	Rattus norvegicus similar to putative RNA methyltransferase (RGD1309077), mRNA [NM_001108282]	6,655
Trim23	Rattus norvegicus tripartite motif-containing 23 (Trim23), mRNA [NM_001100637]	6,655
Sp7	Rattus norvegicus Sp7 transcription factor (Sp7), transcript variant 1, mRNA [NM_001037632]	6,654
Man2a2	Rattus norvegicus mannosidase 2, alpha 2 (Man2a2), mRNA [NM_001107527]	6,654
Mrpl34	Rattus norvegicus mitochondrial ribosomal protein L34 (Mrpl34), nuclear gene encoding mitochondrial protein, mRNA [NM_001006965]	6,654
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF29] [ENSRNOT00000012203]	6,653
0	AGENCOURT_28718588 NIH_MGC_249 Rattus norvegicus cDNA clone IMAGE:7378234 5', mRNA sequence [CO802318]	6,653
0	Unknown	6,653
LOC685240	PREDICTED: Rattus norvegicus similar to High mobility group protein 1 (HMG-1) (High mobility group protein B1) (Amphoterin) (Heparin-binding protein p30) (LOC685240), miscRNA [XR_085878]	6,652
Zbtb7b	Rattus norvegicus zinc finger and BTB domain containing 7B (Zbtb7b), mRNA [NM_001106446]	6,652
0	Unknown	6,651
Slc9a3	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 3 (Slc9a3), mRNA [NM_012654]	6,649
Apba3	Rattus norvegicus amyloid beta (A4) precursor protein-binding, family A, member 3 (Apba3), mRNA [NM_031781]	6,649
Nr0b1	Rattus norvegicus nuclear receptor subfamily 0, group B, member 1 (Nr0b1), mRNA [NM_053317]	6,649
Fam71a	Rattus norvegicus family with sequence similarity 71, member A (Fam71a), mRNA [NM_001109084]	6,649
Znf521	Rattus norvegicus zinc finger protein 521 (Znf521), mRNA [NM_001107403]	6,647
Epha5	Rattus norvegicus EphA5 (Epha5), transcript variant 2, mRNA [NM_024367]	6,647
Lpcat3	Rattus norvegicus lysophosphatidylcholine acyltransferase 3 (Lpcat3), mRNA [NM_001012189]	6,647
Shd	Rattus norvegicus src homology 2 domain-containing transforming protein D (Shd), mRNA [NM_001108223]	6,646
0	Unknown	6,646

LOC361963	PREDICTED: Rattus norvegicus similar to phosphoglycerate mutase (EC 5.4.2.1) B chain - rat (LOC361963), miscRNA [XR_086660]	6,644
Cited4	Rattus norvegicus Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4 (Cited4), mRNA [NM_053699]	6,644
0	Unknown	6,644
Agrp	Rattus norvegicus agouti related protein homolog (mouse) (Agrp), mRNA [NM_033650]	6,643
Timm23	Rattus norvegicus translocase of inner mitochondrial membrane 23 homolog (yeast) (Timm23), nuclear gene encoding mitochondrial protein, mRNA [NM_019352]	6,643
Zbtb37	Rattus norvegicus zinc finger and BTB domain containing 37 (Zbtb37), mRNA [NM_001107191]	6,641
Gripap1	Rattus norvegicus GRIP1 associated protein 1 (Gripap1), mRNA [NM_053807]	6,640
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0B5] [ENSRNOT00000064837]	6,640
Mrpl23	Rattus norvegicus mitochondrial ribosomal protein L23 (Mrpl23), nuclear gene encoding mitochondrial protein, mRNA [NM_022529]	6,640
Bace2	Rattus norvegicus beta-site APP-cleaving enzyme 2 (Bace2), mRNA [NM_001002802]	6,640
LOC100362727	PREDICTED: Rattus norvegicus ubiquitin carboxyl-terminal hydrolase CYLD (LOC100362727), mRNA [XM_002728578]	6,639
Acaa2	Rattus norvegicus acetyl-Coenzyme A acyltransferase 2 (Acaa2), nuclear gene encoding mitochondrial protein, mRNA [NM_130433]	6,638
Zgpat	Rattus norvegicus zinc finger, CCCH-type with G patch domain (Zgpat), mRNA [NM_001009656]	6,638
Ric3	Rattus norvegicus resistance to inhibitors of cholinesterase 3 homolog (C. elegans) (Ric3), mRNA [NM_001115045]	6,638
Ftsj1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZA1] [ENSRNOT00000006365]	6,638
0	Thyroid hormone receptor associated protein 2 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJC6] [ENSRNOT00000042331]	6,637
Dnajc11	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 11 (Dnajc11), mRNA [NM_001108694]	6,636
Lrrc16b	Leucine-rich repeat-containing protein 16B [Source:UniProtKB/Swiss-Prot;Acc:Q5XHY1] [ENSRNOT00000032252]	6,636
Usp24	Putative uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:Q4G007] [ENSRNOT00000029228]	6,635
Phf7	Rattus norvegicus PHD finger protein 7 (Phf7), mRNA [NM_001012211]	6,635
Oas2	Rattus norvegicus 2'-5' oligoadenylate synthetase 2 (Oas2), mRNA [NM_001009715]	6,635
Adam11	Rattus norvegicus ADAM metallopeptidase domain 11 (Adam11), mRNA [NM_001108300]	6,635
Dap3	Rattus norvegicus death associated protein 3 (Dap3), nuclear gene encoding mitochondrial protein, mRNA [NM_001011950]	6,635
LOC681367	PREDICTED: Rattus norvegicus hypothetical protein LOC681367 (LOC681367), mRNA [XM_001061427]	6,634
0	Unknown	6,633
S100a1	Rattus norvegicus S100 calcium binding protein A1 (S100a1), mRNA [NM_001007636]	6,633
Anubl1	Rattus norvegicus AN1, ubiquitin-like, homolog (Xenopus laevis) (Anubl1), mRNA [NM_173332]	6,633
Usp28	Rattus norvegicus ubiquitin specific peptidase 28 (Usp28), mRNA [NM_001108144]	6,633
Upp1	Rattus norvegicus uridine phosphorylase 1 (Upp1), mRNA [NM_001030025]	6,633
Fhl4	Rattus norvegicus four and a half LIM domains 4 (Fhl4), mRNA [NM_001013172]	6,632
Zdhhc7	Rattus norvegicus zinc finger, DHHC-type containing 7 (Zdhhc7), mRNA [NM_133394]	6,632
0	Unknown	6,632

Epn3	Rattus norvegicus epsin 3 (Epn3), mRNA [NM_001024791]	6,632
Giot1	Rattus norvegicus gonadotropin inducible ovarian transcription factor 1 (Giot1), mRNA [NM_133563]	6,631
RGD1305178	Rattus norvegicus similar to Hypothetical protein MGC11690 (RGD1305178), mRNA [NM_001025003]	6,630
Heatr5a	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKL2] [ENSRNOT00000035309]	6,629
0	Unknown	6,629
Zadh2	Rattus norvegicus zinc binding alcohol dehydrogenase, domain containing 2 (Zadh2), mRNA [NM_001106129]	6,629
Casp3	Rattus norvegicus caspase 3 (Casp3), mRNA [NM_012922]	6,628
Ns5atp4	Rattus norvegicus NS5A (hepatitis C virus) transactivated protein 4 (Ns5atp4), mRNA [NM_207607]	6,625
RGD1564927	Rattus norvegicus similar to TGFB-induced factor 2 (RGD1564927), mRNA [NM_001134983]	6,624
0	DDX27_MOUSE (Q921N6) Probable ATP-dependent RNA helicase DDX27 (DEAD box protein 27) , partial (74%) [TC616929]	6,624
Pcdhga10	Rattus norvegicus protocadherin gamma subfamily A, 10 (Pcdhga10), mRNA [NM_001037135]	6,624
0	Unknown	6,623
Ccdc76	Rattus norvegicus coiled-coil domain containing 76 (Ccdc76), mRNA [NM_001033902]	6,622
Cd6	Rattus norvegicus Cd6 molecule (Cd6), mRNA [NM_175577]	6,622
Atp8b3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE62] [ENSRNOT00000039813]	6,621
L3mbtl	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6H6] [ENSRNOT00000045677]	6,620
Uba52	Rattus norvegicus ubiquitin A-52 residue ribosomal protein fusion product 1 (Uba52), mRNA [NM_031687]	6,619
RGD1305627	Rattus norvegicus hypothetical LOC314467 (RGD1305627), mRNA [NM_001134560]	6,618
Exnef	Rattus norvegicus exonuclease NEF-sp (Exnef), mRNA [NM_001079706]	6,618
LOC687426	PREDICTED: Rattus norvegicus similar to G protein-coupled receptor 133 (LOC687426), miscRNA [XR_085591]	6,617
0	Unknown	6,617
RGD1311501	Rattus norvegicus similar to chromosome 9 open reading frame 7 (RGD1311501), mRNA [NM_001106561]	6,617
lqcb1	Rattus norvegicus IQ motif containing B1 (lqcb1), mRNA [NM_001107092]	6,616
Odz2	Rattus norvegicus odz, odd Oz/ten-m homolog 2 (Drosophila) (Odz2), mRNA [NM_020088]	6,615
0	Unknown	6,613
Slc1a6	Rattus norvegicus solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6 (Slc1a6), mRNA [NM_032065]	6,612
Mcpt114	Mast cell protease 1-like 4 [Source:UniProtKB/TrEMBL;Acc:Q6IE57] [ENSRNOT00000043182]	6,612
Evx2	PREDICTED: Rattus norvegicus even skipped homeotic gene 2 (Evx2), mRNA [XM_001063297]	6,612
Btbd12	PREDICTED: Rattus norvegicus BTB (POZ) domain containing 12 (Btbd12), mRNA [XM_001079342]	6,612
Pogk	Rattus norvegicus pogo transposable element with KRAB domain (Pogk), mRNA [NM_001107194]	6,611
Pebp1	Rattus norvegicus phosphatidylethanolamine binding protein 1 (Pebp1), mRNA [NM_017236]	6,611
Gdi2	Rattus norvegicus GDP dissociation inhibitor 2 (Gdi2), mRNA [NM_017276]	6,610
Magmas	Rattus norvegicus mitochondria-associated protein involved in granulocyte-macrophage colony-stimulating factor signal transduction (Magmas), nuclear gene encoding mitochondrial protein, mRNA [NM_001100136]	6,608

0	WSP1_SCHPO (O36027) Wiskott-Aldrich syndrome homolog protein 1, partial (5%) [TC645988]	6,607
Scarf1	Rattus norvegicus scavenger receptor class F, member 1 (Scarf1), mRNA [NM_001107022]	6,606
Cyfp1	Rattus norvegicus cytoplasmic FMR1 interacting protein 1 (Cyfp1), mRNA [NM_001107517]	6,606
Smpd2	Rattus norvegicus sphingomyelin phosphodiesterase 2, neutral membrane (Smpd2), mRNA [NM_031360]	6,605
LOC100362172	LRRGT00112-like (LOC100362172), mRNA [Source:RefSeq DNA;Acc:NM_001177820] [ENSRNOT00000043267]	6,605
Smox	Rattus norvegicus spermine oxidase (Smox), mRNA [NM_001134854]	6,603
Senp2	Rattus norvegicus Sumo1/sentrin/SMT3 specific peptidase 2 (Senp2), mRNA [NM_023989]	6,601
Srpx2	Rattus norvegicus sushi-repeat-containing protein, X-linked 2 (Srpx2), mRNA [NM_001108243]	6,601
Mpn2	PREDICTED: Rattus norvegicus marapsin 2 (Mpn2), mRNA [XM_001077024]	6,601
Hbb-b1	Rattus norvegicus hemoglobin, beta adult major chain (Hbb-b1), mRNA [NM_198776]	6,600
0	Rattus norvegicus similar to 25kDa nuclear protein (LOC301683), mRNA [XM_237488]	6,598
LOC502684	Rattus norvegicus hypothetical protein LOC502684 (LOC502684), mRNA [NM_001025060]	6,597
Mut	PREDICTED: Rattus norvegicus methylmalonyl-Coenzyme A mutase (Mut), mRNA [XM_001067239]	6,596
Kcnq5l	Potassium voltage-gated channel KQT-like subfamily member 5 [Source:UniProtKB/TrEMBL;Acc:Q8K3W7] [ENSRNOT00000040034]	6,595
Cys1	Rattus norvegicus cystin 1 (Cys1), mRNA [NM_001109597]	6,594
0	Unknown	6,593
Krtap16-5	Rattus norvegicus keratin associated protein 16-5 (Krtap16-5), mRNA [NM_001109424]	6,593
Olr801	Rattus norvegicus olfactory receptor 801 (Olr801), mRNA [NM_001001004]	6,591
Spag9	Rattus norvegicus sperm associated antigen 9 (Spag9), mRNA [NM_001108290]	6,591
Styx11	Rattus norvegicus serine/threonine/tyrosine interacting-like 1 (Styx11), mRNA [NM_001037788]	6,588
Trem11	Rattus norvegicus triggering receptor expressed on myeloid cells-like 1 (Trem11), mRNA [NM_001192001]	6,587
Odf3	Rattus norvegicus outer dense fiber of sperm tails 3 (Odf3), mRNA [NM_001108924]	6,587
RGD1564327	Rattus norvegicus similar to integrin alpha 8 (RGD1564327), mRNA [NM_001173972]	6,587
Tcerg1	Rattus norvegicus transcription elongation regulator 1 (Tcerg1), mRNA [NM_001107390]	6,586
0	Unknown	6,586
Miip	Rattus norvegicus migration and invasion inhibitory protein (Miip), mRNA [NM_001017450]	6,583
ltpkb	Rattus norvegicus inositol 1,4,5-trisphosphate 3-kinase B (ltpkb), mRNA [NM_019312]	6,583
RGD1565225	PREDICTED: Rattus norvegicus similar to Interferon alpha-1 precursor (RGD1565225), mRNA [XM_575856]	6,580
Ccpg1	Rattus norvegicus cell cycle progression 1 (Ccpg1), mRNA [NM_001108770]	6,579
Ptpn4	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 4 (Ptpn4), mRNA [NM_001100479]	6,579
H1f0	Rattus norvegicus H1 histone family, member 0 (H1f0), mRNA [NM_012578]	6,577
Trpc1	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 1 (Trpc1), mRNA [NM_053558]	6,576
Tmprss5	Rattus norvegicus transmembrane protease, serine 5 (Tmprss5), mRNA [NM_153311]	6,576
Kcnh2	Rattus norvegicus potassium voltage-gated channel, subfamily H (eag-related), member 2 (Kcnh2), mRNA [NM_053949]	6,575

LOC685152	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLY4] [ENSRNOT00000028246]	6,575
Pcsk6	Rattus norvegicus proprotein convertase subtilisin/kexin type 6 (Pcsk6), mRNA [NM_012999]	6,574
Hspb7	Rattus norvegicus heat shock protein family, member 7 (cardiovascular) (Hspb7), mRNA [NM_031607]	6,573
0	serine/threonine-protein kinase PINK1, mitochondrial [Source:RefSeq peptide;Acc:NP_001100164] [ENSRNOT00000020820]	6,572
Ptdss1	Rattus norvegicus phosphatidylserine synthase 1 (Ptdss1), mRNA [NM_001012113]	6,571
Thumpd2	Rattus norvegicus THUMP domain containing 2 (Thumpd2), transcript variant 2, mRNA [NM_001012108]	6,571
0	Unknown	6,569
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZN76] [ENSRNOT00000026111]	6,568
0	Succinate-semialdehyde dehydrogenase, mitochondrial [Source:UniProtKB/Swiss-Prot;Acc:P51650] [ENSRNOT00000050919]	6,568
0	PREDICTED: Rattus norvegicus similar to hypothetical protein 4930509O22 (RGD1566007), mRNA [XM_346086]	6,564
Ube2v2	Rattus norvegicus ubiquitin-conjugating enzyme E2 variant 2 (Ube2v2), mRNA [NM_183052]	6,563
Rnaseh2a	Rattus norvegicus ribonuclease H2, subunit A (Rnaseh2a), mRNA [NM_001013234]	6,563
Bnip3	Rattus norvegicus BCL2/adenovirus E1B interacting protein 3 (Bnip3), nuclear gene encoding mitochondrial protein, mRNA [NM_053420]	6,562
Mrpl36	Rattus norvegicus mitochondrial ribosomal protein L36 (Mrpl36), nuclear gene encoding mitochondrial protein, mRNA [NM_001108879]	6,562
Rlim	Rattus norvegicus ring finger protein, LIM domain interacting (Rlim), mRNA [NM_001024892]	6,562
Usp3	Rattus norvegicus ubiquitin specific peptidase 3 (Usp3), mRNA [NM_001025424]	6,562
Limk2	Rattus norvegicus LIM domain kinase 2 (Limk2), mRNA [NM_024135]	6,559
0	Unknown	6,559
Lcn10	Rattus norvegicus lipocalin 10 (Lcn10), mRNA [NM_001128137]	6,559
Pold1	Rattus norvegicus polymerase (DNA directed), delta 1, catalytic subunit (Pold1), mRNA [NM_021662]	6,558
Vom1r12	Rattus norvegicus vomeronasal 1 receptor 12 (Vom1r12), mRNA [NM_001008962]	6,558
0	Unknown	6,557
Aloxe3	Rattus norvegicus arachidonate lipoxygenase 3 (Aloxe3), mRNA [NM_001105793]	6,555
0	Unknown	6,555
Tardbp	Rattus norvegicus TAR DNA binding protein (Tardbp), mRNA [NM_001011979]	6,555
0	Unknown	6,555
Fig4	Rattus norvegicus FIG4 homolog (S. cerevisiae) (Fig4), mRNA [NM_001047096]	6,554
RGD1562161	Rattus norvegicus similar to chromosome X open reading frame 23 (RGD1562161), mRNA [NM_001127568]	6,554
Rfwd2	Rattus norvegicus ring finger and WD repeat domain 2 (Rfwd2), mRNA [NM_001025126]	6,552
Cr1l	Rattus norvegicus complement component (3b/4b) receptor 1-like (Cr1l), transcript variant 1, mRNA [NM_001005330]	6,552
Sec23ip	Rattus norvegicus SEC23 interacting protein (Sec23ip), mRNA [NM_001134859]	6,552
Ltb	Rattus norvegicus lymphotoxin beta (TNF superfamily, member 3) (Ltb), mRNA [NM_212507]	6,551
Zfp277	PREDICTED: Rattus norvegicus similar to zinc finger protein 277 isoform 1 (LOC298977), mRNA [XM_216701]	6,550
0	Unknown	6,550

Kif27	Rattus norvegicus kinesin family member 27 (Kif27), mRNA [NM_198050]	6,549
Kcnf1	Rattus norvegicus potassium voltage-gated channel, subfamily F, member 1 (Kcnf1), mRNA [NM_001169104]	6,549
Rpl39	Rattus norvegicus ribosomal protein L39 (Rpl39), mRNA [NM_012875]	6,548
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ52] [ENSRNOT00000006574]	6,547
Dusp23	dual specificity protein phosphatase 23 [Source:RefSeq peptide;Acc:NP_001178759] [ENSRNOT00000030449]	6,546
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE35] [ENSRNOT00000027967]	6,546
0	Unknown	6,545
Gsto1	Rattus norvegicus glutathione S-transferase omega 1 (Gsto1), mRNA [NM_001007602]	6,544
0	Rattus norvegicus similar to 40S ribosomal protein S7 (S8) (LOC289932), mRNA [XM_223834]	6,544
Zfp324	RCG27445Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZB44] [ENSRNOT00000036874]	6,543
Cit	Rattus norvegicus citron (Cit), mRNA [NM_001029911]	6,543
LOC684903	PREDICTED: Rattus norvegicus similar to Probable ATP-dependent RNA helicase DHX34 (DEAH box protein 34), transcript variant 2 (LOC684903), mRNA [XM_001062397]	6,543
Glt8d3	Rattus norvegicus glycosyltransferase 8 domain containing 3 (Glt8d3), mRNA [NM_001100887]	6,542
Cpsf4	Rattus norvegicus cleavage and polyadenylation specific factor 4 (Cpsf4), mRNA [NM_001012351]	6,541
0	Unknown	6,540
Kcnn1	Rattus norvegicus potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1 (Kcnn1), mRNA [NM_019313]	6,538
RGD1559841	PREDICTED: Rattus norvegicus similar to expressed sequence AW413431 (RGD1559841), mRNA [XM_002725411]	6,536
Lmo7	Rattus norvegicus LIM domain 7 (Lmo7), mRNA [NM_001001515]	6,536
Copb1	Rattus norvegicus coatomer protein complex, subunit beta 1 (Copb1), mRNA [NM_080781]	6,536
Acot1	Rattus norvegicus acyl-CoA thioesterase 1 (Acot1), mRNA [NM_031315]	6,536
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZA88] [ENSRNOT00000055210]	6,536
0	AGENCOURT_31532477 NIH_MGC_238 Rattus norvegicus cDNA clone IMAGE:7456410 5', mRNA sequence [CV119824]	6,535
Car8	Rattus norvegicus carbonic anhydrase 8 (Car8), mRNA [NM_001009662]	6,532
Cc2d1a	Rattus norvegicus coiled-coil and C2 domain containing 1A (Cc2d1a), mRNA [NM_001013869]	6,532
0	Unknown	6,532
Igfbp2	Rattus norvegicus insulin-like growth factor binding protein 2 (Igfbp2), mRNA [NM_013122]	6,531
Dnajc14	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 14 (Dnajc14), mRNA [NM_053690]	6,531
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9Q0] [ENSRNOT00000029274]	6,531
LOC691414	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAB4] [ENSRNOT00000045621]	6,530
Tmprss11e	PREDICTED: Rattus norvegicus transmembrane protease, serine 11e (Tmprss11e), mRNA [XM_001074738]	6,530
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCM1] [ENSRNOT00000024516]	6,529
Schip1	Rattus norvegicus schwannomin interacting protein 1 (Schip1), mRNA [NM_001100666]	6,529
Dhx36	Rattus norvegicus DEAH (Asp-Glu-Ala-His) box polypeptide 36 (Dhx36), mRNA [NM_001107678]	6,528

Ttl1	Rattus norvegicus tubulin tyrosine ligase-like family, member 1 (Ttl1), mRNA [NM_001012200]	6,527
0	Q9QXT9_MOUSE (Q9QXT9) KID2 (Zinc finger protein 354B), partial (12%) [TC642135]	6,527
Arfgef2	Rattus norvegicus ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited) (Arfgef2), mRNA [NM_181083]	6,526
Avpr2	Rattus norvegicus arginine vasopressin receptor 2 (Avpr2), mRNA [NM_019136]	6,526
Mier1	Rattus norvegicus mesoderm induction early response 1 homolog (Xenopus laevis) (Mier1), mRNA [NM_001131012]	6,526
RGD1563349	Rattus norvegicus similar to RIKEN cDNA 9330182L06 (RGD1563349), mRNA [NM_001109345]	6,525
0	Unknown	6,524
Lefty2	Rattus norvegicus Left-right determination factor 2 (Lefty2), mRNA [NM_001007556]	6,523
Ube2g2	Rattus norvegicus ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast) (Ube2g2), mRNA [NM_001106380]	6,523
Loxhd1	Rattus norvegicus lipoxygenase homology domains 1 (Loxhd1), mRNA [NM_001106132]	6,522
Pard6g	Rattus norvegicus par-6 partitioning defective 6 homolog gamma (C. elegans) (Pard6g), mRNA [NM_001100973]	6,522
Atg16l1	Rattus norvegicus ATG16 autophagy related 16-like 1 (S. cerevisiae) (Atg16l1), mRNA [NM_001108809]	6,522
Rpl10	Rattus norvegicus ribosomal protein L10 (Rpl10), mRNA [NM_031100]	6,521
Tex28	Rattus norvegicus testis expressed 28 (Tex28), mRNA [NM_001191103]	6,521
Elp2	Rattus norvegicus elongation protein 2 homolog (S. cerevisiae) (Elp2), mRNA [NM_001034145]	6,521
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHR9] [ENSRNOT00000056217]	6,520
0	PREDICTED: Rattus norvegicus similar to Dedicator of cytokinesis protein 10 (Protein zizimin 3) (RGD1561963), miscRNA [XR_085916]	6,520
Nfe2l2	Rattus norvegicus nuclear factor, erythroid derived 2, like 2 (Nfe2l2), mRNA [NM_031789]	6,519
RGD1308049	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT97] [ENSRNOT00000028509]	6,519
0	Unknown	6,518
0	Q8R4G5_MOUSE (Q8R4G5) Truncated N-acetylglucosaminyltransferase V, partial (35%) [TC588091]	6,518
0	Rattus norvegicus similar to endo B cytokeratin (LOC315493), mRNA [XM_235966]	6,517
Hddc3	Rattus norvegicus HD domain containing 3 (Hddc3), mRNA [NM_001107528]	6,516
0	Unknown	6,515
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZW60] [ENSRNOT00000005861]	6,514
0	Q3VJI6_9CHLB (Q3VJI6) Helix-turn-helix, Fis-type, partial (5%) [TC623116]	6,513
Nagk	Rattus norvegicus N-acetylglucosamine kinase (Nagk), mRNA [NM_001037768]	6,513
Tmem103	Rattus norvegicus transmembrane protein 103 (Tmem103), mRNA [NM_001108782]	6,512
Ryr2	Rattus norvegicus ryanodine receptor 2, cardiac (Ryr2), transcript variant 2, mRNA [NM_001191043]	6,512
Mustn1	Rattus norvegicus musculoskeletal, embryonic nuclear protein 1 (Mustn1), mRNA [NM_181368]	6,511
Slc6a15	Rattus norvegicus solute carrier family 6 (neutral amino acid transporter), member 15 (Slc6a15), mRNA [NM_172321]	6,510
Gucy1a3	Rattus norvegicus guanylate cyclase 1, soluble, alpha 3 (Gucy1a3), mRNA [NM_017090]	6,510
Egln1	Egl nine homolog 1 [Source:UniProtKB/Swiss-Prot;Acc:P59722] [ENSRNOT00000026767]	6,510
Sri	Rattus norvegicus sorcin (Sri), mRNA [NM_001128190]	6,509

Dqx1	Rattus norvegicus DEAQ box RNA-dependent ATPase 1 (Dqx1), mRNA [NM_001109407]	6,509
LOC682419	PREDICTED: Rattus norvegicus similar to putative pheromone receptor (Go-VN4) (LOC682419), partial mRNA [XM_001061453]	6,509
0	Unknown	6,508
Pafah2	Rattus norvegicus platelet-activating factor acetylhydrolase 2 (Pafah2), mRNA [NM_177932]	6,507
Lmo7	Rattus norvegicus LIM domain 7 (Lmo7), mRNA [NM_001001515]	6,507
Ccdc8	Rattus norvegicus coiled-coil domain containing 8 (Ccdc8), mRNA [NM_001009533]	6,506
Slc27a5	Rattus norvegicus solute carrier family 27 (fatty acid transporter), member 5 (Slc27a5), mRNA [NM_024143]	6,505
Vps41	Rattus norvegicus vacuolar protein sorting 41 homolog (S. cerevisiae) (Vps41), mRNA [NM_001107355]	6,503
0	Unknown	6,503
Cpne2	PREDICTED: Rattus norvegicus copine II (Cpne2), mRNA [XM_001062196]	6,503
RGD1306192	Rattus norvegicus similar to RIKEN cDNA 2310079N02 (RGD1306192), mRNA [NM_001134573]	6,502
Ncrna00117	Rattus norvegicus non-protein coding RNA 117 (Ncrna00117), mRNA [NM_001106022]	6,501
0	Unknown	6,501
Dab2	Rattus norvegicus disabled homolog 2 (Drosophila) (Dab2), mRNA [NM_024159]	6,500
0	Unknown	6,498
T2	Rattus norvegicus brachyury 2 (T2), mRNA [NM_001161835]	6,497
Ppp1cc	Rattus norvegicus protein phosphatase 1, catalytic subunit, gamma isoform (Ppp1cc), mRNA [NM_022498]	6,497
Fxr1	Rattus norvegicus fragile X mental retardation, autosomal homolog 1 (Fxr1), mRNA [NM_001012179]	6,497
LOC689927	Rattus norvegicus similar to keratin associated protein 10-10 (LOC689927), mRNA [NM_001109555]	6,495
LOC100365943	PREDICTED: Rattus norvegicus proteasome subunit alpha type-3-like (LOC100365943), mRNA [XM_002724523]	6,494
LOC688765	Rattus norvegicus hypothetical protein LOC688765 (LOC688765), mRNA [NM_001109512]	6,494
Sspo	Rattus norvegicus SCO-spondin (Sspo), mRNA [NM_001007016]	6,494
0	AW254563 UI-R-BJ0-aej-h-01-0-UI.s1 UI-R-BJ0 Rattus norvegicus cDNA clone UI-R-BJ0-aej-h-01-0-UI 3', mRNA sequence [AW254563]	6,494
Olr1349	Rattus norvegicus olfactory receptor 1349 (Olr1349), mRNA [NM_001000484]	6,494
Gstm3	glutathione S-transferase Mu 3 [Source:RefSeq peptide;Acc:NP_065415] [ENSRNOT00000025800]	6,493
Cytsb	Rattus norvegicus cytospin B (Cytsb), mRNA [NM_001039017]	6,492
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8B7] [ENSRNOT00000057522]	6,492
Gng5	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 5 (Gng5), mRNA [NM_024377]	6,491
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AD94] [ENSRNOT00000036604]	6,491
lft122	PREDICTED: Rattus norvegicus intraflagellar transport 122 homolog (Chlamydomonas) (lft122), mRNA [XM_001054604]	6,490
LOC679576	PREDICTED: Rattus norvegicus hypothetical protein LOC679576 (LOC679576), mRNA [XM_001053562]	6,490
Lsm6	Rattus norvegicus LSM6 homolog, U6 small nuclear RNA associated (S. cerevisiae) (Lsm6), mRNA [NM_001126085]	6,490
Mpi	Rattus norvegicus mannose phosphate isomerase (mapped) (Mpi), mRNA [NM_001004081]	6,490
Cdk5rap2	Rattus norvegicus CDK5 regulatory subunit associated protein 2 (Cdk5rap2), mRNA [NM_173134]	6,490

Tmem165	Rattus norvegicus transmembrane protein 165 (Tmem165), mRNA [NM_001024802]	6,487
Tube1	Rattus norvegicus tubulin, epsilon 1 (Tube1), mRNA [NM_001108536]	6,486
Ahnak2	PREDICTED: Rattus norvegicus similar to KIAA2019 protein (RGD1309696), mRNA [XM_234572]	6,486
0	Unknown	6,486
Vps45	Rattus norvegicus vacuolar protein sorting 45 homolog (S. cerevisiae) (Vps45), mRNA [NM_172072]	6,486
0	Unknown	6,485
Ccdc21	Rattus norvegicus coiled-coil domain containing 21 (Ccdc21), mRNA [NM_001080151]	6,484
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHU8] [ENSRNOT00000001891]	6,483
Fastkd1	Rattus norvegicus FAST kinase domains 1 (Fastkd1), mRNA [NM_001191738]	6,483
Hhat	PREDICTED: Rattus norvegicus hedgehog acyltransferase (Hhat), mRNA [XM_002728056]	6,481
Enpp4	Rattus norvegicus ectonucleotide pyrophosphatase/phosphodiesterase 4 (Enpp4), mRNA [NM_001106892]	6,481
Mysm1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7T9] [ENSRNOT00000039554]	6,480
Tmem120a	Rattus norvegicus transmembrane protein 120A (Tmem120a), mRNA [NM_001010945]	6,480
Rora	Rattus norvegicus RAR-related orphan receptor A (Rora), mRNA [NM_001106834]	6,480
Otub1	Rattus norvegicus OTU domain, ubiquitin aldehyde binding 1 (Otub1), mRNA [NM_001106332]	6,480
Id3	Rattus norvegicus inhibitor of DNA binding 3 (Id3), mRNA [NM_013058]	6,477
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRA6] [ENSRNOT00000040629]	6,475
0	Rattus norvegicus similar to 60S ribosomal protein L10 (QM protein homolog) (LOC366036), mRNA [XM_345350]	6,475
LOC685003	PREDICTED: Rattus norvegicus similar to Leydig cell tumor 10 kDa protein (LOC685003), mRNA [XM_001061861]	6,474
Ttc9	Rattus norvegicus tetratricopeptide repeat domain 9 (Ttc9), mRNA [NM_001134731]	6,474
Zswim2	Rattus norvegicus zinc finger, SWIM-type containing 2 (Zswim2), mRNA [NM_001011960]	6,473
Pthr2	Rattus norvegicus peptidyl-tRNA hydrolase 2 (Pthr2), nuclear gene encoding mitochondrial protein, mRNA [NM_001013860]	6,473
C5	PREDICTED: Rattus norvegicus complement component 5 (C5), mRNA [XM_345342]	6,473
Lta4h	Rattus norvegicus leukotriene A4 hydrolase (Lta4h), mRNA [NM_001030031]	6,471
Znf692	Rattus norvegicus zinc finger protein 692 (Znf692), mRNA [NM_001126272]	6,470
RGD1359616	Rattus norvegicus similar to 2010321M09Rik protein (RGD1359616), mRNA [NM_001007663]	6,469
Cpne8	Rattus norvegicus copine VIII (Cpne8), mRNA [NM_001108750]	6,468
Tm9sf2	Rattus norvegicus transmembrane 9 superfamily member 2 (Tm9sf2), mRNA [NM_001005554]	6,467
Epm2aip1	PREDICTED: Rattus norvegicus EPM2A (laforin) interacting protein 1 (Epm2aip1), mRNA [XM_236659]	6,465
LOC680531	Rattus norvegicus similar to CG3880-PA (LOC680531), mRNA [NM_001109418]	6,465
Cdk10	Rattus norvegicus cyclin-dependent kinase 10 (Cdk10), transcript variant 3, mRNA [NM_001025722]	6,464
Zic5	Rattus norvegicus Zic family member 5 (odd-paired homolog, Drosophila) (Zic5), mRNA [NM_001108391]	6,464
Rps27	Rattus norvegicus ribosomal protein S27 (Rps27), mRNA [NM_053597]	6,464
Psm4	Rattus norvegicus proteasome (prosome, macropain) subunit, alpha type 4 (Psm4), mRNA [NM_017281]	6,463

Tmem30a	Rattus norvegicus transmembrane protein 30A (Tmem30a), mRNA [NM_001004248]	6,462
LOC100233177	Rattus norvegicus hypothetical protein LOC100233177 (LOC100233177), mRNA [NM_001134531]	6,462
Msh2	Rattus norvegicus mutS homolog 2 (E. coli) (Msh2), mRNA [NM_031058]	6,459
Rbm18	Rattus norvegicus RNA binding motif protein 18 (Rbm18), mRNA [NM_001107838]	6,459
Clcnkb	Rattus norvegicus chloride channel Kb (Clcnkb), mRNA [NM_173103]	6,458
Prp15	Rattus norvegicus proline-rich protein 15 (Prp15), mRNA [NM_012632]	6,458
Sh2d4a	Rattus norvegicus SH2 domain containing 4A (Sh2d4a), mRNA [NM_001012048]	6,458
0	Unknown	6,457
LOC689963	Rattus norvegicus hypothetical protein LOC689963 (LOC689963), mRNA [NM_001109560]	6,457
Mrap	Rattus norvegicus melanocortin 2 receptor accessory protein (Mrap), mRNA [NM_001135834]	6,455
Olr1536	Rattus norvegicus olfactory receptor 1536 (Olr1536), mRNA [NM_001001353]	6,455
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZG2] [ENSRNOT00000065209]	6,455
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLK5] [ENSRNOT00000061377]	6,454
0	Unknown	6,454
MGC116197	Rattus norvegicus similar to RIKEN cDNA 1700001E04 (MGC116197), mRNA [NM_001025755]	6,454
Klhdc8a	Rattus norvegicus kelch domain containing 8A (Klhdc8a), mRNA [NM_001100683]	6,453
Uxs1	Rattus norvegicus UDP-glucuronate decarboxylase 1 (Uxs1), mRNA [NM_139336]	6,453
0	Unknown	6,453
0	Unknown	6,453
Adam4	Rattus norvegicus a disintegrin and metalloprotease domain 4 (Adam4), mRNA [NM_020305]	6,451
0	NADH-ubiquinone oxidoreductase chain 1 [Source:UniProtKB/Swiss-Prot;Acc:P03889] [ENSRNOT00000047550]	6,450
Pfkfb1	Rattus norvegicus 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1 (Pfkfb1), mRNA [NM_012621]	6,450
Mybl2	Rattus norvegicus myeloblastosis oncogene-like 2 (Mybl2), mRNA [NM_001106536]	6,450
Etv4	Rattus norvegicus ets variant 4 (Etv4), mRNA [NM_001108299]	6,449
Aadacl1	Rattus norvegicus arylacetamide deacetylase-like 1 (Aadacl1), mRNA [NM_001127524]	6,449
0	Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC301906), mRNA [XM_217507]	6,449
0	Unknown	6,449
Bcar1	Rattus norvegicus breast cancer anti-estrogen resistance 1 (Bcar1), mRNA [NM_012931]	6,449
Unc119b	Rattus norvegicus unc-119 homolog B (C. elegans) (Unc119b), mRNA [NM_001105934]	6,448
Hcca2	Rattus norvegicus HCCA2 protein (Hcca2), mRNA [NM_001109159]	6,448
Cry1	Rattus norvegicus cryptochrome 1 (photolyase-like) (Cry1), mRNA [NM_198750]	6,447
Pstpip2	PREDICTED: Rattus norvegicus proline-serine-threonine phosphatase-interacting protein 2 (Pstpip2), mRNA [XM_225698]	6,447
0	Unknown	6,446
Nob1	Rattus norvegicus NIN1/RPN12 binding protein 1 homolog (S. cerevisiae) (Nob1), mRNA [NM_199086]	6,446

Itfg3	Rattus norvegicus integrin alpha FG-GAP repeat containing 3 (Itfg3), mRNA [NM_001009701]	6,446
Pik3ca	Rattus norvegicus phosphoinositide-3-kinase, catalytic, alpha polypeptide (Pik3ca), mRNA [NM_133399]	6,446
Fbxo6	Rattus norvegicus F-box protein 6 (Fbxo6), mRNA [NM_138917]	6,446
Rbm5	Rattus norvegicus RNA binding motif protein 5 (Rbm5), mRNA [NM_001100548]	6,445
0	Unknown	6,445
0	Unknown	6,445
Olr230	Rattus norvegicus olfactory receptor 230 (Olr230), mRNA [NM_001000205]	6,444
Morn5	Rattus norvegicus MORN repeat containing 5 (Morn5), mRNA [NM_001047912]	6,444
Hisppd2a	Rattus norvegicus histidine acid phosphatase domain containing 2A (Hisppd2a), mRNA [NM_001080783]	6,443
Mrs2	Rattus norvegicus MRS2 magnesium homeostasis factor homolog (S. cerevisiae) (Mrs2), mRNA [NM_024001]	6,442
0	Unknown	6,442
Vps24	Rattus norvegicus vacuolar protein sorting 24 homolog (S. cerevisiae) (Vps24), mRNA [NM_172331]	6,441
RGD1563065	PREDICTED: Rattus norvegicus similar to 3110047P20Rik protein (RGD1563065), mRNA [XM_001078520]	6,439
Flad1	Rattus norvegicus flavin adenine dinucleotide synthetase (Flad1), mRNA [NM_001110138]	6,439
Jakmip2	Rattus norvegicus janus kinase and microtubule interacting protein 2 (Jakmip2), mRNA [NM_001107391]	6,438
0	Unknown	6,438
0	Unknown	6,437
Clec4a3	Rattus norvegicus C-type lectin domain family 4, member a3 (Clec4a3), mRNA [NM_001005891]	6,436
Zfp382	Rattus norvegicus zinc finger protein 382 (Zfp382), mRNA [NM_144749]	6,434
Lrrc8c	Rattus norvegicus leucine rich repeat containing 8 family, member C (Lrrc8c), mRNA [NM_001037179]	6,433
0	set=Set beta isoform {alternatively spliced} [rats, neonatal kidney, mRNA, 2026 nt]. [S68987]	6,433
B4galnt4	Rattus norvegicus beta-1,4-N-acetyl-galactosaminyl transferase 4 (B4galnt4), mRNA [NM_001107562]	6,431
Pigv	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class V (Pigv), mRNA [NM_001010966]	6,430
Lphn3	Rattus norvegicus latrophilin 3 (Lphn3), mRNA [NM_130822]	6,430
Prkag2	Rattus norvegicus protein kinase, AMP-activated, gamma 2 non-catalytic subunit (Prkag2), mRNA [NM_184051]	6,430
Nmbr	Rattus norvegicus neuromedin B receptor (Nmbr), mRNA [NM_012799]	6,430
Olr892	Rattus norvegicus olfactory receptor 892 (Olr892), mRNA [NM_001000060]	6,429
Shprh	Rattus norvegicus SNF2 histone linker PHD RING helicase (Shprh), mRNA [NM_001107470]	6,429
Trpc4	Rattus norvegicus transient receptor potential cation channel, subfamily C, member 4 (Trpc4), transcript variant alpha, mRNA [NM_080396]	6,429
0	DRABAD11 Rat DRG Library Rattus norvegicus cDNA clone DRABAD11 5', mRNA sequence [BG664185]	6,429
Copb2	Rattus norvegicus coatamer protein complex, subunit beta 2 (beta prime) (Copb2), mRNA [NM_021765]	6,428
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY49] [ENSRNOT00000001562]	6,428
Kcne4	Rattus norvegicus potassium voltage-gated channel, Isk-related family, member 4 (Kcne4), mRNA [NM_212526]	6,425
Slc20a2	Rattus norvegicus solute carrier family 20 (phosphate transporter), member 2 (Slc20a2), mRNA [NM_017223]	6,424

Trim2	Rattus norvegicus tripartite motif-containing 2 (Trim2), mRNA [NM_001108552]	6,424
Elovl7	Rattus norvegicus ELOVL family member 7, elongation of long chain fatty acids (yeast) (Elovl7), mRNA [NM_001191844]	6,423
Tmem177	Rattus norvegicus transmembrane protein 177 (Tmem177), mRNA [NM_001037776]	6,422
Gas2l1	Rattus norvegicus growth arrest-specific 2 like 1 (Gas2l1), mRNA [NM_001108365]	6,422
Sptlc1	Rattus norvegicus serine palmitoyltransferase, long chain base subunit 1 (Sptlc1), mRNA [NM_001108406]	6,422
0	Unknown	6,419
Hn1l	Rattus norvegicus hematological and neurological expressed 1-like (Hn1l), mRNA [NM_001013182]	6,418
LOC681086	RCG61899Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZU7] [ENSRNOT00000020600]	6,417
Fbxw4	Rattus norvegicus F-box and WD repeat domain containing 4 (Fbxw4), mRNA [NM_001107600]	6,417
0	Unknown	6,414
Kctd10	Rattus norvegicus potassium channel tetramerization domain containing 10 (Kctd10), mRNA [NM_001009973]	6,414
LOC691241	PREDICTED: Rattus norvegicus similar to MIC2 like 1 (LOC691241), mRNA [XM_001077347]	6,414
LOC100125367	Rattus norvegicus hypothetical protein LOC100125367 (LOC100125367), mRNA [NM_001103357]	6,414
0	Unknown	6,414
Gabpa	Rattus norvegicus GA binding protein transcription factor, alpha subunit (Gabpa), mRNA [NM_001108841]	6,413
0	Unknown	6,410
Stx2	Rattus norvegicus syntaxin 2 (Stx2), mRNA [NM_012748]	6,410
Serpina3n	Rattus norvegicus serine (or cysteine) peptidase inhibitor, clade A, member 3N (Serpina3n), mRNA [NM_031531]	6,409
0	Unknown	6,408
0	Unknown	6,408
0	Unknown	6,407
Ttpal	Rattus norvegicus tocopherol (alpha) transfer protein-like (Ttpal), mRNA [NM_001106537]	6,407
Xpot	Rattus norvegicus exportin, tRNA (nuclear export receptor for tRNAs) (Xpot), mRNA [NM_001108102]	6,406
Ube2k	Rattus norvegicus ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast) (Ube2k), mRNA [NM_001106006]	6,406
Uros	Rattus norvegicus uroporphyrinogen III synthase (Uros), mRNA [NM_001012068]	6,406
Eml5	PREDICTED: Rattus norvegicus echinoderm microtubule associated protein like 5, transcript variant 2 (Eml5), mRNA [XM_001064078]	6,405
Hmox1	Rattus norvegicus heme oxygenase (decycling) 1 (Hmox1), mRNA [NM_012580]	6,405
Plaur	Rattus norvegicus plasminogen activator, urokinase receptor (Plaur), transcript variant 1, mRNA [NM_134352]	6,404
Limd1	Rattus norvegicus LIM domains containing 1 (Limd1), mRNA [NM_001112737]	6,404
Gtpbp8	Rattus norvegicus GTP-binding protein 8 (putative) (Gtpbp8), mRNA [NM_001025015]	6,403
RGD1560888	Rattus norvegicus similar to Cell division protein kinase 8 (Protein kinase K35) (RGD1560888), mRNA [NM_001109061]	6,403
LOC688285	PREDICTED: Rattus norvegicus hypothetical protein LOC688285 (LOC688285), mRNA [XM_001081744]	6,401
Zdhhc20	Rattus norvegicus zinc finger, DHHC-type containing 20 (Zdhhc20), mRNA [NM_001039336]	6,401
0	Unknown	6,399

Gphn	Rattus norvegicus gephyrin (Gphn), mRNA [NM_022865]	6,399
Gas2l1	Rattus norvegicus growth arrest-specific 2 like 1 (Gas2l1), mRNA [NM_001108365]	6,399
Polr3k	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide K (Polr3k), mRNA [NM_001014259]	6,397
Ccdc37	Coiled-coil domain containing 37 (Predicted), isoform CRA_cUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEI2] [ENSRNOT00000024222]	6,397
0	Rattus norvegicus similar to RIKEN cDNA 4432405B04 (LOC360802), mRNA [XM_341074]	6,397
LOC691995	Rattus norvegicus hypothetical protein LOC691995 (LOC691995), mRNA [NM_001103353]	6,396
0	Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363395), mRNA [XM_343725]	6,396
0	Unknown	6,395
0	Unknown	6,395
Arid4b	Rattus norvegicus AT rich interactive domain 4B (Rbp1 like) (Arid4b), mRNA [NM_053421]	6,395
Ftl	Rattus norvegicus ferritin, light polypeptide (Ftl), mRNA [NM_022500]	6,395
RGD1562378	PREDICTED: Rattus norvegicus histone H4 variant H4-v.1 (RGD1562378), mRNA [XM_575704]	6,394
Shmt1	Rattus norvegicus serine hydroxymethyltransferase 1 (soluble) (Shmt1), nuclear gene encoding mitochondrial protein, mRNA [NM_001047842]	6,394
Zfp202	Rattus norvegicus zinc finger protein 202 (Zfp202), mRNA [NM_001109290]	6,393
Gns	Rattus norvegicus glucosamine (N-acetyl)-6-sulfatase (Gns), mRNA [NM_001011989]	6,393
0	Unknown	6,393
Scnn1b	Rattus norvegicus sodium channel, nonvoltage-gated 1, beta (Scnn1b), mRNA [NM_012648]	6,393
LOC499806	Rattus norvegicus similar to RIKEN cDNA 4933404M02 (LOC499806), mRNA [NM_001024311]	6,392
0	Unknown	6,392
Fcer1g	Rattus norvegicus Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (Fcer1g), mRNA [NM_001131001]	6,388
Slc26a9	Rattus norvegicus solute carrier family 26, member 9 (Slc26a9), mRNA [NM_001107172]	6,388
0	Unknown	6,388
Rnaseh2b	Rattus norvegicus ribonuclease H2, subunit B (Rnaseh2b), mRNA [NM_001007007]	6,388
0	Unknown	6,387
Rrp1	Rattus norvegicus ribosomal RNA processing 1 homolog (S. cerevisiae) (Rrp1), mRNA [NM_001012073]	6,387
Kank3	Rattus norvegicus KN motif and ankyrin repeat domains 3 (Kank3), mRNA [NM_001108989]	6,386
Opn4	Rattus norvegicus opsin 4 (Opn4), mRNA [NM_138860]	6,384
0	PREDICTED: Rattus norvegicus similar to high mobility group nucleosomal binding domain 1 (LOC691642), mRNA [XM_001079135]	6,384
Niacr1	Rattus norvegicus niacin receptor 1 (Niacr1), mRNA [NM_181476]	6,384
Agl	Rattus norvegicus amylo-1,6-glucosidase, 4-alpha-glucanotransferase (Agl), mRNA [NM_001108564]	6,382
RGD1307254	Rattus norvegicus similar to RIKEN cDNA 1200011118 (RGD1307254), mRNA [NM_001024875]	6,381
Pdss2	Rattus norvegicus prenyl (decaprenyl) diphosphate synthase, subunit 2 (Pdss2), mRNA [NM_001014249]	6,380
0	Unknown	6,379

Ccnc	Rattus norvegicus cyclin C (Ccnc), mRNA [NM_001100472]	6,378
0	Unknown	6,376
Osmr	Rattus norvegicus oncostatin M receptor (Osmr), mRNA [NM_001005384]	6,375
Coro2a	Rattus norvegicus coronin, actin binding protein 2A (Coro2a), mRNA [NM_001012101]	6,375
RGD1308775	Rattus norvegicus similar to RIKEN cDNA 4921536K21 (RGD1308775), mRNA [NM_001107233]	6,375
Znf512	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIF0] [ENSRNOT00000006658]	6,371
Ptn	Rattus norvegicus pleiotrophin (Ptn), mRNA [NM_017066]	6,371
Ppwd1	Rattus norvegicus peptidylprolyl isomerase domain and WD repeat containing 1 (Ppwd1), mRNA [NM_001106406]	6,370
Zbtb43	Rattus norvegicus zinc finger and BTB domain containing 43 (Zbtb43), mRNA [NM_001012094]	6,370
Tns1	Rattus norvegicus tensin 1 (Tns1), mRNA [NM_001191810]	6,370
0	Unknown	6,369
0	Unknown	6,369
Zswim5	Rattus norvegicus zinc finger, SWIM domain containing 5 (Zswim5), mRNA [NM_001107963]	6,369
RGD1565012	PREDICTED: Rattus norvegicus similar to beta-1,3-N-acetylglucosaminyltransferase bGnT-5 (RGD1565012), mRNA [XM_231163]	6,368
Hbs1l	Rattus norvegicus Hbs1-like (S. cerevisiae) (Hbs1l), mRNA [NM_001011934]	6,368
0	Unknown	6,367
Orai1	Rattus norvegicus ORAI calcium release-activated calcium modulator 1 (Orai1), mRNA [NM_001013982]	6,367
Phlda3	Rattus norvegicus pleckstrin homology-like domain, family A, member 3 (Phlda3), mRNA [NM_001012206]	6,364
Ddx51	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 51 (Ddx51), mRNA [NM_001107150]	6,363
Nub1	Rattus norvegicus negative regulator of ubiquitin-like proteins 1 (Nub1), mRNA [NM_001013925]	6,363
N4bp2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLS6] [ENSRNOT000000031792]	6,363
0	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDI4] [ENSRNOT000000024023]	6,361
Zfp280d	Rattus norvegicus zinc finger protein 280D (Zfp280d), mRNA [NM_001108165]	6,361
Upf2	Rattus norvegicus UPF2 regulator of nonsense transcripts homolog (yeast) (Upf2), mRNA [NM_001108421]	6,361
RGD1566149	Rattus norvegicus similar to CDNA sequence BC017647 (RGD1566149), mRNA [NM_001109038]	6,360
0	Rattus norvegicus, 30 clones, strain BN/SsNHsdMCW RNOR03322613, whole genome shotgun sequence [AABR03128500]	6,360
Map4k5	Rattus norvegicus mitogen-activated protein kinase kinase kinase 5 (Map4k5), mRNA [NM_001192016]	6,360
Adarb1	Rattus norvegicus adenosine deaminase, RNA-specific, B1 (Adarb1), transcript variant 1, mRNA [NM_012894]	6,359
Stard3nl	Rattus norvegicus STARD3 N-terminal like (Stard3nl), mRNA [NM_001008298]	6,358
0	Q6P9S9_MOUSE (Q6P9S9) Zinc finger, ZZ domain containing 3, partial (20%) [TC642834]	6,357
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC313741), mRNA [XM_233699]	6,357
LOC499124	Rattus norvegicus mouse zinc finger protein 14-like (LOC499124), mRNA [NM_001100991]	6,357
0	Unknown	6,355

Slc35a2	Rattus norvegicus solute carrier family 35 (UDP-galactose transporter), member A2 (Slc35a2), mRNA [NM_001127642]	6,354
Engase	Rattus norvegicus endo-beta-N-acetylglucosaminidase (Engase), mRNA [NM_001107070]	6,353
Abi3	Rattus norvegicus ABI family, member 3 (Abi3), mRNA [NM_001013118]	6,352
Traf3ip3	Rattus norvegicus TRAF3 interacting protein 3 (Traf3ip3), mRNA [NM_001014132]	6,352
Hmgb1	Rattus norvegicus high mobility group box 1 (Hmgb1), mRNA [NM_012963]	6,352
Wbscr28	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKV0] [ENSRNOT00000033499]	6,352
Arfip1	Rattus norvegicus ADP-ribosylation factor interacting protein 1 (Arfip1), mRNA [NM_021763]	6,351
Tuba1b	Rattus norvegicus tubulin, alpha 1B (Tuba1b), mRNA [NM_001044270]	6,349
LOC317456	Rattus norvegicus hypothetical LOC317456 (LOC317456), mRNA [NM_001047894]	6,349
Sln	Rattus norvegicus sarcolipin (Sln), mRNA [NM_001013247]	6,346
Tigd3	Rattus norvegicus tigger transposable element derived 3 (Tigd3), mRNA [NM_001107573]	6,346
Slc6a2	Rattus norvegicus solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2 (Slc6a2), mRNA [NM_031343]	6,346
Snrk	Rattus norvegicus SNF related kinase (Snrk), mRNA [NM_138833]	6,345
0	Unknown	6,345
Hnrnpab	Rattus norvegicus heterogeneous nuclear ribonucleoprotein A/B (Hnrnpab), mRNA [NM_031330]	6,345
Pxmp2	Rattus norvegicus peroxisomal membrane protein 2 (Pxmp2), mRNA [NM_031587]	6,344
Olr1547	Rattus norvegicus olfactory receptor 1547 (Olr1547), mRNA [NM_001001107]	6,343
Rpl30	Rattus norvegicus ribosomal protein L30 (Rpl30), mRNA [NM_022699]	6,343
LOC501110	Rattus norvegicus similar to Glutathione S-transferase A1 (GTH1) (HA subunit 1) (GST-epsilon) (GSTA1-1) (GST class-alpha) (LOC501110), mRNA [NM_001024361]	6,343
Mks1	Rattus norvegicus Meckel syndrome, type 1 (Mks1), mRNA [NM_001034917]	6,343
Gtf2h2	Rattus norvegicus general transcription factor IIH, polypeptide 2 (Gtf2h2), mRNA [NM_001077428]	6,341
Rpe	Rattus norvegicus ribulose-5-phosphate-3-epimerase (Rpe), mRNA [NM_001033903]	6,341
Klhl36	Rattus norvegicus kelch-like 36 (Drosophila) (Klhl36), mRNA [NM_001017511]	6,340
Wdr6	Rattus norvegicus WD repeat domain 6 (Wdr6), mRNA [NM_001006988]	6,340
Fam89a	Rattus norvegicus family with sequence similarity 89, member A (Fam89a), mRNA [NM_001011711]	6,339
Lyzl6	Rattus norvegicus lysozyme-like 6 (Lyzl6), mRNA [NM_001135833]	6,339
Gda	Rattus norvegicus guanine deaminase (Gda), mRNA [NM_031776]	6,339
Brwd2	PREDICTED: Rattus norvegicus bromodomain and WD repeat domain containing 2 (Brwd2), mRNA [XM_219377]	6,339
Fbxo3	Rattus norvegicus F-box protein 3 (Fbxo3), mRNA [NM_001109606]	6,339
Grm3	Rattus norvegicus glutamate receptor, metabotropic 3 (Grm3), mRNA [NM_001105712]	6,338
Best2	Rattus norvegicus bestrophin 2 (Best2), mRNA [NM_001108895]	6,338
LOC685634	PREDICTED: Rattus norvegicus hypothetical protein LOC685634 (LOC685634), mRNA [XM_001064606]	6,337
RGD1559884	Rattus norvegicus similar to RIKEN cDNA 9930023K05 (RGD1559884), mRNA [NM_001134613]	6,335

Tf	Rattus norvegicus transferrin (Tf), mRNA [NM_001013110]	6,334
Ttc39b	Rattus norvegicus tetratricopeptide repeat domain 39B (Ttc39b), mRNA [NM_001106665]	6,333
0	Histone H4Osteogenic growth peptide [Source:UniProtKB/Swiss-Prot;Acc:P62804] [ENSRNOT00000068510]	6,332
Ccbl1	Rattus norvegicus cysteine conjugate-beta lyase, cytoplasmic (Ccbl1), mRNA [NM_001013164]	6,332
0	Rattus norvegicus similar to ribosomal protein S27a (LOC291599), mRNA [XM_225950]	6,330
Camsap111	Rattus norvegicus calmodulin regulated spectrin-associated protein 1-like 1 (Camsap111), mRNA [NM_001134503]	6,330
lqcg	Rattus norvegicus IQ motif containing G (lqcg), mRNA [NM_001014230]	6,330
Hmgb2	Rattus norvegicus high mobility group box 2 (Hmgb2), mRNA [NM_017187]	6,329
0	Unknown	6,328
Plxdc1	Rattus norvegicus plexin domain containing 1 (Plxdc1), mRNA [NM_001107046]	6,328
Slc3a2	Rattus norvegicus solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 (Slc3a2), mRNA [NM_019283]	6,327
Olr361	Rattus norvegicus olfactory receptor 361 (Olr361), mRNA [NM_001000556]	6,327
Tcf25	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC46] [ENSRNOT00000046155]	6,326
LOC100361840	PREDICTED: Rattus norvegicus LIM homeobox transcription factor 1, beta-like (LOC100361840), mRNA [XM_002742444]	6,326
0	Unknown	6,326
Car12	Rattus norvegicus carbonic anyhydrase 12 (Car12), mRNA [NM_001080756]	6,326
RGD1563073	PREDICTED: Rattus norvegicus similar to SIGLEC-like 1 (RGD1563073), mRNA [XM_002725572]	6,326
LOC100363621	PREDICTED: Rattus norvegicus ecto-NOX disulfide-thiol exchanger 1 (LOC100363621), mRNA [XM_002725125]	6,325
Ets2	Rattus norvegicus v-ets erythroblastosis virus E26 oncogene homolog 2 (avian) (Ets2), mRNA [NM_001107107]	6,325
RGD1311186	Rattus norvegicus similar to RIKEN cDNA 1810014F10 gene (RGD1311186), mRNA [NM_001106310]	6,324
0	Unknown	6,324
Srcrb4d	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQH3] [ENSRNOT00000001953]	6,323
Slc7a6	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 6 (Slc7a6), mRNA [NM_001107424]	6,323
0	Nebulin (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZM87] [ENSRNOT00000038926]	6,322
Pus10	pseudouridylate synthase 10 [Source:RefSeq peptide;Acc:NP_001020449] [ENSRNOT00000008115]	6,322
Pml	PREDICTED: Rattus norvegicus promyelocytic leukemia (Pml), mRNA [XM_236296]	6,322
LOC684139	PREDICTED: Rattus norvegicus similar to zinc finger protein 582 (LOC684139), mRNA [XM_001069100]	6,320
LOC686298	PREDICTED: Rattus norvegicus similar to protein phosphatase 2C eta isoform 2 (LOC686298), mRNA [XM_001073372]	6,320
0	Unknown	6,319
RGD1304624	Rattus norvegicus similar to RIKEN cDNA 2700097O09 (RGD1304624), mRNA [NM_001108022]	6,319
Ctsc	Rattus norvegicus cathepsin C (Ctsc), mRNA [NM_017097]	6,319
Kbtbd2	Rattus norvegicus kelch repeat and BTB (POZ) domain containing 2 (Kbtbd2), mRNA [NM_001107861]	6,319
Xrcc5	Rattus norvegicus X-ray repair complementing defective repair in Chinese hamster cells 5 (Xrcc5), mRNA [NM_177419]	6,318
Tnnc2	Rattus norvegicus troponin C type 2 (fast) (Tnnc2), mRNA [NM_001037351]	6,317

Psd	Rattus norvegicus pleckstrin and Sec7 domain containing (Psd), mRNA [NM_134370]	6,316
Asphd2	Rattus norvegicus aspartate beta-hydroxylase domain containing 2 (Asphd2), mRNA [NM_001009716]	6,316
Atcay	Rattus norvegicus ataxia, cerebellar, Cayman type (Atcay), mRNA [NM_001040190]	6,316
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZW42] [ENSRNOT00000065829]	6,316
B3galnt1	Rattus norvegicus beta-1,3-N-acetylgalactosaminyltransferase 1 (B3galnt1), mRNA [NM_001013158]	6,315
0	Unknown	6,315
Pkm2	Rattus norvegicus pyruvate kinase, muscle (Pkm2), mRNA [NM_053297]	6,314
Uckl1	Rattus norvegicus uridine-cytidine kinase 1-like 1 (Uckl1), mRNA [NM_001109212]	6,313
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8C0] [ENSRNOT00000042031]	6,313
Dusp10	Rattus norvegicus dual specificity phosphatase 10 (Dusp10), mRNA [NM_001105734]	6,311
Parp3	Rattus norvegicus poly (ADP-ribose) polymerase family, member 3 (Parp3), mRNA [NM_001008328]	6,311
Psm3	Rattus norvegicus proteasome (prosome, macropain) 26S subunit, non-ATPase, 3 (Psm3), mRNA [NM_001008281]	6,311
Taf8	Rattus norvegicus TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf8), mRNA [NM_001108197]	6,309
0	Unknown	6,308
Tbx18	Rattus norvegicus T-box18 (Tbx18), mRNA [NM_001108173]	6,308
Ppm1a	Rattus norvegicus protein phosphatase 1A, magnesium dependent, alpha isoform (Ppm1a), mRNA [NM_017038]	6,307
Arrdc5	Rattus norvegicus arrestin domain containing 5 (Arrdc5), mRNA [NM_001109408]	6,307
Cdk7	Cell division protein kinase 7 [Source:UniProtKB/Swiss-Prot;Acc:P51952] [ENSRNOT00000025026]	6,307
Bcl2l1	Rattus norvegicus Bcl2-like 1 (Bcl2l1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_001033672]	6,306
Pik3cb	Rattus norvegicus phosphoinositide-3-kinase, catalytic, beta polypeptide (Pik3cb), mRNA [NM_053481]	6,306
Dnm1l	Rattus norvegicus dynamin 1-like (Dnm1l), mRNA [NM_053655]	6,302
Wdr25l	Rattus norvegicus WD repeat domain 25-like (Wdr25l), mRNA [NM_001135894]	6,301
Sarnp	Rattus norvegicus SAP domain containing ribonucleoprotein (Sarnp), mRNA [NM_001033070]	6,301
Tbc1d5	Rattus norvegicus TBC1 domain family, member 5 (Tbc1d5), mRNA [NM_001134762]	6,301
Acap1	Rattus norvegicus ArfGAP with coiled-coil, ankyrin repeat and PH domains 1 (Acap1), mRNA [NM_001105796]	6,301
Nin	Rattus norvegicus ninein (GSK3B interacting protein) (Nin), mRNA [NM_001106737]	6,298
0	Rattus norvegicus similar to Hypothetical protein LOC216150 (LOC365006), mRNA [XM_344770]	6,297
0	Unknown	6,297
Sfrs14	Rattus norvegicus splicing factor, arginine/serine-rich 14 (Sfrs14), mRNA [NM_001108397]	6,296
Prima1	Rattus norvegicus proline rich membrane anchor 1 (Prima1), mRNA [NM_001108721]	6,295
RGD1304879	Rattus norvegicus similar to Zinc finger protein 398 (Zinc finger DNA binding protein p52/p71) (RGD1304879), mRNA [NM_001014056]	6,295
0	Unknown	6,295
Rpia	Rattus norvegicus ribose 5-phosphate isomerase A (Rpia), mRNA [NM_001108632]	6,294
Ttk	Rattus norvegicus Ttk protein kinase (Ttk), mRNA [NM_001108172]	6,294

Zbtb9	Rattus norvegicus zinc finger and BTB domain containing 9 (Zbtb9), mRNA [NM_213564]	6,293
0	Unknown	6,293
RGD1311406	PREDICTED: Rattus norvegicus similar to RIKEN cDNA B430306N03 gene (RGD1311406), mRNA [XM_001063911]	6,293
0	Unknown	6,293
Ddr1	Rattus norvegicus discoidin domain receptor tyrosine kinase 1 (Ddr1), transcript variant 1, mRNA [NM_013137]	6,293
Rassf7	Rattus norvegicus Ras association (RalGDS/AF-6) domain family (N-terminal) member 7 (Rassf7), mRNA [NM_001106317]	6,292
0	Q3U348_MOUSE (Q3U348) NOD-derived CD11c +ve dendritic cells cDNA, RIKEN full-length enriched library, clone:F630112C03 product:Rap2 interacting protein x homolog, partial (31%) [TC632655]	6,292
Il17rd	Rattus norvegicus interleukin 17 receptor D (Il17rd), mRNA [NM_001191937]	6,292
Duox2	Rattus norvegicus dual oxidase 2 (Duox2), mRNA [NM_024141]	6,291
Smarca1	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 (Smarca1), mRNA [NM_001024993]	6,291
LOC500625	Rattus norvegicus hypothetical protein LOC500625 (LOC500625), mRNA [NM_001025151]	6,291
Rnf34	Rattus norvegicus ring finger protein 34 (Rnf34), mRNA [NM_001004075]	6,291
Tril	Rattus norvegicus TLR4 interactor with leucine-rich repeats (Tril), mRNA [NM_001034010]	6,290
Nsmce1	Rattus norvegicus non-SMC element 1 homolog (S. cerevisiae) (Nsmce1), mRNA [NM_001039611]	6,289
Tshr	Rattus norvegicus thyroid stimulating hormone receptor (Tshr), mRNA [NM_012888]	6,288
LOC679229	PREDICTED: Rattus norvegicus similar to zinc finger protein 397, transcript variant 2 (LOC679229), mRNA [XM_001055142]	6,287
Klhl9	Rattus norvegicus kelch-like 9 (Drosophila) (Klhl9), mRNA [NM_001107944]	6,287
Frem2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG74] [ENSRNOT00000031487]	6,287
Atg10	Rattus norvegicus autophagy-related 10 (S. cerevisiae) (Atg10), mRNA [NM_001109505]	6,286
Itgad	Rattus norvegicus integrin, alpha D (Itgad), mRNA [NM_031691]	6,286
Rsph10b	Rattus norvegicus radial spoke head 10 homolog B (Chlamydomonas) (Rsph10b), mRNA [NM_001013867]	6,286
Fas	Rattus norvegicus Fas (TNF receptor superfamily, member 6) (Fas), mRNA [NM_139194]	6,285
0	PREDICTED: Rattus norvegicus maltase-glucoamylase (Mgam), mRNA [XM_231714]	6,285
LOC679861	AGENCOURT_114819228 NIH_MGC_433 Rattus norvegicus cDNA clone IMAGE:9098661 5', mRNA sequence [EV777635]	6,285
0	GAPR1_MOUSE (Q9CYL5) Golgi-associated plant pathogenesis-related protein 1 (Golgi-associated PR-1 protein) (GAPR-1) (Glioma pathogenesis-related protein 2) (GliPR 2), complete [TC625589]	6,284
Gfra2	Rattus norvegicus GDNF family receptor alpha 2 (Gfra2), mRNA [NM_012750]	6,284
LOC685106	PREDICTED: Rattus norvegicus similar to ribosomal protein L6 (LOC685106), mRNA [XM_001062312]	6,282
Mrpl51	Rattus norvegicus mitochondrial ribosomal protein L51 (Mrpl51), nuclear gene encoding mitochondrial protein, mRNA [NM_001106621]	6,280
Prmt8	PREDICTED: Rattus norvegicus similar to Protein arginine N-methyltransferase 4 (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 4) (LOC688502), mRNA [XM_002726433]	6,280
Asb11	Rattus norvegicus ankyrin repeat and SOCS box-containing 11 (Asb11), mRNA [NM_001106962]	6,280

0	Ryanodine receptor type 3 [Source:UniProtKB/TrEMBL;Acc:Q9R273] [ENSRNOT00000049582]	6,279
Thap3	Rattus norvegicus THAP domain containing, apoptosis associated protein 3 (Thap3), mRNA [NM_001108695]	6,279
Lage3	Rattus norvegicus L antigen family, member 3 (Lage3), mRNA [NM_001106345]	6,277
RGD1564325	40S ribosomal protein S24 [Source:UniProtKB/TrEMBL;Acc:D3ZFZ8] [ENSRNOT00000047252]	6,277
Slco2b1	Rattus norvegicus solute carrier organic anion transporter family, member 2b1 (Slco2b1), mRNA [NM_080786]	6,276
0	Unknown	6,276
0	Unknown	6,275
Spdef	Rattus norvegicus SAM pointed domain containing ets transcription factor (Spdef), mRNA [NM_001109530]	6,275
St13	Rattus norvegicus suppression of tumorigenicity 13 (St13), mRNA [NM_031122]	6,275
Ecg2	Rattus norvegicus esophagus cancer-related protein 2 (Ecg2), mRNA [NM_001002816]	6,274
Btla	Rattus norvegicus B and T lymphocyte associated (Btla), mRNA [NM_213630]	6,274
RGD1309808	Rattus norvegicus similar to apolipoprotein L2; apolipoprotein L-II (RGD1309808), mRNA [NM_001134801]	6,274
Smarca1	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1 (Smarca1), mRNA [NM_001025728]	6,274
Fam198b	Rattus norvegicus family with sequence similarity 198, member B (Fam198b), mRNA [NM_199105]	6,273
0	Q4FAC5_VIBAL (Q4FAC5) Collagenase, partial (3%) [TC596950]	6,272
Olr1083	Rattus norvegicus olfactory receptor 1083 (Olr1083), mRNA [NM_001000710]	6,272
RGD1561795	Rattus norvegicus similar to RIKEN cDNA 1700012B09 (RGD1561795), mRNA [NM_001109289]	6,272
Gja3	Rattus norvegicus gap junction protein, alpha 3 (Gja3), mRNA [NM_024376]	6,272
Pigp	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class P (Pigp), mRNA [NM_001099758]	6,272
Cnga1	Rattus norvegicus cyclic nucleotide gated channel alpha 1 (Cnga1), mRNA [NM_053497]	6,271
Ddx47	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 47 (Ddx47), mRNA [NM_001015005]	6,271
0	Rattus norvegicus TL0AEA64YE20 mRNA sequence. [FQ232826]	6,270
Obox5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYG1] [ENSRNOT00000045660]	6,269
Mtmr15	Rattus norvegicus myotubularin related protein 15 (Mtmr15), mRNA [NM_001191633]	6,269
0	Rattus norvegicus, 23 clones, strain BN/SsNHsdMCW RNOR03327657, whole genome shotgun sequence [AABR03128419]	6,269
0	Unknown	6,267
Saa4	Rattus norvegicus serum amyloid A4, constitutive (Saa4), mRNA [NM_001009478]	6,267
Parn	PREDICTED: Rattus norvegicus poly(A)-specific ribonuclease (deadenylation nuclease) (Parn), mRNA [XM_001075629]	6,265
Ccdc32	Rattus norvegicus coiled-coil domain containing 32 (Ccdc32), mRNA [NM_001024245]	6,265
Uck1	Rattus norvegicus uridine-cytidine kinase 1 (Uck1), mRNA [NM_001107831]	6,264
0	Unknown	6,263
Vapb	Rattus norvegicus VAMP (vesicle-associated membrane protein)-associated protein B and C (Vapb), mRNA [NM_021847]	6,262
0	Unknown	6,262

Trim2	Rattus norvegicus tripartite motif-containing 2 (Trim2), mRNA [NM_001108552]	6,262
Rtn4	Rattus norvegicus reticulon 4 (Rtn4), mRNA [NM_031831]	6,262
0	Unknown	6,262
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AD38] [ENSRNOT00000036164]	6,261
LOC681740	PREDICTED: Rattus norvegicus similar to jumonji protein, transcript variant 4 (LOC681740), mRNA [XM_001056897]	6,259
0	Unknown	6,258
Rnf111	Rattus norvegicus ring finger protein 111 (Rnf111), mRNA [NM_001106836]	6,258
0	PREDICTED: Rattus norvegicus similar to high mobility group nucleosomal binding domain 1 (LOC680964), mRNA [XM_001059675]	6,258
Shc2	Rattus norvegicus SHC (Src homology 2 domain containing) transforming protein 2 (Shc2), mRNA [NM_001108065]	6,257
Isca1	Rattus norvegicus iron-sulfur cluster assembly 1 homolog (S. cerevisiae) (Isca1), mRNA [NM_181626]	6,257
LOC681152	PREDICTED: Rattus norvegicus similar to cytoplasmic beta-actin (LOC681152), mRNA [XM_001060515]	6,256
Galr2	Rattus norvegicus galanin receptor 2 (Galr2), mRNA [NM_019172]	6,256
Mrps11	Rattus norvegicus mitochondrial ribosomal protein S11 (Mrps11), nuclear gene encoding mitochondrial protein, mRNA [NM_001109148]	6,256
RGD1561796	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS66] [ENSRNOT00000068577]	6,256
Tbcd	PREDICTED: Rattus norvegicus tubulin-specific chaperone d (Tbcd), partial mRNA [XM_340955]	6,256
0	Unknown	6,255
Magi3	Rattus norvegicus membrane associated guanylate kinase, WW and PDZ domain containing 3 (Magi3), mRNA [NM_139084]	6,255
Olr1435	Rattus norvegicus olfactory receptor 1435 (Olr1435), mRNA [NM_001000777]	6,255
Lonrf3	Rattus norvegicus LON peptidase N-terminal domain and ring finger 3 (Lonrf3), mRNA [NM_001191585]	6,254
Krtap19-3	PREDICTED: Rattus norvegicus keratin associated protein 19-3 (Krtap19-3), mRNA [XM_001063382]	6,253
Mettl9	Rattus norvegicus methyltransferase like 9 (Mettl9), mRNA [NM_001163164]	6,252
Echdc1	Rattus norvegicus enoyl Coenzyme A hydratase domain containing 1 (Echdc1), mRNA [NM_001007734]	6,250
0	Unknown	6,250
0	Unknown	6,249
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDB2] [ENSRNOT00000068478]	6,248
0	Unknown	6,248
Capn2	Rattus norvegicus calpain 2 (Capn2), mRNA [NM_017116]	6,248
Spats2l	Rattus norvegicus spermatogenesis associated, serine-rich 2-like (Spats2l), mRNA [NM_001014102]	6,248
Bat4	Rattus norvegicus HLA-B associated transcript 4 (Bat4), mRNA [NM_001034157]	6,247
Ccdc33	Rattus norvegicus coiled-coil domain containing 33 (Ccdc33), mRNA [NM_001014091]	6,247
Rbms1	Rattus norvegicus RNA binding motif, single stranded interacting protein 1 (Rbms1), mRNA [NM_001012184]	6,247
Mfsd6	Rattus norvegicus major facilitator superfamily domain containing 6 (Mfsd6), mRNA [NM_001106911]	6,246
Inpp5a	Rattus norvegicus inositol polyphosphate-5-phosphatase A (Inpp5a), mRNA [NM_001108923]	6,246
0	Unknown	6,246

Prok1	Rattus norvegicus prokineticin 1 (Prok1), mRNA [NM_138851]	6,243
Cflar	Rattus norvegicus CASP8 and FADD-like apoptosis regulator, mRNA (cDNA clone MGC:108616 IMAGE:7376876), complete cds. [BC089781]	6,243
Ror1	Rattus norvegicus receptor tyrosine kinase-like orphan receptor 1 (Ror1), mRNA [NM_001108671]	6,242
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG39] [ENSRNOT00000058806]	6,241
Ppp1cc	Rattus norvegicus protein phosphatase 1, catalytic subunit, gamma isoform (Ppp1cc), mRNA [NM_022498]	6,241
0	Unknown	6,240
0	Unknown	6,240
RGD1306058	Rattus norvegicus similar to RIKEN cDNA 1110007C09 (RGD1306058), mRNA [NM_001134572]	6,240
LOC684745	PREDICTED: Rattus norvegicus similar to germinal histone H4 gene (LOC684745), mRNA [XM_001071818]	6,239
Ndufaf4	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 (Ndufaf4), nuclear gene encoding mitochondrial protein, mRNA [NM_198783]	6,239
Pcnx12	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AB99] [ENSRNOT00000030077]	6,238
Dip2c	Rattus norvegicus DIP2 disco-interacting protein 2 homolog C (Drosophila) (Dip2c), mRNA [NM_001107360]	6,238
0	RGD1565425 protein [Source:UniProtKB/TrEMBL;Acc:B0BMZ8] [ENSRNOT00000065777]	6,238
Hs3st3a1	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1 (Hs3st3a1), mRNA [NM_001172067]	6,238
Plac1l	PREDICTED: Rattus norvegicus placenta-specific 1-like (Plac1l), mRNA [XM_001076035]	6,237
Rbm24	Rattus norvegicus RNA binding motif protein 24 (Rbm24), mRNA [NM_001191100]	6,237
RGD1304931	Rattus norvegicus similar to RIKEN cDNA 2310042D19 (RGD1304931), mRNA [NM_001108001]	6,236
0	Unknown	6,235
Rtp1	Rattus norvegicus receptor (chemosensory) transporter protein 1 (Rtp1), mRNA [NM_001105870]	6,233
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSP3] [ENSRNOT00000068004]	6,232
Hspb1	Rattus norvegicus heat shock protein 1 (Hspb1), mRNA [NM_031970]	6,231
RGD1308261	Rattus norvegicus similar to RIKEN cDNA 1190005P17 (RGD1308261), mRNA [NM_001134464]	6,229
RGD1563863	Rattus norvegicus similar to expressed sequence AI553587 (RGD1563863), mRNA [NM_001127559]	6,228
0	Unknown	6,227
Scg2	Rattus norvegicus secretogranin II (chromogranin C) (Scg2), mRNA [NM_022669]	6,227
Cabp1	Rattus norvegicus calcium binding protein 1 (Cabp1), transcript variant 3, mRNA [NM_001033676]	6,225
LOC292449	PREDICTED: Rattus norvegicus similar to hypothetical protein (LOC292449), miscRNA [XR_085688]	6,225
0	Unknown	6,225
Fbn2	Rattus norvegicus fibrillin 2 (Fbn2), mRNA [NM_031826]	6,224
Rhebl1	Rattus norvegicus Ras homolog enriched in brain like 1 (Rhebl1), mRNA [NM_182825]	6,224
Gpatc2	Rattus norvegicus G patch domain containing 2 (Gpatc2), mRNA [NM_001011909]	6,224
Gmfg	Rattus norvegicus glia maturation factor, gamma (Gmfg), mRNA [NM_181091]	6,224
RGD1563979	PREDICTED: Rattus norvegicus similar to over-expressed breast tumor protein (RGD1563979), mRNA [XM_001064610]	6,223

Dll1	Rattus norvegicus delta-like 1 (Drosophila) (Dll1), mRNA [NM_032063]	6,223
Ankrd12	Rattus norvegicus ankyrin repeat domain 12 (Ankrd12), mRNA [NM_001108238]	6,223
Rp1	Rattus norvegicus retinitis pigmentosa 1 (human) (Rp1), mRNA [NM_001195676]	6,223
Gramd1a	Rattus norvegicus GRAM domain containing 1A (Gramd1a), mRNA [NM_001014160]	6,222
0	Homeobox protein cut-like 1 [Source:UniProtKB/Swiss-Prot;Acc:P53565] [ENSRNOT00000044841]	6,222
Znf483	Rattus norvegicus zinc finger protein 483 (Znf483), mRNA [NM_133422]	6,222
Rnf138	Rattus norvegicus ring finger protein 138 (Rnf138), mRNA [NM_053588]	6,221
Dusp4	Rattus norvegicus dual specificity phosphatase 4 (Dusp4), mRNA [NM_022199]	6,218
0	Unknown	6,218
LOC100366132	PREDICTED: Rattus norvegicus Glyceraldehyde-3-phosphate dehydrogenase-like (LOC100366132), mRNA [XM_002726560]	6,217
RGD1563667	Rattus norvegicus similar to TDPOZ3 (RGD1563667), mRNA [NM_001100985]	6,216
Zscan18	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCL4] [ENSRNOT00000036880]	6,216
0	Unknown	6,216
LOC681140	PREDICTED: Rattus norvegicus similar to 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) (LOC681140), mRNA [XM_001060456]	6,216
Arpp21	Rattus norvegicus cAMP-regulated phosphoprotein 21 (Arpp21), transcript variant 2, mRNA [NM_001135045]	6,215
0	Unknown	6,215
LOC684681	PREDICTED: Rattus norvegicus similar to Histone H1.2 (H1 VAR.1) (H1c) (LOC684681), mRNA [XM_001071565]	6,214
0	Rattus norvegicus TL0ADA12YN23 mRNA sequence. [FQ223309]	6,214
Bicd2	Rattus norvegicus bicaudal D homolog 2 (Drosophila) (Bicd2), transcript variant 1, mRNA [NM_001033674]	6,214
0	Unknown	6,213
mrpl11	Rattus norvegicus mitochondrial ribosomal protein L11 (mrpl11), nuclear gene encoding mitochondrial protein, mRNA [NM_001006973]	6,213
Cxadr	Rattus norvegicus coxsackie virus and adenovirus receptor (Cxadr), mRNA [NM_053570]	6,212
Ndufab1	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1 (Ndufab1), nuclear gene encoding mitochondrial protein, mRNA [NM_001106294]	6,210
0	Vesicle transport through interaction with t-SNAREs homolog 1B [Source:UniProtKB/Swiss-Prot;Acc:P58200] [ENSRNOT00000015814]	6,210
Pnn	Rattus norvegicus pinin, desmosome associated protein (Pnn), mRNA [NM_001109023]	6,209
Mcc	Rattus norvegicus mutated in colorectal cancers (Mcc), mRNA [NM_001170534]	6,208
Chrdl1	Rattus norvegicus kohjirin (Chrdl1), mRNA [NM_199502]	6,207
Lrmp	PREDICTED: Rattus norvegicus lymphoid-restricted membrane protein (Lrmp), mRNA [XM_001074768]	6,206
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A273] [ENSRNOT00000007422]	6,205
RGD1566369	40S ribosomal protein S8 [Source:UniProtKB/TrEMBL;Acc:D3ZIE1] [ENSRNOT00000006662]	6,205
Plcg1	Rattus norvegicus phospholipase C, gamma 1 (Plcg1), mRNA [NM_013187]	6,205
0	LOC499746 protein [Source:UniProtKB/TrEMBL;Acc:Q498T7] [ENSRNOT00000062007]	6,205

0	Unknown	6,204
Dmbx1	Rattus norvegicus diencephalon/mesencephalon homeobox 1 (Dmbx1), mRNA [NM_001107961]	6,204
Ccdc152	Rattus norvegicus coiled-coil domain containing 152 (Ccdc152), mRNA [NM_001191959]	6,204
RGD1559999	PREDICTED: Rattus norvegicus similar to DNA segment, Chr 5, ERATO Doi 577, expressed (RGD1559999), mRNA [XM_001069829]	6,204
Exosc9	Rattus norvegicus exosome component 9 (Exosc9), mRNA [NM_001025406]	6,203
Akap13	Rattus norvegicus A kinase (PRKA) anchor protein 13 (Akap13), mRNA [NM_001106271]	6,203
Arse	Rattus norvegicus arylsulfatase E (chondrodysplasia punctata 1) (Arse), mRNA [NM_001047885]	6,202
Cript	Rattus norvegicus cysteine-rich PDZ-binding protein (Cript), mRNA [NM_019907]	6,202
LOC691725	PREDICTED: Rattus norvegicus similar to Nucleolar RNA helicase 2 (Nucleolar RNA helicase II) (Nucleolar RNA helicase Gu) (RH II/Gu) (Gu-alpha) (DEAD box protein 21) (LOC691725), miscRNA [XR_086290]	6,202
0	Unknown	6,202
Supt7l	Rattus norvegicus suppressor of Ty 7 (<i>S. cerevisiae</i>)-like (Supt7l), mRNA [NM_001108010]	6,201
RGD1304827	Rattus norvegicus hypothetical LOC316091 (RGD1304827), mRNA [NM_001009437]	6,201
LOC688916	PREDICTED: Rattus norvegicus hypothetical protein LOC688916 (LOC688916), mRNA [XM_001068819]	6,200
LOC689725	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCW3] [ENSRNOT00000037765]	6,198
LOC680097	PREDICTED: Rattus norvegicus similar to germinal histone H4 gene (LOC680097), mRNA [XM_001055696]	6,198
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ99] [ENSRNOT00000046318]	6,197
Fzd2	Rattus norvegicus frizzled homolog 2 (<i>Drosophila</i>) (Fzd2), mRNA [NM_172035]	6,196
Ddrk1	Rattus norvegicus DDRGK domain containing 1 (Ddrk1), mRNA [NM_001106512]	6,196
Lactb2	Rattus norvegicus lactamase, beta 2 (Lactb2), mRNA [NM_001024247]	6,196
Cul5	Rattus norvegicus cullin 5 (Cul5), mRNA [NM_022683]	6,194
Slu7	Rattus norvegicus SLU7 splicing factor homolog (<i>S. cerevisiae</i>) (Slu7), mRNA [NM_001100550]	6,194
Myeov2	Rattus norvegicus myeloma overexpressed 2 (Myeov2), mRNA [NM_001109044]	6,194
Ddr2	Rattus norvegicus discoidin domain receptor tyrosine kinase 2 (Ddr2), mRNA [NM_031764]	6,193
Zfp3	Rattus norvegicus zinc finger protein 3 (Zfp3), mRNA [NM_001109034]	6,192
Fadd	Rattus norvegicus Fas (TNFRSF6)-associated via death domain (Fadd), mRNA [NM_152937]	6,192
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRI2] [ENSRNOT00000012282]	6,192
Pitpnm2	Rattus norvegicus phosphatidylinositol transfer protein, membrane-associated 2 (Pitpnm2), mRNA [NM_001107139]	6,191
Tgm4	Rattus norvegicus transglutaminase 4 (prostate) (Tgm4), mRNA [NM_022713]	6,191
Actg1	Rattus norvegicus actin, gamma 1 (Actg1), mRNA [NM_001127449]	6,190
Myo10	Rattus norvegicus myosin X (Myo10), mRNA [NM_001107657]	6,189
Usp35	PREDICTED: Rattus norvegicus ubiquitin specific peptidase 35 (Usp35), mRNA [XM_001064027]	6,189
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHI0] [ENSRNOT00000061428]	6,186
RGD1309350	Rattus norvegicus similar to transthyretin (4L369) (RGD1309350), mRNA [NM_001134507]	6,184

Tmem27	Rattus norvegicus transmembrane protein 27 (Tmem27), mRNA [NM_020976]	6,184
Fam108a1	Rattus norvegicus family with sequence similarity 108, member A1 (Fam108a1), mRNA [NM_001006983]	6,183
Pold3	Rattus norvegicus polymerase (DNA-directed), delta 3, accessory subunit (Pold3), mRNA [NM_001024750]	6,182
0	Unknown	6,181
RGD1563613	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AE10] [ENSRNOT00000044779]	6,181
Zfp335	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXD5] [ENSRNOT00000023521]	6,180
Unc13c	Rattus norvegicus unc-13 homolog C (C. elegans) (Unc13c), mRNA [NM_173146]	6,180
0	Unknown	6,178
Casp2	Rattus norvegicus caspase 2 (Casp2), mRNA [NM_022522]	6,178
LOC682138	PREDICTED: Rattus norvegicus similar to DEAD (Asp-Glu-Ala-Asp) box polypeptide 43 (LOC682138), mRNA [XM_001060057]	6,177
Rem2	Rattus norvegicus RAS (RAD and GEM) like GTP binding 2 (Rem2), mRNA [NM_022685]	6,177
RGD1562612	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1110003E01 (RGD1562612), mRNA [XM_577381]	6,176
Rabepk	Rattus norvegicus Rab9 effector protein with kelch motifs (Rabepk), mRNA [NM_001024871]	6,175
Ppm1b	Rattus norvegicus protein phosphatase 1B, magnesium dependent, beta isoform (Ppm1b), mRNA [NM_033096]	6,175
0	Unknown	6,175
Abcb4	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 4 (Abcb4), mRNA [NM_012690]	6,175
Wwc1	PREDICTED: Rattus norvegicus WW and C2 domain containing 1, transcript variant 2 (Wwc1), mRNA [XM_002724669]	6,173
Fam49a	Rattus norvegicus family with sequence similarity 49, member A (Fam49a), mRNA [NM_001106718]	6,173
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUC5] [ENSRNOT00000046312]	6,173
Alas1	Rattus norvegicus aminolevulinate, delta-, synthase 1 (Alas1), mRNA [NM_024484]	6,171
Gon4l	Rattus norvegicus gon-4-like (C. elegans) (Gon4l), mRNA [NM_001024797]	6,171
Zbtb20	Rattus norvegicus zinc finger and BTB domain containing 20 (Zbtb20), mRNA [NM_001105880]	6,170
Traf7	Rattus norvegicus Tnf receptor-associated factor 7 (Traf7), mRNA [NM_001127548]	6,170
RGD1566036	Rattus norvegicus similar to RIKEN cDNA 2310008H04 (RGD1566036), mRNA [NM_001100988]	6,168
Mtor	Rattus norvegicus mechanistic target of rapamycin (serine/threonine kinase) (Mtor), mRNA [NM_019906]	6,168
Dbx2	Homeodomain protein Dbx2 [Source:UniProtKB/TrEMBL;Acc:Q5DWV0] [ENSRNOT00000009143]	6,167
Prmt5	Rattus norvegicus protein arginine methyltransferase 5 (Prmt5), mRNA [NM_001108867]	6,167
N6amt1	Rattus norvegicus N-6 adenine-specific DNA methyltransferase 1 (putative) (N6amt1), mRNA [NM_001191592]	6,166
Vip	Rattus norvegicus vasoactive intestinal peptide (Vip), mRNA [NM_053991]	6,165
Zbtb39	Rattus norvegicus zinc finger and BTB domain containing 39 (Zbtb39), mRNA [NM_001130537]	6,165
0	Unknown	6,164
Rab9a	Rattus norvegicus RAB9A, member RAS oncogene family (Rab9a), mRNA [NM_053458]	6,163
0	Unknown	6,163
Haus3	Rattus norvegicus HAUS augmin-like complex, subunit 3 (Haus3), mRNA [NM_001109412]	6,160

Slc40a1	Rattus norvegicus solute carrier family 39 (iron-regulated transporter), member 1 (Slc40a1), mRNA [NM_133315]	6,160
Abcb1b	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 1B (Abcb1b), mRNA [NM_012623]	6,159
Atp5i	Rattus norvegicus ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit E (Atp5i), nuclear gene encoding mitochondrial protein, mRNA [NM_080481]	6,159
0	PREDICTED: Rattus norvegicus 40S ribosomal protein SA-like (LOC100365517), mRNA [XM_002726683]	6,158
Bcap29	Rattus norvegicus B-cell receptor-associated protein 29 (Bcap29), mRNA [NM_001006980]	6,158
Aacs	Rattus norvegicus acetoacetyl-CoA synthetase (Aacs), mRNA [NM_023104]	6,158
Kcnab1	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, beta member 1 (Kcnab1), mRNA [NM_017303]	6,158
Glr2	Rattus norvegicus glycine receptor, alpha 2 (Glr2), mRNA [NM_012568]	6,155
Map7d1	Rattus norvegicus MAP7 domain containing 1 (Map7d1), mRNA [NM_001109438]	6,155
Slc12a7	Rattus norvegicus solute carrier family 12 (potassium/chloride transporters), member 7 (Slc12a7), mRNA [NM_001013144]	6,154
LOC684623	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKJ1] [ENSRNOT00000003659]	6,154
Slc35e4	Rattus norvegicus solute carrier family 35, member E4 (Slc35e4), mRNA [NM_153316]	6,154
Nkx6-3	Rattus norvegicus NK6 homeobox 3 (Nkx6-3), mRNA [NM_001109455]	6,154
0	Unknown	6,153
Tmem194b	Rattus norvegicus transmembrane protein 194B (Tmem194b), mRNA [NM_001134642]	6,153
Mapk13	Rattus norvegicus mitogen activated protein kinase 13 (Mapk13), mRNA [NM_019231]	6,153
RGD1310861	Rattus norvegicus similar to RIKEN cDNA 1500011H22 (RGD1310861), mRNA [NM_001008290]	6,153
Cd97	Rattus norvegicus CD97 molecule (Cd97), mRNA [NM_001012164]	6,152
Rgnef	Rattus norvegicus Rho-guanine nucleotide exchange factor (Rgnef), mRNA [NM_001108542]	6,151
Crif3	Rattus norvegicus unknown mRNA sequence. [AF072835]	6,151
Elavl2	Rattus norvegicus ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B) (Elavl2), mRNA [NM_173309]	6,149
0	Unknown	6,148
Cyp2a1	Rattus norvegicus cytochrome P450, family 2, subfamily a, polypeptide 1 (Cyp2a1), mRNA [NM_012692]	6,148
Dner	PREDICTED: Rattus norvegicus delta/notch-like EGF repeat containing (Dner), mRNA [XM_001064351]	6,147
Ngfrap1	Rattus norvegicus nerve growth factor receptor (TNFRSF16) associated protein 1 (Ngfrap1), mRNA [NM_053401]	6,147
0	Unknown	6,146
Nif3l1	Rattus norvegicus NIF3 NGG1 interacting factor 3-like 1 (S. pombe) (Nif3l1), mRNA [NM_001024763]	6,146
Olr13	Rattus norvegicus olfactory receptor 13 (Olr13), mRNA [NM_001000116]	6,146
Rpl24	Rattus norvegicus ribosomal protein L24 (Rpl24), mRNA [NM_022515]	6,144
LOC679934	Rattus norvegicus similar to chromosome 3 open reading frame 10 (LOC679934), mRNA [NM_001195476]	6,143
0	Unknown	6,143
Kcnj14	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 14 (Kcnj14), mRNA [NM_170718]	6,143
0	Unknown	6,142

Skp2	Rattus norvegicus S-phase kinase-associated protein 2 (p45) (Skp2), mRNA [NM_001106416]	6,142
Atp6v0d1	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V0 subunit D1 (Atp6v0d1), mRNA [NM_001011927]	6,141
LOC679824	PREDICTED: Rattus norvegicus hypothetical protein LOC679824 (LOC679824), miscRNA [XR_085739]	6,141
LOC683410	PREDICTED: Rattus norvegicus similar to ankyrin repeat domain 33, transcript variant 2 (LOC683410), mRNA [XM_002726976]	6,140
Irf1	Rattus norvegicus interferon regulatory factor 1 (Irf1), mRNA [NM_012591]	6,140
Tle1	Rattus norvegicus transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila) (Tle1), mRNA [NM_001173433]	6,139
Ccdc88b	Rattus norvegicus coiled-coil domain containing 88B (Ccdc88b), mRNA [NM_001108517]	6,139
0	Unknown	6,138
0	Unknown	6,137
Ercc5	Rattus norvegicus excision repair cross-complementing rodent repair deficiency, complementation group 5 (Ercc5), mRNA [NM_001106910]	6,137
Ube2q1	Rattus norvegicus ubiquitin-conjugating enzyme E2Q family member 1 (Ube2q1), mRNA [NM_001106448]	6,136
LOC501307	Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d, mRNA (cDNA clone IMAGE:7310837). [BC088860]	6,136
0	large tumor suppressor Gene [Source:MGI Symbol;Acc:MGI:1333883] [ENSRNOT00000020098]	6,136
Pip5k1b	Rattus norvegicus phosphatidylinositol-4-phosphate 5-kinase, type I, beta (Pip5k1b), mRNA [NM_001012743]	6,136
Tfeb	Rattus norvegicus transcription factor EB (Tfeb), mRNA [NM_001025707]	6,135
Gnb1l	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSP4] [ENSRNOT00000002596]	6,134
0	CD209 antigen-like protein C [Source:RefSeq peptide;Acc:NP_001178024] [ENSRNOT000000061750]	6,133
Spetex-2A	Rattus norvegicus Spetex-2A protein (Spetex-2A), mRNA [NM_001009976]	6,131
Tnfsf13b	Rattus norvegicus tumor necrosis factor (ligand) superfamily, member 13b (Tnfsf13b), mRNA [NM_001109112]	6,131
0	PREDICTED: Rattus norvegicus pro-histogranin (LOC502940), miscRNA [XR_009615]	6,131
0	Rattus norvegicus similar to putative protein kinase (LOC292372), mRNA [XM_217965]	6,130
Cdc20	Rattus norvegicus cell division cycle 20 homolog (S. cerevisiae) (Cdc20), mRNA [NM_171993]	6,129
0	Unknown	6,128
Vps54	Rattus norvegicus vacuolar protein sorting 54 homolog (S. cerevisiae) (Vps54), mRNA [NM_173147]	6,127
Bub1	Rattus norvegicus budding uninhibited by benzimidazoles 1 homolog (S. cerevisiae) (Bub1), mRNA [NM_001106507]	6,127
Slc25a26	Rattus norvegicus solute carrier family 25, member 26 (Slc25a26), nuclear gene encoding mitochondrial protein, mRNA [NM_001108638]	6,126
LOC500959	Rattus norvegicus triosephosphate isomerase (LOC500959), mRNA [NM_001033072]	6,126
LOC100363289	Rattus norvegicus LRRGT00022-like (LOC100363289), mRNA [NM_001177825]	6,125
Lrrc1	Rattus norvegicus leucine rich repeat containing 1 (Lrrc1), mRNA [NM_001014268]	6,124
Tctex1d2	Rattus norvegicus Tctex1 domain containing 2 (Tctex1d2), mRNA [NM_001109054]	6,124
Bnip1	Rattus norvegicus BCL2/adenovirus E1B interacting protein 1 (Bnip1), mRNA [NM_080897]	6,122
Fbxo8	Rattus norvegicus F-box protein 8 (Fbxo8), mRNA [NM_001012050]	6,122
0	Unknown	6,121
LOC303590	PREDICTED: Rattus norvegicus similar to cactin CG1676-PA (LOC303590), miscRNA [XR_006385]	6,121

Hspa4l	Rattus norvegicus heat shock protein 4-like (Hspa4l), mRNA [NM_001106428]	6,120
Hmgcl	Rattus norvegicus 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase (Hmgcl), nuclear gene encoding mitochondrial protein, mRNA [NM_024386]	6,120
Lipt2	Rattus norvegicus lipoyl(octanoyl) transferase 2 (putative) (Lipt2), nuclear gene encoding mitochondrial protein, mRNA [NM_001108917]	6,117
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHM7] [ENSRNOT00000036931]	6,116
Hist1h2ail	Rattus norvegicus histone cluster 1, H2ai-like (Hist1h2ail), mRNA [NM_001013056]	6,115
Brp16	Rattus norvegicus brain protein 16 (Brp16), mRNA [NM_001007707]	6,113
Zzz3	Rattus norvegicus zinc finger, ZZ-type containing 3 (Zzz3), mRNA [NM_001134549]	6,112
Pus3	Rattus norvegicus pseudouridylate synthase 3 (Pus3), mRNA [NM_001108134]	6,112
Chrd	Rattus norvegicus chordin (Chrd), mRNA [NM_057134]	6,111
Ralgds	Rattus norvegicus ral guanine nucleotide dissociation stimulator (Ralgds), mRNA [NM_019250]	6,111
LOC363337	Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363337), mRNA [NM_001014221]	6,111
Nkain4	Rattus norvegicus Na ⁺ /K ⁺ transporting ATPase interacting 4 (Nkain4), mRNA [NM_001106550]	6,111
0	Unknown	6,110
Doc2a	Rattus norvegicus double C2-like domains, alpha (Doc2a), mRNA [NM_022937]	6,110
Wdr24	Rattus norvegicus WD repeat domain 24 (Wdr24), mRNA [NM_001191084]	6,109
0	Unknown	6,109
RGD1566215	Rattus norvegicus similar to Coatomer gamma-2 subunit (Gamma-2 coat protein) (Gamma-2 COP) (RGD1566215), mRNA [NM_001106929]	6,108
Dusp1	Rattus norvegicus dual specificity phosphatase 1 (Dusp1), mRNA [NM_053769]	6,108
St8sia4	Rattus norvegicus ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 (St8sia4), mRNA [NM_053914]	6,107
0	YTH domain family protein 3 [Source:RefSeq peptide;Acc:NP_001102016] [ENSRNOT00000052093]	6,106
Adcy7	Rattus norvegicus adenylate cyclase 7 (Adcy7), mRNA [NM_053396]	6,105
Katnal2	PREDICTED: Rattus norvegicus katanin p60 subunit A-like 2 (Katnal2), mRNA [XM_001055413]	6,105
0	Unknown	6,104
LOC686041	Rattus norvegicus cDNA clone IMAGE:6889638, partial cds. [BC059164]	6,104
LOC689425	Rattus norvegicus hypothetical protein LOC689425 (LOC689425), mRNA [NM_001135002]	6,102
Anapc10	Rattus norvegicus anaphase promoting complex subunit 10 (Anapc10), mRNA [NM_001108445]	6,102
Sstr1	Rattus norvegicus somatostatin receptor 1 (Sstr1), mRNA [NM_012719]	6,100
Mlycd	Rattus norvegicus malonyl-CoA decarboxylase (Mlycd), nuclear gene encoding mitochondrial protein, mRNA [NM_053477]	6,100
Olr1162	Rattus norvegicus olfactory receptor 1162 (Olr1162), mRNA [NM_001000870]	6,098
Ndufv3	Rattus norvegicus NADH dehydrogenase (ubiquinone) flavoprotein 3 (Ndufv3), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_022607]	6,098
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGN8] [ENSRNOT00000049028]	6,097
0	Unknown	6,096

0	Unknown	6,096
Mia	Rattus norvegicus melanoma inhibitory activity (Mia), mRNA [NM_030852]	6,094
Mtdh	Rattus norvegicus metadherin (Mtdh), mRNA [NM_133398]	6,094
Nsun6	Rattus norvegicus NOL1/NOP2/Sun domain family, member 6 (Nsun6), mRNA [NM_001107367]	6,094
Jag2	PREDICTED: Rattus norvegicus jagged 2 (Jag2), mRNA [XM_001073124]	6,094
Col6a3	Rattus norvegicus procollagen, type VI, alpha 3 (Col6a3), mRNA [NM_001109008]	6,092
RGD1559748	Rattus norvegicus similar to Palate lung and nasal carcinoma-like protein precursor (Tongue plunc-like protein) (RGD1559748), mRNA [NM_001107792]	6,092
Trim45	Rattus norvegicus tripartite motif-containing 45 (Trim45), mRNA [NM_001106453]	6,091
Cby3	PREDICTED: Rattus norvegicus chibby homolog 3 (Drosophila) (Cby3), mRNA [XM_001074756]	6,091
Olr1475	Rattus norvegicus olfactory receptor 1475 (Olr1475), mRNA [NM_001000027]	6,090
lqce	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUL9] [ENSRNOT00000051565]	6,090
Neto2	Neuropilin and tolloid-like protein 2 [Source:UniProtKB/Swiss-Prot;Acc:C6K2K4] [ENSRNOT00000021739]	6,089
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJP9] [ENSRNOT00000033716]	6,089
Triml2	Rattus norvegicus tripartite motif family-like 2 (Triml2), mRNA [NM_001191690]	6,089
Itga6	Integrin alpha 6 subchain [Source:UniProtKB/TrEMBL;Acc:Q924W3] [ENSRNOT00000002075]	6,087
Bcl6	Rattus norvegicus B-cell CLL/lymphoma 6 (Bcl6), mRNA [NM_001107084]	6,087
Gnb4	Rattus norvegicus guanine nucleotide binding protein (G protein), beta polypeptide 4 (Gnb4), mRNA [NM_001013910]	6,085
Utx	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADF1] [ENSRNOT00000005742]	6,084
Yy1	Rattus norvegicus YY1 transcription factor (Yy1), mRNA [NM_173290]	6,084
LOC685909	Rattus norvegicus similar to H2A histone family, member V isoform 1 (LOC685909), mRNA [NM_001106019]	6,083
LOC686240	PREDICTED: Rattus norvegicus similar to NMDA receptor regulated 1-like, transcript variant 2 (LOC686240), mRNA [XM_001073064]	6,082
Dusp26	Rattus norvegicus dual specificity phosphatase 26 (putative) (Dusp26), mRNA [NM_001012352]	6,082
Ccdc90b	Rattus norvegicus coiled-coil domain containing 90B (Ccdc90b), mRNA [NM_001024885]	6,082
RGD1309765	Rattus norvegicus similar to hypothetical protein (RGD1309765), mRNA [NM_001169115]	6,082
Fam161a	Rattus norvegicus family with sequence similarity 161, member A (Fam161a), mRNA [NM_001013876]	6,081
Yme1l1	Rattus norvegicus YME1-like 1 (S. cerevisiae) (Yme1l1), nuclear gene encoding mitochondrial protein, mRNA [NM_053682]	6,081
Tph1	Rattus norvegicus tryptophan hydroxylase 1 (Tph1), mRNA [NM_001100634]	6,081
Thumpd1	Rattus norvegicus THUMP domain containing 1 (Thumpd1), mRNA [NM_001009688]	6,080
0	Unknown	6,080
fut10	Rattus norvegicus alpha3-fucosyltransferase (fut10), mRNA [NM_001012360]	6,080
Ints12	Rattus norvegicus integrator complex subunit 12 (Ints12), mRNA [NM_001007640]	6,079
Comm3	Rattus norvegicus COMM domain containing 3 (Comm3), mRNA [NM_198732]	6,079
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3V7] [ENSRNOT00000023451]	6,079

Oxsm	Rattus norvegicus 3-oxoacyl-ACP synthase, mitochondrial (Oxsm), nuclear gene encoding mitochondrial protein, mRNA [NM_001100508]	6,079
0	Rattus norvegicus similar to SEPIAPTERIN REDUCTASE (SPR) (LOC297402), mRNA [XM_216190]	6,077
Kcns3	Rattus norvegicus potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 (Kcns3), mRNA [NM_031778]	6,077
Lrrc68	Rattus norvegicus leucine rich repeat containing 68 (Lrrc68), mRNA [NM_001107482]	6,077
Pih1d1	Rattus norvegicus PIH1 domain containing 1 (Pih1d1), mRNA [NM_001024868]	6,076
LOC686456	PREDICTED: Rattus norvegicus similar to zinc finger protein 218 (LOC686456), mRNA [XM_001074194]	6,075
0	Unknown	6,075
Klk1l	Rattus norvegicus kallikrein 1-like peptidase (Klk1l), mRNA [NM_012593]	6,074
Amz1	Rattus norvegicus archaelysin family metallopeptidase 1 (Amz1), mRNA [NM_001047092]	6,074
0	Unknown	6,073
Arih2	Rattus norvegicus ariadne homolog 2 (Drosophila) (Arih2), mRNA [NM_001012275]	6,073
Ankrd1	Rattus norvegicus ankyrin repeat domain 1 (cardiac muscle) (Ankrd1), mRNA [NM_013220]	6,073
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZD16] [ENSRNOT00000012794]	6,072
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKK0] [ENSRNOT00000062086]	6,071
Tars2	Rattus norvegicus threonyl-tRNA synthetase 2, mitochondrial (putative) (Tars2), nuclear gene encoding mitochondrial protein, mRNA [NM_001014040]	6,070
Gmpr	Rattus norvegicus guanosine monophosphate reductase (Gmpr), mRNA [NM_057188]	6,070
RGD1311307	Rattus norvegicus similar to 1300014I06Rik protein (RGD1311307), mRNA [NM_001025719]	6,067
Fyco1	Rattus norvegicus FYVE and coiled-coil domain containing 1 (Fyco1), mRNA [NM_001106870]	6,066
Maea	Rattus norvegicus macrophage erythroblast attacher (Maea), mRNA [NM_001008319]	6,065
0	Rattus norvegicus TL0ADA9YM19 mRNA sequence. [FQ228322]	6,065
Prdx2	Rattus norvegicus peroxiredoxin 2 (Prdx2), nuclear gene encoding mitochondrial protein, mRNA [NM_017169]	6,065
Mpdz	Rattus norvegicus multiple PDZ domain protein (Mpdz), mRNA [NM_019196]	6,063
Cd8b	Rattus norvegicus CD8b molecule (Cd8b), mRNA [NM_031539]	6,063
Tssc4	Rattus norvegicus tumor suppressing subtransferable candidate 4 (Tssc4), mRNA [NM_001013194]	6,062
Tchh	PREDICTED: Rattus norvegicus trichohyalin (Tchh), mRNA [XM_001054694]	6,062
Far1	Rattus norvegicus fatty acyl CoA reductase 1 (Far1), mRNA [NM_001011933]	6,062
RGD1564964	Rattus norvegicus similar to WD repeat domain 11 protein (RGD1564964), mRNA [NM_001134564]	6,062
Ifna1	Rattus norvegicus interferon-alpha 1 (Ifna1), mRNA [NM_001014786]	6,061
Pan2	Rattus norvegicus PAN2 polyA specific ribonuclease subunit homolog (S. cerevisiae) (Pan2), mRNA [NM_001008862]	6,060
Smchd1	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 4931400A14 (RGD1307234), mRNA [XM_001056555]	6,060
Xpo1	Rattus norvegicus exportin 1, CRM1 homolog (yeast) (Xpo1), mRNA [NM_053490]	6,058
Tmem212	Rattus norvegicus transmembrane protein 212 (Tmem212), transcript variant 2, mRNA [NM_001164439]	6,058
LOC681908	Rattus norvegicus hypothetical protein LOC681908 (LOC681908), mRNA [NM_001127609]	6,055

0	Unknown	6,054
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8H1] [ENSRNOT00000027841]	6,054
0	Unknown	6,053
0	Unknown	6,052
Zfp207	Rattus norvegicus zinc finger protein 207 (Zfp207), mRNA [NM_001039020]	6,051
Mfap1a	Rattus norvegicus microfibrillar-associated protein 1A (Mfap1a), mRNA [NM_001191964]	6,051
RGD1565775	LOC361980 protein [Source:UniProtKB/TrEMBL;Acc:Q56A23] [ENSRNOT00000027385]	6,051
Creld1	Rattus norvegicus cysteine-rich with EGF-like domains 1 (Creld1), mRNA [NM_001024783]	6,050
0	Unknown	6,049
0	Unknown	6,049
Mcf2l	Rattus norvegicus MCF.2 cell line derived transforming sequence-like (Mcf2l), mRNA [NM_053951]	6,049
Cytip	Rattus norvegicus cytohesin 1 interacting protein (Cytip), mRNA [NM_001012086]	6,049
Spock3	Rattus norvegicus sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 3 (Spock3), mRNA [NM_001107310]	6,048
Tmcc3	Rattus norvegicus transmembrane and coiled-coil domain family 3 (Tmcc3), mRNA [NM_001108084]	6,047
E2f1	Rattus norvegicus E2F transcription factor 1 (E2f1), mRNA [NM_001100778]	6,046
Aurkc	Rattus norvegicus aurora kinase C (Aurkc), mRNA [NM_001106221]	6,046
0	UI-R-BJ1-awi-h-01-0-UI.s1 UI-R-BJ1 Rattus norvegicus cDNA clone UI-R-BJ1-awi-h-01-0-UI 3', mRNA sequence [BE113996]	6,046
Enpp4	Rattus norvegicus ectonucleotide pyrophosphatase/phosphodiesterase 4 (Enpp4), mRNA [NM_001106892]	6,045
0	Unknown	6,043
Myo19	Rattus norvegicus myosin XIX (Myo19), mRNA [NM_001163736]	6,041
Olr1583	Rattus norvegicus olfactory receptor 1583 (Olr1583), mRNA [NM_001000080]	6,038
Nampt	Rattus norvegicus nicotinamide phosphoribosyltransferase (Nampt), mRNA [NM_177928]	6,037
Bpil3	Rattus norvegicus bactericidal/permeability-increasing protein-like 3 (Bpil3), mRNA [NM_001107791]	6,037
Mif	Rattus norvegicus macrophage migration inhibitory factor (Mif), mRNA [NM_031051]	6,037
Akap11	Rattus norvegicus A kinase (PRKA) anchor protein 11 (Akap11), mRNA [NM_012773]	6,037
Irak3	Rattus norvegicus interleukin-1 receptor-associated kinase 3 (Irak3), mRNA [NM_001108101]	6,036
Pik3c2a	Rattus norvegicus phosphoinositide-3-kinase, class 2, alpha polypeptide (Pik3c2a), mRNA [NM_001108500]	6,035
Sbno1	Rattus norvegicus strawberry notch homolog 1 (Drosophila) (Sbno1), mRNA [NM_001107138]	6,034
Usp40	Rattus norvegicus ubiquitin specific peptidase 40 (Usp40), mRNA [NM_001134885]	6,033
Dmtf1	Rattus norvegicus cyclin D binding myb-like transcription factor 1 (Dmtf1), mRNA [NM_053693]	6,031
Cyp2d3	Rattus norvegicus cytochrome P450, family 2, subfamily d, polypeptide 3 (Cyp2d3), mRNA [NM_173093]	6,030
Scfd2	Rattus norvegicus sec1 family domain containing 2 (Scfd2), mRNA [NM_001017499]	6,030
Mettl10	Rattus norvegicus methyltransferase like 10 (Mettl10), mRNA [NM_001108504]	6,030
Grin1a	Rattus norvegicus glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (Grin1a), mRNA [NM_183402]	6,028

Pgm2l1	Rattus norvegicus phosphoglucomutase 2-like 1 (Pgm2l1), mRNA [NM_001109454]	6,028
0	Unknown	6,026
Rnf43	Rattus norvegicus ring finger protein 43 (Rnf43), mRNA [NM_001135921]	6,026
Itih3	Rattus norvegicus inter-alpha trypsin inhibitor, heavy chain 3 (Itih3), mRNA [NM_017351]	6,025
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9X6] [ENSRNOT00000064120]	6,024
0	Unknown	6,023
Atpif1	Rattus norvegicus ATPase inhibitory factor 1 (Atpif1), nuclear gene encoding mitochondrial protein, mRNA [NM_012915]	6,023
Pnck	Rattus norvegicus pregnancy upregulated non-ubiquitously expressed CaM kinase (Pnck), mRNA [NM_017275]	6,022
Gtf2ird2	Rattus norvegicus similar to gtf2ird2 (LOC288606), mRNA [XM_213757]	6,022
RGD1308380	Rattus norvegicus similar to RIKEN cDNA 2310079F23 (RGD1308380), mRNA [NM_001130061]	6,022
Dact2	Rattus norvegicus dapper, antagonist of beta-catenin, homolog 2 (Xenopus laevis) (Dact2), mRNA [NM_001107464]	6,022
0	Unknown	6,021
Ofd1	Rattus norvegicus oral-facial-digital syndrome 1 gene homolog (human) (Ofd1), mRNA [NM_001106961]	6,021
0	Unknown	6,020
LOC685563	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC685563), mRNA [XM_001064312]	6,019
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZS15] [ENSRNOT00000050823]	6,018
Cul4a	Rattus norvegicus cullin 4A (Cul4a), mRNA [NM_001127301]	6,018
0	Unknown	6,017
0	Unknown	6,017
0	Unknown	6,017
Myadml2	Rattus norvegicus myeloid-associated differentiation marker-like 2 (Myadml2), mRNA [NM_001128185]	6,017
Ubr2	Rattus norvegicus ubiquitin protein ligase E3 component n-recognin 2 (Ubr2), mRNA [NM_001178071]	6,016
Sh3glb2	Rattus norvegicus SH3-domain GRB2-like endophilin B2 (Sh3glb2), mRNA [NM_001009692]	6,016
Cdkn2aip	Rattus norvegicus CDKN2A interacting protein (Cdkn2aip), mRNA [NM_001014000]	6,016
Elf1	Rattus norvegicus E74-like factor 1 (Elf1), mRNA [NM_053520]	6,016
Ostf1	Rattus norvegicus osteoclast stimulating factor 1 (Ostf1), mRNA [NM_148892]	6,016
Acot4	Rattus norvegicus acyl-CoA thioesterase 4 (Acot4), mRNA [NM_001109440]	6,015
Itm2b	Rattus norvegicus integral membrane protein 2B (Itm2b), mRNA [NM_001006963]	6,015
Esrp2	Rattus norvegicus epithelial splicing regulatory protein 2 (Esrp2), mRNA [NM_001107423]	6,014
0	Rattus norvegicus obscurin (Obscurin) mRNA, Obscurin-S allele, partial cds. [AY167411]	6,014
Syk	Rattus norvegicus spleen tyrosine kinase (Syk), mRNA [NM_012758]	6,014
Usp40	Rattus norvegicus ubiquitin specific peptidase 40 (Usp40), mRNA [NM_001134885]	6,014
0	Unknown	6,013

Cpamd8	PREDICTED: Rattus norvegicus similar to Murinoglobulin 1 homolog (RGD1566313), mRNA [XM_213006]	6,013
0	Unknown	6,009
RT1-CE3	Rattus norvegicus RT1 class I, locus CE3 (RT1-CE3), mRNA [NM_001008841]	6,009
Nop14	Rattus norvegicus NOP14 nucleolar protein homolog (yeast) (Nop14), mRNA [NM_001106013]	6,008
Usp1	Rattus norvegicus ubiquitin specific peptidase like 1 (Usp1), transcript variant 1, mRNA [NM_001198555]	6,007
Cryz	Rattus norvegicus crystallin, zeta (Cryz), mRNA [NM_001012183]	6,006
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6W5] [ENSRNOT0000009094]	6,006
Kpnb1	Rattus norvegicus karyopherin (importin) beta 1 (Kpnb1), mRNA [NM_017063]	6,006
Map4k3	Rattus norvegicus mitogen-activated protein kinase kinase kinase 3 (Map4k3), mRNA [NM_133407]	6,006
Chmp7	Rattus norvegicus CHMP family, member 7 (Chmp7), mRNA [NM_001108872]	6,005
Grpel2	Rattus norvegicus GrpE-like 2, mitochondrial (Grpel2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109513]	6,005
0	Unknown	6,004
Sfrs12	Rattus norvegicus splicing factor, arginine/serine-rich 12 (Sfrs12), mRNA [NM_020092]	6,002
Lamp2	Rattus norvegicus lysosomal-associated membrane protein 2 (Lamp2), mRNA [NM_017068]	6,002
Pex16	Rattus norvegicus peroxisomal biogenesis factor 16 (Pex16), mRNA [NM_001012088]	6,001
Usp29	Rattus norvegicus ubiquitin specific peptidase 29 (Usp29), mRNA [NM_001108465]	6,000
LOC100361882	PREDICTED: Rattus norvegicus rCG56785-like (LOC100361882), mRNA [XM_002730111]	6,000
Tm4sf20	Rattus norvegicus transmembrane 4 L six family member 20 (Tm4sf20), mRNA [NM_001109618]	5,998
0	Unknown	5,998
Adcy6	Rattus norvegicus adenylylate cyclase 6 (Adcy6), mRNA [NM_012821]	5,997
0	Unknown	5,997
Dtnbp1	Rattus norvegicus distrobrevin binding protein 1 (Dtnbp1), mRNA [NM_001037664]	5,996
0	Unknown	5,996
Chpt1	Rattus norvegicus choline phosphotransferase 1 (Chpt1), mRNA [NM_001007750]	5,996
Rnaset2	Rattus norvegicus ribonuclease T2 (Rnaset2), mRNA [NM_001106210]	5,995
0	Unknown	5,994
0	Unknown	5,994
Gls2	Rattus norvegicus glutaminase 2 (liver, mitochondrial) (Gls2), nuclear gene encoding mitochondrial protein, mRNA [NM_138904]	5,994
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9Y0] [ENSRNOT00000022886]	5,993
Mrfap1	MORF4 family-associated protein 1 [Source:UniProtKB/Swiss-Prot;Acc:Q5M820] [ENSRNOT00000043744]	5,993
0	Unknown	5,993
0	Unknown	5,991
Timm23	Rattus norvegicus translocase of inner mitochondrial membrane 23 homolog (yeast) (Timm23), nuclear gene encoding mitochondrial protein, mRNA [NM_019352]	5,990

0	Vitamin K-dependent gamma-carboxylase [Source:UniProtKB/Swiss-Prot;Acc:O88496] [ENSRNOT00000058024]	5,990
Thap11	Rattus norvegicus THAP domain containing 11 (Thap11), mRNA [NM_001107422]	5,989
0	Unknown	5,989
Exoc6	Rattus norvegicus exocyst complex component 6 (Exoc6), mRNA [NM_019277]	5,989
0	Q3X4I5_9ACTN (Q3X4I5) Queuine/other tRNA-ribosyltransferase:Queuine tRNA-ribosyltransferase , partial (5%) [TC646930]	5,988
B3gat2	Rattus norvegicus beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase S) (B3gat2), mRNA [NM_022609]	5,985
0	Unknown	5,985
Lrp1b	Rattus norvegicus low density lipoprotein-related protein 1B (deleted in tumors) (Lrp1b), mRNA [NM_001107843]	5,985
0	Unknown	5,984
0	plakophilin 4 Gene [Source:MGI Symbol;Acc:MGI:109281] [ENSRNOT00000059246]	5,984
0	RVL12088 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV720985]	5,984
Nrcam	Rattus norvegicus neuronal cell adhesion molecule (Nrcam), mRNA [NM_013150]	5,983
Ctnn	Rattus norvegicus cortactin (Ctnn), mRNA [NM_021868]	5,983
Adk	Rattus norvegicus adenosine kinase (Adk), mRNA [NM_012895]	5,982
Hprt1	Rattus norvegicus hypoxanthine phosphoribosyltransferase 1 (Hprt1), mRNA [NM_012583]	5,981
Ddx18	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 (Ddx18), mRNA [NM_001006996]	5,981
LOC290577	PREDICTED: Rattus norvegicus hypothetical LOC290577 (LOC290577), mRNA [XM_002728376]	5,981
RGD1563714	Rattus norvegicus RGD1563714 (RGD1563714), mRNA [NM_001126297]	5,980
Akr7a2	Rattus norvegicus aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) (Akr7a2), mRNA [NM_134407]	5,978
Lamb3	Rattus norvegicus laminin, beta 3 (Lamb3), mRNA [NM_001100841]	5,977
Pdcd2	Rattus norvegicus programmed cell death 2 (Pdcd2), mRNA [NM_031638]	5,977
LOC498276	Rattus norvegicus Fc gamma receptor II beta (LOC498276), mRNA [NM_001135992]	5,977
Dusp27	Rattus norvegicus dual specificity phosphatase 27 (putative) (Dusp27), mRNA [NM_001191929]	5,977
0	Copper-transporting ATPase 1 [Source:UniProtKB/Swiss-Prot;Acc:P70705] [ENSRNOT00000003395]	5,976
LOC100364138	PREDICTED: Rattus norvegicus ferritin light chain 1-like (LOC100364138), mRNA [XM_002726633]	5,976
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADX4] [ENSRNOT00000060718]	5,976
0	Hepatic leukemia factor [Source:UniProtKB/Swiss-Prot;Acc:Q64709] [ENSRNOT00000055664]	5,975
Atp6v1a	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V1 subunit A (Atp6v1a), mRNA [NM_001108318]	5,974
Megf8	PREDICTED: Rattus norvegicus multiple EGF-like-domains 8 (Megf8), mRNA [XM_341803]	5,973
0	RGD1565316 protein [Source:UniProtKB/TrEMBL;Acc:B2RYK6] [ENSRNOT00000056421]	5,972
Myeov2	Rattus norvegicus myeloma overexpressed 2 (Myeov2), mRNA [NM_001109044]	5,972
Sf4	Rattus norvegicus splicing factor 4 (Sf4), mRNA [NM_001011920]	5,972
Bloc1s2	Rattus norvegicus biogenesis of lysosomal organelles complex-1, subunit 2 (Bloc1s2), mRNA [NM_001037349]	5,972
RGD1306000	Rattus norvegicus similar to CG8043-PA (RGD1306000), mRNA [NM_001108827]	5,972

Tm7sf3	Rattus norvegicus transmembrane 7 superfamily member 3 (Tm7sf3), mRNA [NM_001011970]	5,971
Tmem53	Rattus norvegicus transmembrane protein 53 (Tmem53), mRNA [NM_001107964]	5,971
Stau2	Rattus norvegicus staufen, RNA binding protein, homolog 2 (Drosophila) (Stau2), transcript variant LL, mRNA [NM_001007149]	5,970
Ambp	Rattus norvegicus alpha-1-microglobulin/bikunin precursor (Ambp), mRNA [NM_012901]	5,970
0	Unknown	5,969
Zfyve1	Rattus norvegicus zinc finger, FYVE domain containing 1 (Zfyve1), mRNA [NM_001106743]	5,968
Rps27a	Rattus norvegicus ribosomal protein S27a (Rps27a), mRNA [NM_031113]	5,967
F11r	Rattus norvegicus F11 receptor (F11r), mRNA [NM_053796]	5,967
Ube2s	Rattus norvegicus ubiquitin-conjugating enzyme E2S (Ube2s), mRNA [NM_001106224]	5,967
Lysmd3	Rattus norvegicus LysM, putative peptidoglycan-binding, domain containing 3 (Lysmd3), mRNA [NM_001009698]	5,966
Znf292	Rattus norvegicus zinc finger protein 292 (Znf292), mRNA [NM_001008879]	5,966
Gtf2i	Rattus norvegicus general transcription factor II I (Gtf2i), mRNA [NM_001001512]	5,965
RGD1307597	Rattus norvegicus similar to mKIAA0317 protein (RGD1307597), mRNA [NM_001106744]	5,964
Rtf1	Rattus norvegicus Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) (Rtf1), mRNA [NM_001108958]	5,963
Gusb	Rattus norvegicus glucuronidase, beta (Gusb), mRNA [NM_017015]	5,962
Tacc3	Rattus norvegicus transforming, acidic coiled-coil containing protein 3 (Tacc3), mRNA [NM_001004424]	5,960
Slmo2	Rattus norvegicus slowmo homolog 2 (Drosophila) (Slmo2), mRNA [NM_001009543]	5,960
0	Unknown	5,960
Ccl2	Rattus norvegicus chemokine (C-C motif) ligand 2 (Ccl2), mRNA [NM_031530]	5,960
0	Unknown	5,959
RGD1309138	Rattus norvegicus similar to hypothetical protein MGC9912 (RGD1309138), mRNA [NM_001108981]	5,959
0	Rattus norvegicus TL0AAA45YD16 mRNA sequence. [FQ213860]	5,959
Mapk12	Rattus norvegicus mitogen-activated protein kinase 12 (Mapk12), mRNA [NM_021746]	5,958
Sdf2	Rattus norvegicus stromal cell derived factor 2 (Sdf2), mRNA [NM_001105803]	5,958
Chek2	Rattus norvegicus CHK2 checkpoint homolog (S. pombe) (Chek2), mRNA [NM_053677]	5,958
LOC679630	PREDICTED: Rattus norvegicus similar to eukaryotic translation initiation factor 4, gamma 1 isoform a (LOC679630), mRNA [XM_002727916]	5,958
Aatk	Rattus norvegicus apoptosis-associated tyrosine kinase (Aatk), mRNA [NM_001168703]	5,957
Mul1	Rattus norvegicus mitochondrial ubiquitin ligase activator of NFkB 1 (Mul1), nuclear gene encoding mitochondrial protein, mRNA [NM_001106695]	5,954
Baz1a	Rattus norvegicus bromodomain adjacent to zinc finger domain, 1A (Baz1a), mRNA [NM_001170568]	5,954
St6galnac3	Rattus norvegicus ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (St6galnac3), mRNA [NM_019123]	5,954
Olr1135	Rattus norvegicus olfactory receptor 1135 (Olr1135), mRNA [NM_001000878]	5,953
Msemb	Rattus norvegicus microseminoprotein, beta (Msemb), mRNA [NM_019188]	5,953
LOC302022	Rattus norvegicus similar to nidogen 2 protein (LOC302022), mRNA [NM_001127530]	5,953

Syt8	Rattus norvegicus synaptotagmin VIII (Syt8), mRNA [NM_053325]	5,952
0	PREDICTED: Rattus norvegicus similar to RIKEN cDNA D230037D09 gene (RGD1566396), mRNA [XM_001067433]	5,951
0	Unknown	5,951
RGD1310324	Rattus norvegicus hypothetical LOC287388 (RGD1310324), mRNA [NM_001163492]	5,950
Neur14	Rattus norvegicus neuralized homolog 4 (Drosophila) (Neur14), mRNA [NM_001107013]	5,950
LOC501234	PREDICTED: Rattus norvegicus hypothetical gene supported by BC082068 (LOC501234), mRNA [XM_576655]	5,950
0	Rattus norvegicus similar to ribosomal protein S15 (LOC290226), mRNA [XM_224191]	5,949
Tmem200a	Rattus norvegicus transmembrane protein 200A (Tmem200a), mRNA [NM_001109135]	5,949
Gtf3a	Rattus norvegicus general transcription factor III A (Gtf3a), mRNA [NM_001113570]	5,948
Tcea3	Rattus norvegicus transcription elongation factor A (SII), 3 (Tcea3), mRNA [NM_001015008]	5,947
0	PREDICTED: Rattus norvegicus similar to ribosomal protein L30 (RGD1562394), mRNA [XM_001081708]	5,946
LOC499219	Rattus norvegicus hypothetical protein LOC499219 (LOC499219), mRNA [NM_001047938]	5,945
Fam135a	Rattus norvegicus family with sequence similarity 135, member A (Fam135a), mRNA [NM_001134597]	5,945
RGD1562080	PREDICTED: Rattus norvegicus similar to Hypothetical protein CBG10141 (RGD1562080), mRNA [XM_574108]	5,945
Hist1h2bh	Rattus norvegicus histone cluster 1, H2bh (Hist1h2bh), mRNA [NM_001107352]	5,944
Slc17a9	Rattus norvegicus solute carrier family 17, member 9 (Slc17a9), mRNA [NM_001108613]	5,944
Gcc2	Rattus norvegicus GRIP and coiled-coil domain containing 2 (Gcc2), mRNA [NM_001107633]	5,944
Pcyox1l	Rattus norvegicus prenylcysteine oxidase 1 like (Pcyox1l), mRNA [NM_001134542]	5,944
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEZ9] [ENSRNOT00000064331]	5,943
Mgst1	Rattus norvegicus microsomal glutathione S-transferase 1 (Mgst1), mRNA [NM_134349]	5,943
0	Unknown	5,942
Tmprss9	Rattus norvegicus transmembrane protease, serine 9 (Tmprss9), mRNA [NM_001047100]	5,942
Rhov	Rattus norvegicus ras homolog gene family, member V (Rhov), mRNA [NM_138542]	5,942
Nphp3	Rattus norvegicus nephronophthisis 3 (adolescent) (Nphp3), mRNA [NM_001191882]	5,940
Fau	Rattus norvegicus Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (Fau), transcript variant 1, mRNA [NM_001012739]	5,939
Wdr54	Rattus norvegicus WD repeat domain 54 (Wdr54), mRNA [NM_001109245]	5,938
Elmod3	Rattus norvegicus ELMO/CED-12 domain containing 3 (Elmod3), mRNA [NM_001013087]	5,938
0	Unknown	5,935
Etaa1	Rattus norvegicus Ewing tumor-associated antigen 1 (Etaa1), mRNA [NM_001109094]	5,934
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR70] [ENSRNOT00000030150]	5,933
LOC683761	PREDICTED: Rattus norvegicus similar to RT1 class I, CE11 (LOC683761), partial mRNA [XM_001053482]	5,932
Cyp20a1	Rattus norvegicus cytochrome P450, family 20, subfamily a, polypeptide 1 (Cyp20a1), mRNA [NM_199401]	5,932
Cbx3	Rattus norvegicus chromobox homolog 3 (HP1 gamma homolog, Drosophila) (Cbx3), mRNA [NM_001008313]	5,931

Hist2h4	Rattus norvegicus histone cluster 2, H4 (Hist2h4), mRNA [NM_001123469]	5,931
0	Unknown	5,931
Anxa7	Rattus norvegicus annexin A7 (Anxa7), mRNA [NM_130416]	5,930
0	Unknown	5,930
LOC686999	Rattus norvegicus similar to M phase phosphoprotein 6 (LOC686999), mRNA [NM_001129881]	5,930
Yipf4	Rattus norvegicus Yip1 domain family, member 4 (Yipf4), mRNA [NM_001009712]	5,930
Aldoa	Rattus norvegicus aldolase A, fructose-bisphosphate (Aldoa), transcript variant 1, mRNA [NM_012495]	5,930
Tmem14a	Rattus norvegicus transmembrane protein 14A (Tmem14a), mRNA [NM_001108790]	5,929
0	Unknown	5,928
Exosc5	Rattus norvegicus exosome component 5 (Exosc5), mRNA [NM_001107493]	5,928
RGD1561792	Rattus norvegicus similar to CG14903-PA (RGD1561792), mRNA [NM_001134524]	5,927
Pnck	Rattus norvegicus pregnancy upregulated non-ubiquitously expressed CaM kinase (Pnck), mRNA [NM_017275]	5,925
Pdcd7	Rattus norvegicus programmed cell death 7 (Pdcd7), mRNA [NM_001108768]	5,924
RGD1306063	Rattus norvegicus similar to HT021 (RGD1306063), mRNA [NM_001106026]	5,923
RGD1566052	Rattus norvegicus similar to elongation protein 4 homolog (RGD1566052), mRNA [NM_001115047]	5,922
Aurka	Rattus norvegicus aurora kinase A (Aurka), mRNA [NM_153296]	5,921
Pisd	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAW2] [ENSRNOT00000024813]	5,920
Rpa2	Rattus norvegicus replication protein A2 (Rpa2), mRNA [NM_021582]	5,920
0	Unknown	5,919
0	Unknown	5,918
Zc3h11a	Rattus norvegicus zinc finger CCCH-type containing 11A (Zc3h11a), mRNA [NM_001047902]	5,918
0	Unknown	5,918
0	Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L5 (LOC298243), mRNA [XM_233179]	5,916
Fgfr1op2	Rattus norvegicus FGFR1 oncogene partner 2 (Fgfr1op2), mRNA [NM_201421]	5,916
0	Unknown	5,916
Spaca4	Rattus norvegicus sperm acrosome associated 4 (Spaca4), mRNA [NM_001109623]	5,915
Znf296	PREDICTED: Rattus norvegicus zinc finger protein 296 (Znf296), mRNA [XM_001075949]	5,915
0	Unknown	5,914
Olr420	Rattus norvegicus olfactory receptor 420 (Olr420), mRNA [NM_001000389]	5,914
Fancf	PREDICTED: Rattus norvegicus Fanconi anemia, complementation group F (Fancf), mRNA [XM_001080926]	5,913
Lpgat1	Rattus norvegicus lysophosphatidylglycerol acyltransferase 1 (Lpgat1), mRNA [NM_001109376]	5,913
Hus1	Rattus norvegicus HUS1 checkpoint homolog (S. pombe) (Hus1), mRNA [NM_001109092]	5,912
0	Unknown	5,912
Coro6	Rattus norvegicus coronin 6 (Coro6), mRNA [NM_139115]	5,912

Cxcr4	Rattus norvegicus chemokine (C-X-C motif) receptor 4 (Cxcr4), mRNA [NM_022205]	5,912
Hnrnp2	Rattus norvegicus heterogeneous nuclear ribonucleoprotein H2 (H') (Hnrnp2), mRNA [NM_001014019]	5,912
0	Unknown	5,911
Wrb	Rattus norvegicus tryptophan rich basic protein (Wrb), mRNA [NM_199373]	5,911
Tp73	Rattus norvegicus tumor protein p73 (Tp73), mRNA [NM_001108696]	5,910
Vps52	Rattus norvegicus vacuolar protein sorting 52 homolog (S. cerevisiae) (Vps52), mRNA [NM_033097]	5,910
0	Rattus norvegicus similar to c-Mpl binding protein (LOC366985), mRNA [XM_345871]	5,909
RT1-CE13	Rattus norvegicus RT1 class I, locus CE13 (RT1-CE13), mRNA [NM_001008836]	5,909
Kcnab1	Rattus norvegicus potassium voltage-gated channel, shaker-related subfamily, beta member 1 (Kcnab1), mRNA [NM_017303]	5,908
Dnase111	Rattus norvegicus deoxyribonuclease 1-like 1 (Dnase111), mRNA [NM_001014223]	5,908
0	Unknown	5,907
RGD1307365	PREDICTED: Rattus norvegicus similar to KIAA1009 protein (RGD1307365), mRNA [XM_001054857]	5,907
LOC690728	Rattus norvegicus similar to Protein C12orf11 (Sarcoma antigen NY-SAR-95) (LOC690728), mRNA [NM_001109608]	5,906
Luc7l	Rattus norvegicus LUC7-like (S. cerevisiae) (Luc7l), mRNA [NM_001024269]	5,905
Cdc42se2	Rattus norvegicus CDC42 small effector 2 (Cdc42se2), mRNA [NM_001126089]	5,904
0	Unknown	5,902
Klri2	Rattus norvegicus killer cell lectin-like receptor family I member 2 (Klri2), mRNA [NM_001012648]	5,902
RGD1565690	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZF21] [ENSRNOT00000039316]	5,901
0	Unknown	5,900
Hsp90ab1	Rattus norvegicus heat shock protein 90 alpha (cytosolic), class B member 1 (Hsp90ab1), mRNA [NM_001004082]	5,900
Dok1	Rattus norvegicus docking protein 1 (Dok1), mRNA [NM_001025416]	5,900
Cryaa	Rattus norvegicus crystallin, alpha A (Cryaa), mRNA [NM_012534]	5,900
RGD1564839	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKU5] [ENSRNOT00000043590]	5,899
0	Unknown	5,898
Ppp1r14b	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 14B (Ppp1r14b), mRNA [NM_172045]	5,898
0	Unknown	5,897
0	Unknown	5,896
Sp110	Rattus norvegicus SP110 nuclear body protein (Sp110), mRNA [NM_001034137]	5,895
RGD1309108	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ23554 (RGD1309108), mRNA [XM_236102]	5,894
Kbtbd8	Rattus norvegicus kelch repeat and BTB (POZ) domain containing 8 (Kbtbd8), mRNA [NM_001109250]	5,894
Sp100	Rattus norvegicus SP100 nuclear antigen (Sp100), mRNA [NM_001014220]	5,894
Actr3b	Rattus norvegicus ARP3 actin-related protein 3 homolog B (yeast) (Actr3b), mRNA [NM_001191860]	5,894
Slc25a1	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1 (Slc25a1), nuclear gene encoding mitochondrial protein, mRNA [NM_017307]	5,893

Dio1	Rattus norvegicus deiodinase, iodothyronine, type I (Dio1), mRNA [NM_021653]	5,892
Bysl	Rattus norvegicus bystin-like (Bysl), mRNA [NM_182674]	5,892
Pacsin3	Rattus norvegicus protein kinase C and casein kinase substrate in neurons 3 (Pacsin3), mRNA [NM_001009966]	5,891
Clgn	Rattus norvegicus calmeglin (Clgn), mRNA [NM_001109472]	5,890
0	Unknown	5,888
Traip	Rattus norvegicus TRAF-interacting protein (Traip), mRNA [NM_001109004]	5,888
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A5F0] [ENSRNOT00000002917]	5,887
Map4k2	Rattus norvegicus mitogen activated protein kinase kinase kinase 2 (Map4k2), mRNA [NM_001106329]	5,886
Fth1	Rattus norvegicus ferritin, heavy polypeptide 1 (Fth1), mRNA [NM_012848]	5,885
Casp9	Rattus norvegicus caspase 9, apoptosis-related cysteine peptidase (Casp9), mRNA [NM_031632]	5,885
Ptprk	Rattus norvegicus protein tyrosine phosphatase, receptor type, K, extracellular region (Ptprk), mRNA [NM_001029902]	5,885
Mdm1	Rattus norvegicus Mdm1 nuclear protein homolog (mouse) (Mdm1), mRNA [NM_001017459]	5,884
LOC688818	PREDICTED: Rattus norvegicus similar to NEDD4-binding protein 1 (N4BP1) (LOC688818), mRNA [XM_001068419]	5,884
Crem	Rattus norvegicus cAMP responsive element modulator (Crem), transcript variant 3, mRNA [NM_001110860]	5,884
0	AE001111 <i>A. fulgidus</i> predicted coding region AF2391 { <i>Archaeoglobus fulgidus</i> DSM 4304} (exp=-1; wgp=0; cg=1), partial (26%) [TC624087]	5,883
Smcr7l	Rattus norvegicus Smith-Magenis syndrome chromosome region, candidate 7-like (human) (Smcr7l), mRNA [NM_001007709]	5,883
Eef1g	Rattus norvegicus eukaryotic translation elongation factor 1 gamma (Eef1g), mRNA [NM_001004223]	5,882
0	Unknown	5,881
Sephs2	Rattus norvegicus selenophosphate synthetase 2 (Sephs2), mRNA [NM_001079889]	5,881
Zkscan5	Rattus norvegicus zinc finger with KRAB and SCAN domains 5 (Zkscan5), mRNA [NM_001107119]	5,880
0	Unknown	5,879
0	Rattus norvegicus similar to ribosomal protein S24 (LOC315035), mRNA [XM_235376]	5,878
0	Rattus norvegicus similar to melanocyte-specific gene 1 protein (LOC309188), mRNA [XM_219543]	5,877
Taf2	Rattus norvegicus TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor (Taf2), mRNA [NM_133319]	5,877
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A6Z9] [ENSRNOT000000057567]	5,877
Tmem2	Rattus norvegicus transmembrane protein 2 (Tmem2), mRNA [NM_001107596]	5,876
Megf6	Rattus norvegicus multiple EGF-like-domains 6 (Megf6), mRNA [NM_022955]	5,876
Rfc1	Rattus norvegicus replication factor C (activator 1) 1 (Rfc1), mRNA [NM_053547]	5,875
Aga	Rattus norvegicus aspartylglucosaminidase (Aga), mRNA [NM_001031641]	5,875
Pik3r3	Rattus norvegicus phosphoinositide-3-kinase, regulatory subunit 3 (gamma) (Pik3r3), mRNA [NM_022213]	5,874
0	Unknown	5,874
Qtrt1	Rattus norvegicus queuine tRNA-ribosyltransferase 1 (Qtrt1), mRNA [NM_022250]	5,874
Fau	Rattus norvegicus Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (Fau), transcript variant 1, mRNA [NM_001012739]	5,873

Znf777	Rattus norvegicus zinc finger protein 777 (Znf777), mRNA [NM_001109348]	5,870
Rfwd3	Rattus norvegicus TL0AEA87YO10 mRNA sequence. [FQ230829]	5,870
Lysmd2	Rattus norvegicus LysM, putative peptidoglycan-binding, domain containing 2 (Lysmd2), mRNA [NM_001106839]	5,869
RT1-CE14	Rattus norvegicus RT1 class I, locus CE14 (RT1-CE14), transcript variant 1, mRNA [NM_001008837]	5,869
RGD1309829	Rattus norvegicus similar to dJ842G6.1.1 (novel protein) (RGD1309829), mRNA [NM_001126371]	5,869
0	Rattus norvegicus TL0ACA41Y114 mRNA sequence. [FQ216706]	5,868
Phospho2	Rattus norvegicus phosphatase, orphan 2 (Phospho2), mRNA [NM_001007642]	5,868
Dcaf17	Rattus norvegicus DDB1 and CUL4 associated factor 17 (Dcaf17), mRNA [NM_001177688]	5,866
0	UI-R-BS1-azr-f-06-0-UI.s1 UI-R-BS1 Rattus norvegicus cDNA clone UI-R-BS1-azr-f-06-0-UI 3', mRNA sequence [BE118692]	5,866
Wwc2	Rattus norvegicus WW and C2 domain containing 2 (Wwc2), mRNA [NM_001109111]	5,866
Olr916	Rattus norvegicus olfactory receptor 916 (Olr916), mRNA [NM_001000587]	5,865
Memo1	Rattus norvegicus mediator of cell motility 1 (Memo1), mRNA [NM_001029917]	5,864
Zfp364	Rattus norvegicus zinc finger protein 364 (Zfp364), mRNA [NM_001108560]	5,864
Rdbp	Rattus norvegicus RD RNA-binding protein (Rdbp), transcript variant 1, mRNA [NM_212548]	5,861
RGD1562012	Rattus norvegicus RGD1562012 (RGD1562012), mRNA [NM_001173471]	5,860
Chmp5	Rattus norvegicus chromatin modifying protein 5 (Chmp5), mRNA [NM_001025410]	5,860
Rpl12	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJE2] [ENSRNOT00000003002]	5,859
Hcfc2	Rattus norvegicus host cell factor C2 (Hcfc2), mRNA [NM_001008357]	5,858
Itgb1	Rattus norvegicus integrin, beta 1 (Itgb1), mRNA [NM_017022]	5,858
Gpr139	Rattus norvegicus G protein-coupled receptor 139 (Gpr139), mRNA [NM_001024241]	5,858
Psen2	Rattus norvegicus presenilin 2 (Psen2), mRNA [NM_031087]	5,856
Efcab2	Rattus norvegicus EF-hand calcium binding domain 2 (Efcab2), mRNA [NM_001105977]	5,856
Gabarapl2	Rattus norvegicus GABA(A) receptor-associated protein like 2 (Gabarapl2), mRNA [NM_022706]	5,856
Elk4	Rattus norvegicus ELK4, ETS-domain protein (SRF accessory protein 1) (Elk4), mRNA [NM_001107173]	5,856
Cog8	Rattus norvegicus component of oligomeric golgi complex 8 (Cog8), mRNA [NM_001106182]	5,855
Aebp1	Rattus norvegicus AE binding protein 1 (Aebp1), mRNA [NM_001100970]	5,855
Rngtt	Rattus norvegicus RNA guanylyltransferase and 5'-phosphatase (Rngtt), mRNA [NM_001107923]	5,855
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3B9] [ENSRNOT000000042234]	5,854
LOC688393	Rattus norvegicus similar to XPA binding protein 1 (LOC688393), mRNA [NM_001127572]	5,854
Ubxn11	Rattus norvegicus UBX domain protein 11 (Ubxn11), mRNA [NM_138853]	5,853
Klf4	Rattus norvegicus Kruppel-like factor 4 (gut) (Klf4), mRNA [NM_053713]	5,852
Tbx15	Rattus norvegicus T-box 15 (Tbx15), mRNA [NM_001106451]	5,851
0	Rattus norvegicus similar to High mobility group protein 1 (HMG-1) (Amphoterin) (Heparin-binding protein p30) (LOC364873), mRNA [XM_344684]	5,851
RGD1560271	Rattus norvegicus similar to inhibitor of MyoD family-a (RGD1560271), mRNA [NM_001109301]	5,849

0	Unknown	5,849
Prpf40a	Rattus norvegicus PRP40 pre-mRNA processing factor 40 homolog A (<i>S. cerevisiae</i>) (Prpf40a), mRNA [NM_001106480]	5,848
RGD1563528	Rattus norvegicus similar to Brain protein 44-like (RGD1563528), mRNA [NM_001109365]	5,847
Zdhhc23	Rattus norvegicus zinc finger, DHHC-type containing 23 (Zdhhc23), mRNA [NM_213627]	5,847
0	AA957328 UI-R-E1-fu-g-08-0-UI.s1 UI-R-E1 Rattus norvegicus cDNA clone UI-R-E1-fu-g-08-0-UI 3', mRNA sequence [AA957328]	5,845
0	Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363336), mRNA [XM_343674]	5,845
0	Mast cell protease 1-like 2 [Source:UniProtKB/TrEMBL;Acc:Q6IE56] [ENSRNOT00000038253]	5,845
0	Unknown	5,844
Trib3	Rattus norvegicus tribbles homolog 3 (<i>Drosophila</i>) (Trib3), mRNA [NM_144755]	5,844
Glmn	Rattus norvegicus glomulin, FKBP associated protein (Glmn), mRNA [NM_001105993]	5,843
LOC689842	PREDICTED: Rattus norvegicus similar to Nucleolar GTP-binding protein 1 (Chronic renal failure gene protein) (GTP-binding protein NGB) (LOC689842), miscRNA [XR_006738]	5,843
Clta	Rattus norvegicus clathrin, light chain (Lca) (Clta), mRNA [NM_031974]	5,842
LOC685020	PREDICTED: Rattus norvegicus paired immunoglobulin-like type 2 receptor alpha (Pilra), mRNA [XM_213732]	5,842
Snx33	Rattus norvegicus sorting nexin 33 (Snx33), mRNA [NM_001127488]	5,841
LOC679774	PREDICTED: Rattus norvegicus hypothetical protein LOC679774 (LOC679774), mRNA [XM_001054422]	5,841
Chchd3	Rattus norvegicus coiled-coil-helix-coiled-coil-helix domain containing 3 (Chchd3), mRNA [NM_001106588]	5,841
0	Unknown	5,840
Med8	Rattus norvegicus mediator complex subunit 8 (Med8), mRNA [NM_001108673]	5,839
Ppa2	Rattus norvegicus pyrophosphatase (inorganic) 2 (Ppa2), nuclear gene encoding mitochondrial protein, mRNA [NM_001135871]	5,837
Eef1g	Rattus norvegicus eukaryotic translation elongation factor 1 gamma (Eef1g), mRNA [NM_001004223]	5,837
0	LRRGT00198 [Source:UniProtKB/TrEMBL;Acc:Q6QI10] [ENSRNOT00000040322]	5,836
Ret	Rattus norvegicus ret proto-oncogene (Ret), transcript variant 1, mRNA [NM_012643]	5,836
Dut	Rattus norvegicus deoxyuridine triphosphatase (Dut), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA [NM_053592]	5,836
0	Unknown	5,835
0	Unknown	5,835
Osm	Rattus norvegicus oncostatin M (Osm), mRNA [NM_001006961]	5,835
Hspa12b	Rattus norvegicus heat shock protein 12B (Hspa12b), mRNA [NM_001107778]	5,835
Zfand2b	Rattus norvegicus zinc finger, AN1 type domain 2B (Zfand2b), mRNA [NM_001025745]	5,835
Fhit	Rattus norvegicus fragile histidine triad gene (Fhit), mRNA [NM_021774]	5,835
Srp19	Rattus norvegicus signal recognition particle 19 (Srp19), mRNA [NM_001106157]	5,834
0	Rattus norvegicus TL0AEA65YG02 mRNA sequence. [FQ232533]	5,833
Gstcd	Rattus norvegicus glutathione S-transferase, C-terminal domain containing (Gstcd), mRNA [NM_001107725]	5,833
Cbx3	Rattus norvegicus chromobox homolog 3 (HP1 gamma homolog, <i>Drosophila</i>) (Cbx3), mRNA [NM_001008313]	5,832

Cldn12	Rattus norvegicus claudin 12 (Cldn12), mRNA [NM_001100813]	5,832
Klhl32	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR28] [ENSRNOT00000050653]	5,831
RGD1560212	Rattus norvegicus similar to DNA segment, Chr 18, Wayne State University 98, expressed (RGD1560212), mRNA [NM_001077676]	5,829
Tyw3	Similar to RIKEN cDNA 5230400J09 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHR8] [ENSRNOT00000032874]	5,829
Otud7a	PREDICTED: Rattus norvegicus OTU domain containing 7A (Otud7a), mRNA [XM_219703]	5,828
Erap1	Rattus norvegicus endoplasmic reticulum aminopeptidase 1 (Erap1), mRNA [NM_030836]	5,828
Cops3	Rattus norvegicus COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis) (Cops3), mRNA [NM_001004200]	5,828
0	PREDICTED: Rattus norvegicus hypothetical protein LOC680789 (LOC680789), partial mRNA [XM_001058892]	5,828
Mid1ip1	Rattus norvegicus MID1 interacting protein 1 (gastrulation specific G12 homolog (zebrafish)) (Mid1ip1), mRNA [NM_206950]	5,827
0	Unknown	5,827
Mprip	Rattus norvegicus myosin phosphatase Rho interacting protein (Mprip), transcript variant 1, mRNA [NM_053814]	5,825
Leprel2	Rattus norvegicus leprecan-like 2 (Leprel2), mRNA [NM_001106620]	5,824
Mcm10	Rattus norvegicus minichromosome maintenance complex component 10 (Mcm10), mRNA [NM_001107366]	5,824
0	Unknown	5,824
0	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 9030221M09 gene (RGD1305469), mRNA [XM_001066163]	5,821
RGD1565309	PREDICTED: Rattus norvegicus similar to hypothetical protein MGC33370 (RGD1565309), mRNA [XM_573520]	5,821
LOC690276	Rattus norvegicus hypothetical protein LOC690276 (LOC690276), mRNA [NM_001109573]	5,821
Olr56	Rattus norvegicus olfactory receptor 56 (Olr56), mRNA [NM_001000130]	5,821
0	Unknown	5,820
Otud3	Rattus norvegicus OTU domain containing 3 (Otud3), mRNA [NM_001191983]	5,820
Spag5	Rattus norvegicus sperm associated antigen 5 (Spag5), mRNA [NM_001044224]	5,819
Smc6	Rattus norvegicus structural maintenance of chromosomes 6 (Smc6), mRNA [NM_001108014]	5,819
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFD6] [ENSRNOT00000065986]	5,816
Wdr18	Rattus norvegicus WD repeat domain 18 (Wdr18), mRNA [NM_001039027]	5,814
Gcsh	Rattus norvegicus glycine cleavage system protein H (aminomethyl carrier) (Gcsh), nuclear gene encoding mitochondrial protein, mRNA [NM_133598]	5,814
0	Q3QF41_9GAMM (Q3QF41) Recombination protein O, RecO, partial (5%) [TC612601]	5,814
0	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ32859 (RGD1306995), mRNA [XM_001069247]	5,812
LOC685580	RCG48030Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZML1] [ENSRNOT00000027137]	5,812
Bhlha15	Rattus norvegicus basic helix-loop-helix family, member a15 (Bhlha15), mRNA [NM_012863]	5,811
0	Unknown	5,809
Htr2b	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 2B (Htr2b), mRNA [NM_017250]	5,808
Cep78	Rattus norvegicus centrosomal protein 78 (Cep78), mRNA [NM_021741]	5,807

0	Unknown	5,807
Kcns2	Rattus norvegicus potassium voltage-gated channel, delayed-rectifier, subfamily S, member 2 (Kcns2), mRNA [NM_023966]	5,806
RT1-A2	Rattus norvegicus RT1 class Ia, locus A2 (RT1-A2), mRNA [NM_001008829]	5,804
Edc4	Rattus norvegicus enhancer of mRNA decapping 4 (Edc4), mRNA [NM_001033068]	5,804
Pgrmc1	Rattus norvegicus progesterone receptor membrane component 1 (Pgrmc1), mRNA [NM_021766]	5,803
Invs	Rattus norvegicus inversin (Invs), mRNA [NM_001107932]	5,803
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A4N9] [ENSRNOT00000016068]	5,802
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHQ7] [ENSRNOT00000032430]	5,802
Cgm4	Rattus norvegicus carcinoembryonic antigen gene family 4 (Cgm4), mRNA [NM_012525]	5,802
Fert2	Rattus norvegicus fer (fms/fps related) protein kinase, testis specific 2 (Fert2), mRNA [NM_001106928]	5,801
Osbp17	Rattus norvegicus oxysterol binding protein-like 7 (Osbp17), mRNA [NM_001107044]	5,801
Ints4	Rattus norvegicus integrator complex subunit 4 (Ints4), mRNA [NM_001191629]	5,800
Ttll1	Rattus norvegicus tubulin tyrosine ligase-like family, member 1 (Ttll1), mRNA [NM_001012200]	5,799
Ugt2b37	Rat UDP glucuronosyltransferase-21 (UDPGTr-21) mRNA, 3' end. [M33747]	5,799
Sds	Rattus norvegicus serine dehydratase (Sds), mRNA [NM_053962]	5,799
Tlr6	Rattus norvegicus toll-like receptor 6 (Tlr6), mRNA [NM_207604]	5,798
Brf2	Rattus norvegicus BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like (Brf2), mRNA [NM_001024773]	5,797
0	Unknown	5,797
Kdm4d	Rattus norvegicus lysine (K)-specific demethylase 4D (Kdm4d), mRNA [NM_001079712]	5,797
Pam	Rattus norvegicus peptidylglycine alpha-amidating monooxygenase (Pam), mRNA [NM_013000]	5,796
Lrrc33	Rattus norvegicus leucine rich repeat containing 33 (Lrrc33), mRNA [NM_001024995]	5,796
Zfp251	Rattus norvegicus zinc finger protein 251 (Zfp251), mRNA [NM_001191911]	5,794
Tert	Rattus norvegicus telomerase reverse transcriptase (Tert), mRNA [NM_053423]	5,794
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3Z9] [ENSRNOT00000064084]	5,794
0	Unknown	5,794
Ccdc52	Rattus norvegicus coiled-coil domain containing 52 (Ccdc52), mRNA [NM_001008285]	5,794
RGD1308461	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 4632415K11 (RGD1308461), mRNA [XM_002725396]	5,794
0	Unknown	5,793
Tmem90a	Rattus norvegicus transmembrane protein 90A (Tmem90a), mRNA [NM_001109485]	5,792
Hoxd4	Rattus norvegicus homeo box D4 (Hoxd4), mRNA [NM_001105885]	5,792
0	BF412119 UI-R-BT1-bmy-h-08-0-UI.s1 UI-R-BT1 Rattus norvegicus cDNA clone UI-R-BT1-bmy-h-08-0-UI 3', mRNA sequence [BF412119]	5,791
RGD1304587	Rattus norvegicus similar to RIKEN cDNA 2310033P09 (RGD1304587), mRNA [NM_001100551]	5,790
Itgam	integrin alpha-M [Source:RefSeq peptide;Acc:NP_036843] [ENSRNOT00000026748]	5,790
Sar1a	Rattus norvegicus SAR1 homolog A (S. cerevisiae) (Sar1a), mRNA [NM_001007739]	5,788

RGD1310081	RGD1310081 protein [Source:UniProtKB/TrEMBL;Acc:Q5XHZ1] [ENSRNOT00000020170]	5,787
Cpz	Rattus norvegicus carboxypeptidase Z (Cpz), mRNA [NM_031766]	5,787
Arpc5l	Rattus norvegicus actin related protein 2/3 complex, subunit 5-like (Arpc5l), mRNA [NM_001037767]	5,787
Emb	Rattus norvegicus embigin homolog (mouse) (Emb), mRNA [NM_053719]	5,786
RGD1561277	PREDICTED: Rattus norvegicus RGD1561277 (RGD1561277), mRNA [XM_579757]	5,786
Pde7a	Rattus norvegicus phosphodiesterase 7A (Pde7a), mRNA [NM_031080]	5,785
Skap2	Rattus norvegicus src kinase associated phosphoprotein 2 (Skap2), mRNA [NM_130413]	5,785
Lppr3	Rattus norvegicus lipid phosphate phosphatase-related protein type 3 (Lppr3), mRNA [NM_181634]	5,784
Ikzf2	Rattus norvegicus IKAROS family zinc finger 2 (Ikzf2), mRNA [NM_001106916]	5,784
0	Dystonin (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC56] [ENSRNOT00000044452]	5,783
Mrpl46	Rattus norvegicus mitochondrial ribosomal protein L46 (Mrpl46), nuclear gene encoding mitochondrial protein, mRNA [NM_001013068]	5,782
Hapln3	Rattus norvegicus hyaluronan and proteoglycan link protein 3 (Hapln3), mRNA [NM_001008559]	5,782
0	Unknown	5,781
Ccm2	Rattus norvegicus cerebral cavernous malformation 2 (Ccm2), mRNA [NM_001126275]	5,779
Ddx20	Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 (Ddx20), mRNA [NM_001191711]	5,779
0	Unknown	5,779
Kcnj11	Rattus norvegicus potassium inwardly rectifying channel, subfamily J, member 11 (Kcnj11), mRNA [NM_031358]	5,779
Gar1	Rattus norvegicus GAR1 ribonucleoprotein homolog (yeast) (Gar1), mRNA [NM_001024306]	5,778
0	Rattus norvegicus similar to protocadherin alpha 12 (LOC317356), mRNA [XM_228736]	5,777
Olr485	Rattus norvegicus olfactory receptor 485 (Olr485), mRNA [NM_001000307]	5,777
Cyld	Rattus norvegicus cylindromatosis (turban tumor syndrome) (Cyld), mRNA [NM_001017380]	5,776
0	PREDICTED: Rattus norvegicus similar to fatty aldehyde dehydrogenase-like (LOC683865), mRNA [XM_001067816]	5,775
Ppp1r3e	Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 3E (Ppp1r3e), mRNA [NM_001169575]	5,775
Chga	Rattus norvegicus chromogranin A (Chga), mRNA [NM_021655]	5,775
0	Unknown	5,773
Fahd1	Rattus norvegicus fumarylacetoacetate hydrolase domain containing 1 (Fahd1), nuclear gene encoding mitochondrial protein, mRNA [NM_001024991]	5,773
Ipcef1	Rattus norvegicus interactor protein for cytohesin exchange factors 1 (Ipcef1), mRNA [NM_001170799]	5,773
0	Unknown	5,771
Otx1	Rattus norvegicus orthodenticle homeobox 1 (Otx1), mRNA [NM_013109]	5,771
Tmsb4x	Rattus norvegicus thymosin beta 4, X-linked (Tmsb4x), mRNA [NM_031136]	5,771
Olr545	Rattus norvegicus olfactory receptor 545 (Olr545), mRNA [NM_001001053]	5,771
Fam148b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDJ2] [ENSRNOT00000012048]	5,770

0	SAM68_RAT (Q91V33) KH domain-containing, RNA-binding, signal transduction-associated protein 1 (p21 Ras GTPase-activating protein-associated p62) (GAP-associated tyrosine phosphoprotein p62) (Src-associated in mitosis 68 kDa protein) (Sam68) (p68), partial	5,770
Mettl9	Rattus norvegicus methyltransferase like 9 (Mettl9), mRNA [NM_001163164]	5,769
RGD1307218	Rattus norvegicus similar to RIKEN cDNA 2810432L12 (RGD1307218), mRNA [NM_001014190]	5,769
Tnfrsf13b	PREDICTED: Rattus norvegicus tumor necrosis factor receptor superfamily, member 13B (Tnfrsf13b), mRNA [XM_001079369]	5,768
RGD1306809	Rattus norvegicus similar to hypothetical protein FLJ30596 (RGD1306809), mRNA [NM_001044252]	5,768
RGD1565883	Rattus norvegicus similar to hypothetical protein FLJ14721 (RGD1565883), mRNA [NM_001109067]	5,768
Ptcd1	Rattus norvegicus pentatricopeptide repeat domain 1 (Ptcd1), nuclear gene encoding mitochondrial protein, mRNA [NM_001109665]	5,767
Stat1	Rattus norvegicus signal transducer and activator of transcription 1 (Stat1), transcript variant beta, mRNA [NM_001034164]	5,767
Kctd3	Rattus norvegicus potassium channel tetramerisation domain containing 3 (Kctd3), mRNA [NM_001107199]	5,767
Pcm1	Rattus norvegicus pericentriolar material 1 (Pcm1), mRNA [NM_031076]	5,766
Rad1	Rattus norvegicus RAD1 homolog (S. pombe) (Rad1), mRNA [NM_001106419]	5,765
Pcdh11x	PREDICTED: Rattus norvegicus protocadherin 11 X-linked (Pcdh11x), mRNA [XM_001055860]	5,764
Cyp2b15	Cytochrome P450 2B15 [Source:UniProtKB/Swiss-Prot;Acc:Q64583] [ENSRNOT0000002054]	5,764
Atg16l1	Rattus norvegicus ATG16 autophagy related 16-like 1 (S. cerevisiae) (Atg16l1), mRNA [NM_001108809]	5,763
Esy1	Rattus norvegicus extended synaptotagmin-like protein 1 (Esy1), mRNA [NM_017249]	5,763
Trim47	Rattus norvegicus tripartite motif-containing 47 (Trim47), mRNA [NM_001109585]	5,763
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHQ7] [ENSRNOT00000057958]	5,763
Hck	Rattus norvegicus hemopoietic cell kinase (Hck), mRNA [NM_013185]	5,761
Nfrkb	Rattus norvegicus nuclear factor related to kappa B binding protein (Nfrkb), mRNA [NM_001108133]	5,761
RGD1305420	Rattus norvegicus similar to Nef associated protein 1 (RGD1305420), mRNA [NM_001025652]	5,760
Synm	Rattus norvegicus synemin, intermediate filament protein (Synm), mRNA [NM_001134858]	5,759
Ccdc72	coiled-coil domain-containing protein 72 [Source:RefSeq peptide;Acc:NP_001119520] [ENSRNOT00000068775]	5,759
Dlec1	PREDICTED: Rattus norvegicus deleted in lung and esophageal cancer 1 isoform DLEC1-N1 (Dlec1), partial mRNA [XM_001062041]	5,758
Bat5	Rattus norvegicus HLA-B associated transcript 5 (Bat5), mRNA [NM_212531]	5,758
Trit1	Rattus norvegicus tRNA isopentenyltransferase 1 (Trit1), mRNA [NM_001108676]	5,756
Yipf1	Rattus norvegicus Yip1 domain family, member 1 (Yipf1), mRNA [NM_199383]	5,756
Cbx8	Rattus norvegicus chromobox homolog 8 (Pc class homolog, Drosophila) (Cbx8), mRNA [NM_001034078]	5,755
Tax1bp1	Rattus norvegicus Tax1 (human T-cell leukemia virus type I) binding protein 1 (Tax1bp1), mRNA [NM_001004199]	5,755
Usp12	Rattus norvegicus ubiquitin specific peptidase 12 (Usp12), mRNA [NM_001166576]	5,755
0	UI-R-C2p-rx-c-04-0-UI.r1 UI-R-C2p Rattus norvegicus cDNA clone UI-R-C2p-rx-c-04-0-UI 5', mRNA sequence [BF545174]	5,755
RGD1306576	Rattus norvegicus similar to hypothetical protein (RGD1306576), mRNA [NM_001106648]	5,755
Opa1	Rattus norvegicus optic atrophy 1 homolog (human) (Opa1), nuclear gene encoding mitochondrial protein, mRNA [NM_133585]	5,754
0	Unknown	5,754

Mocs3	Rattus norvegicus molybdenum cofactor synthesis 3 (Mocs3), mRNA [NM_001107804]	5,754
Ppp2r2d	Rattus norvegicus protein phosphatase 2, regulatory subunit B, delta isoform (Ppp2r2d), mRNA [NM_144746]	5,754
Alad	Rattus norvegicus aminolevulinate, delta-, dehydratase (Alad), mRNA [NM_012899]	5,753
Gcom1	Rattus norvegicus GRINL1A complex locus (Gcom1), mRNA [NM_001014211]	5,752
0	Unknown	5,751
Mtrr	Rattus norvegicus 5-methyltetrahydrofolate-homocysteine methyltransferase reductase (Mtrr), mRNA [NM_001039003]	5,751
Lrrc49	Rattus norvegicus leucine rich repeat containing 49 (Lrrc49), mRNA [NM_001134469]	5,750
0	grp75=75 kda glucose regulated protein [rats, Sprague-Dawley, brain, mRNA, 3001 nt]. [S78556]	5,750
Ndfip2	Rattus norvegicus Nedd4 family interacting protein 2 (Ndfip2), mRNA [NM_001108390]	5,748
Tnfaip2	Rattus norvegicus tumor necrosis factor, alpha-induced protein 2 (Tnfaip2), mRNA [NM_001137633]	5,748
Papss2	Rattus norvegicus 3'-phosphoadenosine 5'-phosphosulfate synthase 2 (Papss2), mRNA [NM_001106375]	5,748
Gemin4	Rattus norvegicus gem (nuclear organelle) associated protein 4 (Gemin4), mRNA [NM_001109037]	5,748
0	Rattus norvegicus similar to dJ132F21.2 (Contains a novel protein similar to the L82E from Drosophila) (LOC366238), mRNA [XM_345461]	5,747
0	Rattus norvegicus similar to RIKEN cDNA 1110011K10 (LOC315466), mRNA [XM_235929]	5,747
LOC687071	PREDICTED: Rattus norvegicus similar to alanine-glyoxylate aminotransferase 2-like 1 (LOC687071), mRNA [XM_001076965]	5,746
Ednra	Rattus norvegicus endothelin receptor type A (Ednra), mRNA [NM_012550]	5,746
Stk25	Rattus norvegicus serine/threonine kinase 25 (STE20 homolog, yeast) (Stk25), mRNA [NM_184049]	5,746
Erf	Rattus norvegicus Ets2 repressor factor (Erf), mRNA [NM_001170335]	5,746
0	Unknown	5,744
Tmem213	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZA5] [ENSRNOT00000018331]	5,744
Zfx	Rattus norvegicus zinc finger protein X-linked (Zfx), mRNA [NM_001109017]	5,743
Ipo5	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A781] [ENSRNOT00000014859]	5,743
Arih2	Rattus norvegicus ariadne homolog 2 (Drosophila) (Arih2), mRNA [NM_001012275]	5,743
0	Unknown	5,743
0	DNJB6_MOUSE (O54946) DnaJ homolog subfamily B member 6 (Heat shock protein J2) (HSJ-2) (MRJ) (mDj4), partial (29%) [TC587510]	5,742
Exoc7	Rattus norvegicus exocyst complex component 7 (Exoc7), mRNA [NM_022691]	5,742
0	Unknown	5,742
F2r	Rattus norvegicus coagulation factor II (thrombin) receptor (F2r), mRNA [NM_012950]	5,742
0	Rattus norvegicus similar to ribosomal protein S27a (LOC364669), mRNA [XM_344565]	5,741
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A911] [ENSRNOT00000037171]	5,741
Bag4	Rattus norvegicus BCL2-associated athanogene 4 (Bag4), mRNA [NM_001025130]	5,739
Morc2	Rattus norvegicus MORC family CW-type zinc finger 2 (Morc2), mRNA [NM_001106016]	5,739
0	Cytochrome b [Source:UniProtKB/Swiss-Prot;Acc:P00159] [ENSRNOT00000042098]	5,739
Zfyve28	Rattus norvegicus zinc finger, FYVE domain containing 28 (Zfyve28), mRNA [NM_001107227]	5,738

Dhx57	Rattus norvegicus DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 (Dhx57), mRNA [NM_001191907]	5,737
LOC679976	PREDICTED: Rattus norvegicus similar to ribosomal protein S27a (LOC679976), mRNA [XM_001057026]	5,736
Cdc42se2	Rattus norvegicus CDC42 small effector 2 (Cdc42se2), mRNA [NM_001126089]	5,735
Iffo1	Rattus norvegicus intermediate filament family orphan 1 (Iffo1), mRNA [NM_001108647]	5,734
Cee	Rattus norvegicus conserved edge expressed protein (Cee), mRNA [NM_001163320]	5,734
RGD1563222	Rattus norvegicus similar to RIKEN cDNA A930018P22 (RGD1563222), mRNA [NM_001108585]	5,734
Rffl	Rattus norvegicus ring finger and FYVE like domain containing protein (Rffl), mRNA [NM_001004068]	5,732
RGD1306208	Rattus norvegicus hypothetical LOC296483 (RGD1306208), mRNA [NM_001106551]	5,732
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKL6] [ENSRNOT00000044160]	5,732
0	Unknown	5,730
Tmem107	Rattus norvegicus transmembrane protein 107 (Tmem107), mRNA [NM_001109648]	5,729
Rnpep	Rattus norvegicus arginyl aminopeptidase (aminopeptidase B) (Rnpep), mRNA [NM_031097]	5,729
Peli3	Rattus norvegicus pellino 3 (Peli3), mRNA [NM_001127542]	5,727
LOC299282	Rattus norvegicus Serine protease inhibitor (LOC299282), mRNA [NM_182474]	5,727
MGC125239	Rattus norvegicus hypothetical protein LOC686179 (MGC125239), mRNA [NM_001077231]	5,723
Grb14	Rattus norvegicus growth factor receptor bound protein 14 (Grb14), mRNA [NM_031623]	5,723
Ctnbp2	Rattus norvegicus cortactin binding protein 2 (Ctnbp2), mRNA [NM_001114401]	5,723
0	Unknown	5,722
Park7	Rattus norvegicus Parkinson disease (autosomal recessive, early onset) 7 (Park7), mRNA [NM_057143]	5,722
Akap17b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDR8] [ENSRNOT00000039809]	5,722
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGV8] [ENSRNOT00000004513]	5,722
0	Unknown	5,721
Ybx1	Rattus norvegicus Y box binding protein 1 (Ybx1), mRNA [NM_031563]	5,720
Sbno2	Rattus norvegicus strawberry notch homolog 2 (Drosophila) (Sbno2), mRNA [NM_001108068]	5,720
Zfp37	Rattus norvegicus zinc finger protein 37 (Zfp37), mRNA [NM_058209]	5,719
0	Rattus norvegicus similar to Zfp-29 (LOC365296), mRNA [XM_344914]	5,718
0	Unknown	5,718
Fam20a	Rattus norvegicus family with sequence similarity 20, member A (Fam20a), mRNA [NM_001012237]	5,718
Csnk1d	Rattus norvegicus casein kinase 1, delta (Csnk1d), mRNA [NM_139060]	5,717
Oxct1	Rattus norvegicus 3-oxoacid CoA transferase 1 (Oxct1), nuclear gene encoding mitochondrial protein, mRNA [NM_001127580]	5,717
Mdm2	Rattus norvegicus Mdm2 p53 binding protein homolog (mouse) (Mdm2), mRNA [NM_001108099]	5,716
0	similar to RIKEN cDNA 1700081O22 (LOC363337), mRNA [Source:RefSeq DNA;Acc:NM_001014221] [ENSRNOT00000041051]	5,715
Nup205	Rattus norvegicus nucleoporin 205 (Nup205), mRNA [NM_001108620]	5,714
Epo	Rattus norvegicus erythropoietin (Epo), mRNA [NM_017001]	5,714

Dph1	Rattus norvegicus DPH1 homolog (<i>S. cerevisiae</i>) (Dph1), mRNA [NM_001105809]	5,714
Ddx60	PREDICTED: Rattus norvegicus DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 (Ddx60), mRNA [XM_224795]	5,714
Defb22	Rattus norvegicus defensin beta 22 (Defb22), mRNA [NM_134391]	5,714
Nfyb	Rattus norvegicus nuclear transcription factor-Y beta (Nfyb), mRNA [NM_031553]	5,714
Fam163b	Rattus norvegicus family with sequence similarity 163, member B (Fam163b), mRNA [NM_001109458]	5,713
Wnt5b	Rattus norvegicus wingless-type MMTV integration site family, member 5B (Wnt5b), mRNA [NM_001100489]	5,713
Nr2f6	Rattus norvegicus nuclear receptor subfamily 2, group F, member 6 (Nr2f6), mRNA [NM_139113]	5,713
Prima1	Rattus norvegicus proline rich membrane anchor 1 (Prima1), mRNA [NM_001108721]	5,713
LOC100359750	PREDICTED: Rattus norvegicus hypothetical protein LOC100359750 (LOC100359750), mRNA [XM_002728371]	5,710
Hspa13	Rattus norvegicus heat shock protein 13 (Hspa13), mRNA [NM_019271]	5,708
Mto1	Rattus norvegicus mitochondrial translation optimization 1 homolog (<i>S. cerevisiae</i>) (Mto1), nuclear gene encoding mitochondrial protein, mRNA [NM_001106841]	5,707
Smarca1	Rattus norvegicus SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 (Smarca1), mRNA [NM_001107864]	5,706
Gjb1	Rattus norvegicus gap junction protein, beta 1 (Gjb1), mRNA [NM_017251]	5,704
Usp45	Rattus norvegicus ubiquitin specific peptidase 45 (Usp45), mRNA [NM_001107918]	5,703
0	aldolase 1 A retrogene 1 Gene [Source:MGI Symbol;Acc:MGI:2447811] [ENSRNOT00000029141]	5,702
RGD1561459	Rattus norvegicus similar to RIKEN cDNA 1810020D17 (RGD1561459), mRNA [NM_001108493]	5,701
Prkcz	Rattus norvegicus protein kinase C, zeta (Prkcz), mRNA [NM_022507]	5,701
Mtnr1b	Rattus norvegicus melatonin receptor 1B (Mtnr1b), mRNA [NM_001100641]	5,700
Neu4	Rattus norvegicus sialidase 4 (Neu4), mRNA [NM_001108234]	5,700
Olr838	Rattus norvegicus olfactory receptor 838 (Olr838), mRNA [NM_001000581]	5,699
Rsb1l1	Rattus norvegicus round spermatid basic protein 1-like (Rsb1l1), mRNA [NM_001135872]	5,698
0	Unknown	5,698
Ati3	Rattus norvegicus atlastin GTPase 3 (Ati3), mRNA [NM_001044241]	5,698
Map9	Rattus norvegicus microtubule-associated protein 9 (Map9), mRNA [NM_001135716]	5,697
Pdcl3	Rattus norvegicus phosducin-like 3 (Pdcl3), mRNA [NM_001025709]	5,693
0	Unknown	5,693
Mrpl1	Rattus norvegicus mitochondrial ribosomal protein L1 (Mrpl1), nuclear gene encoding mitochondrial protein, mRNA [NM_001105997]	5,691
Renbp	Rattus norvegicus renin binding protein (Renbp), mRNA [NM_031095]	5,690
Tmem116	Rattus norvegicus transmembrane protein 116 (Tmem116), mRNA [NM_001159625]	5,689
LOC501302	PREDICTED: Rattus norvegicus hypothetical gene supported by BC082068 (LOC501302), mRNA [XM_576715]	5,689
Slc25a17	Rattus norvegicus solute carrier family 25 (mitochondrial carrier, peroxisomal membrane protein), member 17 (Slc25a17), nuclear gene encoding mitochondrial protein, mRNA [NM_001126269]	5,687

Csnk1a1	Rattus norvegicus casein kinase 1, alpha 1 (Csnk1a1), mRNA [NM_053615]	5,686
0	Histone H4Osteogenic growth peptide [Source:UniProtKB/Swiss-Prot;Acc:P62804] [ENSRNOT00000046363]	5,685
0	Unknown	5,685
RGD1565210	PREDICTED: Rattus norvegicus RGD1565210 (RGD1565210), mRNA [XM_001071740]	5,683
LOC366709	PREDICTED: Rattus norvegicus similar to prohibitin (LOC366709), miscRNA [XR_006662]	5,683
RGD1563666	Rattus norvegicus similar to chromosome X open reading frame 43 (RGD1563666), mRNA [NM_001134568]	5,682
Slc8a1	Rattus norvegicus solute carrier family 8 (sodium/calcium exchanger), member 1 (Slc8a1), mRNA [NM_019268]	5,682
0	Myelin-associated oligodendrocyte basic protein [Source:UniProtKB/Swiss-Prot;Acc:Q63327] [ENSRNOT00000064831]	5,681
Wfdc3	Rattus norvegicus WAP four-disulfide core domain 3 (Wfdc3), mRNA [NM_001106541]	5,681
0	RCG29594Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZE42] [ENSRNOT00000000022]	5,680
Drd4	Rattus norvegicus dopamine receptor D4 (Drd4), mRNA [NM_012944]	5,679
LOC685908	PREDICTED: Rattus norvegicus similar to Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) (LOC685908), mRNA [XM_001065719]	5,679
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHQ7] [ENSRNOT00000032430]	5,679
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJV0] [ENSRNOT00000006968]	5,679
Ccdc54	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A958] [ENSRNOT00000035340]	5,679
0	LRRGT00153 [Source:UniProtKB/TrEMBL;Acc:Q6QI55] [ENSRNOT00000051766]	5,678
0	Unknown	5,677
Tmem60	Rattus norvegicus transmembrane protein 60 (Tmem60), mRNA [NM_001191610]	5,676
Zbtb5	Rattus norvegicus zinc finger and BTB domain containing 5 (Zbtb5), mRNA [NM_001106657]	5,676
Rt1.aa	Rattus norvegicus MHC class I RT1.Aa alpha-chain (Rt1.aa), mRNA [NM_001134701]	5,676
Ttr	Rattus norvegicus transthyretin (Ttr), mRNA [NM_012681]	5,675
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTL3] [ENSRNOT00000034097]	5,675
LOC690948	PREDICTED: Rattus norvegicus similar to paired-Ig-like receptor A11 (LOC690948), mRNA [XM_002725502]	5,675
0	WD repeat domain 34 [Source:UniProtKB/TrEMBL;Acc:Q66H05] [ENSRNOT00000021132]	5,674
Tdrd3	Rattus norvegicus tudor domain containing 3 (Tdrd3), mRNA [NM_001012043]	5,674
Pcgf3	Rattus norvegicus polycomb group ring finger 3 (Pcgf3), mRNA [NM_001107245]	5,674
Flot2	Rattus norvegicus flotillin 2 (Flot2), mRNA [NM_031830]	5,674
Dspp	Rattus norvegicus dentin sialophosphoprotein (Dspp), mRNA [NM_012790]	5,674
Bsg	Rattus norvegicus basigin (Bsg), transcript variant 1, mRNA [NM_001109882]	5,674
LOC499643	Rattus norvegicus similar to hypothetical protein FLJ25371, mRNA (cDNA clone MGC:105887 IMAGE:7132360), complete cds. [BC085354]	5,674
0	Unknown	5,674
Dnah1	Rattus norvegicus dynein, axonemal, heavy chain 1 (Dnah1), mRNA [NM_001033655]	5,672
Glb1I2	Rattus norvegicus galactosidase, beta 1-like 2 (Glb1I2), mRNA [NM_001192018]	5,672

Gng10	Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 10 (Gng10), mRNA [NM_053660]	5,672
RGD1308195	Rattus norvegicus similar to secreted Ly6/uPAR related protein 2 (RGD1308195), mRNA [NM_001130551]	5,671
Arf1	Rattus norvegicus ADP-ribosylation factor 1 (Arf1), mRNA [NM_022518]	5,671
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZI04] [ENSRNOT00000060225]	5,669
Rab43	Rattus norvegicus RAB43, member RAS oncogene family (Rab43), mRNA [NM_001024331]	5,669
Tcfap2a	Rattus norvegicus transcription factor AP-2, alpha (Tcfap2a), mRNA [NM_001107345]	5,669
Ptcd2	Rattus norvegicus pentatricopeptide repeat domain 2 (Ptcd2), mRNA [NM_001107648]	5,669
Aamp	Rattus norvegicus angio-associated, migratory cell protein (Aamp), mRNA [NM_001106920]	5,669
0	Unknown	5,667
Olr1635	Rattus norvegicus olfactory receptor 1635 (Olr1635), mRNA [NM_001000970]	5,666
Srp72	Rattus norvegicus signal recognition particle 72 (Srp72), mRNA [NM_001170601]	5,666
Rpn2	Rattus norvegicus ribophorin II (Rpn2), mRNA [NM_031698]	5,665
LOC100360472	PREDICTED: Rattus norvegicus Trf-proximal protein homolog (LOC100360472), mRNA [XM_002730018]	5,665
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBR3] [ENSRNOT00000056667]	5,664
Nrf1	Rattus norvegicus nuclear respiratory factor 1 (Nrf1), mRNA [NM_001100708]	5,663
LOC683626	Rattus norvegicus similar to limb-bud and heart (LOC683626), mRNA [NM_001129880]	5,663
Stmn3	Rattus norvegicus stathmin-like 3 (Stmn3), mRNA [NM_024346]	5,662
Emid1	Rattus norvegicus EMI domain containing 1 (Emid1), mRNA [NM_001109467]	5,662
LOC685304	Rattus norvegicus hypothetical protein LOC685304 (LOC685304), mRNA [NM_001195612]	5,661
0	Unknown	5,661
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRX9] [ENSRNOT00000065093]	5,661
Ttll7	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACG4] [ENSRNOT00000055318]	5,661
0	Unknown	5,659
0	Unknown	5,659
Cdc42bpg	Rattus norvegicus CDC42 binding protein kinase gamma (DMPK-like) (Cdc42bpg), mRNA [NM_001130013]	5,658
0	Unknown	5,658
Mcts1	Rattus norvegicus malignant T cell amplified sequence 1 (Mcts1), mRNA [NM_001044237]	5,657
Clpb	Rattus norvegicus ClpB caseinolytic peptidase B homolog (E. coli) (Clpb), mRNA [NM_022947]	5,657
0	Unknown	5,657
0	Unknown	5,657
0	Unknown	5,657
Nufip1	Rattus norvegicus nuclear fragile X mental retardation protein interacting protein 1 (Nufip1), mRNA [NM_001007758]	5,656
Ppp1ca	Rattus norvegicus protein phosphatase 1, catalytic subunit, alpha isoform (Ppp1ca), mRNA [NM_031527]	5,656
0	Unknown	5,656

Ptprn2	Rattus norvegicus protein tyrosine phosphatase, receptor type, N polypeptide 2 (Ptprn2), mRNA [NM_031600]	5,655
LOC100125361	Rattus norvegicus zinc finger protein LOC100125361 (LOC100125361), mRNA [NM_001109677]	5,654
Rims2	Rattus norvegicus regulating synaptic membrane exocytosis 2 (Rims2), transcript variant 1, mRNA [NM_053945]	5,654
Rtn4	Rattus norvegicus reticulon 4 (Rtn4), mRNA [NM_031831]	5,654
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8R9] [ENSRNOT00000015806]	5,653
Wdr26	Rattus norvegicus WD repeat domain 26 (Wdr26), mRNA [NM_001109081]	5,653
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCX9] [ENSRNOT00000041504]	5,653
MGC116202	Rattus norvegicus hypothetical protein LOC688736 (MGC116202), mRNA [NM_001044292]	5,653
Nip30	Rattus norvegicus NEFA-interacting nuclear protein NIP30 (Nip30), mRNA [NM_001014014]	5,653
0	Unknown	5,651
0	Unknown	5,650
Nat1	Rattus norvegicus N-acetyltransferase 1 (Nat1), transcript variant 1, mRNA [NM_053853]	5,649
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEA5] [ENSRNOT00000047885]	5,649
Mtfr1	Rattus norvegicus mitochondrial fission regulator 1 (Mtfr1), nuclear gene encoding mitochondrial protein, mRNA [NM_001100977]	5,648
Acan	Rattus norvegicus aggrecan (Acan), mRNA [NM_022190]	5,648
Larp6	Rattus norvegicus La ribonucleoprotein domain family, member 6 (Larp6), mRNA [NM_001108154]	5,648
0	Unknown	5,647
Gjd3	PREDICTED: Rattus norvegicus gap junction protein, delta 3 (Gjd3), mRNA [XM_001081399]	5,646
Vwa5a	Rattus norvegicus von Willebrand factor A domain containing 5A (Vwa5a), mRNA [NM_198755]	5,646
Catsperg1	Rattus norvegicus cation channel, sperm-associated, gamma 1 (Catsperg1), mRNA [NM_001170340]	5,646
0	Unknown	5,645
Spata9	Rattus norvegicus spermatogenesis associated 9 (Spata9), mRNA [NM_001106399]	5,645
MGC109340	Rattus norvegicus similar to Microsomal signal peptidase 23 kDa subunit (SPase 22 kDa subunit) (SPC22/23) (MGC109340), mRNA [NM_001024267]	5,645
Nit1	Rattus norvegicus nitrilase 1 (Nit1), transcript variant 1, mRNA [NM_182668]	5,644
Sh3bp4	Rattus norvegicus SH3-domain binding protein 4 (Sh3bp4), mRNA [NM_022693]	5,644
Galnt6	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (Galnt6), mRNA [NM_001172063]	5,643
0	Unknown	5,641
0	Unknown	5,640
Gadd45gip1	Rattus norvegicus growth arrest and DNA-damage-inducible, gamma interacting protein 1 (Gadd45gip1), mRNA [NM_001100504]	5,640
Golsyn	PREDICTED: Rattus norvegicus Golgi-localized protein (Golsyn), mRNA [XM_001064007]	5,640
0	Unknown	5,639
Map2k3	Rattus norvegicus mitogen activated protein kinase kinase 3 (Map2k3), mRNA [NM_001100674]	5,639
Nfkbia	Rattus norvegicus nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha (Nfkbia), mRNA [NM_001105720]	5,638

Nkrf	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSG0] [ENSRNOT00000016660]	5,638
RGD1564290	PREDICTED: Rattus norvegicus similar to ribosomal protein S27a (RGD1564290), mRNA [XM_001060136]	5,638
Pdxk	Rattus norvegicus pyridoxal (pyridoxine, vitamin B6) kinase (Pdxk), mRNA [NM_031769]	5,635
Tagln	Rattus norvegicus transgelin (Tagln), mRNA [NM_031549]	5,634
Dync1li1	Rattus norvegicus dynein cytoplasmic 1 light intermediate chain 1 (Dync1li1), mRNA [NM_145772]	5,633
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0Y6] [ENSRNOT00000038176]	5,633
Manea	Rattus norvegicus mannosidase, endo-alpha (Manea), mRNA [NM_080785]	5,632
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFL8] [ENSRNOT00000035387]	5,631
Ccdc25	Rattus norvegicus coiled-coil domain containing 25 (Ccdc25), mRNA [NM_001108382]	5,631
Ard1a	Rattus norvegicus ARD1 homolog A, N-acetyltransferase (<i>S. cerevisiae</i>) (Ard1a), mRNA [NM_001135839]	5,631
0	Unknown	5,630
Dnajc28	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 28 (Dnajc28), mRNA [NM_001014124]	5,630
0	Unknown	5,629
Chd1	Rattus norvegicus chromodomain helicase DNA binding protein 1 (Chd1), mRNA [NM_001107465]	5,627
Acot4	Rattus norvegicus acyl-CoA thioesterase 4 (Acot4), mRNA [NM_001109440]	5,627
Rrp15	Rattus norvegicus ribosomal RNA processing 15 homolog (<i>S. cerevisiae</i>) (Rrp15), mRNA [NM_001009702]	5,626
Map3k14	Rattus norvegicus mitogen-activated protein kinase kinase kinase 14 (Map3k14), mRNA [NM_001108301]	5,626
Gtf2h1	Rattus norvegicus general transcription factor IIH, polypeptide 1 (Gtf2h1), mRNA [NM_001108485]	5,626
Aadacl1	Rattus norvegicus arylacetamide deacetylase-like 1 (Aadacl1), mRNA [NM_001127524]	5,625
Sdhb	Rattus norvegicus succinate dehydrogenase complex, subunit B, iron sulfur (lp) (Sdhb), nuclear gene encoding mitochondrial protein, mRNA [NM_001100539]	5,625
Sdf4	Rattus norvegicus stromal cell derived factor 4 (Sdf4), mRNA [NM_130412]	5,625
Dus3l	Rattus norvegicus dihydrouridine synthase 3-like (<i>S. cerevisiae</i>) (Dus3l), mRNA [NM_001034923]	5,625
Nbr1	Rattus norvegicus neighbor of Brca1 gene 1 (Nbr1), mRNA [NM_001024765]	5,624
LOC680498	PREDICTED: Rattus norvegicus similar to CG31613-PA (LOC680498), mRNA [XM_001057443]	5,624
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3Y9] [ENSRNOT00000011560]	5,623
0	Unknown	5,621
Tmx4	Rattus norvegicus thioredoxin-related transmembrane protein 4 (Tmx4), mRNA [NM_001100529]	5,620
0	Unknown	5,620
Slc39a11	Rattus norvegicus solute carrier family 39 (metal ion transporter), member 11 (Slc39a11), mRNA [NM_001013042]	5,620
Tmem194b	Rattus norvegicus transmembrane protein 194B (Tmem194b), mRNA [NM_001134642]	5,618
Gmps	Rattus norvegicus guanine monphosphate synthetase (Gmps), mRNA [NM_001024754]	5,618
Slc32a1	Rattus norvegicus solute carrier family 32 (GABA vesicular transporter), member 1 (Slc32a1), mRNA [NM_031782]	5,618
Vom1r53	Rattus norvegicus vomeronasal 1 receptor 53 (Vom1r53), mRNA [NM_001008934]	5,617

Aip	Rattus norvegicus aryl-hydrocarbon receptor-interacting protein (Aip), mRNA [NM_172327]	5,616
Cflar	Rattus norvegicus CASP8 and FADD-like apoptosis regulator (Cflar), transcript variant 1, mRNA [NM_001033864]	5,616
Abo2	Rattus norvegicus histo-blood group ABO system transferase 2 (Abo2), mRNA [NM_001160263]	5,616
Donson	Rattus norvegicus downstream neighbor of SON (Donson), mRNA [NM_001008287]	5,615
Anxa1	Rattus norvegicus annexin A1 (Anxa1), mRNA [NM_012904]	5,615
0	Unknown	5,615
Ppil2	Rattus norvegicus peptidylprolyl isomerase (cyclophilin)-like 2 (Ppil2), mRNA [NM_001017383]	5,613
Myoc	Rattus norvegicus myocilin (Myoc), mRNA [NM_030865]	5,612
Yeats2	Rattus norvegicus YEATS domain containing 2 (Yeats2), mRNA [NM_001109057]	5,612
Cdkn2d	Rattus norvegicus similar to cyclin-dependent kinase inhibitor 2D (Cdkn2d), mRNA [NM_001009719]	5,612
LOC100360604	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPN7] [ENSRNOT00000049571]	5,611
LOC681309	PREDICTED: Rattus norvegicus similar to Thrombospondin-3 precursor (LOC681309), miscRNA [XR_006034]	5,611
0	Unknown	5,611
Mageb3	Rattus norvegicus melanoma antigen family B, 3 (Mageb3), mRNA [NM_001106965]	5,610
Eno2	Rattus norvegicus enolase 2, gamma, neuronal (Eno2), mRNA [NM_139325]	5,609
0	RVL23074 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DY471857]	5,608
0	Rattus norvegicus similar to 60S ribosomal protein L21 (LOC364769), mRNA [XM_344624]	5,607
C2	Rattus norvegicus complement component 2 (C2), mRNA [NM_172222]	5,607
Necab3	Rattus norvegicus N-terminal EF-hand calcium binding protein 3 (Necab3), mRNA [NM_001098724]	5,607
Prrx2	Rattus norvegicus paired related homeobox 2 (Prrx2), mRNA [NM_001105739]	5,607
RGD1560046	PREDICTED: Rattus norvegicus similar to 3110052M02Rik protein (RGD1560046), mRNA [XM_002725490]	5,607
0	RCG63555RCG63717Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z9R8] [ENSRNOT00000051411]	5,606
RGD1566052	Rattus norvegicus similar to elongation protein 4 homolog (RGD1566052), mRNA [NM_001115047]	5,605
0	Unknown	5,605
Gpr152	PREDICTED: Rattus norvegicus G protein-coupled receptor 152 (Gpr152), mRNA [XM_002725764]	5,605
Wdr4	Rattus norvegicus WD repeat domain 4 (Wdr4), mRNA [NM_001135667]	5,605
0	Unknown	5,603
0	Unknown	5,603
Haus8	Rattus norvegicus HAUS augmin-like complex, subunit 8 (Haus8), mRNA [NM_001024971]	5,602
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ACT3] [ENSRNOT00000042604]	5,601
Lipc	Rattus norvegicus lipase, hepatic (Lipc), mRNA [NM_012597]	5,600
0	Unknown	5,600
Gad1	Rattus norvegicus glutamate decarboxylase 1 (Gad1), mRNA [NM_017007]	5,599
Wdr53	Rattus norvegicus WD repeat domain 53 (Wdr53), mRNA [NM_001109055]	5,599

Tm4sf19	Rattus norvegicus transmembrane 4 L six family member 19 (Tm4sf19), mRNA [NM_001105873]	5,599
RGD1306001	Rattus norvegicus similar to 2210021J22Rik protein (RGD1306001), mRNA [NM_001130696]	5,598
LOC286987	Rattus norvegicus hemiferrin, transferrin-like protein (LOC286987), mRNA [NM_173321]	5,598
Vps18	Rattus norvegicus vacuolar protein sorting 18 homolog (S. cerevisiae) (Vps18), mRNA [NM_001106499]	5,597
Dtx2	Rattus norvegicus deltex homolog 2 (Drosophila) (Dtx2), mRNA [NM_001107157]	5,597
0	Unknown	5,596
Dgcr6	Rattus norvegicus DiGeorge syndrome critical region gene 6 (Dgcr6), mRNA [NM_001107080]	5,595
Nell2	Rattus norvegicus NEL-like 2 (chicken) (Nell2), mRNA [NM_031070]	5,595
Clp1	Rattus norvegicus CLP1, cleavage and polyadenylation factor I subunit, homolog (S. cerevisiae) (Clp1), mRNA [NM_001009599]	5,594
Angptl4	Rattus norvegicus angiopoietin-like 4 (Angptl4), mRNA [NM_199115]	5,594
0	RCG40058Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9P7] [ENSRNOT00000026267]	5,594
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVM3] [ENSRNOT00000059301]	5,593
0	zinc finger X-chromosomal protein [Source:RefSeq peptide;Acc:NP_001102487] [ENSRNOT00000007501]	5,590
Sox18	Rattus norvegicus SRY (sex determining region Y)-box 18 (Sox18), mRNA [NM_001024781]	5,590
Slc25a12	Rattus norvegicus similar to solute carrier family 25 (mitochondrial carrier, Aralar), member 12 (LOC362145), mRNA [XM_342445]	5,590
Jrkl	Rattus norvegicus jerky homolog-like (mouse) (Jrkl), mRNA [NM_001108122]	5,589
0	Unknown	5,589
Grb14	Rattus norvegicus growth factor receptor bound protein 14 (Grb14), mRNA [NM_031623]	5,588
Dlst	Rattus norvegicus dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) (Dlst), mRNA [NM_001006981]	5,588
Nfil3	Rattus norvegicus nuclear factor, interleukin 3 regulated (Nfil3), mRNA [NM_053727]	5,588
0	Q6XUM4_9PSED (Q6XUM4) Integrase-like protein, partial (6%) [TC644955]	5,588
Eif2b1	Rattus norvegicus eukaryotic translation initiation factor 2B, subunit 1 alpha (Eif2b1), mRNA [NM_172029]	5,587
0	Unknown	5,585
Ergic2	Rattus norvegicus ERGIC and golgi 2 (Ergic2), mRNA [NM_001024984]	5,584
Utp3	Rattus norvegicus UTP3, small subunit (SSU) processome component, homolog (S. cerevisiae) (Utp3), mRNA [NM_001012036]	5,584
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEA8] [ENSRNOT00000044296]	5,583
Idh1	Rattus norvegicus isocitrate dehydrogenase 1 (NADP+), soluble (Idh1), mRNA [NM_031510]	5,581
Nov	Rattus norvegicus nephroblastoma overexpressed gene (Nov), mRNA [NM_030868]	5,581
LOC100363170	PREDICTED: Rattus norvegicus rCG5134-like (LOC100363170), mRNA [XM_002730165]	5,581
Acat1	Rattus norvegicus acetyl-coenzyme A acetyltransferase 1 (Acat1), nuclear gene encoding mitochondrial protein, mRNA [NM_017075]	5,580
Smurf2	Rattus norvegicus SMAD specific E3 ubiquitin protein ligase 2 (Smurf2), mRNA [NM_001107061]	5,580
Mthfd2	Rattus norvegicus methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase (Mthfd2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109398]	5,579
RGD1304592	Rattus norvegicus similar to KIAA0528 protein (RGD1304592), mRNA [NM_001134581]	5,578

0	Unknown	5,578
0	CB547247 AMGNNUC:SRPB2-00217-C8-A srpb2 (10220) Rattus norvegicus cDNA clone srpb2-00217-c8 5', mRNA sequence [CB547247]	5,576
Pin1	Rattus norvegicus peptidylprolyl cis/trans isomerase, NIMA-interacting 1 (Pin1), mRNA [NM_001106701]	5,576
Lims1	Rattus norvegicus LIM and senescent cell antigen-like domains 1 (Lims1), mRNA [NM_001145456]	5,576
Angpt1	Rattus norvegicus angiopoietin 1 (Angpt1), mRNA [NM_053546]	5,576
Lhx6	Rattus norvegicus LIM homeobox 6 (Lhx6), mRNA [NM_001107837]	5,576
0	RCG23367Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPX0] [ENSRNOT00000047731]	5,575
Vav2	Rattus norvegicus vav 2 guanine nucleotide exchange factor (Vav2), mRNA [NM_001106563]	5,575
Crisp1	Rattus norvegicus cysteine-rich secretory protein 1 (Crisp1), mRNA [NM_022859]	5,574
RGD1310269	Rattus norvegicus hypothetical LOC314472 (RGD1310269), mRNA [NM_001126280]	5,573
Pgls	Rattus norvegicus 6-phosphogluconolactonase (Pgls), mRNA [NM_001106066]	5,573
Capsl	Rattus norvegicus calcyphosine-like (Capsl), mRNA [NM_001106417]	5,573
0	Rattus norvegicus similar to Ran-interacting protein MOG1 (LOC290273), mRNA [XM_224238]	5,573
Rrm1-ps1	PREDICTED: Rattus norvegicus similar to Ribonucleotide reductase M1 (LOC364182), miscRNA [XR_086014]	5,572
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADL2] [ENSRNOT00000049830]	5,571
0	Unknown	5,571
Cox8b	Rattus norvegicus cytochrome c oxidase, subunit VIIIb (Cox8b), nuclear gene encoding mitochondrial protein, mRNA [NM_012786]	5,570
Atp2c1	Rattus norvegicus ATPase, Ca ⁺⁺ transporting, type 2C, member 1 (Atp2c1), mRNA [NM_131907]	5,570
RGD1309621	PREDICTED: Rattus norvegicus similar to hypothetical protein FLJ10652 (RGD1309621), mRNA [XM_001075984]	5,570
LOC288913	Rattus norvegicus similar to LEYDIG CELL TUMOR 10 KD PROTEIN (LOC288913), mRNA [NM_198728]	5,569
Ptcd1	Rattus norvegicus pentatricopeptide repeat domain 1 (Ptcd1), nuclear gene encoding mitochondrial protein, mRNA [NM_001109665]	5,568
Lingo3	Rattus norvegicus leucine rich repeat and Ig domain containing 3 (Lingo3), mRNA [NM_001109609]	5,568
Ppp1r10	Rattus norvegicus protein phosphatase 1, regulatory subunit 10 (Ppp1r10), mRNA [NM_022951]	5,568
Twf1	Rattus norvegicus twinfilin, actin-binding protein, homolog 1 (Drosophila) (Twf1), mRNA [NM_001008521]	5,568
0	Unknown	5,567
RGD1307934	PREDICTED: Rattus norvegicus similar to DNA segment, Chr 19, ERATO Doi 386, expressed (RGD1307934), mRNA [XM_001055620]	5,566
LOC687516	Unknown	5,566
Kcnj4	Rattus norvegicus potassium inwardly-rectifying channel, subfamily J, member 4 (Kcnj4), mRNA [NM_053870]	5,565
Notch1	Rattus norvegicus Notch homolog 1, translocation-associated (Drosophila) (Notch1), mRNA [NM_001105721]	5,562
Rapgef5	Rattus norvegicus Rap guanine nucleotide exchange factor (GEF) 5 (Rapgef5), mRNA [NM_001047915]	5,562
Khynyn	PREDICTED: Rattus norvegicus similar to mKIAA0323 protein (RGD1565688), miscRNA [XR_086021]	5,561
Slc31a2	Rattus norvegicus solute carrier family 31 (copper transporters), member 2 (Slc31a2), mRNA [NM_001033693]	5,561
Pgm3	Rattus norvegicus phosphoglucomutase 3, mRNA (cDNA clone MGC:188729 IMAGE:9027278), complete cds. [BC166838]	5,560
Slc15a4	Rattus norvegicus solute carrier family 15, member 4 (Slc15a4), mRNA [NM_144758]	5,557

0	RVL17833 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV725625]	5,557
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLA5] [ENSRNOT00000047517]	5,556
Magt1	Rattus norvegicus magnesium transporter 1 (Magt1), mRNA [NM_053946]	5,556
Ndufs4	Rattus norvegicus NADH dehydrogenase (ubiquinone) Fe-S protein 4 (Ndufs4), nuclear gene encoding mitochondrial protein, mRNA [NM_001025146]	5,556
RGD1565796	Rattus norvegicus similar to RIKEN cDNA A930005I04 gene (RGD1565796), mRNA [NM_001109089]	5,554
Gstm5	Rattus norvegicus glutathione S-transferase, mu 5 (Gstm5), mRNA [NM_172038]	5,554
Nagpa	Rattus norvegicus N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase (Nagpa), mRNA [NM_001108265]	5,554
0	Rattus norvegicus similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-destabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP) (LOC312921), mRNA [XM_232629]	5,553
0	Unknown	5,553
0	Rattus norvegicus similar to 4930572L20Rik protein (LOC363857), mRNA [XM_344065]	5,552
Prmt7	Rattus norvegicus protein arginine methyltransferase 7 (Prmt7), mRNA [NM_001014153]	5,552
B4galt3	Rattus norvegicus UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 3 (B4galt3), mRNA [NM_001009539]	5,552
Tmem59l	Transmembrane protein 59-like [Source:UniProtKB/Swiss-Prot;Acc:Q5HZE8] [ENSRNOT00000038139]	5,551
Rap1a	Rattus norvegicus RAP1A, member of RAS oncogene family (Rap1a), mRNA [NM_001005765]	5,551
Serpine3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A9F7] [ENSRNOT00000051307]	5,550
Nepn	Rattus norvegicus neprocan (Nepn), mRNA [NM_001107632]	5,549
Spata1	Rattus norvegicus spermatogenesis associated 1 (Spata1), mRNA [NM_001014177]	5,548
Cd300lg	PREDICTED: Rattus norvegicus Cd300 molecule-like family member G, transcript variant 1 (Cd300lg), mRNA [XM_001061779]	5,548
Rsl1d1	Rattus norvegicus ribosomal L1 domain containing 1 (Rsl1d1), mRNA [NM_001008876]	5,546
Rest	Rattus norvegicus RE1-silencing transcription factor (Rest), mRNA [NM_031788]	5,546
Veph1	Rattus norvegicus ventricular zone expressed PH domain homolog 1 (zebrafish) (Veph1), mRNA [NM_001014171]	5,546
0	Unknown	5,545
0	RGD1565232 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUG5] [ENSRNOT00000066977]	5,544
0	Unknown	5,544
Ints5	Rattus norvegicus integrator complex subunit 5 (Ints5), mRNA [NM_001107576]	5,543
Tmem129	Rattus norvegicus transmembrane protein 129 (Tmem129), mRNA [NM_001126274]	5,543
Tdo2	Rattus norvegicus tryptophan 2,3-dioxygenase (Tdo2), mRNA [NM_022403]	5,543
Hsp90aa1	Rattus norvegicus heat shock protein 90, alpha (cytosolic), class A member 1 (Hsp90aa1), mRNA [NM_175761]	5,542
0	Unknown	5,542
0	Unknown	5,542
Grn	Rattus norvegicus granulin (Grn), transcript variant 1, mRNA [NM_017113]	5,541
Pde4d1	PREDICTED: Rattus norvegicus phosphodiesterase 4D, cAMP-specific-like 1 (Pde4d1), mRNA [XM_574187]	5,540

Fam132a	Rattus norvegicus family with sequence similarity 132, member A (Fam132a), mRNA [NM_001108000]	5,540
Esr2	Rattus norvegicus estrogen receptor 2 (ER beta) (Esr2), mRNA [NM_012754]	5,536
Glt6d1	Rattus norvegicus glycosyltransferase 6 domain containing 1 (Glt6d1), mRNA [NM_001106559]	5,536
Hmgcs1	Rattus norvegicus 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble) (Hmgcs1), mRNA [NM_017268]	5,535
Slc12a9	Rattus norvegicus solute carrier family 12 (potassium/chloride transporters), member 9 (Slc12a9), mRNA [NM_134405]	5,534
LOC685964	Rattus norvegicus hypothetical protein LOC685964 (LOC685964), mRNA [NM_001109489]	5,533
Depdc5	Rattus norvegicus DEP domain containing 5 (Depdc5), mRNA [NM_001107229]	5,532
LOC682206	PREDICTED: Rattus norvegicus similar to Zinc finger protein 208 (LOC682206), mRNA [XM_001060419]	5,532
0	Rattus norvegicus similar to 3-phosphoglycerate dehydrogenase (LOC294985), mRNA [XM_227056]	5,531
Adm	Rattus norvegicus adrenomedullin (Adm), mRNA [NM_012715]	5,530
Stard5	Rattus norvegicus StAR-related lipid transfer (START) domain containing 5 (Stard5), mRNA [NM_001192011]	5,530
Vta1	Rattus norvegicus Vps20-associated 1 homolog (S. cerevisiae) (Vta1), mRNA [NM_001025640]	5,529
Slco1c1	Rattus norvegicus solute carrier organic anion transporter family, member 1c1 (Slco1c1), mRNA [NM_053441]	5,529
Dync1i1	Rattus norvegicus dynein cytoplasmic 1 intermediate chain 1 (Dync1i1), mRNA [NM_019234]	5,528
Hapln2	Rattus norvegicus hyaluronan and proteoglycan link protein 2 (Hapln2), mRNA [NM_022285]	5,528
Smpd1	Rattus norvegicus sphingomyelin phosphodiesterase 1, acid lysosomal (Smpd1), mRNA [NM_001006997]	5,527
Mrpl32	Rattus norvegicus mitochondrial ribosomal protein L32 (Mrpl32), nuclear gene encoding mitochondrial protein, mRNA [NM_001106116]	5,527
Nol12	Rattus norvegicus nucleolar protein 12 (Nol12), mRNA [NM_001012747]	5,527
Cdk9	Rattus norvegicus cyclin-dependent kinase 9 (Cdk9), mRNA [NM_001007743]	5,527
Mpnd	Rattus norvegicus MPN domain containing (Mpnd), mRNA [NM_001085406]	5,527
Ola1	Rattus norvegicus Obg-like ATPase 1 (Ola1), mRNA [NM_001033927]	5,525
0	Unknown	5,525
0	Unknown	5,524
RGD1560187	Rattus norvegicus similar to Hypothetical UPF0327 protein (RGD1560187), mRNA [NM_001173556]	5,524
LOC690918	Rattus norvegicus hypothetical protein LOC690918 (LOC690918), mRNA [NM_001109613]	5,523
Akap11	Rattus norvegicus A kinase (PRKA) anchor protein 11 (Akap11), mRNA [NM_012773]	5,523
Zp4	Rattus norvegicus zona pellucida glycoprotein 4 (Zp4), mRNA [NM_172330]	5,523
0	Unknown	5,522
RGD1560997	PREDICTED: Rattus norvegicus similar to ribosomal protein S27a (RGD1560997), mRNA [XM_001053937]	5,522
Frmd6	FERM domain-containing protein 6 [Source:UniProtKB/Swiss-Prot;Acc:Q8VII0] [ENSRNOT00000009610]	5,521
RGD1562601	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZLH3] [ENSRNOT00000048420]	5,521
0	MST4_MOUSE (Q99JT2) Serine/threonine-protein kinase MST4 (STE20-like kinase MST4) (MST-4) (Mammalian STE20-like protein kinase 4) , partial (32%) [TC630882]	5,520
Znf764	PREDICTED: Rattus norvegicus zinc finger protein 764, transcript variant 1 (Znf764), mRNA [XM_001079970]	5,519

Slc25a15	Rattus norvegicus solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15 (Slc25a15), nuclear gene encoding mitochondrial protein, mRNA [NM_001047880]	5,518
Whsc1	Rattus norvegicus Wolf-Hirschhorn syndrome candidate 1 (human) (Whsc1), mRNA [NM_001191552]	5,517
Nme7	Rattus norvegicus non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase) (Nme7), mRNA [NM_138532]	5,517
Abca3	PREDICTED: Rattus norvegicus ATP-binding cassette, sub-family A (ABC1), member 3 (Abca3), mRNA [XM_220219]	5,517
Cyp2c79	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDQ1] [ENSRNOT00000017367]	5,516
0	zinc finger protein 62 Gene [Source:MGI Symbol;Acc:MGI:99662] [ENSRNOT00000003373]	5,516
Jakmip3	Rattus norvegicus janus kinase and microtubule interacting protein 3 (Jakmip3), mRNA [NM_001163277]	5,516
Tipr1	Rattus norvegicus TIP41, TOR signaling pathway regulator-like (<i>S. cerevisiae</i>) (Tipr1), mRNA [NM_001109667]	5,515
Ech1	Rattus norvegicus enoyl coenzyme A hydratase 1, peroxisomal (Ech1), mRNA [NM_022594]	5,515
Mrfap1	Rattus norvegicus Mof4 family associated protein 1 (Mrfap1), mRNA [NM_001009264]	5,514
Znf711	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZHB2] [ENSRNOT00000006237]	5,513
Bcl2l13	Rattus norvegicus BCL2-like 13 (apoptosis facilitator) (Bcl2l13), nuclear gene encoding mitochondrial protein, mRNA [NM_001107885]	5,513
Cox7a2l	Rattus norvegicus cytochrome c oxidase subunit VIIa polypeptide 2 like (Cox7a2l), nuclear gene encoding mitochondrial protein, mRNA [NM_001106704]	5,512
Spns1	Rattus norvegicus spinster homolog 1 (<i>Drosophila</i>) (Spns1), mRNA [NM_001039208]	5,511
Tmem171	Rattus norvegicus transmembrane protein 171 (Tmem171), mRNA [NM_001013903]	5,511
Fxc1	Rattus norvegicus fractured callus expressed transcript 1 (Fxc1), mRNA [NM_053371]	5,511
Rc3h2	Rattus norvegicus ring finger and CCCH-type zinc finger domains 2 (Rc3h2), mRNA [NM_001107839]	5,511
0	Rattus norvegicus similar to beta-actin (LOC302340), mRNA [XM_228468]	5,510
0	Unknown	5,510
LOC100364597	PREDICTED: Rattus norvegicus 5-nucleotidase, cytosolic II-like (LOC100364597), mRNA [XM_002725789]	5,510
0	Unknown	5,510
RGD1560581	PREDICTED: Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (RGD1560581), miscRNA [XR_009063]	5,510
Tal2	Rattus norvegicus T-cell acute lymphocytic leukemia 2 (Tal2), mRNA [NM_001109462]	5,509
Mcoln1	Rattus norvegicus mucolipin 1 (Mcoln1), mRNA [NM_001105903]	5,509
Ifi44	Rattus norvegicus interferon-induced protein 44 (Ifi44), mRNA [NM_001107729]	5,509
Pms2	Rattus norvegicus PMS2 postmeiotic segregation increased 2 (<i>S. cerevisiae</i>) (Pms2), mRNA [NM_001105908]	5,508
0	Unknown	5,508
Ccdc27	Rattus norvegicus coiled-coil domain containing 27 (Ccdc27), mRNA [NM_001191063]	5,507
Kat3	Rattus norvegicus kynurenine aminotransferase III (Kat3), mRNA [NM_001015037]	5,507
Cdc14a	Rattus norvegicus CDC14 cell division cycle 14 homolog A (<i>S. cerevisiae</i>) (Cdc14a), transcript variant 2, mRNA [NM_001107718]	5,507
0	Unknown	5,506
LOC691975	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S17 (LOC691975), mRNA [XM_001080507]	5,506

0	Unknown	5,505
Kif5b	Rattus norvegicus kinesin family member 5B (Kif5b), mRNA [NM_057202]	5,505
RGD1561667	PREDICTED: Rattus norvegicus similar to putative protein kinase (RGD1561667), mRNA [XM_001054195]	5,505
Abo2	Rattus norvegicus histo-blood group ABO system transferase 2 (Abo2), mRNA [NM_001160263]	5,502
Taf1b	Rattus norvegicus TATA box binding protein (Tbp)-associated factor, RNA polymerase I, B (Taf1b), mRNA [NM_001191107]	5,502
Rage	Rattus norvegicus renal tumor antigen (Rage), mRNA [NM_001010965]	5,501
Kif26b	Rattus norvegicus kinesin family member 26B (Kif26b), mRNA [NM_001109079]	5,501
Rpl39	Rattus norvegicus ribosomal protein L39 (Rpl39), mRNA [NM_012875]	5,499
Nars	Rattus norvegicus asparaginyl-tRNA synthetase (Nars), transcript variant 1, mRNA [NM_001025635]	5,497
Slc25a37	Rattus norvegicus solute carrier family 25, member 37 (Slc25a37), nuclear gene encoding mitochondrial protein, mRNA [NM_001013996]	5,497
0	Unknown	5,496
Olr1867	Rattus norvegicus olfactory receptor 1867 (Olr1867), mRNA [NM_001101022]	5,495
LOC681153	PREDICTED: Rattus norvegicus hypothetical protein LOC681153 (LOC681153), mRNA [XM_001060542]	5,494
LOC687121	PREDICTED: Rattus norvegicus similar to Shc SH2-domain binding protein 1 (LOC687121), mRNA [XM_001077162]	5,493
Suds3	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYN5] [ENSRNOT0000001504]	5,490
Kctd19	PREDICTED: Rattus norvegicus potassium channel tetramerisation domain containing 19 (Kctd19), mRNA [XM_001075666]	5,489
Nop56	Rattus norvegicus NOP56 ribonucleoprotein homolog (yeast) (Nop56), mRNA [NM_001025732]	5,489
0	Rattus norvegicus TL0ABA3YL04 mRNA sequence. [FQ209772]	5,489
Ndufb7	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7 (Ndufb7), nuclear gene encoding mitochondrial protein, mRNA [NM_001108442]	5,488
Aph1b	Rattus norvegicus anterior pharynx defective 1 homolog B (C. elegans) (Aph1b), mRNA [NM_001047090]	5,487
0	PREDICTED: Rattus norvegicus similar to Multisynthetase complex auxiliary component p43 (LOC365837), miscRNA [XR_005797]	5,487
Dhx35	Rattus norvegicus DEAH (Asp-Glu-Ala-His) box polypeptide 35 (Dhx35), mRNA [NM_001108601]	5,486
0	Rattus norvegicus TL0ADA52YC03 mRNA sequence. [FQ228753]	5,486
Eml4	Rattus norvegicus echinoderm microtubule associated protein like 4 (Eml4), mRNA [NM_001108008]	5,486
Nolc1	Rattus norvegicus nucleolar and coiled-body phosphoprotein 1 (Nolc1), mRNA [NM_022869]	5,485
LOC100233176	Rattus norvegicus hypothetical protein LOC100233176 (LOC100233176), transcript variant 1, mRNA [NM_001142941]	5,484
RGD1308299	Rattus norvegicus similar to chromosome 6 open reading frame 130 (RGD1308299), mRNA [NM_001134596]	5,483
Accn4	Rattus norvegicus amiloride-sensitive cation channel 4, pituitary (Accn4), mRNA [NM_022234]	5,483
Ppp5c	Rattus norvegicus protein phosphatase 5, catalytic subunit (Ppp5c), mRNA [NM_031729]	5,482
Dse	Rattus norvegicus dermatan sulfate epimerase (Dse), mRNA [NM_001108933]	5,482
Msln1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AB62] [ENSRNOT00000060286]	5,482
Psmc3ip	Rattus norvegicus PSMC3 interacting protein (Psmc3ip), mRNA [NM_134458]	5,481
Erc2	Rattus norvegicus ELKS/RAB6-interacting/CAST family member 2 (Erc2), mRNA [NM_170787]	5,480

Amt	Rattus norvegicus aminomethyltransferase (Amt), nuclear gene encoding mitochondrial protein, mRNA [NM_001014004]	5,479
Hip1r	Rattus norvegicus huntingtin interacting protein 1 related (Hip1r), transcript variant 1, mRNA [NM_001134763]	5,478
Cog6	Rattus norvegicus component of oligomeric golgi complex 6 (Cog6), mRNA [NM_001004262]	5,478
Qrich2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG97] [ENSRNOT00000034817]	5,477
LOC685544	Rattus norvegicus hypothetical protein LOC685544 (LOC685544), mRNA [NM_001109474]	5,477
Krtap16-5	Rattus norvegicus keratin associated protein 16-5 (Krtap16-5), mRNA [NM_001109424]	5,477
RGD1305679	Rattus norvegicus similar to 9530008L14Rik protein (RGD1305679), mRNA [NM_001014144]	5,476
Olr1387	Rattus norvegicus olfactory receptor 1387 (Olr1387), mRNA [NM_001000001]	5,475
Pld3	Rattus norvegicus phospholipase D family, member 3 (Pld3), mRNA [NM_001012167]	5,474
Slc22a25	Rattus norvegicus solute carrier family 22, member 25 (Slc22a25), mRNA [NM_138908]	5,474
Cd99l2	Rattus norvegicus CD99 molecule-like 2 (Cd99l2), mRNA [NM_134459]	5,474
Evc2	Rattus norvegicus Ellis van Creveld syndrome 2 homolog (human) (Evc2), mRNA [NM_001106012]	5,473
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH87] [ENSRNOT00000047160]	5,473
Cnst	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKK3] [ENSRNOT0000003641]	5,472
Ccdc99	Rattus norvegicus coiled-coil domain containing 99 (Ccdc99), mRNA [NM_001034138]	5,472
Fshb	Rattus norvegicus follicle stimulating hormone, beta polypeptide (Fshb), mRNA [NM_001007597]	5,472
Atg2a	Rattus norvegicus ATG2 autophagy related 2 homolog A (S. cerevisiae) (Atg2a), mRNA [NM_001109545]	5,471
LOC100364718	PREDICTED: Rattus norvegicus myeloid/lymphoid or mixed-lineage leukemia 3-like (LOC100364718), mRNA [XM_002726310]	5,471
Xab2	Rattus norvegicus XPA binding protein 2 (Xab2), mRNA [NM_139109]	5,471
Ero1lb	Rattus norvegicus ERO1-like beta (S. cerevisiae) (Ero1lb), mRNA [NM_001191893]	5,470
0	Unknown	5,469
0	Unknown	5,469
0	Unknown	5,468
Hsp90ab1	Rattus norvegicus heat shock protein 90 alpha (cytosolic), class B member 1 (Hsp90ab1), mRNA [NM_001004082]	5,468
RGD1309906	Rattus norvegicus similar to RIKEN cDNA 2310004I24 gene (RGD1309906), mRNA [NM_001009246]	5,468
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZVD4] [ENSRNOT00000020523]	5,467
0	Rattus norvegicus TL0ABA20YK18 mRNA sequence. [FQ210882]	5,467
Fahd2a	Rattus norvegicus fumarylacetoacetate hydrolase domain containing 2A (Fahd2a), mRNA [NM_001134834]	5,466
LOC314328	Rattus norvegicus similar to chromosome 14 open reading frame 166B (LOC314328), mRNA [NM_001037783]	5,466
Rsl24d1	Rattus norvegicus ribosomal L24 domain containing 1 (Rsl24d1), mRNA [NM_001014212]	5,466
Aadacl3	Rattus norvegicus arylacetamide deacetylase-like 3 (Aadacl3), mRNA [NM_001191768]	5,465
Olr567	Rattus norvegicus olfactory receptor 567 (Olr567), mRNA [NM_001000326]	5,465
Slpil2	Rattus norvegicus antileukoproteinase-like 2 (Slpil2), mRNA [NM_001008872]	5,465
0	LRRGT00148 [Source:UniProtKB/TrEMBL;Acc:Q6QI60] [ENSRNOT00000058693]	5,464

Cox7b	Rattus norvegicus cytochrome c oxidase subunit VIIb (Cox7b), nuclear gene encoding mitochondrial protein, mRNA [NM_182819]	5,463
Cdc6	Rattus norvegicus cell division cycle 6 homolog (<i>S. cerevisiae</i>) (Cdc6), mRNA [NM_001108298]	5,462
Fbp2	Rattus norvegicus fructose-1,6-bisphosphatase 2 (Fbp2), mRNA [NM_053716]	5,462
0	Unknown	5,459
RGD1563996	PREDICTED: Rattus norvegicus similar to Protein UNQ9166/PRO28631 precursor (RGD1563996), mRNA [XM_001077526]	5,458
Mrps14	Rattus norvegicus mitochondrial ribosomal protein S14 (Mrps14), nuclear gene encoding mitochondrial protein, mRNA [NM_001105963]	5,458
Lnx2	Rattus norvegicus ligand of numb-protein X 2 (Lnx2), mRNA [NM_001108329]	5,458
Tbrg4	Rattus norvegicus transforming growth factor beta regulator 4 (Tbrg4), mRNA [NM_001012154]	5,457
0	Unknown	5,455
Tmem199	Rattus norvegicus transmembrane protein 199 (Tmem199), mRNA [NM_001024992]	5,454
Egf	Rattus norvegicus epidermal growth factor (Egf), mRNA [NM_012842]	5,454
Pcdhb9	Rattus norvegicus protocadherin beta 9 (Pcdhb9), mRNA [NM_001109390]	5,453
Brp44l	Rattus norvegicus brain protein 44-like (Brp44l), mRNA [NM_133561]	5,453
0	Unknown	5,452
Rab21	Rattus norvegicus RAB21, member RAS oncogene family (Rab21), mRNA [NM_001004238]	5,451
Tmod3	Rattus norvegicus tropomodulin 3 (Tmod3), mRNA [NM_001011997]	5,449
Btg1	Rattus norvegicus B-cell translocation gene 1, anti-proliferative (Btg1), mRNA [NM_017258]	5,448
Vav3	Rattus norvegicus vav 3 guanine nucleotide exchange factor (Vav3), mRNA [NM_001191714]	5,447
0	Unknown	5,446
Spsb4	Rattus norvegicus splA/ryanodine receptor domain and SOCS box containing 4 (Spsb4), mRNA [NM_001106849]	5,446
Actr1a	Rattus norvegicus ARP1 actin-related protein 1 homolog A, centractin alpha (yeast) (Actr1a), mRNA [NM_001106364]	5,446
Slc6a20	Rattus norvegicus solute carrier family 6 (proline IMINO transporter), member 20 (Slc6a20), mRNA [NM_133296]	5,445
Nog	Rattus norvegicus noggin (Nog), mRNA [NM_012990]	5,445
LOC690422	PREDICTED: Rattus norvegicus hypothetical protein LOC690422, transcript variant 2 (LOC690422), mRNA [XM_001072932]	5,444
0	Unknown	5,442
LOC690386	Rattus norvegicus hypothetical protein LOC690386 (LOC690386), mRNA [NM_001109586]	5,442
0	Histone H4Osteogenic growth peptide [Source:UniProtKB/Swiss-Prot;Acc:P62804] [ENSRNOT00000049464]	5,441
0	Unknown	5,441
LOC682666	PREDICTED: Rattus norvegicus hypothetical protein LOC682666 (LOC682666), mRNA [XM_002728534]	5,441
Aqp1	Rattus norvegicus aquaporin 1 (Aqp1), mRNA [NM_012778]	5,441
0	Serine/threonine-protein kinase TAO2 [Source:UniProtKB/Swiss-Prot;Acc:Q9JLS3] [ENSRNOT00000055018]	5,441
LOC363337	Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363337), mRNA [NM_001014221]	5,440
Serf1	Similar to small EDRK-rich factor 1 (Predicted), isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDW2] [ENSRNOT00000024291]	5,440

RGD1306917	Rattus norvegicus similar to RIKEN cDNA 2900010M23 (RGD1306917), mRNA [NM_001108528]	5,440
Smarcd2	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2 (Smarcd2), mRNA [NM_031983]	5,440
Igfbp6	Rattus norvegicus insulin-like growth factor binding protein 6 (Igfbp6), mRNA [NM_013104]	5,438
Abcb1b	Rattus norvegicus ATP-binding cassette, subfamily B (MDR/TAP), member 1B (Abcb1b), mRNA [NM_012623]	5,438
Lrrc55	Rattus norvegicus leucine rich repeat containing 55 (Lrrc55), mRNA [NM_001122975]	5,437
Olr1169	Rattus norvegicus olfactory receptor 1169 (Olr1169), mRNA [NM_001000434]	5,437
0	Unknown	5,437
0	Unknown	5,437
0	Unknown	5,436
RGD1304719	Rattus norvegicus similar to RIKEN cDNA 2810002N01 (RGD1304719), mRNA [NM_001037769]	5,436
Bclaf1	Rattus norvegicus BCL2-associated transcription factor 1 (Bclaf1), mRNA [NM_001047852]	5,436
Tgs1	Rattus norvegicus trimethylguanosine synthase homolog (S. cerevisiae) (Tgs1), mRNA [NM_001107904]	5,436
Olr153	Rattus norvegicus olfactory receptor 153 (Olr153), mRNA [NM_001000167]	5,436
0	Unknown	5,435
0	Nipped-B homolog (Drosophila)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG77] [ENSRNOT00000021181]	5,433
Mosc2	Rattus norvegicus MOCO sulphurase C-terminal domain containing 2 (Mosc2), mRNA [NM_134410]	5,433
Mafk	Rattus norvegicus v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian) (Mafk), mRNA [NM_145673]	5,433
RGD1563975	Rattus norvegicus similar to testis expressed sequence 13B (RGD1563975), mRNA [NM_001195270]	5,432
0	Unknown	5,431
Cage1	Rattus norvegicus cancer antigen 1 (Cage1), mRNA [NM_001012052]	5,431
0	Rattus norvegicus similar to GLE1-like, RNA export mediator; GLE1 (yeast homolog)-like, RNA export mediator; hGLE1 (LOC299220), mRNA [XM_234444]	5,431
Hsph1	Rattus norvegicus heat shock 105/110 protein 1 (Hsph1), mRNA [NM_001011901]	5,429
0	PREDICTED: Rattus norvegicus hypothetical protein LOC100363159 (LOC100363159), mRNA [XM_002728167]	5,428
0	Unknown	5,428
Prpf8	Rattus norvegicus PRP8 pre-mRNA processing factor 8 homolog (S. cerevisiae) (Prpf8), mRNA [NM_001191590]	5,427
Apbb3	Rattus norvegicus amyloid beta (A4) precursor protein-binding, family B, member 3 (Apbb3), mRNA [NM_053957]	5,426
0	USE1_MOUSE (Q9CQ56) USE1-like protein (D12 protein), partial (69%) [TC603663]	5,426
Thns1	Rattus norvegicus threonine synthase-like 1 (S. cerevisiae) (Thns1), mRNA [NM_001025035]	5,426
Zrsr1	Rattus norvegicus zinc finger (CCCH type), RNA binding motif and serine/arginine rich 1 (Zrsr1), mRNA [NM_001017504]	5,425
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG84] [ENSRNOT00000005064]	5,422
0	Unknown	5,422
Mblac1	Rattus norvegicus metallo-beta-lactamase domain containing 1 (Mblac1), mRNA [NM_001024996]	5,421

Sfrs1	Rattus norvegicus splicing factor, arginine/serine-rich 1 (Sfrs1), mRNA [NM_001109552]	5,421
LOC361985	Rattus norvegicus similar to NICE-3 (LOC361985), mRNA [NM_001014174]	5,421
Zfyve27	Rattus norvegicus zinc finger, FYVE domain containing 27 (Zfyve27), mRNA [NM_199104]	5,420
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZH07] [ENSRNOT00000049215]	5,420
Ftsj1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZA1] [ENSRNOT00000006365]	5,420
Sult2b1	Rattus norvegicus sulfotransferase family, cytosolic, 2B, member 1 (Sult2b1), mRNA [NM_001039665]	5,420
0	40S ribosomal protein S8 [Source:UniProtKB/TrEMBL;Acc:D3ZT31] [ENSRNOT00000001785]	5,420
0	Unknown	5,420
0	similar to CDNA sequence BC017647 (RGD1566149), mRNA [Source:RefSeq DNA;Acc:NM_001109038] [ENSRNOT00000045107]	5,419
0	Unknown	5,419
LOC100360919	Rattus norvegicus Immunoglobulin lambda-like polypeptide 1-like (LOC100360919), mRNA [NM_001190341]	5,419
Csgalnact2	Rattus norvegicus chondroitin sulfate N-acetylgalactosaminyltransferase 2 (Csgalnact2), mRNA [NM_001106616]	5,418
Afg3l2	Rattus norvegicus AFG3(ATPase family gene 3)-like 2 (yeast) (Afg3l2), mRNA [NM_001134864]	5,418
Rpl27	Rattus norvegicus ribosomal protein L27 (Rpl27), mRNA [NM_022514]	5,417
Pds5a	Rattus norvegicus PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae) (Pds5a), mRNA [NM_001083624]	5,417
Tlk2	Rattus norvegicus tousled-like kinase 2 (Tlk2), mRNA [NM_001191652]	5,416
0	Unknown	5,415
0	Unknown	5,414
0	ZN364_MOUSE (Q9D0C1) Zinc finger protein 364 (Rabring 7), partial (82%) [TC589182]	5,414
Ccpg1	Rattus norvegicus cell cycle progression 1 (Ccpg1), mRNA [NM_001108770]	5,413
RGD1309779	Rattus norvegicus similar to ENSANGP00000021391 (RGD1309779), mRNA [NM_001108766]	5,413
0	Unknown	5,413
0	PREDICTED: Rattus norvegicus similar to peptide deformylase-like protein (LOC690214), mRNA [XM_001073696]	5,412
0	Unknown	5,411
Tnfrsf25	Rattus norvegicus tumor necrosis factor receptor superfamily, member 25 (Tnfrsf25), mRNA [NM_001137644]	5,410
Cdk105	Rattus norvegicus CDK105 protein (Cdk105), mRNA [NM_134415]	5,410
Tmem147	Rattus norvegicus transmembrane protein 147 (Tmem147), mRNA [NM_001038494]	5,408
0	Unknown	5,408
Eapp	Rattus norvegicus E2F-associated phosphoprotein (Eapp), transcript variant 1, mRNA [NM_001134987]	5,407
RGD1564338	PREDICTED: Rattus norvegicus similar to aminoacylase 1 (RGD1564338), mRNA [XM_346293]	5,407
Rpl12	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJE2] [ENSRNOT00000003002]	5,407
Ccdc82	Rattus norvegicus coiled-coil domain containing 82 (Ccdc82), mRNA [NM_001007660]	5,406
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG02] [ENSRNOT000000029178]	5,406
Zfp280b	Rattus norvegicus zinc finger protein 280b (Zfp280b), mRNA [NM_001106384]	5,405

Cecr5	Rattus norvegicus cat eye syndrome chromosome region, candidate 5 homolog (human) (Cecr5), mRNA [NM_001107884]	5,404
0	Rattus norvegicus similar to ribosomal protein S15 (LOC295574), mRNA [XM_227850]	5,403
Clpp	PREDICTED: Rattus norvegicus ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli) (Clpp), mRNA [XM_217313]	5,403
Fbxl2	PREDICTED: Rattus norvegicus F-box and leucine-rich repeat protein 2 (Fbxl2), mRNA [XM_001076670]	5,403
0	Rattus norvegicus similar to RIKEN cDNA 1700039A02 (LOC363397), mRNA [XM_343727]	5,403
Akap10	Rattus norvegicus A kinase (PRKA) anchor protein 10 (Akap10), nuclear gene encoding mitochondrial protein, mRNA [NM_001114606]	5,403
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZY83] [ENSRNOT00000033315]	5,403
Prr11	Rattus norvegicus proline rich 11 (Prr11), mRNA [NM_001108287]	5,403
0	Natural resistance-associated macrophage protein 2 [Source:UniProtKB/Swiss-Prot;Acc:O54902] [ENSRNOT00000026494]	5,402
Trmt5	Rattus norvegicus TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae) (Trmt5), mRNA [NM_001108713]	5,402
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZNV0] [ENSRNOT00000064946]	5,402
LOC497978	Rattus norvegicus similar to diacylglycerol kinase epsilon (LOC497978), mRNA [NM_001039341]	5,402
Mospd1	Rattus norvegicus motile sperm domain containing 1 (Mospd1), mRNA [NM_001014107]	5,401
RGD1563835	60S ribosomal protein L27 [Source:UniProtKB/TrEMBL;Acc:D3ZTK5] [ENSRNOT00000042756]	5,401
Cald1	Rattus norvegicus caldesmon 1 (Cald1), mRNA [NM_013146]	5,401
Gba2	Rattus norvegicus glucosidase beta 2 (Gba2), mRNA [NM_001013091]	5,400
Crygs	Rattus norvegicus crystallin, gamma S (Crygs), mRNA [NM_001109553]	5,399
Car6	Rattus norvegicus carbonic anhydrase 6 (Car6), mRNA [NM_001134841]	5,399
0	Unknown	5,399
0	RVL17674 Wackym-Soares normalized rat vestibular cDNA library Rattus norvegicus cDNA 5', mRNA sequence [DV725494]	5,399
0	Unknown	5,398
0	Unknown	5,397
0	Unknown	5,397
Rnf103	Rattus norvegicus ring finger protein 103 (Rnf103), mRNA [NM_053438]	5,395
0	Unknown	5,394
Tysnd1	Rattus norvegicus trypsin domain containing 1 (Tysnd1), mRNA [NM_001108932]	5,394
Hist1h2af	Rattus norvegicus histone cluster 1, H2af (Hist1h2af), mRNA [NM_001024282]	5,391
0	Unknown	5,391
Mrps18c	Rattus norvegicus mitochondrial ribosomal protein S18C (Mrps18c), nuclear gene encoding mitochondrial protein, mRNA [NM_001105996]	5,390
Mesdc2	Rattus norvegicus mesoderm development candidate 2 (Mesdc2), mRNA [NM_001008345]	5,389
Tradd	Rattus norvegicus TNFRSF1A-associated via death domain (Tradd), mRNA [NM_001100480]	5,388
Alg6	Rattus norvegicus asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog (S. cerevisiae) (Alg6), mRNA [NM_001033709]	5,388
LOC100361629	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A202] [ENSRNOT00000061017]	5,387
Mkx	Iroquois homeobox protein-like 1 (Predicted)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZUL2] [ENSRNOT00000025623]	5,386

Psap	Rattus norvegicus prosaposin (Psap), transcript variant 1, mRNA [NM_013013]	5,385
RGD1311269	Rattus norvegicus similar to hypothetical protein FLJ37953 (RGD1311269), transcript variant 1, mRNA [NM_001170473]	5,385
Sc65	Rattus norvegicus synaptonemal complex protein SC65 (Sc65), mRNA [NM_021581]	5,385
Klhl2	PREDICTED: Rattus norvegicus kelch-like 2, Mayven (Drosophila) (Klhl2), mRNA [XM_001073589]	5,384
Dynlrb2	Rattus norvegicus dynein light chain roadblock-type 2 (Dynlrb2), mRNA [NM_001108451]	5,384
Orc4l	Rattus norvegicus origin recognition complex, subunit 4-like (yeast) (Orc4l), mRNA [NM_199092]	5,384
Ttf2	Rattus norvegicus transcription termination factor, RNA polymerase II (Ttf2), mRNA [NM_001106454]	5,383
Spon2	Rattus norvegicus spondin 2, extracellular matrix protein (Spon2), mRNA [NM_138533]	5,382
Lrrcc1	Rattus norvegicus leucine rich repeat and coiled-coil domain containing 1 (Lrrcc1), mRNA [NM_001100645]	5,382
Canx	Rattus norvegicus calnexin (Canx), mRNA [NM_172008]	5,382
Acot3	Rattus norvegicus acyl-CoA thioesterase 3 (Acot3), mRNA [NM_001108041]	5,382
0	Q69Z61_MOUSE (Q69Z61) MKIAA1935 protein (Fragment), partial (13%) [TC582589]	5,381
Pck2	Rattus norvegicus phosphoenolpyruvate carboxykinase 2 (mitochondrial) (Pck2), nuclear gene encoding mitochondrial protein, mRNA [NM_001108377]	5,380
Htr2a	Rattus norvegicus 5-hydroxytryptamine (serotonin) receptor 2A (Htr2a), mRNA [NM_017254]	5,380
Serinc1	Rattus norvegicus serine incorporator 1 (Serinc1), mRNA [NM_182951]	5,379
Rab3il1	Rattus norvegicus RAB3A interacting protein (rabin3)-like 1 (Rab3il1), mRNA [NM_134411]	5,378
0	Unknown	5,378
Asmt	Rattus norvegicus acetylserotonin O-methyltransferase (Asmt), mRNA [NM_144759]	5,377
RGD1565459	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXK6] [ENSRNOT00000042056]	5,377
Usf1	Rattus norvegicus upstream transcription factor 1 (Usf1), mRNA [NM_031777]	5,376
Mypn	Rattus norvegicus myopalladin (Mypn), mRNA [NM_001107628]	5,376
Epha10	Rattus norvegicus EPH receptor A10 (Epha10), mRNA [NM_001135709]	5,375
0	Unknown	5,375
Pcgf6	Rattus norvegicus polycomb group ring finger 6 (Pcgf6), mRNA [NM_001013154]	5,375
Tcfe2a	Rattus norvegicus transcription factor E2a (Tcfe2a), transcript variant 1, mRNA [NM_133524]	5,374
Cd3eap	Rattus norvegicus CD3e molecule, epsilon associated protein (Cd3eap), mRNA [NM_001109416]	5,374
0	Unknown	5,374
Stk38l	Rattus norvegicus serine/threonine kinase 38 like (Stk38l), mRNA [NM_001083336]	5,374
Elfn1	Rattus norvegicus extracellular leucine-rich repeat and fibronectin type III domain containing 1 (Elfn1), mRNA [NM_001105913]	5,372
Cep152	PREDICTED: Rattus norvegicus centrosomal protein 152 (Cep152), mRNA [XM_002726171]	5,371
Timeless	Rattus norvegicus timeless homolog (Drosophila) (Timeless), mRNA [NM_031340]	5,370
Mrpl3	Rattus norvegicus mitochondrial ribosomal protein L3 (Mrpl3), nuclear gene encoding mitochondrial protein, mRNA [NM_001106852]	5,370
Padi3	Rattus norvegicus peptidyl arginine deiminase, type III (Padi3), mRNA [NM_017230]	5,370

Vom2r13	Rattus norvegicus vomeronasal 2 receptor, 13 (Vom2r13), mRNA [NM_001099489]	5,370
Gabarapl2	Rattus norvegicus GABA(A) receptor-associated protein like 2 (Gabarapl2), mRNA [NM_022706]	5,369
0	Unknown	5,369
Cox18	Rattus norvegicus COX18 cytochrome c oxidase assembly homolog (S. cerevisiae) (Cox18), nuclear gene encoding mitochondrial protein, mRNA [NM_001106000]	5,368
Fam65c	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZX40] [ENSRNOT00000035463]	5,366
Csf1r	Rattus norvegicus colony stimulating factor 1 receptor (Csf1r), mRNA [NM_001029901]	5,366
Polr3h	Rattus norvegicus polymerase (RNA) III (DNA directed) polypeptide H (Polr3h), mRNA [NM_001127295]	5,366
RGD1307161	Rattus norvegicus similar to 0610010K06Rik protein (RGD1307161), mRNA [NM_001025669]	5,365
Strap	Rattus norvegicus serine/threonine kinase receptor associated protein (Strap), mRNA [NM_001011969]	5,365
0	Unknown	5,365
Mall	Rattus norvegicus mal, T-cell differentiation protein-like (Mall), mRNA [NM_001014182]	5,364
Centd3	PREDICTED: Rattus norvegicus centaurin, delta 3 (Centd3), miscRNA [XR_085668]	5,364
Mark4	Rattus norvegicus MAP/microtubule affinity-regulating kinase 4 (Mark4), mRNA [NM_001191071]	5,364
Igfbp1	Rattus norvegicus insulin-like growth factor binding protein-like 1 (Igfbp1), mRNA [NM_001108972]	5,364
Itch	Rattus norvegicus itchy E3 ubiquitin protein ligase homolog (mouse) (Itch), mRNA [NM_001005887]	5,364
0	Unknown	5,361
Pdzrn4	Rattus norvegicus PDZ domain containing RING finger 4 (Pdzrn4), mRNA [NM_001108107]	5,361
Sdccag10	Rattus norvegicus serologically defined colon cancer antigen 10 (Sdccag10), mRNA [NM_001013199]	5,361
0	Unknown	5,360
Aftph	PREDICTED: Rattus norvegicus aftiphilin (Aftph), mRNA [XM_001055784]	5,359
0	Unknown	5,357
Socs7	Rattus norvegicus similar to SH2 domain containing SOCS box protein SOCS7 (LOC287659), mRNA [XM_213443]	5,357
Npepo	Rattus norvegicus aminopeptidase O (Npepo), mRNA [NM_001012346]	5,357
Hif1an	Rattus norvegicus hypoxia-inducible factor 1, alpha subunit inhibitor (Hif1an), mRNA [NM_001113749]	5,357
Lsg1	Rattus norvegicus large subunit GTPase 1 homolog (S. cerevisiae) (Lsg1), mRNA [NM_001013421]	5,356
Fam151b	Rattus norvegicus family with sequence similarity 151, member B (Fam151b), mRNA [NM_001134748]	5,356
Myh3	Rattus norvegicus myosin, heavy chain 3, skeletal muscle, embryonic (Myh3), mRNA [NM_012604]	5,355
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEB6] [ENSRNOT00000010789]	5,355
0	phosphatidylinositol glycan anchor biosynthesis, class A [Source:RefSeq peptide;Acc:NP_001102286] [ENSRNOT00000004733]	5,354
RGD1305007	Rattus norvegicus similar to RIKEN cDNA 1110031I02 (RGD1305007), mRNA [NM_001013976]	5,353
RGD1563259	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXP2] [ENSRNOT00000041819]	5,352
Olr1229	Rattus norvegicus olfactory receptor 1229 (Olr1229), mRNA [NM_001000444]	5,350
LOC499779	Uncharacterized protein C9orf119 homolog [Source:UniProtKB/Swiss-Prot;Acc:Q63ZV7] [ENSRNOT00000030558]	5,349

Fam114a2	PREDICTED: Rattus norvegicus family with sequence similarity 114, member A2 (Fam114a2), mRNA [XM_220442]	5,349
Thoc6	Rattus norvegicus THO complex 6 homolog (Drosophila) (Thoc6), mRNA [NM_024384]	5,348
Lgals4	Rattus norvegicus lectin, galactoside-binding, soluble, 4 (Lgals4), mRNA [NM_012975]	5,347
0	Unknown	5,346
0	Unknown	5,346
0	Rattus norvegicus cDNA clone IMAGE:7388791. [BC158842]	5,346
Mepe	Rattus norvegicus matrix extracellular phosphoglycoprotein (Mepe), mRNA [NM_024142]	5,346
RGD1566314	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPU0] [ENSRNOT00000027087]	5,345
Raf1	Rattus norvegicus v-raf-leukemia viral oncogene 1 (Raf1), mRNA [NM_012639]	5,345
Ceacam20	Rattus norvegicus carcinoembryonic antigen-related cell adhesion molecule 20 (Ceacam20), mRNA [NM_001170324]	5,345
Zfp438	Rattus norvegicus zinc finger protein 438 (Zfp438), mRNA [NM_001107358]	5,345
37681	Rattus norvegicus membrane-associated ring finger (C3HC4) 3 (March3), mRNA [NM_001007759]	5,344
0	Unknown	5,344
Rabep1	Rattus norvegicus rabaptin, RAB GTPase binding effector protein 1 (Rabep1), mRNA [NM_019124]	5,344
Folr1	Rattus norvegicus folate receptor 1 (adult) (Folr1), mRNA [NM_133527]	5,344
0	Unknown	5,344
RT1-M5	Rattus norvegicus RT1 class Ib, locus M5 (RT1-M5), transcript variant 2, mRNA [NM_001048045]	5,343
0	Oxysterol-binding protein [Source:UniProtKB/TrEMBL;Acc:D3ZHZ3] [ENSRNOT00000042964]	5,342
Als2cr4	Rattus norvegicus amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4 (Als2cr4), mRNA [NM_001108220]	5,342
0	Unknown	5,342
Acot8	Rattus norvegicus acyl-CoA thioesterase 8 (Acot8), mRNA [NM_130756]	5,342
Glt8d1	Rattus norvegicus glycosyltransferase 8 domain containing 1 (Glt8d1), mRNA [NM_001007683]	5,342
Tmem45a	Rattus norvegicus transmembrane protein 45A (Tmem45a), mRNA [NM_001191074]	5,341
0	Unknown	5,341
Atp6v1d	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V1 subunit D (Atp6v1d), mRNA [NM_199386]	5,340
0	Unknown	5,339
0	Unknown	5,339
LOC688972	PREDICTED: Rattus norvegicus similar to Glycophorin (LOC688972), mRNA [XM_001069014]	5,339
Nmb	Rattus norvegicus neuromedin B (Nmb), mRNA [NM_001109149]	5,338
Epc2	Rattus norvegicus enhancer of polycomb homolog 2 (Drosophila) (Epc2), mRNA [NM_001108581]	5,338
0	Unknown	5,337
Manba	Rattus norvegicus mannosidase, beta A, lysosomal (Manba), mRNA [NM_001031655]	5,334
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZIK8] [ENSRNOT00000025790]	5,334
Tsen15	Rattus norvegicus tRNA splicing endonuclease 15 homolog (S. cerevisiae) (Tsen15), mRNA [NM_001105958]	5,333

Med22	Rattus norvegicus mediator complex subunit 22 (Med22), mRNA [NM_001077679]	5,333
Olr889	Rattus norvegicus olfactory receptor 889 (Olr889), mRNA [NM_001000061]	5,331
0	Unknown	5,331
Irf7	Rattus norvegicus interferon regulatory factor 7 (Irf7), mRNA [NM_001033691]	5,330
0	Unknown	5,330
Sfmbt1	Rattus norvegicus Scm-like with four mbt domains 1 (Sfmbt1), mRNA [NM_031647]	5,329
0	Unknown	5,329
Cggbp1	Rattus norvegicus CGG triplet repeat binding protein 1 (Cggbp1), mRNA [NM_001105900]	5,328
Osbp11	Rattus norvegicus oxysterol binding protein-like 11 (Osbp11), mRNA [NM_001107090]	5,328
0	Unknown	5,328
Fosl2	Rattus norvegicus fos-like antigen 2 (Fosl2), mRNA [NM_012954]	5,328
Pgam2	Rattus norvegicus phosphoglycerate mutase 2 (muscle) (Pgam2), mRNA [NM_017328]	5,327
Piwil2	Rattus norvegicus piwi-like 2 (Drosophila) (Piwil2), mRNA [NM_001107276]	5,327
Tmem11	Rattus norvegicus transmembrane protein 11 (Tmem11), transcript variant 2, mRNA [NM_001166165]	5,326
Mgat4c	Rattus norvegicus mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme C (putative) (Mgat4c), mRNA [NM_001135814]	5,326
Nphs2	Rattus norvegicus nephrosis 2 homolog (human) (Nphs2), mRNA [NM_130828]	5,326
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZK88] [ENSRNOT00000061600]	5,325
Dyt1	Rattus norvegicus dystonia 1 (Dyt1), mRNA [NM_153303]	5,324
Gas8	Rattus norvegicus growth arrest specific 8 (Gas8), mRNA [NM_001039030]	5,324
Smok2a	Rattus norvegicus sperm motility kinase 2A (Smok2a), mRNA [NM_001191619]	5,324
0	Unknown	5,323
Ptpn22	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 22 (lymphoid) (Ptpn22), mRNA [NM_001106460]	5,323
Dhodh	Rattus norvegicus dihydroorotate dehydrogenase (Dhodh), nuclear gene encoding mitochondrial protein, mRNA [NM_001008553]	5,321
Hdac3	Rattus norvegicus histone deacetylase 3 (Hdac3), mRNA [NM_053448]	5,320
Cdyl2	Rattus norvegicus chromodomain protein, Y chromosome-like 2 (Cdyl2), mRNA [NM_001106189]	5,319
LOC682202	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZFR6] [ENSRNOT00000043066]	5,319
Amh	Rattus norvegicus anti-Mullerian hormone (Amh), mRNA [NM_012902]	5,319
Cog7	Rattus norvegicus component of oligomeric golgi complex 7 (Cog7), mRNA [NM_001033889]	5,319
Rpsud2	Rattus norvegicus RNA pseudouridylate synthase domain containing 2 (Rpsud2), mRNA [NM_001135845]	5,319
Klf13	Rattus norvegicus Kruppel-like factor 13 (Klf13), mRNA [NM_001109147]	5,316
Agpat6	Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta) (Agpat6), mRNA [NM_001047849]	5,316
Nupl1	Nucleoporin p58/p45 [Source:UniProtKB/Swiss-Prot;Acc:P70581] [ENSRNOT00000017204]	5,315
0	Unknown	5,315

Rab11fip4	Rattus norvegicus RAB11 family interacting protein 4 (class II) (Rab11fip4), mRNA [NM_001107023]	5,315
LOC499782	Rattus norvegicus similar to 60S ribosomal protein L12 (LOC499782), mRNA [NM_001109198]	5,314
LOC363060	Rattus norvegicus similar to RIKEN cDNA 1600029D21 (LOC363060), mRNA [NM_001014209]	5,314
Tbx21	Rattus norvegicus T-box 21 (Tbx21), mRNA [NM_001107043]	5,314
0	Unknown	5,314
Ctr9	Rattus norvegicus Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) (Ctr9), mRNA [NM_001100661]	5,314
Chm	Rattus norvegicus choroideremia (Rab escort protein 1) (Chm), mRNA [NM_017067]	5,313
0	Unknown	5,312
Pfkm	Rattus norvegicus phosphofructokinase, muscle (Pfkm), mRNA [NM_031715]	5,312
Sgol2	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWI4] [ENSRNOT00000029526]	5,312
0	Unknown	5,312
Pbp2	Rattus norvegicus phosphatidylethanolamine binding protein 2 (Pbp2), mRNA [NM_001105756]	5,311
0	Rattus norvegicus TL0AEA5YK19 mRNA sequence. [FQ233969]	5,309
Skil	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWL1] [ENSRNOT00000013191]	5,308
LOC690460	Rattus norvegicus similar to keratin associated protein 10-7 (LOC690460), mRNA [NM_001109593]	5,308
Gpr25	RCG45981Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A7G6] [ENSRNOT00000011368]	5,307
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZKC7] [ENSRNOT00000064975]	5,307
LOC681336	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d (LOC681336), mRNA [XM_001061313]	5,306
RGD1560010	Rattus norvegicus RGD1560010 (RGD1560010), mRNA [NM_001107685]	5,306
Fam91a1	Rattus norvegicus family with sequence similarity 91, member A1 (Fam91a1), mRNA [NM_001127578]	5,305
LOC682131	PREDICTED: Rattus norvegicus similar to KRAB-zinc finger protein (LOC682131), mRNA [XM_001060021]	5,304
Tect2	Rattus norvegicus tectonic 2 (Tect2), mRNA [NM_001080782]	5,304
Ccnt2	Rattus norvegicus cyclin T2 (Ccnt2), mRNA [NM_001107171]	5,304
RGD1310185	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCD2] [ENSRNOT00000032301]	5,304
0	Unknown	5,304
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAW7] [ENSRNOT00000041850]	5,304
0	Unknown	5,303
0	Unknown	5,302
Tob1	Rattus norvegicus transducer of ErbB-2.1 (Tob1), mRNA [NM_133317]	5,300
Yaf2	Rattus norvegicus YY1 associated factor 2 (Yaf2), mRNA [NM_001134871]	5,299
Rpe	Rattus norvegicus ribulose-5-phosphate-3-epimerase (Rpe), mRNA [NM_001033903]	5,299
Sympk	Rattus norvegicus symplekin (Sympk), mRNA [NM_001100830]	5,299
Plaa	Rattus norvegicus phospholipase A2, activating protein (Plaa), mRNA [NM_053866]	5,298
Dnai2	Rattus norvegicus dynein, axonemal, intermediate chain 2 (Dnai2), mRNA [NM_001007726]	5,298

Nisch	Nischarin [Source:UniProtKB/Swiss-Prot;Acc:Q4G017] [ENSRNOT00000066465]	5,298
0	Unknown	5,297
Hsp90aa1	Rattus norvegicus heat shock protein 90, alpha (cytosolic), class A member 1 (Hsp90aa1), mRNA [NM_175761]	5,296
Cldn11	Rattus norvegicus claudin 11 (Cldn11), mRNA [NM_053457]	5,296
Snrnp35	Rattus norvegicus small nuclear ribonucleoprotein 35 (U11/U12) (Snrnp35), mRNA [NM_001014127]	5,295
LOC688632	PREDICTED: Rattus norvegicus similar to 60S ribosomal protein L17 (L23) (Amino acid starvation-induced protein) (ASI) (LOC688632), mRNA [XM_001067694]	5,295
Pdia4	Rattus norvegicus protein disulfide isomerase family A, member 4 (Pdia4), mRNA [NM_053849]	5,294
Nanos1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1F8] [ENSRNOT00000036203]	5,294
LOC501033	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZGF2] [ENSRNOT00000018553]	5,294
Socs3	Rattus norvegicus suppressor of cytokine signaling 3 (Socs3), mRNA [NM_053565]	5,293
Mdfic	Rattus norvegicus MyoD family inhibitor domain containing (Mdfic), mRNA [NM_001105668]	5,292
Rnf149	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZI66] [ENSRNOT00000018684]	5,292
Cntnap5a	Rattus norvegicus contactin associated protein-like 5A (Cntnap5a), mRNA [NM_001047865]	5,291
Herc4	Rattus norvegicus hect domain and RLD 4 (Herc4), mRNA [NM_001012074]	5,291
Dnd1	Rattus norvegicus dead end homolog 1 (zebrafish) (Dnd1), mRNA [NM_001109379]	5,290
0	Unknown	5,288
Blvra	Rattus norvegicus biliverdin reductase A (Blvra), mRNA [NM_053850]	5,288
Phpt1	Rattus norvegicus phosphohistidine phosphatase 1 (Phpt1), mRNA [NM_001106558]	5,288
0	Unknown	5,288
0	Unknown	5,288
0	Rattus norvegicus similar to 60S ribosomal protein L12 (LOC296165), mRNA [XM_215850]	5,287
Dynlrb2	Rattus norvegicus dynein light chain roadblock-type 2 (Dynlrb2), mRNA [NM_001108451]	5,287
0	Unknown	5,286
Ica1l	Rattus norvegicus islet cell autoantigen 1-like (Ica1l), mRNA [NM_199400]	5,286
RGD1311463	Rattus norvegicus similar to RIKEN cDNA 2700007P21 (RGD1311463), mRNA [NM_001014045]	5,286
Mmadhc	Rattus norvegicus methylmalonic aciduria (cobalamin deficiency) cbID type, with homocystinuria (Mmadhc), nuclear gene encoding mitochondrial protein, mRNA [NM_001004280]	5,286
Hint3	Histidine triad nucleotide-binding protein 3 [Source:UniProtKB/Swiss-Prot;Acc:Q8K3P7] [ENSRNOT00000019047]	5,285
LOC100366173	PREDICTED: Rattus norvegicus Zinc finger protein 383-like, transcript variant 3 (LOC100366173), mRNA [XM_002725562]	5,284
0	Q6NW38_HUMAN (Q6NW38) IVNS1ABP protein, partial (5%) [TC590756]	5,280
Tpd52l3	Rattus norvegicus tumor protein D52-like 3 (Tpd52l3), mRNA [NM_001106349]	5,278
Tmem117	PREDICTED: Rattus norvegicus transmembrane protein 117 (Tmem117), mRNA [XM_001058576]	5,278
Pigz	Rattus norvegicus phosphatidylinositol glycan anchor biosynthesis, class Z (Pigz), mRNA [NM_001109525]	5,278

Ica1	Rattus norvegicus islet cell autoantigen 1 (Ica1), mRNA [NM_030844]	5,277
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBR0] [ENSRNOT00000045189]	5,277
Nmur1	Rattus norvegicus neuromedin U receptor 1 (Nmur1), mRNA [NM_023100]	5,276
Adat1	Rattus norvegicus adenosine deaminase, tRNA-specific 1 (Adat1), mRNA [NM_001109611]	5,276
0	Unknown	5,276
Ifitm6	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZR91] [ENSRNOT00000054875]	5,275
Olr202	Rattus norvegicus olfactory receptor 202 (Olr202), mRNA [NM_001000550]	5,275
Psg19	Rattus norvegicus pregnancy specific glycoprotein 19 (Psg19), mRNA [NM_019126]	5,274
0	Unknown	5,274
0	Probable O-sialoglycoprotein endopeptidase 2 [Source:UniProtKB/Swiss-Prot;Acc:Q4V7F3] [ENSRNOT00000039880]	5,273
0	Fam40a protein [Source:UniProtKB/TrEMBL;Acc:Q4FZS7] [ENSRNOT00000033776]	5,272
0	Unknown	5,272
0	Rattus norvegicus similar to heat shock protein 84 - mouse (LOC291871), mRNA [XM_226259]	5,271
Wdr35l	Rattus norvegicus WD repeat domain 35-like (Wdr35l), mRNA [NM_001099340]	5,270
LOC688966	Rattus norvegicus similar to K11B4.2 (LOC688966), mRNA [NM_001145726]	5,270
RGD1559982	PREDICTED: Rattus norvegicus similar to paraneoplastic antigen like 6A (RGD1559982), mRNA [XM_001058237]	5,270
Ankrd60	RCG40922Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZTI6] [ENSRNOT00000055082]	5,270
0	Unknown	5,269
RGD1563378	RCG36341Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZC26] [ENSRNOT00000050544]	5,269
Med31	Rattus norvegicus mediator complex subunit 31 (Med31), mRNA [NM_001135813]	5,269
LOC100363987	PREDICTED: Rattus norvegicus mCG114897-like (LOC100363987), miscRNA [XR_085743]	5,268
0	Adenosylhomocysteinase [Source:UniProtKB/TrEMBL;Acc:D4AB27] [ENSRNOT00000017748]	5,268
0	Unknown	5,267
Slc27a3	Rattus norvegicus solute carrier family 27 (fatty acid transporter), member 3 (Slc27a3), mRNA [NM_001106439]	5,266
Kifc3	Rattus norvegicus kinesin family member C3 (Kifc3), mRNA [NM_001103352]	5,266
Ctnn	Rattus norvegicus cortactin (Ctnn), mRNA [NM_021868]	5,264
LOC301839	PREDICTED: Rattus norvegicus similar to Spindlin-like protein 2 (SPIN-2) (LOC301839), mRNA [XM_001061753]	5,263
Sdccag3	Rattus norvegicus serologically defined colon cancer antigen 3 (Sdccag3), mRNA [NM_001013135]	5,262
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMU6] [ENSRNOT00000057016]	5,262
Tmco3	Rattus norvegicus transmembrane and coiled-coil domains 3 (Tmco3), mRNA [NM_001135857]	5,261
Med6	Rattus norvegicus mediator complex subunit 6 (Med6), mRNA [NM_001106742]	5,261
Hebp2	Rattus norvegicus heme binding protein 2 (Hebp2), mRNA [NM_001107515]	5,261
Rab26	Rattus norvegicus RAB26, member RAS oncogene family (Rab26), mRNA [NM_133580]	5,260
0	Unknown	5,259

LOC691130	PREDICTED: Rattus norvegicus hypothetical protein LOC691130 (LOC691130), mRNA [XM_001076936]	5,259
Flt4	Rattus norvegicus fms-related tyrosine kinase 4 (Flt4), mRNA [NM_053652]	5,259
Slc4a3	Rattus norvegicus solute carrier family 4 (anion exchanger), member 3 (Slc4a3), mRNA [NM_017049]	5,259
Psip1	Rattus norvegicus PC4 and SFRS1 interacting protein 1 (Psip1), mRNA [NM_175765]	5,258
Fads3	Rattus norvegicus fatty acid desaturase 3 (Fads3), mRNA [NM_173137]	5,258
0	Rattus norvegicus similar to hypothetical protein (LOC301869), mRNA [XM_229350]	5,257
Pdia3	Rattus norvegicus protein disulfide isomerase family A, member 3 (Pdia3), mRNA [NM_017319]	5,257
Cdc42ep3	Rattus norvegicus CDC42 effector protein (Rho GTPase binding) 3 (Cdc42ep3), mRNA [NM_001048044]	5,256
Pnkd	Rattus norvegicus paroxysmal nonkinesinogenic dyskinesia (Pnkd), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA [NM_001134753]	5,255
Tmlhe	Rattus norvegicus trimethyllysine hydroxylase, epsilon (Tmlhe), nuclear gene encoding mitochondrial protein, mRNA [NM_133387]	5,255
Cep135	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z135] [ENSRNOT00000032156]	5,255
Ccdc87	Rattus norvegicus coiled-coil domain containing 87 (Ccdc87), mRNA [NM_001109527]	5,255
Rrs1	Rattus norvegicus RRS1 ribosome biogenesis regulator homolog (S. cerevisiae) (Rrs1), mRNA [NM_001079699]	5,255
Prkar1a	Rattus norvegicus protein kinase, cAMP-dependent, regulatory, type I, alpha (Prkar1a), mRNA [NM_013181]	5,254
0	Unknown	5,254
Pik3ca	Rattus norvegicus phosphoinositide-3-kinase, catalytic, alpha polypeptide (Pik3ca), mRNA [NM_133399]	5,253
Hapln1	Rattus norvegicus hyaluronan and proteoglycan link protein 1 (Hapln1), mRNA [NM_019189]	5,253
Zfp347	Rattus norvegicus zinc finger protein 347 (Zfp347), mRNA [NM_133390]	5,252
Efemp1	Rattus norvegicus EGF-containing fibulin-like extracellular matrix protein 1 (Efemp1), mRNA [NM_001012039]	5,251
Anks3	Rattus norvegicus ankyrin repeat and sterile alpha motif domain containing 3 (Anks3), mRNA [NM_001009676]	5,251
Fgf9	Rattus norvegicus fibroblast growth factor 9 (Fgf9), mRNA [NM_012952]	5,251
Ly96	Rattus norvegicus lymphocyte antigen 96 (Ly96), mRNA [NM_001024279]	5,251
0	Rattus norvegicus similar to hippocampal cholinergic neurostimulating peptide precursor protein (LOC293883), mRNA [XM_219774]	5,251
Atp6v0b	Rattus norvegicus ATPase, H ⁺ transporting, lysosomal V0 subunit B (Atp6v0b), mRNA [NM_001106681]	5,250
0	Unknown	5,250
0	Histone H2A type 1-F [Source:UniProtKB/Swiss-Prot;Acc:Q64598] [ENSRNOT00000041929]	5,250
0	Glyceraldehyde-3-phosphate dehydrogenase [Source:UniProtKB/TrEMBL;Acc:D3ZKR3] [ENSRNOT0000008094]	5,249
Lrfn1	Rattus norvegicus leucine rich repeat and fibronectin type III domain containing 1 (Lrfn1), transcript variant 2, mRNA [NM_001108910]	5,248
Smpdl3a	Rattus norvegicus sphingomyelin phosphodiesterase, acid-like 3A (Smpdl3a), mRNA [NM_001005539]	5,248
Mib1	Rattus norvegicus mindbomb homolog 1 (Drosophila) (Mib1), mRNA [NM_001107405]	5,248
Ndufb8	Rattus norvegicus NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8 (Ndufb8), nuclear gene encoding mitochondrial protein, mRNA [NM_001106360]	5,246
Gabrg3	Rattus norvegicus gamma-aminobutyric acid (GABA) A receptor, gamma 3 (Gabrg3), mRNA [NM_024370]	5,246

Olr227	Rattus norvegicus olfactory receptor 227 (Olr227), mRNA [NM_001000203]	5,245
Gadd45a	Rattus norvegicus growth arrest and DNA-damage-inducible, alpha (Gadd45a), mRNA [NM_024127]	5,245
Entpd7	Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 7 (Entpd7), mRNA [NM_001107595]	5,244
Zfp281	Rattus norvegicus zinc finger protein 281 (Zfp281), mRNA [NM_001012030]	5,244
Scarb2	Rattus norvegicus scavenger receptor class B, member 2 (Scarb2), mRNA [NM_054001]	5,243
0	Unknown	5,243
Znf287	Rattus norvegicus zinc finger protein 287 (Znf287), mRNA [NM_001107008]	5,243
Noc3l	Rattus norvegicus nucleolar complex associated 3 homolog (S. cerevisiae) (Noc3l), mRNA [NM_001108523]	5,243
0	Unknown	5,242
Gtf2a1	Rattus norvegicus general transcription factor IIA, 1 (Gtf2a1), mRNA [NM_022208]	5,241
0	Unknown	5,240
Zfp219	Rattus norvegicus zinc finger protein 219 (Zfp219), mRNA [NM_001007681]	5,240
Znf646	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ84] [ENSRNOT00000036187]	5,239
Ptpn18	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 18 (Ptpn18), mRNA [NM_001013111]	5,239
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCQ8] [ENSRNOT00000047654]	5,239
Wipi2	Rattus norvegicus WD repeat domain, phosphoinositide interacting 2 (Wipi2), mRNA [NM_001007615]	5,238
Slc12a4	Rattus norvegicus solute carrier family 12 (potassium/chloride transporters), member 4 (Slc12a4), mRNA [NM_019229]	5,237
LOC100158225	Rattus norvegicus hypothetical protein LOC100158225 (LOC100158225), mRNA [NM_001127606]	5,237
Wdr31	Rattus norvegicus WD repeat domain 31 (Wdr31), mRNA [NM_001011976]	5,237
RGD1561481	PREDICTED: Rattus norvegicus similar to ubiquitin specific protease 12 (RGD1561481), mRNA [XM_577055]	5,236
Rhbg	Rattus norvegicus Rh family, B glycoprotein (Rhbg), mRNA [NM_183054]	5,236
0	Rattus norvegicus similar to KIAA1895 protein (LOC293775), mRNA [XM_219621]	5,235
0	Peptidyl-prolyl cis-trans isomerase [Source:UniProtKB/TrEMBL;Acc:D3ZUZ9] [ENSRNOT00000011302]	5,235
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A0Y6] [ENSRNOT00000038176]	5,235
Rab11a	Rattus norvegicus RAB11a, member RAS oncogene family (Rab11a), mRNA [NM_031152]	5,235
Med27	Rattus norvegicus mediator complex subunit 27 (Med27), mRNA [NM_001106565]	5,235
0	Unknown	5,235
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG82] [ENSRNOT00000063806]	5,234
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z934] [ENSRNOT00000019780]	5,232
Lmo1	Rattus norvegicus LIM domain only 1 (Lmo1), mRNA [NM_139112]	5,232
Zfp276	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A710] [ENSRNOT00000022324]	5,232
0	Small nuclear ribonucleoprotein-associated protein B [Source:UniProtKB/Swiss-Prot;Acc:P17136] [ENSRNOT00000043260]	5,232
Nfrkb	Rattus norvegicus nuclear factor related to kappa B binding protein (Nfrkb), mRNA [NM_001108133]	5,232
Slco4a1	Rattus norvegicus solute carrier organic anion transporter family, member 4a1 (Slco4a1), mRNA [NM_133608]	5,231

Rpl31	Rattus norvegicus ribosomal protein L31 (Rpl31), mRNA [NM_022506]	5,230
Kif3b	Rattus norvegicus kinesin family member 3B (Kif3b), mRNA [NM_001106529]	5,229
Lrrc14	Rattus norvegicus leucine rich repeat containing 14 (Lrrc14), mRNA [NM_001024354]	5,229
Ptpla	Rattus norvegicus protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a (Ptpla), mRNA [NM_001101001]	5,229
Dopey2	Rattus norvegicus dopey family member 2 (Dopey2), mRNA [NM_001191660]	5,228
LOC499781	Uncharacterized protein C9orf117 homolog [Source:UniProtKB/Swiss-Prot;Acc:Q4V7B0] [ENSRNOT00000020660]	5,227
0	Rattus norvegicus similar to Peptidylprolyl isomerase-like 2 (LOC302108), mRNA [XM_217532]	5,227
Fbxo2	Rattus norvegicus F-box protein 2 (Fbxo2), mRNA [NM_053511]	5,226
Alpl2	PREDICTED: Rattus norvegicus similar to alkaline phosphatase (EC 3.1.3.1) precursor, placental-like - human (RGD1565100), mRNA [XM_001064732]	5,226
Exoc6b	Rattus norvegicus exocyst complex component 6B (Exoc6b), mRNA [NM_001109246]	5,226
RGD1561940	PREDICTED: Rattus norvegicus similar to KB07 protein (RGD1561940), partial mRNA [XM_002725261]	5,225
Ece2	Rattus norvegicus endothelin-converting enzyme 2 (Ece2), mRNA [NM_001002815]	5,225
RGD1559531	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZQ96] [ENSRNOT00000048673]	5,225
Ftsjd1	Rattus norvegicus FtsJ methyltransferase domain containing 1 (Ftsjd1), mRNA [NM_001106186]	5,225
Tnrc6b	Rattus norvegicus trinucleotide repeat containing 6B (Tnrc6b), mRNA [NM_138845]	5,224
Ppil4	Rattus norvegicus peptidylprolyl isomerase (cyclophilin)-like 4 (Ppil4), mRNA [NM_001108457]	5,223
RGD1565025	RCG48116, isoform CRA_aUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A806] [ENSRNOT00000028197]	5,221
Ptpn2	Rattus norvegicus protein tyrosine phosphatase, non-receptor type 2 (Ptpn2), mRNA [NM_053990]	5,219
Golt1a	Rattus norvegicus golgi transport 1 homolog A (S. cerevisiae) (Golt1a), mRNA [NM_001109070]	5,219
Fam69a	Rattus norvegicus family with sequence similarity 69, member A (Fam69a), mRNA [NM_001170456]	5,219
0	Unknown	5,219
0	Unknown	5,218
S100z	Rattus norvegicus S100 calcium binding protein Z (S100z), mRNA [NM_001191701]	5,218
Ces1a	Rattus norvegicus carboxylesterase 1A (Ces1a), mRNA [NM_001190375]	5,218
Glyctk	Rattus norvegicus glycerate kinase (Glyctk), mRNA [NM_001109449]	5,217
0	Unknown	5,217
Nap5	PREDICTED: Rattus norvegicus Nck-associated protein 5 (Nap5), mRNA [XM_344134]	5,217
Nvl	Rattus norvegicus nuclear VCP-like (Nvl), mRNA [NM_001105980]	5,216
Pikfyve	Similar to phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III isoform 2Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZT14] [ENSRNOT00000020447]	5,215
Osgin1	Rattus norvegicus oxidative stress induced growth inhibitor 1 (Osgin1), mRNA [NM_138504]	5,213
Rufy2	Rattus norvegicus RUN and FYVE domain containing 2 (Rufy2), mRNA [NM_001168586]	5,212
Kctd21	Rattus norvegicus potassium channel tetramerisation domain containing 21 (Kctd21), mRNA [NM_001109151]	5,212

Ctu1	Rattus norvegicus cytosolic thiouridylase subunit 1 homolog (S. pombe) (Ctu1), mRNA [NM_001106251]	5,212
0	Unknown	5,210
Morc3	Rattus norvegicus MORC family CW-type zinc finger 3 (Morc3), mRNA [NM_001107109]	5,210
0	Unknown	5,209
Kcnmb3	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M beta member 3 (Kcnmb3), mRNA [NM_001104560]	5,209
Avil	Rattus norvegicus advillin (Avil), mRNA [NM_024401]	5,209
Snx8	Rattus norvegicus sorting nexin 8 (Snx8), mRNA [NM_001105912]	5,209
0	Unknown	5,209
RGD1308117	Rattus norvegicus similar to 9930012K11Rik protein (RGD1308117), mRNA [NM_001134571]	5,209
Lmbr1l	Rattus norvegicus limb region 1-like homolog (mouse) (Lmbr1l), mRNA [NM_001013950]	5,209
Ostc	Rattus norvegicus oligosaccharyltransferase complex subunit (Ostc), mRNA [NM_001108566]	5,208
Galnt14	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14) (Galnt14), mRNA [NM_001012109]	5,208
Timm13	Rattus norvegicus translocase of inner mitochondrial membrane 13 homolog (yeast) (Timm13), nuclear gene encoding mitochondrial protein, mRNA [NM_145781]	5,207
Oprm1	Rattus norvegicus opioid receptor, mu 1 (Oprm1), transcript variant MOR-1B2, mRNA [NM_001038599]	5,207
Serp2	Rattus norvegicus stress-associated endoplasmic reticulum protein family member 2 (Serp2), mRNA [NM_001109104]	5,207
0	Unknown	5,206
0	Rattus norvegicus similar to Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) (38 kDa BFA-dependent ADP-ribosylation substrate) (BARS-38) (LOC362444), mRNA [XM_342766]	5,206
0	Leucine-rich repeat-containing protein KIAA1731 homolog [Source:UniProtKB/Swiss-Prot;Acc:A4L9P8] [ENSRNOT00000029634]	5,206
Eif2b5	Rattus norvegicus eukaryotic translation initiation factor 2B, subunit 5 epsilon (Eif2b5), mRNA [NM_138866]	5,206
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAQ6] [ENSRNOT00000024122]	5,205
LOC684280	PREDICTED: Rattus norvegicus similar to Class I histocompatibility antigen, Non-RT1.A alpha-1 chain precursor (LOC684280), partial mRNA [XM_001069706]	5,205
0	Putative uncharacterized protein RGD1559942_predictedUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZXR2] [ENSRNOT00000059680]	5,205
Ccng2	Rattus norvegicus cyclin G2 (Ccng2), mRNA [NM_001105725]	5,204
0	Unknown	5,202
0	Unknown	5,202
Camsap1	Rattus norvegicus calmodulin regulated spectrin-associated protein 1 (Camsap1), mRNA [NM_001168549]	5,201
Nt5dc2	Rattus norvegicus 5'-nucleotidase domain containing 2 (Nt5dc2), mRNA [NM_001009271]	5,200
0	Unknown	5,200
Tut1	Rattus norvegicus terminal uridylyl transferase 1, U6 snRNA-specific (Tut1), mRNA [NM_001033901]	5,200

Camkk1	Rattus norvegicus calcium/calmodulin-dependent protein kinase kinase 1, alpha (Camkk1), mRNA [NM_031662]	5,199
Phrf1	Rattus norvegicus PHD and ring finger domains 1 (Phrf1), mRNA [NM_139093]	5,199
Tmem158	Rattus norvegicus transmembrane protein 158 (Tmem158), mRNA [NM_057212]	5,198
RGD1560187	Rattus norvegicus similar to protein of fungal metazoan origin like (11.1 kD) (2C514) (LOC362641), mRNA [XM_342957]	5,198
Chrm3	Rattus norvegicus cholinergic receptor, muscarinic 3 (Chrm3), mRNA [NM_012527]	5,196
0	Unknown	5,195
Tmem79	Rattus norvegicus transmembrane protein 79 (Tmem79), mRNA [NM_001033896]	5,194
0	AGENCOURT_31522257 NIH_MGC_269 Rattus norvegicus cDNA clone IMAGE:7460337 5', mRNA sequence [CV117922]	5,194
Csrp2	Rattus norvegicus cysteine and glycine-rich protein 2 (Csrp2), mRNA [NM_177425]	5,194
Faim	Rattus norvegicus Fas apoptotic inhibitory molecule (Faim), mRNA [NM_080895]	5,193
Zfp51	Rattus norvegicus zinc finger protein 51 (Zfp51), mRNA [NM_001107467]	5,193
Apoh	Rattus norvegicus apolipoprotein H (beta-2-glycoprotein I) (Apoh), mRNA [NM_001009626]	5,192
LOC688298	Rattus norvegicus hypothetical protein LOC688298 (LOC688298), mRNA [NM_001143896]	5,192
0	Unknown	5,192
Kcnb2	Rattus norvegicus potassium voltage gated channel, Shab-related subfamily, member 2 (Kcnb2), mRNA [NM_054000]	5,191
0	Unknown	5,190
Zfp105	Rattus norvegicus zinc finger protein 105 (Zfp105), mRNA [NM_001012128]	5,190
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ABH4] [ENSRNOT00000014695]	5,189
Mtmr1	Rattus norvegicus myotubularin related protein 1 (Mtmr1), mRNA [NM_001191725]	5,189
Ednra	Rattus norvegicus endothelin receptor type A (Ednra), mRNA [NM_012550]	5,189
Slc39a7	Rattus norvegicus solute carrier family 39 (zinc transporter), member 7 (Slc39a7), transcript variant 2, mRNA [NM_001008885]	5,188
LOC688310	PREDICTED: Rattus norvegicus similar to CG5500-PA (LOC688310), mRNA [XM_001081793]	5,188
0	Unknown	5,187
Havcr2	Rattus norvegicus hepatitis A virus cellular receptor 2 (Havcr2), mRNA [NM_001100762]	5,187
Mkln1	Rattus norvegicus muskelin 1, intracellular mediator containing kelch motifs (Mkln1), mRNA [NM_031359]	5,186
Nes	Rattus norvegicus nestin (Nes), mRNA [NM_012987]	5,186
Smug1	Rattus norvegicus single-strand-selective monofunctional uracil-DNA glycosylase 1 (Smug1), mRNA [NM_177934]	5,186
RGD1311578	Rattus norvegicus similar to PRO1853 homolog (RGD1311578), mRNA [NM_001008318]	5,185
Zfp131	Rattus norvegicus zinc finger protein 131 (Zfp131), mRNA [NM_001100698]	5,184
Smarcc1	Rattus norvegicus SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1 (Smarcc1), mRNA [NM_001106861]	5,184
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4ADK1] [ENSRNOT00000046038]	5,183
Fam92a1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZP87] [ENSRNOT00000022249]	5,183
0	Unknown	5,182

0	Unknown	5,181
Fkbp7	Rattus norvegicus FK506 binding protein 7 (Fkbp7), mRNA [NM_001106485]	5,181
Cggbp1	Rattus norvegicus CGG triplet repeat binding protein 1 (Cggbp1), mRNA [NM_001105900]	5,180
0	Unknown	5,180
RGD1307465	Rattus norvegicus similar to RIKEN cDNA 8430406I07 (RGD1307465), mRNA [NM_001009655]	5,178
Tagln3	Rattus norvegicus transgelin 3 (Tagln3), transcript variant 2, mRNA [NM_031676]	5,178
Rps2-ps7	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S2 (LOC688435), mRNA [XM_002725434]	5,177
Apobec2	Rattus norvegicus apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 (Apobec2), mRNA [NM_001106883]	5,177
Rbak	Rattus norvegicus RB-associated KRAB zinc finger (Rbak), mRNA [NM_001191664]	5,175
Vom1r48	Rattus norvegicus vomeronasal 1 receptor 48 (Vom1r48), mRNA [NM_001008931]	5,175
Tnnc1	Rattus norvegicus troponin C type 1 (slow) (Tnnc1), mRNA [NM_001034105]	5,175
Slc43a3	Rattus norvegicus solute carrier family 43, member 3 (Slc43a3), mRNA [NM_001107743]	5,175
Slc44a4	Rattus norvegicus solute carrier family 44, member 4 (Slc44a4), mRNA [NM_212541]	5,172
0	Unknown	5,172
0	PREDICTED: Rattus norvegicus RGD1564086 (RGD1564086), mRNA [XM_001078704]	5,171
0	Q6UX82_HUMAN (Q6UX82) Phospholipase inhibitor, partial (16%) [TC595358]	5,171
0	Rab3 GTPase-activating protein catalytic subunit [Source:UniProtKB/Swiss-Prot;Acc:P69735] [ENSRNOT00000005289]	5,170
0	BF543486 UI-R-C3-sz-e-01-0-UI.r1 UI-R-C3 Rattus norvegicus cDNA clone UI-R-C3-sz-e-01-0-UI 5', mRNA sequence [BF543486]	5,169
Slc26a10	solute carrier family 26 member 10 [Source:RefSeq peptide;Acc:NP_001128067] [ENSRNOT000000052288]	5,169
Olr165	Rattus norvegicus olfactory receptor 165 (Olr165), mRNA [NM_001000172]	5,169
Ppil4	peptidyl-prolyl cis-trans isomerase-like 4 [Source:RefSeq peptide;Acc:NP_001101927] [ENSRNOT000000021437]	5,169
Wif1	Rattus norvegicus Wnt inhibitory factor 1 (Wif1), mRNA [NM_053738]	5,168
Fzd6	Rattus norvegicus frizzled homolog 6 (Drosophila) (Fzd6), mRNA [NM_001130536]	5,167
Anapc7	Rattus norvegicus anaphase promoting complex subunit 7 (Anapc7), mRNA [NM_001107142]	5,167
Odz3	Rattus norvegicus odz, odd Oz/ten-m homolog 3 (Drosophila) (Odz3), mRNA [NM_001169133]	5,166
Btbd1	Rattus norvegicus BTB (POZ) domain containing 1 (Btbd1), mRNA [NM_001011932]	5,166
Parp8	PREDICTED: Rattus norvegicus poly (ADP-ribose) polymerase family, member 8 (Parp8), mRNA [XM_001068789]	5,166
Agtr1a	Rattus norvegicus angiotensin II receptor, type 1a (Agtr1a), mRNA [NM_030985]	5,165
0	Unknown	5,165
Fshr	Rattus norvegicus follicle stimulating hormone receptor (Fshr), mRNA [NM_199237]	5,164
0	Unknown	5,162
Hapln4	Rattus norvegicus hyaluronan and proteoglycan link protein 4 (Hapln4), mRNA [NM_001108398]	5,161
LOC684919	PREDICTED: Rattus norvegicus similar to zinc finger protein 449 (LOC684919), mRNA [XM_001072469]	5,161
RGD1562381	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZM01] [ENSRNOT000000040565]	5,161

Lin54	Rattus norvegicus lin-54 homolog (C. elegans) (Lin54), mRNA [NM_001100564]	5,161
Leng8	Rattus norvegicus leukocyte receptor cluster (LRC) member 8 (Leng8), mRNA [NM_001037790]	5,161
Scand3	Rattus norvegicus SCAN domain containing 3 (Scand3), mRNA [NM_001105924]	5,160
0	Unknown	5,160
Dak	Rattus norvegicus dihydroxyacetone kinase 2 homolog (S. cerevisiae) (Dak), mRNA [NM_001039031]	5,160
Ints10	Rattus norvegicus integrator complex subunit 10 (Ints10), mRNA [NM_001134416]	5,159
Aen	Rattus norvegicus apoptosis enhancing nuclease (Aen), mRNA [NM_001108487]	5,158
Otub2	Rattus norvegicus OTU domain, ubiquitin aldehyde binding 2 (Otub2), mRNA [NM_001108053]	5,157
Zfp319	Rattus norvegicus zinc finger protein 319 (Zfp319), mRNA [NM_001170478]	5,157
Top2a	DNA topoisomerase 2-alpha [Source:UniProtKB/Swiss-Prot;Acc:P41516] [ENSRNOT00000050725]	5,157
Epc2	Rattus norvegicus enhancer of polycomb homolog 2 (Drosophila) (Epc2), mRNA [NM_001108581]	5,157
0	Rattus norvegicus chromosome 10, 7 clones, strain BN/SsNHsdMCW RNOR03214123, whole genome shotgun sequence [AABR03073170]	5,157
Tcp1111	Rattus norvegicus t-complex 11 like 1 (Tcp1111), mRNA [NM_001109202]	5,156
RGD1564952	PREDICTED: Rattus norvegicus similar to zinc finger, RAN-binding domain containing 3 (RGD1564952), mRNA [XM_002728000]	5,155
Surf6	Rattus norvegicus surf6 (Surf6), mRNA [NM_001015014]	5,154
0	Rattus norvegicus chromosome 20, 4 clones, strain BN/SsNHsdMCW RNOR03269132, whole genome shotgun sequence [AABR03116353]	5,154
Mthfd2	Rattus norvegicus methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase (Mthfd2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109398]	5,154
LOC679682	Rattus norvegicus similar to ES cell-expressed Ras (LOC679682), mRNA [NM_001109375]	5,153
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSV9] [ENSRNOT00000011770]	5,153
Pc	Rattus norvegicus pyruvate carboxylase (Pc), nuclear gene encoding mitochondrial protein, mRNA [NM_012744]	5,153
Phgr1	PREDICTED: Rattus norvegicus similar to RIKEN cDNA 1810007E14 (RGD1566202), mRNA [XM_001080765]	5,153
Naprt1	Rattus norvegicus nicotinate phosphoribosyltransferase domain containing 1 (Naprt1), mRNA [NM_207609]	5,152
LOC690000	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZWS2] [ENSRNOT00000020079]	5,152
Farsb	Rattus norvegicus phenylalanyl-tRNA synthetase, beta subunit (Farsb), mRNA [NM_001004252]	5,152
0	Unknown	5,152
RGD1306954	Rattus norvegicus similar to RIKEN cDNA 1110004E09 (RGD1306954), mRNA [NM_001008288]	5,152
0	Unknown	5,152
Clec1a	Rattus norvegicus C-type lectin domain family 1, member a (Clec1a), mRNA [NM_001109253]	5,150
Xrcc6bp1	Rattus norvegicus XRCC6 binding protein 1 (Xrcc6bp1), mRNA [NM_001134466]	5,150
Rps24	Rattus norvegicus ribosomal protein S24 (Rps24), mRNA [NM_031112]	5,149
Sts	Rattus norvegicus steroid sulfatase (Sts), mRNA [NM_012661]	5,149
Svop	Rattus norvegicus SV2 related protein (Svop), mRNA [NM_134404]	5,148
Mrpl19	Rattus norvegicus mitochondrial ribosomal protein L19 (Mrpl19), nuclear gene encoding mitochondrial protein, mRNA [NM_001029898]	5,148

Fcgr1a	Rattus norvegicus Fc fragment of IgG, high affinity Ia, receptor (CD64) (Fcgr1a), mRNA [NM_001100836]	5,148
0	Unknown	5,148
Kif4b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZYT4] [ENSRNOT00000006165]	5,147
Abcf2	Rattus norvegicus ATP-binding cassette, subfamily F (GCN20), member 2 (Abcf2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109666]	5,147
0	Unknown	5,147
Lrrc48	Rattus norvegicus leucine rich repeat containing 48 (Lrrc48), mRNA [NM_001013857]	5,145
Lpar2	Rattus norvegicus lysophosphatidic acid receptor 2 (Lpar2), mRNA [NM_001109109]	5,145
0	Unknown	5,144
Obsl1	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZZ80] [ENSRNOT00000020673]	5,144
0	Unknown	5,142
Rbm41	Rattus norvegicus RNA binding motif protein 41 (Rbm41), mRNA [NM_001109420]	5,142
0	AI555711 UI-R-C2p-qr-b-08-0-UI.s1 UI-R-C2p Rattus norvegicus cDNA clone UI-R-C2p-qr-b-08-0-UI 3', mRNA sequence [AI555711]	5,142
Optc	Rattus norvegicus opticin (Optc), mRNA [NM_001107176]	5,142
Sik1	Serine/threonine-protein kinase SIK1 [Source:UniProtKB/Swiss-Prot;Acc:Q9R1U5] [ENSRNOT00000001579]	5,140
Pcyox1	Rattus norvegicus prenylcysteine oxidase 1 (Pcyox1), mRNA [NM_145085]	5,140
Zfp445	Rattus norvegicus zinc finger protein 445 (Zfp445), mRNA [NM_001191802]	5,140
Fam71f1	Rattus norvegicus family with sequence similarity 71, member F1 (Fam71f1), mRNA [NM_001024324]	5,140
Olr921	Rattus norvegicus olfactory receptor 921 (Olr921), mRNA [NM_001001385]	5,139
Gpn2	GPN-loop GTPase 2 [Source:UniProtKB/Swiss-Prot;Acc:D4A7C0] [ENSRNOT00000009275]	5,138
Stbd1	Rattus norvegicus starch binding domain 1 (Stbd1), mRNA [NM_001013988]	5,138
Mixl1	Rattus norvegicus Mix1 homeobox-like 1 (Xenopus laevis) (Mixl1), mRNA [NM_001105979]	5,137
Kcng3	Rattus norvegicus potassium voltage-gated channel, subfamily G, member 3 (Kcng3), transcript variant 1, mRNA [NM_133426]	5,137
LOC691661	Rattus norvegicus similar to hypothetical protein FLJ35105 (LOC297949), mRNA [XM_232841]	5,136
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZRD1] [ENSRNOT00000013290]	5,136
Flt3	Rattus norvegicus fms-related tyrosine kinase 3 (Flt3), mRNA [NM_001100822]	5,136
Wdr55	Rattus norvegicus WD repeat domain 55 (Wdr55), mRNA [NM_001017932]	5,136
Lztf11	Rattus norvegicus leucine zipper transcription factor-like 1 (Lztf11), mRNA [NM_001024266]	5,135
Trim36	Rattus norvegicus tripartite motif-containing 36 (Trim36), mRNA [NM_001106147]	5,135
RGD1561955	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSZ6] [ENSRNOT00000058079]	5,133
Lamp1	Rattus norvegicus lysosomal-associated membrane protein 1 (Lamp1), mRNA [NM_012857]	5,132
Oprd1	Rattus norvegicus opioid receptor, delta 1 (Oprd1), mRNA [NM_012617]	5,131
Neil1	Rattus norvegicus nei endonuclease VIII-like 1 (E. coli) (Neil1), mRNA [NM_001025754]	5,131
Smyd3	Rattus norvegicus SET and MYND domain containing 3 (Smyd3), mRNA [NM_001025762]	5,130

Slc26a2	Rattus norvegicus solute carrier family 26 (sulfate transporter), member 2 (Slc26a2), mRNA [NM_057127]	5,130
Trim39	Rattus norvegicus tripartite motif-containing 39 (Trim39), mRNA [NM_213562]	5,129
0	Rattus norvegicus similar to hypothetical protein MGC18873 (LOC302398), mRNA [XM_228559]	5,129
Haus1	Rattus norvegicus HAUS augmin-like complex, subunit 1 (Haus1), mRNA [NM_138864]	5,129
Trim67	Rattus norvegicus tripartite motif-containing 67 (Trim67), mRNA [NM_001135715]	5,129
Vamp5	Rattus norvegicus vesicle-associated membrane protein 5 (Vamp5), mRNA [NM_053555]	5,128
0	Unknown	5,128
LOC100359653	PREDICTED: Rattus norvegicus rCG43168-like (LOC100359653), mRNA [XM_002728431]	5,128
LOC690105	PREDICTED: Rattus norvegicus hypothetical protein LOC690105 (LOC690105), mRNA [XM_002726579]	5,127
Cpa2	Rattus norvegicus carboxypeptidase A2 (pancreatic) (Cpa2), mRNA [NM_001013083]	5,127
Adat1	Rattus norvegicus adenosine deaminase, tRNA-specific 1 (Adat1), mRNA [NM_001109611]	5,126
Zcchc9	Rattus norvegicus zinc finger, CCHC domain containing 9 (Zcchc9), mRNA [NM_001013156]	5,126
LOC687696	Rattus norvegicus similar to AMSH-family protein (LOC687696), mRNA [NM_001115048]	5,125
Hist1h2aa	Rattus norvegicus histone cluster 1, H2aa (Hist1h2aa), mRNA [NM_021839]	5,125
LOC691259	Rattus norvegicus hypothetical protein LOC691259 (LOC691259), mRNA [NM_001109632]	5,125
Map3k6	Rattus norvegicus mitogen-activated protein kinase kinase kinase 6 (Map3k6), mRNA [NM_001107909]	5,124
Sars	Rattus norvegicus seryl-tRNA synthetase (Sars), mRNA [NM_001007606]	5,124
Tle2	Rattus norvegicus transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila) (Tle2), mRNA [NM_001039013]	5,123
Cacng5	Rattus norvegicus calcium channel, voltage-dependent, gamma subunit 5 (Cacng5), mRNA [NM_080693]	5,122
Ndfip1	Rattus norvegicus Nedd4 family interacting protein 1 (Ndfip1), mRNA [NM_001013059]	5,122
Rhobtb1	Rattus norvegicus Rho-related BTB domain containing 1 (Rhobtb1), mRNA [NM_001107622]	5,122
Hook3	Rattus norvegicus hook homolog 3 (Drosophila) (Hook3), mRNA [NM_001136098]	5,121
Clca4	Rattus norvegicus chloride channel accessory 4 (Clca4), mRNA [NM_201419]	5,121
RGD1312005	Rattus norvegicus similar to DD1 (RGD1312005), mRNA [NM_001106144]	5,121
LOC362710	Rattus norvegicus hypothetical LOC362710 (LOC362710), mRNA [NM_001126372]	5,120
Ankrd28	Q505D1_MOUSE (Q505D1) Ankyrin repeat domain 28, partial (8%) [TC599514]	5,119
Hpx	Rattus norvegicus hemopexin (Hpx), mRNA [NM_053318]	5,118
0	Unknown	5,116
0	Unknown	5,115
0	Rattus norvegicus similar to KIAA1771 protein (LOC313388), mRNA [XM_242940]	5,115
0	Unknown	5,114
Dlk2	Rattus norvegicus delta-like 2 homolog (Drosophila) (Dlk2), mRNA [NM_001108202]	5,112
0	tRNA-splicing endonuclease subunit Sen15 [Source:RefSeq peptide;Acc:NP_001099428] [ENSRNOT00000003226]	5,112
Slc39a12	Rattus norvegicus solute carrier family 39 (zinc transporter), member 12 (Slc39a12), mRNA [NM_001106124]	5,111

0	Unknown	5,111
Ccdc34	Rattus norvegicus coiled-coil domain containing 34 (Ccdc34), mRNA [NM_001108587]	5,110
Dnajc25	Rattus norvegicus DnaJ (Hsp40) homolog, subfamily C, member 25 (Dnajc25), mRNA [NM_001025021]	5,110
Epha2	Rattus norvegicus Eph receptor A2 (Epha2), mRNA [NM_001108977]	5,109
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A886] [ENSRNOT00000052276]	5,109
LOC678766	PREDICTED: Rattus norvegicus similar to ras homolog gene family, member U (LOC678766), mRNA [XM_001053087]	5,108
0	Rattus norvegicus chromosome 7, 38 clones, strain BN/SsNHsdMCW RNOR03304491, whole genome shotgun sequence [AABR03059028]	5,107
Ly9	Rattus norvegicus lymphocyte antigen 9 (Ly9), mRNA [NM_001191673]	5,107
0	Unknown	5,107
Gamt	Rattus norvegicus guanidinoacetate N-methyltransferase (Gamt), mRNA [NM_012793]	5,106
0	Unknown	5,106
Rnf213	PREDICTED: Rattus norvegicus ring finger protein 213 (Rnf213), mRNA [XM_001081768]	5,106
Tubgcp2	Rattus norvegicus tubulin, gamma complex associated protein 2 (Tubgcp2), mRNA [NM_001107560]	5,106
0	RCG47285, isoform CRA_bUncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZEH6] [ENSRNOT00000024237]	5,105
Kcnmb4	Rattus norvegicus potassium large conductance calcium-activated channel, subfamily M, beta member 4 (Kcnmb4), mRNA [NM_023960]	5,104
0	Unknown	5,104
Morn2	Rattus norvegicus MORN repeat containing 2 (Morn2), transcript variant 1, mRNA [NM_001126086]	5,104
Alg5	Rattus norvegicus asparagine-linked glycosylation 5, dolichyl-phosphate beta-glucosyltransferase homolog (<i>S. cerevisiae</i>) (Alg5), mRNA [NM_001025407]	5,104
RGD1566215	Rattus norvegicus similar to Coatomer gamma-2 subunit (Gamma-2 coat protein) (Gamma-2 COP) (RGD1566215), mRNA [NM_001106929]	5,103
Efha1	Rattus norvegicus EF-hand domain family, member A1 (Efha1), mRNA [NM_134396]	5,103
Rps17	Rattus norvegicus ribosomal protein S17 (Rps17), mRNA [NM_017152]	5,103
Cbx3	Rattus norvegicus chromobox homolog 3 (HP1 gamma homolog, <i>Drosophila</i>) (Cbx3), mRNA [NM_001008313]	5,103
Rdh8	Rattus norvegicus retinol dehydrogenase 8 (all-trans) (Rdh8), mRNA [NM_001168593]	5,102
RGD1563441	Rattus norvegicus similar to RIKEN cDNA A030009H04 (RGD1563441), mRNA [NM_001126292]	5,102
Vps4b	Rattus norvegicus vacuolar protein sorting 4 homolog B (<i>S. cerevisiae</i>) (Vps4b), mRNA [NM_001025716]	5,102
Egln2	Rattus norvegicus EGL nine homolog 2 (<i>C. elegans</i>) (Egln2), mRNA [NM_001004083]	5,099
Usp43	Rattus norvegicus ubiquitin specific peptidase 43 (Usp43), mRNA [NM_001100968]	5,099
Dcaf12l1	Rattus norvegicus DDB1 and CUL4 associated factor 12-like 1 (Dcaf12l1), mRNA [NM_001107941]	5,099
0	Unknown	5,098
0	Unknown	5,098
Rpusd1	Rattus norvegicus RNA pseudouridylate synthase domain containing 1 (Rpusd1), mRNA [NM_001105774]	5,098
Cntnap5	Rattus norvegicus contactin associated protein-like 5 (Cntnap5), mRNA [NM_001047866]	5,097
0	Mast cell protease 1-like 2 [Source:UniProtKB/TrEMBL;Acc:Q6IE56] [ENSRNOT00000038253]	5,097

Vwa2	PREDICTED: Rattus norvegicus von Willebrand factor A domain containing 2 (Vwa2), miscRNA [XR_008134]	5,097
LOC680711	PREDICTED: Rattus norvegicus hypothetical protein LOC680711 (LOC680711), mRNA [XM_001056892]	5,095
0	Nipped-B homolog (Drosophila)Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZG77] [ENSRNOT00000021181]	5,093
Hexdc	Rattus norvegicus hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing (Hexdc), mRNA [NM_001142562]	5,093
Paip1	Rattus norvegicus poly(A) binding protein interacting protein 1 (Paip1), mRNA [NM_001108937]	5,093
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A1S8] [ENSRNOT00000046898]	5,092
Ube2c	Rattus norvegicus ubiquitin-conjugating enzyme E2C (Ube2c), mRNA [NM_001106542]	5,090
Fbxl4	Rattus norvegicus F-box and leucine-rich repeat protein 4 (Fbxl4), mRNA [NM_001107919]	5,090
0	Unknown	5,090
RGD1563170	PREDICTED: Rattus norvegicus RGD1563170 (RGD1563170), mRNA [XM_001054677]	5,089
LOC100233176	Rattus norvegicus hypothetical protein LOC100233176 (LOC100233176), transcript variant 2, mRNA [NM_001142942]	5,089
Retsat	Rattus norvegicus retinol saturase (all trans retinol 13,14 reductase) (Retsat), mRNA [NM_145084]	5,089
Ncoa2	Rattus norvegicus nuclear receptor coactivator 2 (Ncoa2), mRNA [NM_031822]	5,088
Klk12	Rattus norvegicus kallikrein related-peptidase 12 (Klk12), mRNA [NM_001107508]	5,087
RGD1563015	Rattus norvegicus RGD1563015 (RGD1563015), mRNA [NM_001134627]	5,087
Fez2	Rattus norvegicus fasciculation and elongation protein zeta 2 (zygin II), mRNA (cDNA clone MGC:112579 IMAGE:7128839), complete cds. [BC100060]	5,087
Nudcd1	Rattus norvegicus NudC domain containing 1 (Nudcd1), mRNA [NM_001130561]	5,087
Tomm40	Rattus norvegicus translocase of outer mitochondrial membrane 40 homolog (yeast) (Tomm40), nuclear gene encoding mitochondrial protein, mRNA [NM_212520]	5,087
RGD1564906	Glutathione S-transferase [Source:UniProtKB/TrEMBL;Acc:D3ZBD6] [ENSRNOT00000000233]	5,086
0	Unknown	5,086
Pcyt2	Rattus norvegicus phosphate cytidylyltransferase 2, ethanolamine (Pcyt2), mRNA [NM_053568]	5,086
0	Unknown	5,085
Ttc3	Rattus norvegicus tetratricopeptide repeat domain 3 (Ttc3), mRNA [NM_001108315]	5,084
Gpr113	Rattus norvegicus G protein-coupled receptor 113 (Gpr113), mRNA [NM_001106712]	5,083
RGD1307225	Rattus norvegicus similar to MEGF6 (RGD1307225), mRNA [NM_001107663]	5,083
0	Unknown	5,083
0	Q8K0W6_MOUSE (Q8K0W6) LOC545728 protein (Fragment), partial (29%) [TC590048]	5,083
Ctxn3	Rattus norvegicus cortexin 3 (Ctxn3), mRNA [NM_001134696]	5,082
Snx32	PREDICTED: Rattus norvegicus sorting nexin 32 (Snx32), mRNA [XM_001073782]	5,082
Gal	Rattus norvegicus galanin prepropeptide (Gal), mRNA [NM_033237]	5,081
RGD1565657	similar to germ cell-less (RGD1565657), mRNA [Source:RefSeq DNA;Acc:NM_001106728] [ENSRNOT00000041559]	5,081
0	Unknown	5,080

Mmp17	Rattus norvegicus matrix metallopeptidase 17 (Mmp17), mRNA [NM_001105925]	5,080
RGD1564171	Rattus norvegicus RGD1564171 (RGD1564171), mRNA [NM_001109186]	5,080
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZSU9] [ENSRNOT00000050431]	5,080
Spink2	Rattus norvegicus serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor) (Spink2), mRNA [NM_001008870]	5,080
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJ17] [ENSRNOT00000006594]	5,080
Fam176b	Rattus norvegicus family with sequence similarity 176, member B (Fam176b), mRNA [NM_001108679]	5,080
Fam183b	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8P9] [ENSRNOT00000003841]	5,079
Stard4	Rattus norvegicus StAR-related lipid transfer (START) domain containing 4 (Stard4), mRNA [NM_001106159]	5,079
RGD1564325	40S ribosomal protein S24 [Source:UniProtKB/TrEMBL;Acc:D3ZFZ8] [ENSRNOT00000047252]	5,079
Dohh	Rattus norvegicus deoxyhypusine hydroxylase/monooxygenase (Dohh), mRNA [NM_001025006]	5,078
0	Unknown	5,077
Lrit1	Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1 [Source:UniProtKB/Swiss-Prot;Acc:Q9JMH2] [ENSRNOT00000017773]	5,076
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A3R8] [ENSRNOT00000049208]	5,076
N5	Rattus norvegicus DNA binding protein N5 (N5), mRNA [NM_022857]	5,076
Axl	Rattus norvegicus Axl receptor tyrosine kinase (Axl), transcript variant 1, mRNA [NM_031794]	5,076
Tmem57	Rattus norvegicus transmembrane protein 57 (Tmem57), mRNA [NM_001025699]	5,076
Cdk105	Rattus norvegicus CDK105 protein (Cdk105), mRNA [NM_134415]	5,076
RGD1563425	Rattus norvegicus similar to FLJ35784 protein (RGD1563425), mRNA [NM_001109059]	5,075
Prkcsh	Rattus norvegicus protein kinase C substrate 80K-H (Prkcsh), mRNA [NM_001106806]	5,075
Pdgfb	Rattus norvegicus platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog) (Pdgfb), mRNA [NM_031524]	5,075
0	Unknown	5,072
0	Rattus norvegicus similar to expressed sequence AI850305 (LOC314660), mRNA [XM_234947]	5,072
LOC690725	PREDICTED: Rattus norvegicus hypothetical protein LOC690725 (LOC690725), mRNA [XM_001075387]	5,072
Tmem107	Rattus norvegicus transmembrane protein 107 (Tmem107), mRNA [NM_001109648]	5,072
0	Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) (EC 1.2.1.12) - mouse (LOC308706), mRNA [XM_218761]	5,072
Brd1	Rattus norvegicus bromodomain containing 1 (Brd1), mRNA [NM_001108103]	5,071
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZDE9] [ENSRNOT00000041674]	5,070
Fxc1	Rattus norvegicus fractured callus expressed transcript 1 (Fxc1), mRNA [NM_053371]	5,070
LOC296778	Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC296778), mRNA [XM_216072]	5,070
Kidins220	Rattus norvegicus kinase D-interacting substrate 220 (Kidins220), mRNA [NM_053795]	5,069
Tspan11	Rattus norvegicus tetraspanin 11 (Tspan11), mRNA [NM_001024262]	5,068
Nup62	Rattus norvegicus nucleoporin 62 (Nup62), mRNA [NM_023098]	5,068

Stk35	Rattus norvegicus serine/threonine kinase 35 (Stk35), mRNA [NM_001107773]	5,067
Eral1	Rattus norvegicus Era (G-protein)-like 1 (E. coli) (Eral1), mRNA [NM_001013229]	5,067
Saps2	Rattus norvegicus SAPS domain family, member 2 (Saps2), mRNA [NM_001106789]	5,067
Trub1	Rattus norvegicus TruB pseudouridine (psi) synthase homolog 1 (E. coli) (Trub1), mRNA [NM_001012173]	5,067
Anp32b	Rattus norvegicus acidic (leucine-rich) nuclear phosphoprotein 32 family, member B (Anp32b), mRNA [NM_131911]	5,065
RGD1564048	PREDICTED: Rattus norvegicus similar to Protein C20orf46 (RGD1564048), mRNA [XM_001060786]	5,062
Afap111	Rattus norvegicus actin filament associated protein 1-like 1 (Afap111), mRNA [NM_001106142]	5,061
Pramef12	PREDICTED: Rattus norvegicus PRAME family member 12 (Pramef12), mRNA [XM_001077034]	5,061
Ngef	Rattus norvegicus neuronal guanine nucleotide exchange factor (Ngef), mRNA [NM_001136241]	5,060
Secisbp2	Rattus norvegicus SECIS binding protein 2 (Secisbp2), mRNA [NM_024002]	5,057
Slc7a15	Rattus norvegicus solute carrier family 7 (cationic amino acid transporter, y+ system), member 15 (Slc7a15), mRNA [NM_001106714]	5,057
Vom2r72	Rattus norvegicus vomeronasal 2 receptor, 72 (Vom2r72), mRNA [NM_001099517]	5,056
Pi4k2b	Rattus norvegicus phosphatidylinositol 4-kinase type 2 beta (Pi4k2b), mRNA [NM_001005883]	5,055
Gpsm2	Rattus norvegicus G-protein signaling modulator 2 (AGS3-like, C. elegans) (Gpsm2), mRNA [NM_001191962]	5,055
RGD1563159	Rattus norvegicus RGD1563159 (RGD1563159), mRNA [NM_001108428]	5,054
LOC689741	PREDICTED: Rattus norvegicus similar to Der1-like domain family, member 1 (LOC689741), mRNA [XM_001071836]	5,054
Nrbf2	Rattus norvegicus nuclear receptor binding factor 2 (Nrbf2), mRNA [NM_022186]	5,054
Scube1	Rattus norvegicus signal peptide, CUB domain, EGF-like 1 (Scube1), mRNA [NM_001134884]	5,052
RGD1307947	Rattus norvegicus similar to RIKEN cDNA C430008C19 (RGD1307947), mRNA [NM_001014083]	5,051
Myh11	Rattus norvegicus myosin, heavy chain 11, smooth muscle (Myh11), mRNA [NM_001170600]	5,051
Cog4	Rattus norvegicus component of oligomeric golgi complex 4 (Cog4), mRNA [NM_001108449]	5,051
0	Unknown	5,049
LOC685007	PREDICTED: Rattus norvegicus similar to unc-93 homolog A (LOC685007), mRNA [XM_001061886]	5,049
Ankrd27	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZBZ8] [ENSRNOT00000017669]	5,047
Rnf219	Rattus norvegicus ring finger protein 219 (Rnf219), mRNA [NM_001108389]	5,045
Mt3	Rattus norvegicus metallothionein 3 (Mt3), mRNA [NM_053968]	5,045
Bdh2	Rattus norvegicus 3-hydroxybutyrate dehydrogenase, type 2 (Bdh2), mRNA [NM_001106473]	5,045
0	Unknown	5,044
0	Unknown	5,043
Rab44	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A226] [ENSRNOT00000036899]	5,042
LOC679404	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d (LOC679404), mRNA [XM_001056196]	5,042
Mthfd2	Rattus norvegicus methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase (Mthfd2), nuclear gene encoding mitochondrial protein, mRNA [NM_001109398]	5,041
Gtf2ird1	Rattus norvegicus GTF2I repeat domain containing 1 (Gtf2ird1), mRNA [NM_001001504]	5,041

Csf3r	Rattus norvegicus colony stimulating factor 3 receptor (granulocyte) (Csf3r), mRNA [NM_001106685]	5,041
Sult4a1	Rattus norvegicus sulfotransferase family 4A, member 1 (Sult4a1), mRNA [NM_031641]	5,040
Zfp7	Rattus norvegicus zinc finger protein 7 (Zfp7), mRNA [NM_001142757]	5,040
Galnt10	Rattus norvegicus UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10) (Galnt10), mRNA [NM_130742]	5,039
LOC293589	Rattus norvegicus TL0AAA51YB05 mRNA sequence. [FQ212842]	5,038
0	Unknown	5,038
RGD1560073	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZCN9] [ENSRNOT00000043250]	5,034
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZAL9] [ENSRNOT00000068454]	5,034
Mrps26	Rattus norvegicus mitochondrial ribosomal protein S26 (Mrps26), nuclear gene encoding mitochondrial protein, mRNA [NM_001013206]	5,033
Papss1	Rattus norvegicus 3'-phosphoadenosine 5'-phosphosulfate synthase 1 (Papss1), mRNA [NM_001106471]	5,033
Bwk1	Rattus norvegicus Bwk1 leukemia-related gene (Bwk1), mRNA [NM_198743]	5,032
Fn1	Rattus norvegicus fibronectin 1 (Fn1), mRNA [NM_019143]	5,032
Gpt	Rattus norvegicus glutamic-pyruvate transaminase (alanine aminotransferase) (Gpt), mRNA [NM_031039]	5,030
lfrd2	Rattus norvegicus interferon-related developmental regulator 2 (lfrd2), mRNA [NM_001047871]	5,029
Slc9a4	Rattus norvegicus solute carrier family 9 (sodium/hydrogen exchanger), member 4 (Slc9a4), mRNA [NM_173098]	5,029
Cybb	Rattus norvegicus cytochrome b-245, beta polypeptide (Cybb), mRNA [NM_023965]	5,028
0	myoneurin [Source:RefSeq peptide;Acc:NP_001012178] [ENSRNOT00000058909]	5,028
Smptb	Rattus norvegicus polypyrimidine tract-binding protein (Smptb), mRNA [NM_182818]	5,027
Rad51ap1	Rattus norvegicus RAD51 associated protein 1 (Rad51ap1), mRNA [NM_001079711]	5,026
Wdr44	PREDICTED: Rattus norvegicus WD repeat domain 44 (Wdr44), mRNA [XM_001061437]	5,025
Puf60	Rattus norvegicus poly-U binding splicing factor 60 (Puf60), mRNA [NM_001191880]	5,024
LOC690269	PREDICTED: Rattus norvegicus hypothetical protein LOC690269 (LOC690269), mRNA [XM_002727149]	5,024
LOC503192	Zinc finger protein 6 [Source:UniProtKB/TrEMBL;Acc:P97662] [ENSRNOT00000019204]	5,024
Vps72	Rattus norvegicus vacuolar protein sorting 72 homolog (S. cerevisiae) (Vps72), mRNA [NM_001107695]	5,022
RGD1561635	PREDICTED: Rattus norvegicus similar to 40S ribosomal protein S17 (RGD1561635), mRNA [XM_002724878]	5,021
Scrib	Rattus norvegicus scribbled homolog (Drosophila) (Scrib), mRNA [NM_001191879]	5,020
Slc30a1	Rattus norvegicus solute carrier family 30 (zinc transporter), member 1 (Slc30a1), mRNA [NM_022853]	5,020
Ehd1	Rattus norvegicus EH-domain containing 1 (Ehd1), mRNA [NM_001011939]	5,019
Magee1	Rattus norvegicus melanoma antigen, family E, 1 (Magee1), mRNA [NM_001079891]	5,019
RGD1306001	Rattus norvegicus similar to 2210021J22Rik protein (RGD1306001), mRNA [NM_001130696]	5,018
Bspry	Rattus norvegicus B-box and SPRY domain containing (Bspry), mRNA [NM_022261]	5,018
0	Unknown	5,017
Nrtn	Rattus norvegicus neurturin (Nrtn), mRNA [NM_053399]	5,017

0	Unknown	5,016
Siat7E	PREDICTED: Rattus norvegicus sialyltransferase 7E (Siat7E), mRNA [XM_001078153]	5,016
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3Z8Y2] [ENSRNOT00000064614]	5,015
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4AEI9] [ENSRNOT00000034494]	5,014
Bex1	Rattus norvegicus brain expressed, X-linked 1 (Bex1), mRNA [NM_001037365]	5,014
0	Ankyrin repeat and SOCS box protein 14 [Source:UniProtKB/Swiss-Prot;Acc:P0C927] [ENSRNOT00000017847]	5,014
Rock1	Rattus norvegicus Rho-associated coiled-coil containing protein kinase 1 (Rock1), mRNA [NM_031098]	5,013
0	Unknown	5,013
Tmem121	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZMR5] [ENSRNOT00000006872]	5,012
Sec16b	Rattus norvegicus SEC16 homolog B (S. cerevisiae) (Sec16b), mRNA [NM_053571]	5,012
Cacybp	Rattus norvegicus calcyclin binding protein (Cacybp), mRNA [NM_001004208]	5,012
Itpripl1	Rattus norvegicus inositol 1,4,5-triphosphate receptor interacting protein-like 1 (Itpripl1), mRNA [NM_001025043]	5,011
0	Unknown	5,010
Mat2a	Rattus norvegicus methionine adenosyltransferase II, alpha (Mat2a), mRNA [NM_134351]	5,010
Rpl23	Rattus norvegicus ribosomal protein L23 (Rpl23), mRNA [NM_001007599]	5,009
Chrne	Rattus norvegicus cholinergic receptor, nicotinic, epsilon (Chrne), mRNA [NM_017194]	5,009
Dync1i2	Rattus norvegicus dynein cytoplasmic 1 intermediate chain 2 (Dync1i2), mRNA [NM_053880]	5,009
0	Unknown	5,009
Tomm6	RCG43475Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZJS3] [ENSRNOT00000018959]	5,009
Snx7	Rattus norvegicus sorting nexin 7 (Snx7), mRNA [NM_001012083]	5,008
Sec24b	Rattus norvegicus SEC24 family, member B (S. cerevisiae) (Sec24b), mRNA [NM_001106474]	5,008
LOC688302	PREDICTED: Rattus norvegicus similar to spermatogenesis associated glutamate (E)-rich protein 4d (LOC688302), partial mRNA [XM_002730119]	5,008
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D4A621] [ENSRNOT00000064915]	5,007
Myo1b	Rattus norvegicus myosin Ib (Myo1b), mRNA [NM_053986]	5,007
Pla2g15	Rattus norvegicus phospholipase A2, group XV (Pla2g15), mRNA [NM_001004277]	5,007
Nasp	Rattus norvegicus nuclear autoantigenic sperm protein (histone-binding) (Nasp), mRNA [NM_001005543]	5,006
Klc4	Rattus norvegicus kinesin light chain 4 (Klc4), mRNA [NM_001009601]	5,006
0	Unknown	5,004
Rplp0	Rattus norvegicus ribosomal protein, large, P0 (Rplp0), mRNA [NM_022402]	5,004
0	Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:D3ZPD3] [ENSRNOT00000056348]	5,003
Kifap3	Rattus norvegicus kinesin-associated protein 3 (Kifap3), mRNA [NM_001105964]	5,003
Prg4	Rattus norvegicus proteoglycan 4, (megakaryocyte stimulating factor, articular superficial zone protein, camptodactyly, arthropathy, coxa vara, pericarditis syndrome) (Prg4), mRNA [NM_001105962]	5,003

0	Unknown	5,003
Tceal8	Rattus norvegicus transcription elongation factor A (SII)-like 8 (Tceal8), mRNA [NM_001014275]	5,001
Hs3st5	Rattus norvegicus heparan sulfate (glucosamine) 3-O-sulfotransferase 5 (Hs3st5), mRNA [NM_001106392]	5,000