**Supplementary Table 3.**
List of genes commonly up-regulated in the microdissected cerebral white matter region after exposure to DBDE at 100 and 1000 ppm (≥ 2-fold)

| Accession no. | Gene title | Symbol | DBDE | | |
|---|---|---|---|---|---|
| | | | 10 ppm | 100 ppm | 1000 ppm |
| Up-regulated (669 genes) | | | | | |
| NM_001191992 | outer dense fiber of sperm tails 3B | Odf3b | 1.55 | 5.87 | 29.88 |
| BI288579 | EST | – | 1.18 | 84.91 | 27.81 |
| NM_001106602 | deoxyguanosine kinase | Dguok | 0.82 | 28.19 | 24.35 |
| XR_085573 | similar to mKIAA1783 protein | RGD1560214 | 0.63 | 9.81 | 15.39 |
| BM390363 | EST | – | 0.82 | 2.20 | 12.46 |
| NM_031686 | sodium channel, voltage-gated, type VII, alpha | Scn7a | 0.89 | 7.34 | 11.60 |
| NM_001191598 | coiled-coil domain containing 113 | Ccdc113 | 1.33 | 2.08 | 11.31 |
| BE113493 | EST | – | 0.64 | 12.08 | 11.20 |
| NM_021666 | triadin | Trdn | 1.38 | 5.40 | 10.88 |
| XM_002725158 | Hypothetical LOC290577 | LOC290577 | 1.43 | 3.86 | 10.76 |
| BM386877 | EST | – | 1.65 | 5.38 | 10.34 |
| NM_138884 | aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase) | Akr1d1 | 1.64 | 10.18 | 10.25 |
| NM_022928 | G protein-coupled receptor kinase 4 | Grk4 | 0.61 | 4.57 | 9.86 |
| NM_031635 | fucosyltransferase 2 (secretor status included) | Fut2 | 1.14 | 5.31 | 9.83 |
| XM_001061953 | Similar to paired immunoglobin-like type 2 receptor alpha | LOC685020 | 1.72 | 10.32 | 9.74 |
| AW433528 | EST | – | 1.02 | 5.75 | 9.32 |
| AI010736 | EST | – | 1.13 | 6.35 | 9.10 |
| NM_024365 | 5-hydroxytryptamine (serotonin) receptor 6 | Htr6 | 1.15 | 14.58 | 8.69 |
| NM_001033073 | defensin alpha-related sequence 1 | Defa-rs1 | 1.05 | 6.78 | 8.61 |
| AI233574 | EST | – | 1.74 | 4.29 | 8.20 |
| NM_001135807 | H2A histone family, member Y2 | H2afy2 | 1.45 | 3.10 | 8.06 |
| NM_139184 | proline-rich glycoprotein (sgp158) | Sgp158 | 1.77 | 6.77 | 7.93 |
| NM_001141935 | ATPase, class V, type 10A | Atp10a | 1.50 | 7.61 | 7.67 |
| XM_001061900 | histone cluster 1, H4m | Hist1h4m | 1.87 | 5.14 | 7.57 |
| NM_001106689 | Zinc finger protein 593 | Znf593 | 1.01 | 5.07 | 7.45 |
| NM_001009920 | glutathione S-transferase Yc2 subunit | Gsta5 | 1.03 | 2.42 | 7.39 |
| NM_001191758 | cache domain containing 1 | Cachd1 | 1.19 | 6.53 | 7.22 |
| AA893390 | EST | – | 0.54 | 2.68 | 7.19 |
| XM_001058380 | Hypothetical protein LOC680687 | LOC680687 | 1.44 | 5.41 | 7.16 |
| BE119818 | EST | – | 1.35 | 7.87 | 7.12 |
| XR_085609 | hypothetical LOC100363796 | LOC100363796 | 0.92 | 2.13 | 7.07 |
| AI598332 | EST | – | 1.02 | 2.19 | 6.96 |
| NM_147213 | alpha-2u globulin PGCL5 | LOC259245 | 1.98 | 3.02 | 6.93 |
| NM_001033964 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2 | Pfkfb2 | 1.92 | 6.05 | 6.89 |
| BF410174 | EST | – | 1.09 | 2.76 | 6.86 |
| XR_085950 | similar to Gene model 784 | RGD1561693 | 1.51 | 5.62 | 6.85 |
| BI282568 | keratinocyte differentiation associated protein | Krtdap | 1.18 | 5.46 | 6.83 |
| BF420118 | EST | – | 1.07 | 4.91 | 6.74 |
| AI008553 | EST | – | 1.88 | 3.64 | 6.71 |
| NM_001025417 | actin-like 7b | Actl7b | 1.66 | 6.41 | 6.71 |
| AA850953 | EST | – | 0.78 | 10.18 | 6.61 |
| XM_001059437 | Methyl-CpG binding domain protein 4 | Mbd4 | 1.97 | 5.69 | 6.58 |
| NM_022213 | phosphoinositide-3-kinase, regulatory subunit 3 (gamma) | Pik3r3 | 0.86 | 2.82 | 6.50 |
| BF545930 | EST | – | 0.89 | 3.20 | 6.27 |
| NM_001025661 | crumbs homolog 3 | Crb3 | 1.70 | 4.61 | 6.19 |
| XM_001081628 | SRY-box containing gene 9 | Sox9 | 1.39 | 3.18 | 6.17 |

| | | | | | |
|---|---|---|---|---|---|
| NM_181378 | cathepsin M | Ctsm | 1.12 | 7.07 | 6.14 |
| AA800583 | EST | – | 1.21 | 4.46 | 6.05 |
| NM_031688 | synuclein, gamma (breast cancer-specific protein 1) | Sncg | 0.97 | 4.50 | 6.05 |
| NM_012873 | protamine 2 | Prm2 | 1.71 | 2.15 | 5.92 |
| BF409344 | EST | – | 1.15 | 2.94 | 5.84 |
| NM_053851 | calcium channel, voltage-dependent, beta 2 subunit | Cacnb2 | 1.42 | 3.55 | 5.70 |
| NM_133536 | RAB3C, member RAS oncogene family | Rab3c | 1.00 | 2.31 | 5.68 |
| AI763952 | EST | – | 1.08 | 6.14 | 5.66 |
| NM_001109289 | similar to RIKEN cDNA 1700012B09 | RGD1561795 | 1.05 | 2.20 | 5.59 |
| BM389765 | EST | – | 1.19 | 2.72 | 5.56 |
| AW536017 | EST | – | 1.49 | 3.52 | 5.55 |
| XM_001066684 | similar to ovostatin-2 | RGD1565709 | 1.19 | 6.73 | 5.55 |
| NM_001013994 | REST corepressor 2 | Rcor2 | 1.92 | 2.91 | 5.53 |
| XR_085857 | similar to Kiaa0575 | RGD1564091 | 1.60 | 2.16 | 5.49 |
| NM_001025713 | similar to melanoma antigen family A, 10 | MGC114529 | 0.92 | 2.04 | 5.39 |
| NM_012566 | growth factor independent 1 transcription repressor | Gfi1 | 1.50 | 2.54 | 5.38 |
| AI639396 | EST | – | 1.07 | 4.82 | 5.37 |
| XM_578186 | Similar to C20orf118 | RGD1561343 | 1.95 | 4.37 | 5.35 |
| NM_001108069 | serine/threonine kinase 11 | Stk11 | 1.23 | 10.93 | 5.32 |
| NM_022628 | nephrosis 1 homolog | Nphs1 | 0.86 | 2.22 | 5.27 |
| BF399795 | EST | – | 1.38 | 4.48 | 5.26 |
| BF416438 | EST | – | 1.20 | 2.29 | 5.24 |
| BE113044 | EST | – | 1.09 | 2.57 | 5.22 |
| NM_023968 | neuropeptide Y receptor Y2 | Npy2r | 1.65 | 3.58 | 5.22 |
| NM_001106544 | dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit | Dpm1 | 1.09 | 3.04 | 5.22 |
| NM_183334 | lactate dehydrogenase A-like 6B | Ldhal6b | 1.25 | 2.28 | 5.21 |
| NM_053753 | C-type lectin domain family 4, member f | Clec4f | 1.04 | 2.24 | 5.21 |
| AW528716 | EST | – | 0.88 | 3.32 | 5.19 |
| NM_022599 | synaptojanin 2 binding protein | Synj2bp | 0.88 | 7.00 | 5.14 |
| BE114170 | EST | – | 1.18 | 4.22 | 5.09 |
| BE115208 | EST | – | 1.15 | 3.73 | 5.04 |
| NM_017265 | hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 6 | Hsd3b6 | 0.68 | 3.84 | 5.03 |
| BE102060 | EST | – | 1.56 | 4.90 | 5.02 |
| XM_002727806 | homeobox B2 | LOC100361765 | 1.50 | 2.36 | 5.01 |
| BF391102 | EST | – | 1.02 | 3.92 | 5.00 |
| AI556639 | EST | – | 1.76 | 2.47 | 4.98 |
| BG374590 | EST | – | 0.86 | 2.10 | 4.97 |
| NM_001108398 | Hyaluronan and proteoglycan link protein 4 | Hapln4 | 1.80 | 2.66 | 4.96 |
| BG375582 | EST | – | 1.12 | 2.30 | 4.96 |
| BE100632 | EST | – | 1.72 | 4.77 | 4.95 |
| XM_001059736 | similar to chromosome 9 open reading frame 5 | RGD1308958 | 0.66 | 3.28 | 4.90 |
| NM_012540 | cytochrome P450, family 1, subfamily a, polypeptide 1 | Cyp1a1 | 0.92 | 3.18 | 4.89 |
| BF414994 | EST | – | 0.94 | 5.21 | 4.88 |
| NM_001109363 | RAB17, member RAS oncogene family | Rab17 | 0.93 | 4.36 | 4.84 |
| NM_031813 | myosin binding protein H | Mybph | 0.86 | 2.49 | 4.82 |
| NM_001109607 | histidine triad nucleotide binding protein 1 | Hint1 | 0.97 | 4.29 | 4.80 |
| XM_001067323 | Hypothetical protein LOC688535 | LOC688535 | 1.58 | 2.26 | 4.77 |
| AI044342 | EST | – | 1.01 | 3.95 | 4.77 |
| NM_001109124 | Coiled-coil domain containing 112 | Ccdc112 | 0.70 | 3.67 | 4.77 |
| NM_001109024 | DnaJ (Hsp40) homolog, subfamily C, member 30 | Dnajc30 | 1.49 | 2.12 | 4.77 |
| BF403436 | EST | – | 1.18 | 7.28 | 4.75 |
| NM_001033860 | carcinoembryonic antigen-related cell adhesion | Ceacam1 | 0.72 | 4.52 | 4.74 |

| | | | | | |
|---|---|---|---|---|---|
| | molecule 1 | | | | |
| NM_001083338 | translocase of outer mitochondrial membrane 40 homolog B | Tomm40b | 0.83 | 5.21 | 4.74 |
| BF393107 | EST | – | 1.27 | 2.67 | 4.72 |
| NM_017180 | pleckstrin homology-like domain, family A, member 1 | Phlda1 | 1.32 | 2.91 | 4.72 |
| BF409856 | EST | – | 1.54 | 4.94 | 4.70 |
| NM_031538 | CD8a molecule | Cd8a | 0.98 | 2.40 | 4.70 |
| XM_001080252 | similar to Complement C5 precursor | RGD1308742 | 1.15 | 11.97 | 4.66 |
| BM385451 | EST | – | 1.19 | 3.31 | 4.63 |
| AI059958 | EST | – | 1.27 | 3.34 | 4.62 |
| NM_001108066 | AT rich interactive domain 3A (Bright like) | Arid3a | 1.05 | 3.93 | 4.62 |
| NM_001025274 | splicing factor, arginine/serine-rich 18 | Sfrs18 | 0.43 | 2.90 | 4.61 |
| NM_001108550 | periostin, osteoblast specific factor | Postn | 0.51 | 5.03 | 4.60 |
| NM_019345 | solute carrier family 12 (sodium/chloride transporters), member 3 | Slc12a3 | 0.53 | 4.51 | 4.59 |
| AI113313 | EST | – | 1.43 | 7.47 | 4.55 |
| BE099423 | EST | – | 1.40 | 3.54 | 4.52 |
| NM_181364 | thyrotropin releasing hormone receptor 2 | Trhr2 | 1.10 | 3.08 | 4.47 |
| AI412543 | EST | – | 0.95 | 4.54 | 4.45 |
| BF284535 | EST | – | 1.41 | 4.57 | 4.44 |
| BE099881 | EST | – | 0.88 | 2.34 | 4.44 |
| NM_022696 | Heart and neural crest derivatives expressed 2 | Hand2 | 0.88 | 4.27 | 4.42 |
| NM_001105920 | alkB, alkylation repair homolog 4 | Alkbh4 | 1.16 | 2.44 | 4.42 |
| AI555247 | EST | – | 1.02 | 4.64 | 4.42 |
| BE113549 | EST | – | 1.28 | 4.81 | 4.38 |
| X76129 | EST | – | 1.66 | 3.50 | 4.38 |
| BF408794 | EST | – | 1.36 | 5.24 | 4.37 |
| BE097095 | EST | – | 0.97 | 2.71 | 4.37 |
| NM_001100659 | CDC23 (cell division cycle 23) | Cdc23 | 1.97 | 4.07 | 4.36 |
| BF415420 | EST | – | 0.85 | 2.37 | 4.35 |
| NM_173321 | hemiferrin, transferrin-like protein | LOC286987 | 1.03 | 3.34 | 4.35 |
| NM_001037357 | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3-like | Lilrb3l | 1.50 | 5.33 | 4.32 |
| NM_001109892 | fibroblast growth factor receptor 2 | Fgfr2 | 1.26 | 2.70 | 4.30 |
| NM_021659 | synaptotagmin VII | Syt7 | 0.69 | 4.49 | 4.30 |
| NM_001166020 | E030032D13Rik gene | E030032D13Rik | 1.67 | 4.31 | 4.29 |
| NM_001025115 | signal transducing adaptor family member 1 | Stap1 | 1.18 | 2.43 | 4.27 |
| NM_001164396 | similar to 20-alpha-hydroxysteroid dehydrogenase | RGD1564865 | 0.69 | 2.83 | 4.27 |
| BF405078 | EST | – | 0.77 | 2.52 | 4.27 |
| NM_001079712 | lysine (K)-specific demethylase 4D | Kdm4d | 1.54 | 2.38 | 4.27 |
| AA997287 | EST | – | 1.62 | 3.41 | 4.26 |
| XM_001075943 | ER degradation enhancer, mannosidase alpha-like 1 | Edem1 | 1.49 | 4.15 | 4.21 |
| BF404359 | EST | – | 1.98 | 3.42 | 4.21 |
| NM_021583 | prostaglandin E synthase | Ptges | 0.67 | 3.48 | 4.21 |
| NM_001101008 | Similar to Fgfr1 oncogene partner | LOC683722 | 1.54 | 2.58 | 4.19 |
| AI598405 | EST | – | 0.41 | 4.45 | 4.19 |
| BF391867 | EST | – | 1.41 | 2.73 | 4.18 |
| BE106653 | EST | – | 1.25 | 3.88 | 4.18 |
| NM_031584 | solute carrier family 22 (organic cation transporter), member 2 | Slc22a2 | 1.68 | 3.52 | 4.15 |
| BE097012 | EST | – | 1.46 | 5.57 | 4.14 |
| AI716045 | EST | – | 1.36 | 5.80 | 4.14 |
| XM_002729840 | hypothetical protein LOC100362109 | LOC100362109 | 1.26 | 3.02 | 4.14 |
| AI639330 | EST | – | 1.11 | 2.43 | 4.10 |
| XM_001061311 | Hypothetical protein LOC681335 | LOC681335 | 1.47 | 3.25 | 4.09 |

| | | | | | |
|---|---|---|---|---|---|
| NM_001017497 | submaxillary gland androgen regulated protein 3A | Smr3a | 1.03 | 2.63 | 4.08 |
| BF410178 | EST | – | 1.15 | 3.81 | 4.06 |
| NM_134336 | neuroligin 3 | Nlgn3 | 1.62 | 3.28 | 4.04 |
| AI072279 | EST | – | 1.10 | 2.85 | 4.03 |
| AI113047 | EST | – | 1.17 | 3.08 | 4.03 |
| NM_001127659 | methionine-tRNA synthetase | Mars | 1.33 | 3.33 | 4.01 |
| NM_053914 | ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 | St8sia4 | 1.35 | 4.05 | 4.01 |
| NM_001108930 | pre-B lymphocyte 3 | Vpreb3 | 1.26 | 3.88 | 4.01 |
| BI850153 | EST | – | 1.26 | 8.13 | 4.00 |
| BI298075 | EST | – | 0.72 | 3.51 | 3.98 |
| XM_001076876 | obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF | Obscn | 1.13 | 3.66 | 3.98 |
| NM_013217 | myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4 | Mllt4 | 0.64 | 2.04 | 3.97 |
| BF564328 | EST | – | 0.77 | 9.47 | 3.97 |
| BG380223 | EST | – | 1.30 | 2.79 | 3.97 |
| AI030975 | EST | – | 1.61 | 2.59 | 3.96 |
| NM_023026 | ArfGAP with GTPase domain, ankyrin repeat and PH domain 2 | Agap2 | 0.95 | 4.54 | 3.96 |
| BF390840 | EST | – | 1.33 | 3.07 | 3.94 |
| AI044004 | EST | – | 1.39 | 2.00 | 3.94 |
| AI555848 | EST | – | 1.31 | 2.08 | 3.94 |
| NM_173127 | protease, serine, 3 | Prss3 | 0.84 | 3.81 | 3.93 |
| BF405026 | EST | – | 1.23 | 3.13 | 3.90 |
| BM389444 | EST | – | 1.90 | 5.68 | 3.89 |
| XM_001054773 | ankyrin repeat domain 60 | Ankrd60 | 1.93 | 3.14 | 3.89 |
| BF288845 | EST | – | 1.86 | 4.18 | 3.88 |
| NM_019166 | synaptogyrin 1 | Syngr1 | 1.57 | 2.83 | 3.88 |
| NM_001191916 | Bromodomain adjacent to zinc finger domain, 1B | Baz1b | 1.00 | 4.98 | 3.86 |
| NM_012996 | oxytocin, prepropeptide | Oxt | 0.91 | 4.78 | 3.86 |
| NM_001107194 | pogo transposable element with KRAB domain | Pogk | 1.72 | 3.27 | 3.83 |
| AI548379 | EST | – | 1.07 | 2.55 | 3.83 |
| AI235868 | EST | – | 0.89 | 2.70 | 3.81 |
| NM_001100514 | centrosomal protein 76kDa | Cep76 | 0.67 | 3.85 | 3.80 |
| NM_019183 | actin, alpha, cardiac muscle 1 | Actc1 | 1.20 | 2.40 | 3.79 |
| NM_001042579 | unc-13 homolog B | Unc13b | 1.21 | 3.24 | 3.79 |
| NM_001107153 | ubiquitin specific peptidase 30 | Usp30 | 0.93 | 3.11 | 3.78 |
| BE098450 | EST | – | 1.00 | 2.85 | 3.78 |
| NM_001082572 | Tripartite motif-containing 21 | Trim21 | 1.89 | 3.20 | 3.77 |
| NM_001107867 | ATPase, H transporting, lysosomal V1 subunit B1 | Atp6v1b1 | 0.94 | 3.05 | 3.77 |
| NM_138975 | WW domain binding protein 2 | Wbp2 | 1.65 | 3.66 | 3.77 |
| NM_001039338 | Zinc finger, DHHC-type containing 5 | Zdhhc5 | 0.79 | 3.64 | 3.76 |
| BI302053 | EST | – | 1.35 | 2.80 | 3.76 |
| NM_031713 | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3 | Lilrb3 | 0.97 | 10.23 | 3.76 |
| XM_002725948 | hypothetical protein LOC100360513 | LOC100360513 | 1.17 | 2.59 | 3.76 |
| BF284722 | EST | – | 1.70 | 6.20 | 3.75 |
| AW915304 | EST | – | 1.39 | 3.76 | 3.74 |
| NM_001100852 | zinc finger protein 746 | Znf746 | 0.72 | 3.93 | 3.74 |
| BF397286 | EST | – | 1.00 | 2.61 | 3.73 |
| BF410377 | EST | – | 1.83 | 2.24 | 3.73 |
| NM_001005877 | free fatty acid receptor 2 | Ffar2 | 1.09 | 5.88 | 3.73 |
| BI282060 | EST | – | 1.21 | 2.19 | 3.73 |
| NM_031804 | cytokine inducible SH2-containing protein | Cish | 1.84 | 2.64 | 3.72 |
| BE105421 | EST | – | 0.61 | 2.84 | 3.72 |

| | | | | | |
|---|---|---|---|---|---|
| AA956474 | EST | – | 0.68 | 3.47 | 3.72 |
| NM_053789 | interleukin 17B | Il17b | 1.69 | 3.07 | 3.70 |
| AI043832 | EST | – | 0.97 | 2.44 | 3.69 |
| NM_001191725 | Myotubularin related protein 1 | Mtmr1 | 1.64 | 2.10 | 3.69 |
| NM_017102 | solute carrier family 2 (facilitated glucose transporter), member 3 | Slc2a3 | 1.98 | 4.42 | 3.68 |
| AI044912 | EST | – | 1.24 | 2.96 | 3.68 |
| BF396101 | EST | – | 1.00 | 3.86 | 3.68 |
| NM_001110099 | ret proto-oncogene | Ret | 1.67 | 4.48 | 3.67 |
| NM_147144 | cancer susceptibility candidate 3 | Casc3 | 1.26 | 2.82 | 3.67 |
| AA963295 | EST | – | 1.13 | 4.60 | 3.65 |
| NM_031739 | potassium voltage-gated channel, Shal-related subfamily, member 3 | Kcnd3 | 0.96 | 3.75 | 3.64 |
| NM_001191692 | leucine rich repeat containing 16A | Lrrc16a | 1.18 | 2.30 | 3.63 |
| AA946053 | EST | – | 0.95 | 3.32 | 3.63 |
| NM_172157 | AT rich interactive domain 1B (Swi1 like) | Arid1b | 1.56 | 5.29 | 3.61 |
| XM_001075996 | ring finger protein 207 | Rnf207 | 0.93 | 3.31 | 3.60 |
| AI555088 | EST | – | 1.00 | 2.37 | 3.60 |
| NM_001107087 | organic solute transporter alpha | Ostalpha | 1.44 | 2.76 | 3.59 |
| BF399291 | EST | – | 1.50 | 3.38 | 3.59 |
| NM_170667 | Relaxin 3 | Rln3 | 1.06 | 3.19 | 3.58 |
| NM_023103 | murinoglobulin 1 | Mug1 | 1.80 | 3.00 | 3.57 |
| AW527295 | EST | – | 1.04 | 2.01 | 3.56 |
| BF401303 | EST | – | 1.90 | 4.34 | 3.56 |
| AI030318 | EST | – | 1.29 | 2.60 | 3.55 |
| NM_001102403 | seminal vesicle secretory protein 6 | Svs6 | 1.75 | 3.15 | 3.52 |
| NM_001011947 | retinoic acid induced 14 | Rai14 | 1.35 | 2.11 | 3.51 |
| BE114399 | EST | – | 0.88 | 2.94 | 3.51 |
| NM_012531 | catechol-O-methyltransferase | Comt | 0.97 | 3.86 | 3.50 |
| XM_002726882 | rCG49027-like | LOC100362836 | 1.71 | 3.52 | 3.50 |
| BF396390 | EST | – | 0.99 | 3.47 | 3.50 |
| NM_022684 | BH3 interacting domain death agonist | Bid | 1.02 | 2.80 | 3.48 |
| BF415758 | EST | – | 0.86 | 3.96 | 3.47 |
| NM_001191100 | Similar to RNA binding motif protein 24 | LOC690139 | 1.45 | 3.04 | 3.46 |
| BE098827 | EST | – | 0.87 | 3.25 | 3.46 |
| NM_031533 | UDP glycosyltransferase 2 family, polypeptide B | Ugt2b | 1.26 | 3.18 | 3.46 |
| XM_001055673 | Similar to SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c2 | LOC685179 | 1.53 | 2.29 | 3.44 |
| BI296600 | EST | – | 1.63 | 2.20 | 3.43 |
| NM_001108382 | coiled-coil domain containing 25 | Ccdc25 | 0.90 | 2.40 | 3.43 |
| AFFX-TrpnX-3 | EST | – | 1.43 | 5.29 | 3.42 |
| BF405278 | EST | – | 0.88 | 2.57 | 3.42 |
| U39571 | EST | – | 0.80 | 2.47 | 3.42 |
| BF401158 | EST | – | 0.71 | 2.19 | 3.41 |
| NM_001106207 | Myc target 1 | Myct1 | 1.09 | 2.77 | 3.41 |
| BF405941 | EST | – | 1.06 | 4.26 | 3.41 |
| NM_053953 | interleukin 1 receptor, type II | Il1r2 | 0.85 | 2.57 | 3.40 |
| XM_001069222 | Similar to KIAA1549 protein | RGD1306271 | 1.30 | 3.23 | 3.38 |
| NM_012524 | CCAAT/enhancer binding protein (C/EBP), alpha | Cebpa | 0.95 | 2.63 | 3.36 |
| BF386426 | EST | – | 0.99 | 2.50 | 3.35 |
| NM_017254 | 5-hydroxytryptamine (serotonin) receptor 2A | Htr2a | 1.13 | 3.26 | 3.34 |
| BF410005 | EST | – | 0.52 | 4.13 | 3.33 |
| NM_001106319 | Cysteinyl-tRNA synthetase | Cars | 1.15 | 4.23 | 3.31 |
| NM_017093 | v-akt murine thymoma viral oncogene homolog 2 | Akt2 | 1.07 | 2.91 | 3.30 |
| AI072237 | EST | – | 1.16 | 2.27 | 3.29 |

| | | | | | |
|---|---|---|---|---|---|
| NM_001107804 | Molybdenum cofactor synthesis 3 | Mocs3 | 1.12 | 3.19 | 3.28 |
| NM_153621 | disabled homolog 1 | Dab1 | 0.45 | 2.85 | 3.28 |
| NM_001008831 | RT1 class II, locus Ba | RT1-Ba | 1.25 | 2.26 | 3.27 |
| NM_031538 | CD8a molecule | Cd8a | 0.99 | 4.37 | 3.27 |
| AI144892 | EST | – | 1.32 | 4.44 | 3.26 |
| NM_012849 | gastrin | Gast | 1.10 | 3.30 | 3.26 |
| NR_026689 | hypothetical protein LOC686120 | LOC686120 | 1.55 | 2.75 | 3.26 |
| NM_001008297 | similar to DNA segment, Chr 14, ERATO Doi 449, expressed | RGD1305689 | 1.01 | 3.20 | 3.25 |
| NM_017267 | Translocase of inner mitochondrial membrane 44 homolog | Timm44 | 1.26 | 5.17 | 3.25 |
| BG373668 | EST | – | 1.86 | 4.09 | 3.25 |
| XR_005459 | similar to inter-alpha-inhibitor H2 chain | LOC498793 | 1.58 | 2.06 | 3.25 |
| NM_139085 | cystatin 11 | Cst11 | 1.26 | 3.27 | 3.24 |
| NM_012715 | adrenomedullin | Adm | 1.22 | 2.01 | 3.24 |
| AI555339 | EST | – | 1.48 | 2.29 | 3.23 |
| NM_001108463 | radial spokehead-like 2 | Rshl2 | 1.75 | 2.87 | 3.22 |
| AI638966 | EST | – | 0.78 | 2.71 | 3.22 |
| NM_173135 | amiloride-sensitive cation channel 3 | Accn3 | 0.91 | 2.06 | 3.21 |
| NM_001010970 | amylase, alpha 1A | Amy1a | 0.39 | 23.87 | 3.21 |
| NM_001008758 | keratin 34 | Krt34 | 1.30 | 2.57 | 3.21 |
| NM_001106506 | nephronophthisis 1 (juvenile) homolog | Nphp1 | 1.50 | 2.07 | 3.20 |
| BF404936 | EST | – | 1.03 | 2.73 | 3.20 |
| NM_001013159 | formin binding protein 4 | Fnbp4 | 1.77 | 2.27 | 3.20 |
| NM_001127652 | creatine kinase, mitochondrial 2, sarcomeric | Ckmt2 | 1.30 | 2.36 | 3.19 |
| BF288361 | EST | – | 0.93 | 2.41 | 3.19 |
| NM_021659 | synaptotagmin VII | Syt7 | 1.04 | 2.92 | 3.19 |
| AI555284 | EST | – | 1.36 | 4.89 | 3.18 |
| NM_001012355 | Sumo1/sentrin/SMT3 specific peptidase 8 | Senp8 | 0.95 | 2.42 | 3.18 |
| NM_021584 | doublecortin-like kinase 1 | Dclk1 | 1.11 | 3.98 | 3.18 |
| BF410736 | EST | – | 0.67 | 3.05 | 3.18 |
| NM_207605 | SH2 domain protein 2A | Sh2d2a | 1.19 | 2.84 | 3.17 |
| BE110921 | EST | – | 1.32 | 2.04 | 3.17 |
| BM385125 | EST | – | 0.73 | 3.06 | 3.17 |
| BG378715 | EST | – | 0.94 | 2.36 | 3.17 |
| NM_134327 | Cd69 molecule | Cd69 | 1.23 | 2.16 | 3.16 |
| AW532385 | EST | – | 0.82 | 2.97 | 3.16 |
| BI273836 | EST | – | 1.75 | 2.03 | 3.16 |
| NM_053291 | phosphoglycerate kinase 1 | Pgk1 | 0.56 | 4.09 | 3.15 |
| NM_001012181 | E74-like factor 2 | Elf2 | 1.29 | 2.19 | 3.15 |
| BF291108 | EST | – | 1.82 | 2.74 | 3.14 |
| NM_012568 | glycine receptor, alpha 2 | Glra2 | 1.84 | 2.42 | 3.14 |
| NM_022393 | C-type lectin domain family 10, member A | Clec10a | 1.39 | 3.45 | 3.13 |
| AA955985 | EST | – | 1.12 | 2.45 | 3.13 |
| NM_001108238 | ankyrin repeat domain 12 | Ankrd12 | 0.86 | 3.47 | 3.12 |
| BI292034 | EST | – | 1.43 | 2.46 | 3.12 |
| NR_002151 | RT1 class I, locus T24, gene 2 | RT1-T24-2 | 1.43 | 5.16 | 3.11 |
| XM_001069306 | zinc finger CCCH-type, antiviral 1-like | Zc3hav1l | 1.52 | 2.83 | 3.11 |
| NM_001105727 | proteasome (prosome, macropain) subunit, beta type 5 | Psmb5 | 1.00 | 3.33 | 3.11 |
| BF401649 | EST | – | 1.38 | 2.94 | 3.10 |
| BF419542 | EST | – | 1.57 | 3.79 | 3.09 |
| NM_001108880 | BARX homeobox 1 | Barx1 | 1.17 | 3.72 | 3.09 |
| NM_001009497 | killer cell lectin-like receptor, subfamily A, member 17 | Klra17 | 0.51 | 3.19 | 3.09 |

| | | | | | |
|---|---|---|---|---|---|
| BF400860 | EST | – | 1.14 | 2.48 | 3.09 |
| AI013206 | EST | – | 1.69 | 2.81 | 3.08 |
| NM_173300 | olfactory receptor 1271 | Olr1271 | 1.68 | 4.11 | 3.08 |
| NM_001010970 | amylase, alpha 1A | Amy1a | 1.20 | 8.40 | 3.08 |
| NM_013193 | neurofibromin 2 | Nf2 | 1.61 | 3.08 | 3.08 |
| AI072079 | EST | – | 1.67 | 2.34 | 3.07 |
| XM_001078877 | genetic suppressor element 1 | Gse1 | 0.95 | 2.79 | 3.07 |
| BM389874 | EST | – | 1.38 | 3.03 | 3.06 |
| NM_001134341 | ischemia related factor NYW-1 | Nyw1 | 0.77 | 2.76 | 3.06 |
| NM_024401 | advillin | Avil | 1.76 | 2.74 | 3.06 |
| NM_001009494 | killer cell lectin-like receptor, subfamily A, member 5 | Klra5 | 1.61 | 2.31 | 3.05 |
| NM_022933 | chromodomain helicase DNA binding protein 8 | Chd8 | 1.16 | 5.84 | 3.04 |
| AI169247 | EST | – | 0.95 | 2.45 | 3.04 |
| AW433964 | EST | – | 0.90 | 2.16 | 3.03 |
| NM_153621 | Disabled homolog 1 | Dab1 | 0.91 | 2.61 | 3.02 |
| BF394624 | EST | – | 0.70 | 2.04 | 3.02 |
| NM_001173434 | hemochromatosis | Hfe | 1.16 | 2.15 | 3.01 |
| AW534610 | EST | – | 0.77 | 3.07 | 3.01 |
| NM_031545 | natriuretic peptide precursor B | Nppb | 0.51 | 2.36 | 3.01 |
| BM391972 | EST | – | 1.76 | 3.92 | 3.00 |
| NM_173130 | vomeronasal 2 receptor, 27 | Vom2r27 | 1.25 | 3.70 | 3.00 |
| BF396142 | EST | – | 1.33 | 2.53 | 2.99 |
| NM_031140 | vimentin | Vim | 1.65 | 2.82 | 2.99 |
| NM_001033958 | alpha-2u globulin PGCL4 | Obp3 | 1.68 | 2.79 | 2.99 |
| NM_022253 | Csk binding protein | Cbp | 0.78 | 3.54 | 2.98 |
| NM_024160 | cytochrome b-245, alpha polypeptide | Cyba | 0.93 | 3.21 | 2.98 |
| XM_002725069 | hypothetical protein LOC100364843 | LOC100364843 | 1.11 | 3.10 | 2.97 |
| NM_053871 | signal recognition particle 54a | Srp54a | 1.48 | 2.79 | 2.96 |
| NM_001109530 | SAM pointed domain containing ets transcription factor | Spdef | 1.22 | 2.09 | 2.96 |
| AI231651 | EST | – | 0.97 | 2.31 | 2.96 |
| XM_001078167 | Similar to CG9646-PA | RGD1304694 | 1.12 | 4.83 | 2.95 |
| AA963477 | EST | – | 0.97 | 2.33 | 2.94 |
| NM_001107291 | inter-alpha trypsin inhibitor, heavy chain 1 | Itih1 | 0.88 | 3.37 | 2.94 |
| BF419668 | EST | – | 1.17 | 2.18 | 2.94 |
| XM_001061208 | similar to ribosomal protein S12 | LOC680988 | 1.58 | 2.03 | 2.94 |
| BF290383 | EST | – | 1.15 | 3.06 | 2.94 |
| NM_031141 | paired box 8 | Pax8 | 1.27 | 2.30 | 2.94 |
| NM_199107 | Glycosyltransferase-like 1B | Gyltl1b | 1.19 | 2.22 | 2.93 |
| NM_001109070 | golgi transport 1 homolog A | Golt1a | 1.60 | 2.23 | 2.93 |
| NM_139041 | mucin 13, cell surface associated | Muc13 | 1.03 | 2.36 | 2.92 |
| BF393928 | EST | – | 0.99 | 2.42 | 2.92 |
| NM_181365 | Kv channel interacting protein 4 | Kcnip4 | 1.78 | 3.43 | 2.92 |
| NM_207593 | prostatic steroid-binding protein C2 | Psbpc2 | 0.75 | 2.80 | 2.91 |
| NM_053312 | dihydrolipoamide branched chain transacylase E2 | Dbt | 0.86 | 2.14 | 2.91 |
| NM_001009624 | Spindle and kinetochore associated complex subunit 2 | Ska2 | 1.15 | 4.34 | 2.90 |
| BE101809 | EST | – | 0.94 | 2.30 | 2.89 |
| XR_007893 | similar to TICAM-1 | LOC363328 | 1.07 | 2.31 | 2.88 |
| NM_019321 | mast cell protease 4 | Mcpt4 | 1.06 | 6.31 | 2.88 |
| AI072437 | EST | – | 0.65 | 2.84 | 2.88 |
| NM_013097 | deoxyribonuclease I | Dnase1 | 1.40 | 3.95 | 2.87 |
| BF394493 | EST | – | 1.13 | 2.37 | 2.87 |
| NM_001034931 | polycystic kidney and hepatic disease 1-like 1 | Pkhd1l1 | 0.84 | 2.20 | 2.87 |

| | | | | | |
|---|---|---|---|---|---|
| NM_022235 | potassium voltage-gated channel, Isk-related subfamily, gene 3 | Kcne3 | 0.92 | 2.91 | 2.87 |
| AA859889 | EST | – | 1.93 | 3.38 | 2.86 |
| AI071526 | EST | – | 1.76 | 2.37 | 2.86 |
| NM_138504 | oxidative stress induced growth inhibitor 1 | Osgin1 | 1.13 | 3.08 | 2.85 |
| NM_001025411 | DnaJ (Hsp40) homolog, subfamily A, member 4 | Dnaja4 | 1.18 | 3.96 | 2.85 |
| AI229471 | EST | – | 1.76 | 2.08 | 2.85 |
| XR_009042 | similar to RGD, leucine-rich repeat, tropomodulin and proline-rich containing protein | RGD1562390 | 1.85 | 2.37 | 2.84 |
| AI763894 | EST | – | 1.00 | 2.13 | 2.84 |
| NM_053640 | leukotriene B4 receptor 2 | Ltb4r2 | 1.35 | 2.89 | 2.84 |
| XM_001055013 | leucine-rich repeats and immunoglobulin-like domains 3 | Lrig3 | 1.13 | 2.15 | 2.83 |
| BE108754 | EST | – | 1.10 | 3.07 | 2.83 |
| NM_001108559 | PRP3 pre-mRNA processing factor 3 homolog | Prpf3 | 1.36 | 5.13 | 2.82 |
| AI045029 | EST | – | 1.39 | 3.17 | 2.82 |
| NM_020097 | exostoses (multiple)-like 3 | Extl3 | 0.97 | 2.02 | 2.82 |
| NM_001109541 | DnaJ (Hsp40) homolog, subfamily B, member 2 | Dnajb2 | 1.03 | 5.85 | 2.81 |
| NM_053644 | cadherin 23 (otocadherin) | Cdh23 | 0.80 | 2.47 | 2.80 |
| NM_017047 | solute carrier family 10 (sodium/bile acid cotransporter family), member 1 | Slc10a1 | 0.72 | 2.42 | 2.80 |
| XR_006158 | Similar to Myeloid/lymphoid or mixed-lineage leukemia protein 3 homolog (Histone-lysine N-methyltransferase, H3 lysine-4 specific MLL3) | LOC502710 | 0.93 | 2.38 | 2.79 |
| NM_031588 | neuregulin 1 | Nrg1 | 0.82 | 2.44 | 2.79 |
| AI578317 | EST | – | 1.49 | 2.10 | 2.79 |
| BF400683 | EST | – | 0.84 | 5.55 | 2.79 |
| AI072041 | EST | – | 0.95 | 4.60 | 2.78 |
| AW921479 | EST | – | 1.73 | 2.45 | 2.77 |
| BM390376 | EST | – | 0.98 | 3.45 | 2.76 |
| BF403678 | EST | – | 1.12 | 3.00 | 2.76 |
| AW142608 | EST | – | 1.01 | 2.76 | 2.75 |
| AA957926 | EST | – | 1.02 | 3.08 | 2.74 |
| NM_001126303 | ubiquitin specific protease 43 | Usp43_predicted | 0.84 | 2.70 | 2.74 |
| NM_212459 | ADP-ribosylation factor-like 9 | Arl9 | 0.36 | 2.13 | 2.74 |
| AI045025 | EST | – | 0.68 | 2.28 | 2.74 |
| AI071595 | EST | – | 0.88 | 2.49 | 2.73 |
| BF394024 | EST | – | 1.24 | 2.80 | 2.72 |
| NM_001130551 | similar to secreted Ly6/uPAR related protein 2 | RGD1308195 | 0.85 | 2.33 | 2.72 |
| NM_017078 | cholinergic receptor, nicotinic, alpha 5 | Chrna5 | 1.18 | 2.19 | 2.72 |
| NM_053613 | reticulon 4 receptor | Rtn4r | 0.99 | 2.88 | 2.72 |
| NM_053724 | glycine receptor, alpha 3 | Glra3 | 1.15 | 2.05 | 2.71 |
| AI600230 | EST | – | 1.17 | 3.77 | 2.71 |
| BE113971 | EST | – | 0.96 | 2.44 | 2.71 |
| BF410456 | EST | – | 1.17 | 2.49 | 2.70 |
| AW530928 | EST | – | 1.02 | 4.05 | 2.70 |
| NM_001002827 | Notch homolog 4 | Notch4 | 1.10 | 4.25 | 2.70 |
| NM_001108652 | similar to hypothetical protein DKFZp761D0211 | RGD1306151 | 1.18 | 2.73 | 2.70 |
| AT005664 | EST | – | 1.03 | 2.20 | 2.69 |
| AW251681 | EST | – | 1.16 | 3.92 | 2.69 |
| NM_012511 | ATPase, Cu++ transporting, beta polypeptide | Atp7b | 1.34 | 2.84 | 2.69 |
| NM_001011892 | serine (or cysteine) peptidase inhibitor, clade F, member 2 | Serpinf2 | 1.10 | 2.20 | 2.69 |
| AI103351 | EST | – | 0.43 | 2.22 | 2.68 |
| NM_001107823 | growth factor independent 1B transcription repressor | Gfi1b | 0.95 | 2.44 | 2.68 |
| BF412962 | EST | – | 1.60 | 4.74 | 2.67 |

| | | | | | |
|---|---|---|---|---|---|
| BF400135 | EST | – | 0.70 | 2.68 | 2.67 |
| BE097058 | EST | – | 0.74 | 3.03 | 2.67 |
| XM_002725301 | TAF3 RNA polymerase II, TATA box binding protein (TBP)-associated factor | LOC100360100 | 1.52 | 3.62 | 2.67 |
| NM_019359 | Calponin 3, acidic | Cnn3 | 1.11 | 3.64 | 2.67 |
| AI232217 | EST | – | 1.04 | 2.65 | 2.67 |
| NM_012553 | chymotrypsin-like elastase family, member 2A | Cela2a | 0.67 | 2.63 | 2.67 |
| NM_001004022 | keratin 15 | Krt15 | 1.17 | 2.17 | 2.67 |
| NM_001025641 | pregnancy-specific glycoprotein 29 | Psg29 | 1.67 | 4.16 | 2.67 |
| AI385279 | EST | – | 1.32 | 2.67 | 2.66 |
| BF387484 | EST | – | 0.93 | 2.48 | 2.66 |
| BF404369 | EST | – | 0.99 | 2.13 | 2.66 |
| NM_001013065 | gametogenetin | Ggn | 1.09 | 2.70 | 2.65 |
| NM_138861 | Prolactin family 2, subfamily b, member 1 | Prl2b1 | 0.89 | 2.80 | 2.65 |
| NM_012944 | dopamine receptor D4 | Drd4 | 0.46 | 4.21 | 2.64 |
| AW917217 | EST | – | 0.95 | 4.17 | 2.64 |
| XM_001070946 | similar to class-alpha glutathione S-transferase | RGD1562107 | 1.36 | 2.26 | 2.64 |
| NM_012813 | ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 | St8sia1 | 1.02 | 3.22 | 2.64 |
| XM_002727399 | paired immunoglobin-like type 2 receptor alpha | Pilra | 1.23 | 2.06 | 2.63 |
| NM_001013098 | dehydrogenase/reductase (SDR family) member 7 | Dhrs7 | 0.57 | 2.42 | 2.63 |
| BE120674 | EST | – | 0.96 | 2.31 | 2.63 |
| NM_001017480 | homeo box B7 | Hoxb7 | 1.18 | 2.74 | 2.62 |
| NM_001030029 | COMM domain containing 7 | Commd7 | 1.00 | 2.21 | 2.62 |
| NM_019292 | carbonic anhydrase 3 | Car3 | 1.15 | 2.01 | 2.61 |
| NM_001106972 | Similar to CG4768-PA | RGD1309748 | 1.49 | 2.70 | 2.61 |
| NM_001108271 | LOC360508 | RGD1306625 | 1.72 | 2.24 | 2.61 |
| BF404505 | EST | – | 1.00 | 2.79 | 2.60 |
| BE106136 | EST | – | 0.99 | 2.19 | 2.60 |
| NM_080768 | tachykinin receptor 2 | Tacr2 | 1.42 | 2.37 | 2.60 |
| NM_022631 | wingless-type MMTV integration site family, member 5A | Wnt5a | 1.72 | 2.38 | 2.60 |
| NM_001107422 | THAP domain containing 11 | Thap11 | 1.30 | 2.19 | 2.60 |
| BI296703 | EST | – | 1.38 | 2.89 | 2.59 |
| NM_001135173 | T-kininogenase | Klk1c10 | 0.75 | 2.43 | 2.59 |
| NM_019255 | calcium channel, voltage-dependent, gamma subunit 1 | Cacng1 | 1.90 | 4.50 | 2.59 |
| AI235078 | EST | – | 1.17 | 2.16 | 2.59 |
| BF413876 | EST | – | 0.77 | 2.35 | 2.58 |
| NM_001135157 | myosin, heavy chain 2, skeletal muscle | Myh2 | 1.49 | 3.72 | 2.57 |
| XM_002727932 | F-box and WD repeat domain containing 7-like | LOC100361588 | 0.93 | 3.01 | 2.56 |
| BF403846 | EST | – | 0.95 | 2.98 | 2.56 |
| BI300244 | EST | – | 0.87 | 2.97 | 2.56 |
| AI069951 | EST | – | 1.08 | 2.06 | 2.55 |
| NM_053822 | S100 calcium binding protein A8 | S100a8 | 1.74 | 2.01 | 2.55 |
| NM_001004131 | Keratin 24 | Krt24 | 1.67 | 2.61 | 2.55 |
| NM_022239 | neuromedin U | Nmu | 0.60 | 2.89 | 2.55 |
| NM_053706 | doublesex and mab-3 related transcription factor 1 | Dmrt1 | 0.77 | 2.88 | 2.55 |
| NM_021586 | latent transforming growth factor beta binding protein 2 | Ltbp2 | 0.88 | 2.30 | 2.54 |
| XM_002725935 | solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31-like | LOC100364813 | 1.00 | 2.49 | 2.54 |
| NM_001106257 | myosin binding protein C, fast-type | Mybpc2 | 1.00 | 2.53 | 2.54 |
| AA859673 | EST | – | 0.89 | 3.20 | 2.54 |
| NM_001109556 | ovary-specific acidic protein | Osap | 1.22 | 2.11 | 2.53 |
| BF418099 | EST | – | 1.20 | 2.52 | 2.53 |

| | | | | | |
|---|---|---|---|---|---|
| BF405181 | EST | – | 1.19 | 2.09 | 2.53 |
| NM_001106196 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) | Galnt2 | 0.93 | 3.57 | 2.53 |
| NM_020081 | CD86 molecule | Cd86 | 1.23 | 2.34 | 2.53 |
| NM_022582 | lectin, galactoside-binding, soluble, 7 | Lgals7 | 1.99 | 3.22 | 2.53 |
| H33294 | EST | – | 1.11 | 2.78 | 2.53 |
| NM_001034943 | solute carrier family 22 (organic anion/urate transporter), member 12 | Slc22a12 | 1.54 | 2.78 | 2.53 |
| NM_001106067 | glycosyltransferase 25 domain containing 1 | Glt25d1 | 0.74 | 2.77 | 2.53 |
| AA893234 | EST | – | 1.10 | 2.45 | 2.52 |
| BF561222 | EST | – | 1.05 | 3.86 | 2.52 |
| AI071607 | EST | – | 1.72 | 2.12 | 2.52 |
| NM_001012047 | biotinidase | Btd | 1.68 | 2.83 | 2.52 |
| NM_001024764 | solute carrier family 36 (proton/amino acid symporter), member 3 | Slc36a3 | 1.48 | 3.57 | 2.52 |
| NM_053419 | synergin, gamma | Synrg | 1.49 | 2.38 | 2.52 |
| NM_001107033 | T-box 2 | Tbx2 | 1.64 | 2.83 | 2.52 |
| NM_001111115 | brain-enriched guanylate kinase-associated | Begain | 1.31 | 2.24 | 2.51 |
| NM_012530 | creatine kinase, muscle | Ckm | 1.31 | 2.17 | 2.51 |
| AI071958 | EST | – | 0.98 | 2.48 | 2.50 |
| AI599545 | EST | – | 1.14 | 2.34 | 2.50 |
| XM_001076431 | sin3A-binding protein, SAP25 | Sap25 | 1.33 | 2.28 | 2.50 |
| NM_145088 | mammary cancer associated protein RMT-1 | Rmt1 | 1.68 | 2.23 | 2.50 |
| NM_031632 | caspase 9, apoptosis-related cysteine peptidase | Casp9 | 1.60 | 2.24 | 2.50 |
| NM_001109912 | TSC22 domain family, member 1 | Tsc22d1 | 0.86 | 3.22 | 2.49 |
| NM_012596 | leptin receptor | Lepr | 1.46 | 2.10 | 2.49 |
| NM_138874 | casein alpha s1 | Csn1s1 | 1.33 | 2.15 | 2.49 |
| BF393838 | EST | – | 1.34 | 2.48 | 2.49 |
| NM_001006990 | cell adhesion molecule JCAM | LOC304000 | 1.21 | 2.89 | 2.49 |
| NM_012718 | androgen regulated 20 kDa protein | Andpro | 1.12 | 3.15 | 2.48 |
| NM_001106841 | Mitochondrial translation optimization 1 homolog | Mto1 | 1.90 | 2.15 | 2.48 |
| NM_138977 | prokineticin receptor 1 | Prokr1 | 1.02 | 2.51 | 2.48 |
| NM_012879 | solute carrier family 2 (facilitated glucose transporter), member 2 | Slc2a2 | 1.16 | 2.06 | 2.48 |
| BM391896 | EST | – | 0.72 | 2.13 | 2.47 |
| AA893682 | EST | – | 1.09 | 2.46 | 2.47 |
| BF401574 | EST | – | 0.82 | 3.30 | 2.47 |
| NM_001107133 | GRB10 interacting GYF protein 1 | Gigyf1 | 1.16 | 2.24 | 2.46 |
| NM_001014008 | asporin | Aspn | 1.08 | 3.61 | 2.46 |
| AI058733 | EST | – | 1.38 | 2.87 | 2.46 |
| NM_080581 | ATP-binding cassette, sub-family C (CFTR/MRP), member 3 | Abcc3 | 0.95 | 2.37 | 2.45 |
| AA943800 | EST | – | 1.14 | 2.95 | 2.44 |
| NM_138512 | cytochrome P450, family 2, subfamily c, polypeptide 22 | Cyp2c22 | 1.30 | 2.09 | 2.43 |
| NM_001191567 | Golgi integral membrane protein 4 | Golim4 | 0.81 | 2.53 | 2.42 |
| XM_001070024 | similar to Cystatin S precursor (LM protein) | LOC100365949 | 1.57 | 3.95 | 2.42 |
| NM_001108396 | ARP8 actin-related protein 8 homolog | Actr8 | 0.85 | 2.68 | 2.42 |
| NM_001191609 | laminin, alpha 5 | Lama5 | 0.94 | 2.09 | 2.42 |
| NM_017288 | sodium channel, voltage-gated, type I, beta | Scn1b | 0.89 | 2.08 | 2.42 |
| BF404398 | EST | – | 1.59 | 2.05 | 2.42 |
| BF390565 | EST | – | 1.15 | 2.30 | 2.42 |
| AA894070 | EST | – | 0.69 | 2.40 | 2.42 |
| AA955079 | EST | – | 1.60 | 2.42 | 2.41 |
| BE106256 | EST | – | 0.92 | 2.71 | 2.41 |
| AA875586 | EST | – | 1.02 | 2.28 | 2.41 |

| | | | | | |
|---|---|---|---|---|---|
| NM_001108137 | membrane frizzled-related protein | Mfrp | 1.15 | 2.60 | 2.41 |
| NM_001025065 | angiopoietin-like 3 | Angptl3 | 0.98 | 3.08 | 2.41 |
| NM_001013904 | cytochrome P450, family 2, subfamily c, polypeptide 6 | Cyp2c6 | 1.67 | 3.07 | 2.40 |
| BF401148 | EST | – | 1.38 | 3.28 | 2.40 |
| AA964652 | EST | – | 0.95 | 5.15 | 2.40 |
| AI008432 | EST | – | 0.87 | 2.21 | 2.40 |
| BF401468 | EST | – | 0.94 | 2.13 | 2.40 |
| AA892778 | EST | – | 0.48 | 2.50 | 2.40 |
| NM_053394 | Kruppel-like factor 5 | Klf5 | 1.60 | 2.46 | 2.39 |
| BF283420 | EST | – | 0.90 | 2.21 | 2.39 |
| BE119143 | EST | – | 1.02 | 4.14 | 2.39 |
| BI296715 | EST | – | 1.68 | 2.08 | 2.39 |
| NM_176074 | complement component 6 | C6 | 1.46 | 2.24 | 2.39 |
| NM_001137645 | FYVE, RhoGEF and PH domain containing 6 | Fgd6 | 1.19 | 2.30 | 2.38 |
| AI113302 | EST | – | 1.17 | 2.31 | 2.38 |
| AI103536 | EST | – | 0.37 | 2.09 | 2.37 |
| BF393042 | EST | – | 1.37 | 2.72 | 2.37 |
| NM_023969 | lysophosphatidic acid receptor 3 | Lpar3 | 1.45 | 4.37 | 2.37 |
| NM_001105776 | forkhead box I1 | Foxi1 | 1.09 | 2.05 | 2.37 |
| NM_030873 | profilin 2 | Pfn2 | 1.02 | 2.79 | 2.37 |
| NM_022592 | transketolase | Tkt | 1.25 | 2.85 | 2.36 |
| NM_024395 | 5-hydroxytryptamine (serotonin) receptor 5B | Htr5b | 1.75 | 2.13 | 2.36 |
| NM_001024273 | cytidine monophosphate-N-acetylneuraminic acid hydroxylase | Cmah | 1.17 | 2.40 | 2.36 |
| NM_017254 | 5-hydroxytryptamine (serotonin) receptor 2A | Htr2a | 1.14 | 2.13 | 2.36 |
| BF416353 | EST | – | 1.02 | 3.27 | 2.35 |
| NM_144751 | resection-induced TPI (rs11) | LOC246267 | 1.12 | 2.27 | 2.35 |
| XM_001069443 | forkhead box E3 | Foxe3 | 0.84 | 2.38 | 2.35 |
| NM_031982 | transient receptor potential cation channel, subfamily V, member 1 | Trpv1 | 1.22 | 2.56 | 2.35 |
| BE111113 | EST | – | 1.03 | 2.09 | 2.34 |
| NM_019241 | gap junction protein, beta 5 | Gjb5 | 1.29 | 3.71 | 2.34 |
| NM_012790 | dentin sialophosphoprotein | Dspp | 1.42 | 2.03 | 2.33 |
| AI008973 | EST | – | 1.39 | 2.31 | 2.33 |
| NM_001109474 | EST | – | 1.26 | 3.86 | 2.32 |
| BG376806 | EST | – | 1.15 | 2.76 | 2.32 |
| XM_001077495 | Nuclear receptor co-repressor 1 | Ncor1 | 0.69 | 2.28 | 2.32 |
| NM_023971 | dystrophin related protein 2 | Drp2 | 1.04 | 2.80 | 2.32 |
| BI291303 | EST | – | 1.36 | 3.24 | 2.31 |
| XM_001079649 | Similar to KIAA2026 protein | RGD1311595 | 1.05 | 2.38 | 2.31 |
| NM_022384 | Achaete-scute complex homolog 1 | Ascl1 | 1.51 | 2.53 | 2.31 |
| NM_031705 | dihydropyrimidinase | Dpys | 0.89 | 2.03 | 2.31 |
| NM_080580 | RAB3D, member RAS oncogene family | Rab3d | 0.95 | 3.17 | 2.31 |
| NM_053502 | ATP-binding cassette, sub-family G (WHITE), member 1 | Abcg1 | 1.27 | 2.58 | 2.31 |
| AW531919 | EST | – | 1.13 | 3.67 | 2.31 |
| NM_017306 | dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase) | Dci | 1.01 | 2.92 | 2.30 |
| NM_001013064 | F-box protein 17 | Fbxo17 | 0.52 | 2.47 | 2.30 |
| BF400669 | EST | – | 1.11 | 2.02 | 2.30 |
| NM_031028 | gamma-aminobutyric acid (GABA) B receptor 1 | Gabbr1 | 1.02 | 2.08 | 2.30 |
| NM_031538 | CD8a molecule | Cd8a | 1.48 | 2.04 | 2.29 |
| BF388435 | EST | – | 1.84 | 3.28 | 2.29 |
| NM_001106670 | complement component 8, alpha polypeptide | C8a | 1.14 | 2.07 | 2.28 |
| NM_001106711 | Centromere protein A | Cenpa | 1.80 | 3.41 | 2.28 |

| | | | | | |
|---|---|---|---|---|---|
| BF398910 | EST | – | 0.98 | 2.36 | 2.28 |
| NM_138918 | synovial sarcoma translocation gene on chromosome 18-like 1 | Ss18l1 | 1.30 | 3.80 | 2.27 |
| NM_012877 | sodium channel, voltage-gated, type II, beta | Scn2b | 1.02 | 3.32 | 2.27 |
| NM_001130510 | DnaJ (Hsp40) homolog, subfamily B, member 7 | Dnajb7 | 1.40 | 4.09 | 2.27 |
| NM_022859 | cysteine-rich secretory protein 1 | Crisp1 | 1.19 | 2.36 | 2.26 |
| BF561222 | EST | – | 1.06 | 3.56 | 2.25 |
| AA964735 | EST | – | 1.52 | 2.05 | 2.25 |
| NM_001012209 | ribonuclease, RNase A family, 12 (non-active) | Rnase12 | 1.02 | 2.40 | 2.25 |
| AI172180 | EST | – | 0.70 | 2.02 | 2.25 |
| AW530665 | EST | – | 1.85 | 3.41 | 2.24 |
| BF418127 | EST | – | 0.87 | 3.95 | 2.24 |
| NM_032070 | high mobility group AT-hook 2 | Hmga2 | 0.89 | 2.42 | 2.24 |
| NM_001134595 | solute carrier family 26, member 10 | Slc26a10 | 0.88 | 2.10 | 2.24 |
| NM_001110345 | ubiquitin-conjugating enzyme E2 variant 1 | Ube2v1 | 0.93 | 3.16 | 2.24 |
| NM_001107480 | striatin, calmodulin binding protein 4 | Strn4 | 1.74 | 4.79 | 2.23 |
| NM_001015025 | serine/threonine kinase 38 | Stk38 | 0.86 | 2.45 | 2.23 |
| NM_001191665 | Rab interacting lysosomal protein-like 1 | Rilpl1 | 1.21 | 2.52 | 2.23 |
| NM_001106103 | osteoglycin | Ogn | 0.97 | 3.88 | 2.23 |
| XM_001060972 | similar to RIKEN cDNA 1500015O10 | RGD1305645 | 1.22 | 2.01 | 2.23 |
| BF412617 | EST | – | 0.85 | 2.23 | 2.22 |
| NM_031558 | steroidogenic acute regulatory protein | Star | 1.70 | 2.07 | 2.22 |
| BF288144 | EST | – | 1.09 | 2.42 | 2.22 |
| BF553125 | EST | – | 0.74 | 2.57 | 2.22 |
| NM_001134792 | similar to complement factor H-related protein | RGD1564614 | 1.42 | 2.33 | 2.22 |
| NM_001159493 | glutamyl-tRNA synthetase 2 mitochondrial (putative) | Ears2 | 0.87 | 2.03 | 2.22 |
| NM_001014178 | family with sequence similarity 69, member B | Fam69b | 1.45 | 3.70 | 2.22 |
| AW920931 | EST | – | 1.78 | 2.57 | 2.22 |
| NM_019302 | v-crk sarcoma virus CT10 oncogene homolog | Crk | 1.13 | 2.71 | 2.21 |
| AI103612 | EST | – | 1.68 | 2.32 | 2.21 |
| XM_002730008 | translocating chain-associating membrane protein 2 | LOC100361830 | 1.56 | 2.36 | 2.20 |
| BF411180 | EST | – | 1.18 | 2.22 | 2.20 |
| AA943548 | EST | – | 1.01 | 2.10 | 2.20 |
| AI548331 | EST | – | 1.26 | 2.87 | 2.20 |
| NM_024349 | adenylate kinase 1 | Ak1 | 0.79 | 2.01 | 2.19 |
| AI548652 | EST | – | 0.93 | 2.06 | 2.19 |
| NM_013028 | Short stature homeobox 2 | Shox2 | 1.99 | 3.78 | 2.19 |
| NM_001106286 | lymphatic vessel endothelial hyaluronan receptor 1 | Lyve1 | 0.98 | 2.15 | 2.19 |
| NM_001107250 | Zinc finger protein 503 | Znf503 | 0.87 | 2.02 | 2.18 |
| NM_001008759 | keratin complex 1, acidic, gene 5 | Krt1-5 | 1.16 | 3.78 | 2.18 |
| NM_001170466 | mast cell peptidase 3 | Mcpt3 | 1.01 | 2.23 | 2.18 |
| NM_031828 | potassium large conductance calcium-activated channel, subfamily M, alpha member 1 | Kcnma1 | 1.03 | 2.29 | 2.18 |
| NM_021670 | bone morphogenetic protein 15 | Bmp15 | 0.98 | 4.16 | 2.17 |
| NM_001106595 | SET and MYND domain containing 1 | Smyd1 | 1.00 | 2.16 | 2.17 |
| AI556345 | EST | – | 1.09 | 2.18 | 2.17 |
| NM_031017 | cAMP responsive element binding protein 1 | Creb1 | 1.21 | 2.01 | 2.17 |
| AW251649 | EST | – | 0.73 | 2.26 | 2.16 |
| NM_001107780 | hydroxyacid oxidase (glycolate oxidase) 1 | Hao1 | 1.93 | 2.54 | 2.16 |
| NM_001034108 | membrane-associated ring finger (C3HC4) 2 | March2 | 0.89 | 2.37 | 2.16 |
| BF417885 | EST | – | 1.15 | 3.35 | 2.16 |
| AI137962 | EST | – | 1.63 | 2.87 | 2.16 |
| AA860039 | EST | – | 1.51 | 2.34 | 2.15 |
| NM_001107037 | eosinophil peroxidase | Epx | 0.85 | 2.01 | 2.15 |

| | | | | | |
|---|---|---|---|---|---|
| NM_001108251 | ubiquilin 2 | Ubqln2 | 0.89 | 2.32 | 2.15 |
| NM_001107665 | Ubiquitin specific protease 13 (isopeptidase T-3) | Usp13 | 1.36 | 2.14 | 2.15 |
| XM_001062926 | aldehyde dehydrogenase 5 family, member A1 | Aldh5a1 | 1.28 | 2.38 | 2.14 |
| BG374972 | EST | – | 1.07 | 3.54 | 2.14 |
| NM_001191609 | laminin, alpha 5 | Lama5 | 1.69 | 2.65 | 2.14 |
| NM_001013998 | phosphodiesterase 12 | Pde12 | 1.41 | 2.05 | 2.14 |
| BF416590 | EST | – | 1.11 | 2.15 | 2.14 |
| NM_001011896 | ATP-binding cassette, sub-family F (GCN20), member 3 | Abcf3 | 1.22 | 2.42 | 2.14 |
| AI145781 | EST | – | 1.03 | 2.28 | 2.13 |
| BI299857 | EST | – | 1.55 | 2.62 | 2.13 |
| XM_001053529 | similar to CG18437-PA | LOC316460 | 0.76 | 3.95 | 2.13 |
| NM_022643 | histone cluster 1, H2ba | Hist1h2ba | 1.52 | 3.41 | 2.12 |
| BF390528 | EST | – | 1.14 | 2.27 | 2.12 |
| AI011063 | EST | – | 0.82 | 2.33 | 2.12 |
| NM_139262 | cathepsin Q | Ctsq | 1.46 | 6.03 | 2.12 |
| BF394144 | EST | – | 1.08 | 2.86 | 2.12 |
| NM_001106883 | apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 | Apobec2 | 1.19 | 2.07 | 2.12 |
| BF387379 | EST | – | 0.73 | 2.99 | 2.11 |
| NM_001195599 | RGD1559980 | RGD1559980 | 1.03 | 6.53 | 2.11 |
| NM_001107611 | RNA binding motif protein 20 | Rbm20 | 1.95 | 2.17 | 2.10 |
| NM_053810 | synaptosomal-associated protein 29 | Snap29 | 1.50 | 2.94 | 2.10 |
| BF407971 | EST | – | 1.66 | 2.90 | 2.09 |
| NM_030988 | thyroglobulin | Tg | 1.47 | 2.57 | 2.08 |
| BM385963 | EST | – | 1.65 | 2.20 | 2.08 |
| AW530922 | EST | – | 0.90 | 3.67 | 2.08 |
| NM_138529 | neuron navigator 2 | Nav2 | 1.32 | 3.12 | 2.08 |
| XM_001060344 | consortin, connexin sorting protein | Cnst | 1.15 | 2.36 | 2.08 |
| AI639197 | EST | – | 1.39 | 3.27 | 2.08 |
| NM_001106899 | pleckstrin homology domain containing, family B (evectins) member 2 | Plekhb2 | 1.73 | 2.46 | 2.07 |
| NM_017269 | protein tyrosine phosphatase, receptor type, J | Ptprj | 1.01 | 2.34 | 2.07 |
| BF394459 | EST | – | 1.84 | 3.07 | 2.07 |
| AW252555 | EST | – | 0.98 | 2.60 | 2.07 |
| AI412432 | EST | – | 1.05 | 2.14 | 2.07 |
| NM_001145840 | glucosidase, alpha; neutral C | Ganc | 0.89 | 2.23 | 2.06 |
| XM_001056520 | Similar to cullin 7 | LOC680835 | 1.09 | 2.09 | 2.06 |
| AI600226 | EST | – | 0.87 | 2.49 | 2.06 |
| BG376813 | EST | – | 1.28 | 2.34 | 2.05 |
| AW920132 | EST | – | 0.92 | 2.22 | 2.05 |
| NM_021598 | mast cell protease 8 | Mcpt8 | 0.99 | 5.41 | 2.05 |
| BF394645 | EST | – | 0.96 | 2.74 | 2.05 |
| XM_238267 | RGD1560210 | RGD1560210 | 0.96 | 2.31 | 2.05 |
| NM_001122658 | family with sequence similarity 178, member B | Fam178b | 1.04 | 2.50 | 2.04 |
| NM_001077645 | protein kinase, cAMP dependent, catalytic, beta | Prkacb | 1.08 | 2.94 | 2.04 |
| BE112342 | EST | – | 0.74 | 2.67 | 2.04 |
| NM_001024263 | protein kinase D3 | Prkd3 | 1.20 | 2.02 | 2.04 |
| NM_001008854 | RT1 class Ib, locus N1 | RT1-N1 | 0.93 | 2.33 | 2.03 |
| NM_001109006 | solute carrier family 23 (nucleobase transporters), member 3 | Slc23a3 | 1.14 | 2.73 | 2.03 |
| XM_002726189 | Sp3 transcription factor | Sp3 | 1.38 | 2.34 | 2.03 |
| NM_134378 | sulfatase 1 | Sulf1 | 1.15 | 2.69 | 2.03 |
| NM_001106664 | tyrosinase-related protein 1 | Tyrp1 | 1.14 | 2.02 | 2.03 |
| BE112754 | EST | – | 1.09 | 2.86 | 2.03 |

| | | | | | |
|---|---|---|---|---|---|
| NM_031343 | solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2 | Slc6a2 | 1.84 | 2.39 | 2.03 |
| NM_022218 | chemokine-like receptor 1 | Cmklr1 | 0.90 | 2.46 | 2.03 |
| BE119364 | EST | – | 1.08 | 2.17 | 2.02 |
| NM_001107711 | Moloney leukemia virus 10 | Mov10 | 1.42 | 2.47 | 2.02 |
| AI176826 | EST | – | 0.90 | 2.18 | 2.02 |
| NM_001107965 | UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 2 | B4galt2 | 1.05 | 3.05 | 2.02 |
| NM_001109591 | junctional sarcoplasmic reticulum protein 1 | Jsrp1 | 0.94 | 2.88 | 2.02 |
| XM_001066061 | late cornified envelope 1D | Lce1d | 1.36 | 3.96 | 2.02 |
| NM_001109422 | B-cell CLL/lymphoma 3 | Bcl3 | 1.01 | 2.30 | 2.01 |
| BF411772 | EST | – | 0.79 | 2.23 | 2.00 |
| NM_173098 | solute carrier family 9 (sodium/hydrogen exchanger), member 4 | Slc9a4 | 1.37 | 2.17 | 2.00 |
| NM_030860 | myocyte enhancer factor 2D | Mef2d | 0.98 | 3.16 | 2.00 |

Abbreviations: DBDE, decabromodiphenyl ether; EST, expressed sequence tag.