

Table S2. A list of genes that were differentially expressed only at 3-week time point

| Probe ID | Gene symbol | Gene full name | Log2 (fold change) | p Value |
|--------------------------|-------------|--|--------------------|---------|
| Upregulated genes | | | | |
| 1371193_at | Tnfaip6 | tumor necrosis factor alpha induced protein 6 | 2.91 | 0.02394 |
| 1379200_at | RGD1563278 | DAZ interacting zinc finger protein 3 | 2.49 | 0.00296 |
| 1369692_at | Tnr | tenascin R | 2.08 | 0.01208 |
| 1374730_at | Tyrobp | tyro protein tyrosine kinase binding protein | 2.07 | 0.03243 |
| 1369756_a_at | Slc4a5 | solute carrier family 4, sodium bicarbonate cotransporter, member 5 | 1.99 | 0.04417 |
| 1371250_at | Pf4 | platelet factor 4 | 1.92 | 0.00927 |
| 1376823_at | Fndc3a | fibronectin type III domain containing 3a | 1.91 | 0.04421 |
| 1370946_at | Nfix | nuclear factor I/X (CCAAT-binding transcription factor) | 1.89 | 0.04099 |
| 1379397_at | Rora | RAR-related orphan receptor A | 1.88 | 0.00928 |
| 1367934_at | Rpl39 | ribosomal protein L39 | 1.76 | 0.02017 |
| 1388185_at | LOC683869 | similar to Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein) (PRB1) (P107) | 1.71 | 0.04993 |
| 1385168_at | RGD1306520 | similar to receptor-interacting factor 1 | 1.53 | 0.04513 |
| 1385751_at | Thbs2 | thrombospondin 2 | 1.48 | 0.01937 |
| 1372404_at | Rac2 | ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2) | 1.46 | 0.00753 |
| 1386869_at | LOC360902 | similar to actin, gamma 2, smooth muscle, enteric | 1.45 | 0.01126 |
| 1394125_at | RGD1563410 | similar to put. type 5 nonmuscle actin | 1.45 | 0.01126 |
| 1371447_at | Plac8 | placenta-specific 8 | 1.45 | 0.02442 |
| 1383911_at | Kdm4c | lysine (K)-specific demethylase 4C | 1.44 | 0.02333 |
| 1371106_at | Itgb8 | integrin, beta 8 | 1.43 | 0.02808 |
| 1390938_at | Arhgap30 | rho GTPase activating protein 30 | 1.42 | 0.00963 |
| 1373884_at | Kihl2 | kelch-like 2, Mayven (Drosophila) | 1.41 | 0.03500 |
| 1373504_at | LOC679819 | GL1 pathogenesis-related 2 | 1.41 | 0.02410 |
| 1368482_at | Bcl2a1d | b-cell leukemia/lymphoma 2 related protein A1d | 1.36 | 0.04885 |
| 1371015_at | Mx1 | myxovirus (influenza virus) resistance 1 | 1.36 | 0.00048 |
| 1383410_at | Srp54a | signal recognition particle 54a | 1.34 | 0.01999 |
| 1384320_at | Bai3 | brain-specific angiogenesis inhibitor 3 | 1.31 | 0.04855 |
| 1370767_at | Cox6c1 | cytochrome c oxidase subunit VIc-1 | 1.31 | 0.00696 |
| 1390782_at | Clec14a | C-type lectin domain family 14, member a | 1.31 | 0.04408 |
| 1393863_at | Cd180 | cd180 molecule | 1.30 | 0.01662 |
| 1373195_at | Fus | fusion (involved in t(12;16) in malignant liposarcoma) (human) | 1.28 | 0.01418 |
| 1374734_at | LOC680254 | hypothetical protein LOC680254 | 1.23 | 0.03038 |
| 1388484_at | Ube2c | ubiquitin-conjugating enzyme E2C | 1.21 | 0.02231 |
| 1390510_at | Ms4a6b | membrane-spanning 4-domains, subfamily A, member 6B | 1.18 | 0.02870 |
| 1391754_at | Oas1i | 2' -5' oligoadenylate synthetase II | 1.17 | 0.03340 |
| 1371859_at | Poldip3 | polymerase (DNA-directed), delta interacting protein 3 | 1.16 | 0.00218 |
| 1381757_at | RGD1309501 | hypothetical LOC305552 | 1.15 | 0.03231 |
| 1368418_a_at | Cp | ceruloplasmin | 1.15 | 0.00244 |
| 1381758_at | RGD1565672 | similar to MDM2 Binding protein | 1.12 | 0.01732 |
| 1377642_at | Cav2 | caveolin 2 | 1.12 | 0.04826 |
| 1396803_at | Thoc2 | THO complex 2 | 1.09 | 0.03370 |
| 1396239_at | RGD1566036 | similar to RIKEN cDNA 2310008H04 | 1.09 | 0.01726 |
| 1385434_at | Ptger2 | prostaglandin E receptor 2 (subtype EP2) | 1.08 | 0.00560 |
| 1386913_at | Pdpr | podoplanin | 1.07 | 0.01952 |
| 1394144_at | Tubb6 | tubulin, beta 6 | 1.06 | 0.00314 |
| 1387995_a_at | Ifitm3 | interferon induced transmembrane protein 3 | 1.06 | 0.00281 |
| 1372703_at | LOC689226 | similar to ubiquitin-conjugating enzyme E2R 2 | 1.05 | 0.01019 |
| 1383747_at | Ect2 | epithelial cell transforming sequence 2 oncogene | 1.05 | 0.03814 |
| 1382913_at | Cttnbp2 | cortactin binding protein 2 | 1.04 | 0.00510 |
| 1379287_at | RGD1565766 | hypothetical gene supported by BC088468; NM_001009712 | 1.04 | 0.04919 |
| 1373025_at | Clqc | complement component 1, q subcomponent, C chain | 1.03 | 0.00114 |
| 1398279_at | Ttpv5 | transient receptor potential cation channel, subfamily V, member 5 | 1.02 | 0.00499 |
| 1396918_at | LOC362852 | similar to ubiquitin conjugating enzyme E2 | 1.00 | 0.00543 |
| 1378914_a_at | LOC308990 | hypothetical protein LOC308990 | 1.00 | 0.01307 |
| 1370977_at | Dpfl | D4, zinc and double PHD fingers family 1 | 0.99 | 0.01834 |
| 1371016_at | LOC290071 | similar to RIKEN cDNA A430107P09 gene-like /// similar to RIKEN cDNA A430107P09 gene | 0.99 | 0.00683 |
| 1394678_at | Fgd2 | FYVE, RhoGEF and PH domain containing 2 | 0.98 | 0.04659 |
| 1373490_at | Gmfg | glia maturation factor, gamma | 0.96 | 0.03901 |
| 1388906_at | RGD1564930 | predicted similar to novel protein similar to Tensin Tns (predicted) | 0.95 | 0.04029 |
| 1373401_at | Tnc | tenascin C | 0.94 | 0.01809 |
| 1393110_at | Mpv17l | MPV17 mitochondrial membrane protein-like | 0.93 | 0.01710 |
| 1394744_at | Eef1g | Eukaryotic translation elongation factor 1 gamma | 0.93 | 0.00067 |
| 1378338_at | RGD1561004 | alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1 | 0.93 | 0.03967 |
| 1383863_at | Lmo2 | LIM domain only 2 | 0.92 | 0.02360 |
| 1383320_at | Lck | lymphocyte-specific protein tyrosine kinase | 0.92 | 0.01487 |
| 1381533_at | Rnd1 | rho family GTPase 1 | 0.91 | 0.04627 |
| 1368186_a_at | Syk | spleen tyrosine kinase | 0.91 | 0.01985 |
| 1371660_at | LOC682099 | similar to Juxtaposed with another zinc finger protein 1 | 0.91 | 0.00208 |
| 1371162_at | Mrga10 | MAS-related GPR, member A10 | 0.90 | 0.01465 |
| 1375718_at | LOC498525 | bm403207 | 0.89 | 0.00824 |
| 1376704_a_at | Ndnl2 | necdin-like 2 | 0.89 | 0.02869 |
| 1383616_at | Il10rb | interleukin 10 receptor, beta | 0.89 | 0.00712 |
| 1385724_at | LOC680752 | coiled-coil domain containing 74A | 0.89 | 0.04562 |
| 1392703_at | Tbx4 | T-box 4 | 0.88 | 0.04633 |
| 1372725_at | LOC315883 | phospholipid scramblase 2 | 0.87 | 0.03304 |
| 1372827_at | RGD1560149 | peptidylprolyl isomerase D-like 1 | 0.87 | 0.01169 |
| 1372641_at | Alpk3 | alpha-kinase 3 | 0.86 | 0.03662 |
| 1372809_at | LOC290595 | hypothetical gene supported by AF152002 | 0.86 | 0.00726 |
| 1376974_at | Ttc7 | tetratricopeptide repeat domain 7 | 0.85 | 0.00438 |

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|--------------|-------------|---|--------------------|---------|
| 1375847_at | Nudt16 | nudix (nucleoside diphosphate linked moiety X)-type motif 16 | 0.85 | 0.03311 |
| 1377080_at | Nradd | neurotrophin receptor associated death domain | 0.84 | 0.03976 |
| 1376447_at | RGD1565772 | similar to hypothetical protein A430110N23 | 0.84 | 0.01177 |
| 1383925_at | LOC298643 | migration and invasion inhibitory protein | 0.84 | 0.00212 |
| 1390641_at | Zfp346 | zinc finger protein 346 | 0.83 | 0.01757 |
| 1385627_at | LOC686871 | similar to B-cell leukemia/lymphoma 3 | 0.81 | 0.02848 |
| 1385627_at | LOC680611 | bcl3 B-cell CLL/lymphoma 3 | 0.81 | 0.02848 |
| 1367574_at | Vim | vimentin | 0.81 | 0.03826 |
| 1379315_at | Rassf7 | ras association (RalGDS/AF-6) domain family (N-terminal) member 7 | 0.81 | 0.00943 |
| 1393510_at | Golsyn | golgi-localized protein | 0.81 | 0.00159 |
| 1399104_at | Crebbp | CREB binding protein | 0.81 | 0.01083 |
| 1383647_a_at | Crb3 | crumbs homolog 3 (Drosophila) | 0.80 | 0.04472 |
| 1392662_at | Cisd2 | CDGSH iron sulfur domain 2 | 0.80 | 0.04512 |
| 1396478_at | Tmem164 | transmembrane protein 164 | 0.79 | 0.04547 |
| 1371777_at | Pabpc4 | poly(A) binding protein, cytoplasmic 4 | 0.79 | 0.00736 |
| 1375741_at | Ccdc88b | coiled-coil domain containing 88B | 0.79 | 0.00635 |
| 1384528_at | Rai14 | retinoic acid induced 14 | 0.79 | 0.02043 |
| 1367844_at | Gnai2 | guanine nucleotide binding protein (G protein), alpha inhibiting 2 | 0.79 | 0.03517 |
| 1372672_at | Qprt | quinolinate phosphoribosyltransferase | 0.78 | 0.00045 |
| 1392466_at | Tmem135 | transmembrane protein 135 | 0.77 | 0.03609 |
| 1393460_at | Lrrc33 | leucine rich repeat containing 33 | 0.77 | 0.03432 |
| 1377848_at | Ccdc98 | coiled-coil domain containing 98 | 0.76 | 0.03590 |
| 1370913_at | Rsad2 | radical S-adenosyl methionine domain containing 2 | 0.76 | 0.01576 |
| 1380262_at | Sgk2 | serum/glucocorticoid regulated kinase 2 | 0.76 | 0.04691 |
| 1368429_at | Taf9b | TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor | 0.75 | 0.03417 |
| 1369841_at | Hspa2 | heat shock protein alpha 2 | 0.75 | 0.01776 |
| 1395404_at | Fn3krp | fructosamine-3-kinase-related protein | 0.75 | 0.04185 |
| 1371074_a_at | Mcm6 | minichromosome maintenance complex component 6 | 0.74 | 0.04006 |
| 1375633_at | Clic1 | chloride intracellular channel 1 | 0.73 | 0.03463 |
| 1398250_at | Acot1 | acyl-CoA thioesterase 1 | 0.73 | 0.04288 |
| 1374204_at | Wsb1 | WD repeat and SOCS box-containing 1 | 0.73 | 0.04142 |
| 1382315_at | Tsc22d4 | TSC22 domain family, member 4 | 0.73 | 0.00227 |
| 1370892_at | C4b | complement component 4, gene 2 // complement component 4B (Chido blood group) | 0.72 | 0.04977 |
| 1389686_at | Prkx | protein kinase, X-linked | 0.72 | 0.00888 |
| 1389828_at | Cebpd | CCAAT/enhancer binding protein (C/EBP), delta | 0.72 | 0.01852 |
| 1374540_at | Cdca7 | cell division cycle associated 7 | 0.72 | 0.00494 |
| 1379853_at | Hspb11 | heat shock protein family B (small), member 11 | 0.71 | 0.00684 |
| 1389364_at | Ndfip2 | Ned44 family interacting protein 2 | 0.71 | 0.04793 |
| 1371550_at | LOC686226 | similar to TSC22 domain family protein 4 (TSC22-related-inducible leucine zipper protein 2) | 0.71 | 0.03512 |
| 1368308_at | Myc | myelocytomatosis oncogene | 0.70 | 0.02386 |
| 1389271_at | LOC679921 | vasorin | 0.70 | 0.01754 |
| 1369161_at | Abcb4 | ATP-binding cassette, sub-family B (MDR/TAP), member 4 | 0.70 | 0.00562 |
| 1382364_at | RGD1310427 | similar to KIAA0090 protein | 0.70 | 0.00050 |
| 1390088_at | Nog | noggin | 0.70 | 0.04369 |
| 1379914_at | Klf11 | kruppel-like factor 11 | 0.70 | 0.02425 |
| 1367549_a_at | Ap3d1 | adaptor-related protein complex 3, delta 1 subunit | 0.70 | 0.00450 |
| 1383940_at | Nuf2 | NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae) | 0.69 | 0.03343 |
| 1385430_at | Lims1 | LIM and senescent cell antigen-like domains 1 | 0.68 | 0.04999 |
| 1374401_at | Snx2 | sorting nexin 2 | 0.67 | 0.01603 |
| 1378353_at | Setdb1 | SET domain, bifurcated 1 | 0.67 | 0.00473 |
| 1390287_at | Bin2 | bridging integrator 2 | 0.67 | 0.01688 |
| 1384714_x_at | RGD1561333 | similar to 60S ribosomal protein L8 // ribosomal protein L8 | 0.67 | 0.04153 |
| 1367800_at | Plat | plasminogen activator, tissue | 0.66 | 0.00192 |
| 1368970_at | Cdh23 | cadherin 23 (otocadherin) | 0.66 | 0.00395 |
| 1378127_at | Cul2 | cullin 2 | 0.66 | 0.01152 |
| 1371411_at | Plxn2 | plexin B2 | 0.66 | 0.03683 |
| 1371758_at | Ufc1 | ubiquitin-fold modifier conjugating enzyme 1 | 0.66 | 0.04901 |
| 1384099_at | Slc39a6 | solute carrier family 39 (zinc transporter), member 6 | 0.66 | 0.01167 |
| 1393724_at | LOC362056 | spermatogenesis associated 1 | 0.66 | 0.00142 |
| 1372640_at | Pi16 | peptidase inhibitor 16 | 0.66 | 0.01815 |
| 1388755_at | Sec23a | sec23 homolog A (S. cerevisiae) | 0.65 | 0.04085 |
| 1368259_at | Ptgs1 | prostaglandin-endoperoxide synthase 1 | 0.65 | 0.02145 |
| 1370857_at | Acta2 | smooth muscle alpha-actin | 0.65 | 0.03860 |
| 1372548_at | Cry2 | cryptochrome 2 (photolyase-like) | 0.65 | 0.00061 |
| 1373623_at | Itpkc | inositol 1,4,5-trisphosphate 3-kinase C | 0.65 | 0.02807 |
| 1372254_at | Serping1 | serine (or cysteine) peptidase inhibitor, clade G, member 1 | 0.65 | 0.03990 |
| 1374055_at | Erf | ets2 repressor factor | 0.65 | 0.02556 |
| 1375436_at | Naprt1 | nicotinate phosphoribosyltransferase domain containing 1 | 0.64 | 0.00192 |
| 1379458_at | Kihl14 | kelch-like 14 (Drosophila) | 0.64 | 0.03486 |
| 1367871_at | Cyp2e1 | cytochrome P450, family 2, subfamily e, polypeptide 1 | 0.64 | 0.01934 |
| 1385333_at | LOC688299 | similar to apoptosis-associated tyrosine kinase | 0.64 | 0.01980 |
| 1385333_at | LOC690853 | apoptosis-associated tyrosine kinase | 0.64 | 0.01980 |
| 1373625_at | Shmt1 | serine hydroxymethyltransferase 1 (soluble) | 0.64 | 0.01600 |
| 1388496_at | Flnc | filamin C, gamma | 0.64 | 0.02826 |
| 1395311_at | Icmt | isoprenylcysteine carboxyl methyltransferase | 0.64 | 0.01974 |
| 1368148_at | Ngfr | nerve growth factor receptor (TNFR superfamily, member 16) | 0.62 | 0.01037 |
| 1367832_at | Lyp1a1 | lysophospholipase 1 | 0.62 | 0.04981 |
| 1369511_at | Ednra | endothelin receptor type A | 0.61 | 0.02946 |
| 1382104_at | Wdr33 | WD repeat domain 33 | 0.61 | 0.00060 |
| 1390933_a_at | Rg9mtd3 | RNA (guanine-9-) methyltransferase domain containing 3 | 0.61 | 0.00022 |
| 1371499_at | Cd9 | cd9 molecule | 0.61 | 0.00179 |

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|----------------------------|-------------|---|--------------------|---------|
| 1374537_at | Chsy1 | chondroitin sulfate synthase 1 | 0.60 | 0.01798 |
| 1387546_at | LOC502603 | serine/arginine-rich splicing factor 11 | 0.60 | 0.00186 |
| 1377626_at | LOC690768 | hypothetical protein LOC690768 | 0.59 | 0.00657 |
| 1387272_at | Alpk1 | alpha-kinase 1 | 0.59 | 0.02031 |
| 1387889_at | Folr1 | folate receptor 1 (adult) | 0.59 | 0.00247 |
| 1374452_at | Pde9a | phosphodiesterase 9A | 0.59 | 0.01891 |
| 1377984_at | Itpkb | inositol 1,4,5-trisphosphate 3-kinase B | 0.59 | 0.03313 |
| 1383671_at | Adam9 | ADAM metallopeptidase domain 9 (meltrin gamma) | 0.59 | 0.03313 |
| Downregulated genes | | | | |
| 1394921_at | Prkaa1 | protein kinase, AMP-activated, alpha 1 catalytic subunit | -2.00 | 0.01959 |
| 1384971_at | Depdc6 | DEP domain containing 6 | -1.98 | 0.00285 |
| 1368116_a_at | Rps6kb1 | ribosomal protein S6 kinase, 70kDa, polypeptide 1 | -1.77 | 0.01475 |
| 1377061_at | Rics | rho GTPase-activating protein | -1.59 | 0.00107 |
| 1392133_at | Mapk1ip11 | mitogen-activated protein kinase 1 interacting protein 1-like | -1.52 | 0.04554 |
| 1385017_at | LOC691610 | zinc finger protein 770 | -1.51 | 0.00359 |
| 1369860_a_at | Htr2c | 5-hydroxytryptamine (serotonin) receptor 2C | -1.47 | 0.03263 |
| 1369248_a_at | Xiap | X-linked inhibitor of apoptosis | -1.36 | 0.02584 |
| 1387374_at | Tcf12 | transcription factor 12 | -1.34 | 0.02482 |
| 1387716_at | Utrn | utrophin | -1.34 | 0.03705 |
| 1369540_at | Necab1 | N-terminal EF-hand calcium binding protein 1 | -1.33 | 0.01087 |
| 1393910_at | Fam13a1 | family with sequence similarity 13, member A1 | -1.33 | 0.02288 |
| 1388218_at | Ldlr | low density lipoprotein receptor | -1.31 | 0.03026 |
| 1387737_at | Mat2a | methionine adenosyltransferase II, alpha | -1.26 | 0.04118 |
| 1394049_at | Dcun1d1 | DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae) | -1.22 | 0.00848 |
| 1369903_at | Gabrb3 | gamma-aminobutyric acid (GABA) A receptor, beta 3 | -1.21 | 0.00482 |
| 1367728_at | Tsn | translin | -1.21 | 0.02869 |
| 1372103_at | Dnaja4 | dnaJ (Hsp40) homolog, subfamily A, member 4 | -1.21 | 0.02946 |
| 1393136_at | LOC313618 | transmembrane protein 57 | -1.19 | 0.03175 |
| 1384797_at | Atl3 | atlastin GTPase 3 | -1.18 | 0.03678 |
| 1369332_a_at | Rims1 | regulating synaptic membrane exocytosis 1 | -1.16 | 0.02805 |
| 1370991_at | Cml3 | camello-like 3 | -1.15 | 0.02183 |
| 1388748_at | Laptm4a | lysosomal protein transmembrane 4 alpha | -1.14 | 0.00000 |
| 1371706_at | LOC683605 | similar to serologically defined colon cancer antigen 3 isoform 1 | -1.13 | 0.05000 |
| 1384106_at | Sgms1 | sphingomyelin synthase 1 | -1.12 | 0.00812 |
| 1369421_at | Top1 | topoisomerase (DNA) I | -1.12 | 0.00933 |
| 1395600_at | LOC498404 | coiled-coil domain containing 117 | -1.12 | 0.04388 |
| 1388171_at | Cdk7 | cyclin-dependent kinase 7 | -1.10 | 0.00038 |
| 1390179_at | Ankrd52 | ankyrin repeat domain 52 | -1.09 | 0.03991 |
| 1379248_at | Prpc | prolylcarboxypeptidase (angiotensinase C) | -1.08 | 0.00584 |
| 1370833_at | Pex5l | peroxisomal biogenesis factor 5-like | -1.08 | 0.01238 |
| 1382306_at | Arlh1 | ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila) | -1.07 | 0.00268 |
| 1387929_at | Pmf31 | PMF32 protein | -1.07 | 0.01813 |
| 1398458_at | RGD1307284 | lysine deficient protein kinase 2 | -1.04 | 0.00003 |
| 1395344_at | Mtmr1 | myotubularin related protein 1 | -1.03 | 0.02156 |
| 1393306_at | Cul5 | Cullin 5 | -1.02 | 0.00363 |
| 1387824_at | Sfrs12 | splicing factor, arginine/serine-rich 12 | -1.01 | 0.00274 |
| 1377643_at | Hoxd10 | homeo box D10 | -1.01 | 0.02313 |
| 1387301_at | Fgf1 | fibroblast growth factor 1 | -1.01 | 0.04044 |
| 1393016_s_at | Sec31 | SEC3-like 1 (S. cerevisiae) | -1.00 | 0.01256 |
| 1387137_at | Comp | cartilage oligomeric matrix protein | -0.99 | 0.04265 |
| 1369265_at | Senp2 | Sumo1/sentrin/SMT3 specific peptidase 2 | -0.97 | 0.04040 |
| 1370116_at | Sept3 | septin 3 | -0.97 | 0.01051 |
| 1386023_at | Lgi1 | leucine-rich, glioma inactivated 1 /// leucine-rich glioma-inactivated protein 1-like | -0.96 | 0.00570 |
| 1370520_at | LOC257650 | hippyragranin | -0.96 | 0.01273 |
| 1387204_at | Negr1 | neuronal growth regulator 1 | -0.95 | 0.02301 |
| 1369044_a_at | Pde4b | phosphodiesterase 4B, cAMP specific | -0.95 | 0.01430 |
| 1387529_a_at | Tagln3 | transgelin 3 | -0.95 | 0.00004 |
| 1368889_at | Vti1a | vesicle transport through interaction with t-SNAREs homolog 1A (yeast) | -0.95 | 0.03709 |
| 1379778_at | DMXL1 | Dmx-like 1 | -0.95 | 0.04442 |
| 1375627_at | Akirin2 | akirin 2 | -0.94 | 0.04917 |
| 1382171_at | LOC499624 | TSC22 domain family, member 2 | -0.94 | 0.03081 |
| 1376195_at | Spin1 | spindlin 1 | -0.94 | 0.02230 |
| 1396131_at | Fam134c | family with sequence similarity 134, member C | -0.94 | 0.01194 |
| 1368573_at | Kpnb1 | karyopherin (importin) beta 1 | -0.93 | 0.04213 |
| 1386685_at | Sacs | spastic ataxia of Charlevoix-Saguenay (sacsin) | -0.92 | 0.01311 |
| 1388022_a_at | Dnm1 | dynamin 1-like | -0.92 | 0.00877 |
| 1368438_at | Pde10a | phosphodiesterase 10A | -0.92 | 0.03902 |
| 1367996_a_at | Lphn1 | latrophilin 1 | -0.91 | 0.00629 |
| 1377025_at | Kif3a | kinesin family member 3a | -0.89 | 0.04134 |
| 1375015_at | LOC317546 | similar to TAK1-binding protein 3 isoform 1 | -0.89 | 0.04637 |
| 1387807_at | Pafah1b1 | platelet-activating factor acetylhydrolase, isoform 1b, subunit 1 | -0.88 | 0.00180 |
| 1370016_at | Nell2 | NEL-like 2 (chicken) | -0.88 | 0.04451 |
| 1381098_at | LOC690243 | hypothetical protein LOC690243 | -0.88 | 0.01710 |
| 1372977_at | Map4k5 | mitogen-activated protein kinase kinase kinase 5 | -0.88 | 0.03309 |
| 1378096_at | Kif5b | kinesin family member 5B | -0.87 | 0.02917 |
| 1369041_at | Nlgn1 | neuroligin 1 | -0.87 | 0.02291 |
| 1371800_at | Phc3 | polyhomeotic homolog 2 (Drosophila) | -0.86 | 0.03311 |
| 1388143_at | Col18a1 | collagen, type XVIII, alpha 1 | -0.86 | 0.00323 |
| 1375978_at | Fcho1 | FCH domain only 1 | -0.85 | 0.02250 |
| 1385835_at | Plxdc1 | plexin domain containing 1 | -0.85 | 0.00177 |
| 1373913_at | Pnpt1 | polyribonucleotide nucleotidyltransferase 1 | -0.84 | 0.01486 |

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|--------------|-------------|---|--------------------|---------|
| 1375616_at | Apa2 | Amyloid beta (A4) precursor protein-binding, family A, member 2 | -0.83 | 0.03022 |
| 1375226_at | Tbc1d10b | TBC1 domain family, member 10b | -0.83 | 0.01106 |
| 1368369_at | Pnoc | prepronociceptin | -0.83 | 0.00758 |
| 1369720_at | Myo1b | myosin Ib | -0.82 | 0.02531 |
| 1382451_at | Hebp2 | heme binding protein 2 | -0.82 | 0.01222 |
| 1397824_at | RGD1562407 | similar to WAC | -0.82 | 0.03809 |
| 1384002_at | LOC361929 | ATPase, class VI, type 11B | -0.82 | 0.03022 |
| 1386897_at | LOC500378 | chromatin target of PRMT1 | -0.81 | 0.03586 |
| 1374521_at | Pcgf3 | polycomb group ring finger 3 | -0.80 | 0.00238 |
| 1395850_at | Pus3 | pseudouridylylate synthase 3 | -0.80 | 0.03211 |
| 1379612_at | Mapk8 | mitogen-activated protein kinase 8 | -0.80 | 0.02826 |
| 1384205_at | Ngly1 | N-glycanase 1 | -0.80 | 0.00304 |
| 1389032_at | Meoln1 | mucolin 1 | -0.80 | 0.01838 |
| 1388274_at | Bmyc | brain expressed myelocytomatosis oncogene | -0.79 | 0.04070 |
| 1391016_at | LOC690654 | tryptophanyl tRNA synthetase 2 (mitochondrial) | -0.79 | 0.00324 |
| 1391619_at | Bhlhb9 | basic helix-loop-helix domain containing, class B, 9 | -0.79 | 0.03423 |
| 1387224_at | Dgkb | diacylglycerol kinase, beta | -0.79 | 0.01798 |
| 1369693_a_at | Slc1a2 | solute carrier family 1 (glial high affinity glutamate transporter), member 2 | -0.79 | 0.04256 |
| 1370081_a_at | Vegfa | vascular endothelial growth factor A | -0.78 | 0.02115 |
| 1384745_at | Piwil2 | piwi-like 2 (Drosophila) | -0.78 | 0.02224 |
| 1390455_at | Abhd2 | abhydrolase domain containing 2 | -0.78 | 0.04928 |
| 1369024_at | Rabep2 | rabaptin, RAB GTPase binding effector protein 2 | -0.78 | 0.01616 |
| 1375545_at | Rbm9 | RNA binding motif protein 9 | -0.78 | 0.00509 |
| 1382366_at | Pik3cb | phosphoinositide-3-kinase, catalytic, beta polypeptide | -0.78 | 0.04318 |
| 1368615_a_at | Slc18a3 | solute carrier family 18 (vesicular acetylcholine), member 3 | -0.78 | 0.02197 |
| 1369687_at | Kcnab3 | potassium voltage-gated channel, shaker-related subfamily, beta member 3 | -0.76 | 0.03811 |
| 1369820_at | Mcf2l | MCF.2 cell line derived transforming sequence-like | -0.76 | 0.02718 |
| 1377750_at | Arhgef3 | rho guanine nucleotide exchange factor (GEF) 3 | -0.75 | 0.01941 |
| 1377806_at | Vezf1 | vascular endothelial zinc finger 1 | -0.75 | 0.00094 |
| 1387837_at | Apc | adenomatous polyposis coli | -0.75 | 0.03805 |
| 1393555_at | Hsp90ab1 | heat shock protein 90kDa alpha (cytosolic), class B member 1 | -0.75 | 0.00067 |
| 1388738_at | Atrn1 | Attractin like 1 | -0.74 | 0.04906 |
| 1367656_at | Psb7 | proteasome (prosome, macropain) subunit, beta type 7 | -0.74 | 0.03573 |
| 1375245_at | LOC308398 | protein phosphatase 1, regulatory subunit 37 | -0.73 | 0.00797 |
| 1394923_at | LOC683559 | similar to nuclear receptor interacting protein 2 | -0.73 | 0.01139 |
| 1395988_at | Zdhc22 | zinc finger, DHHC-type containing 22 | -0.73 | 0.00837 |
| 1373993_at | LOC686858 | similar to small nuclear RNA activating complex, polypeptide 5 | -0.73 | 0.03192 |
| 1393236_at | RioK3 | RIO kinase 3 (yeast) | -0.73 | 0.00947 |
| 1387563_at | Pgr | progesterone receptor | -0.73 | 0.01073 |
| 1391693_at | Atp8a1 | ATPase, Class I, type 8A, member 1 | -0.72 | 0.00587 |
| 1379558_at | LOC680222 | similar to zinc finger protein 748 isoform 2 | -0.71 | 0.00211 |
| 1389646_at | Cdc23 | cdc23 (cell division cycle 23, yeast, homolog) | -0.71 | 0.01061 |
| 1396919_at | Wnk1 | WNK lysine deficient protein kinase 1 | -0.71 | 0.00531 |
| 1371317_at | LMO1 | LIM domain only 1 | -0.70 | 0.04124 |
| 1377288_at | Hsf4 | heat shock transcription factor 4 | -0.70 | 0.04045 |
| 1374637_at | Tmco6 | transmembrane and coiled-coil domains 6 | -0.70 | 0.02520 |
| 1383326_a_at | Pdcd4 | programmed cell death 4 | -0.70 | 0.04120 |
| 1377582_at | Tox3 | TOX high mobility group box family member 3 | -0.70 | 0.03290 |
| 1384879_at | Trpt1 | tRNA phosphotransferase 1 | -0.70 | 0.03907 |
| 1386253_at | Med4 | mediator complex subunit 4 | -0.69 | 0.00226 |
| 1373045_at | Kctd13 | potassium channel tetramerisation domain containing 13 | -0.69 | 0.02235 |
| 1368177_at | Acsl3 | acyl-CoA synthetase long-chain family member 3 | -0.69 | 0.03584 |
| 1367796_at | Mgat1 | mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase | -0.69 | 0.00830 |
| 1375305_at | RGD1563912 | small nucleolar RNA host gene 11 (non-protein coding) | -0.69 | 0.00858 |
| 1374642_at | Zfp64 | zinc finger protein 64 | -0.68 | 0.04765 |
| 1388750_at | Tfrc | transferrin receptor | -0.68 | 0.00065 |
| 1390976_at | Lynx1 | Ly6/neurotoxin 1 | -0.68 | 0.01879 |
| 1387435_at | St8sia3 | ST8 alpha-N-acetylneuraminide alpha-2,8-sialyltransferase 3 | -0.68 | 0.01910 |
| 1392755_at | Lrrc8c | leucine rich repeat containing 8 family, member C | -0.68 | 0.03399 |
| 1370757_at | Cacng3 | calcium channel, voltage-dependent, gamma subunit 3 | -0.68 | 0.02102 |
| 1393363_at | LOC305913 | zinc finger, MYM-type 2 | -0.68 | 0.02175 |
| 1368421_at | Ptpn5 | protein tyrosine phosphatase, non-receptor type 5 | -0.67 | 0.01549 |
| 1370112_at | Pten | phosphatase and tensin homolog | -0.67 | 0.01603 |
| 1369680_at | Slc2a13 | solute carrier family 2 (facilitated glucose transporter), member 13 | -0.67 | 0.03371 |
| 1389865_at | Toe1 | target of EGR1, member 1 (nuclear) | -0.67 | 0.01512 |
| 1373542_at | Sphk2 | sphingosine kinase 2 | -0.66 | 0.03857 |
| 1388761_at | Hdac1 | histone deacetylase 1 | -0.66 | 0.01774 |
| 1389037_at | Rit1 | Ras-like without CAAX 1 | -0.66 | 0.04310 |
| 1370535_at | Myt1l | myelin transcription factor 1-like | -0.66 | 0.01021 |
| 1383608_at | Arrdc2 | arrestin domain containing 2 | -0.66 | 0.01961 |
| 1368026_at | Hdgfrp2 | hepatoma-derived growth factor, related protein 2 | -0.66 | 0.00168 |
| 1385229_at | Pcdh20 | protocadherin 20 | -0.66 | 0.02724 |
| 1377696_at | Mest | mesoderm specific transcript homolog (mouse) | -0.66 | 0.01578 |
| 1372506_at | Psme3 | proteasome (prosome, macropain) activator subunit 3 | -0.66 | 0.00616 |
| 1373061_at | Snx17 | sorting nexin 17 | -0.65 | 0.02691 |
| 1386279_at | Stard4 | STAR-related lipid transfer (START) domain containing 4 | -0.65 | 0.01282 |
| 1387873_at | Wfdc1 | WAP four-disulfide core domain 1 | -0.65 | 0.00182 |
| 1368082_at | Slc4a2 | solute carrier family 4 (anion exchanger), member 2 | -0.65 | 0.02171 |
| 1370824_at | Slc38a3 | solute carrier family 38, member 3 | -0.65 | 0.00507 |
| 1374568_at | RGD1309492 | similar to mKIAA1737 protein | -0.65 | 0.03285 |
| 1386918_a_at | Sigmar1 | sigma non-opioid intracellular receptor 1 | -0.65 | 0.00329 |

| Probe ID | | | Log2 (fold change) | p Value |
|--------------|------------|--|-----------------------|---------|
| 1373075_at | RGD1560888 | similar to Cell division protein kinase 8 (Protein kinase K35) | -0.65 | 0.00411 |
| 1387103_s_at | Slc25a14 | solute carrier family 25 (mitochondrial carrier, brain), member 14 | -0.65 | 0.04811 |
| 1368621_at | Aqp9 | aquaporin 9 | -0.64 | 0.02930 |
| 1369269_at | Galnt1 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1) | -0.64 | 0.01425 |
| 1389167_at | Mapkap1 | mitogen-activated protein kinase associated protein 1 | -0.64 | 0.00520 |
| 1385218_at | Noc3l | nucleolar complex associated 3 homolog (S. cerevisiae) | -0.64 | 0.04356 |
| 1370100_at | Pik3r2 | phosphoinositide-3-kinase, regulatory subunit 2 (beta) | -0.64 | 0.02661 |
| 1371060_at | Trim23 | tripartite motif-containing 23 | -0.64 | 0.04303 |
| 1371126_x_at | RGD1305094 | similar to CG2662-PA | -0.63 | 0.02234 |
| 1368922_at | Ece1l | endothelin converting enzyme-like 1 | -0.63 | 0.04031 |
| 1374470_at | Dhx57 | DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 | -0.63 | 0.01705 |
| 1374640_at | Them4 | thioesterase superfamily member 4 | -0.63 | 0.00645 |
| 1376192_at | Nat9 | N-acetyltransferase 9 (GCN5-related, putative) | -0.63 | 0.00547 |
| 1372527_at | Rtn2 | reticulon 2 | -0.63 | 0.01577 |
| 1372900_at | Pigt | phosphatidylinositol glycan anchor biosynthesis, class T | -0.63 | 0.03633 |
| 1379309_at | Tb11xr1 | transducin (beta)-like 1 X-linked receptor 1 | -0.63 | 0.02315 |
| 1388503_at | Eid1 | EP300 interacting inhibitor of differentiation 1 | -0.63 | 0.04234 |
| 1388953_at | Gnl3 | guanine nucleotide binding protein-like 3 (nucleolar) | -0.63 | 0.00951 |
| 1374626_at | Lrg1 | leucine-rich alpha-2-glycoprotein 1 | -0.63 | 0.04426 |
| 1376408_at | LOC499339 | hypothetical protein LOC499339 | -0.62 | 0.00701 |
| 1384903_at | Gpt2 | glutamic pyruvate transaminase (alanine aminotransferase) 2 | -0.62 | 0.03375 |
| 1378506_at | Pik3c2a | phosphoinositide-3-kinase, class 2, alpha polypeptide | -0.62 | 0.04098 |
| 1382386_at | Lmbr1 | limb region 1 homolog (mouse) | -0.62 | 0.00078 |
| 1368439_at | Sox10 | SRY (sex determining region Y)-box 10 | -0.62 | 0.03760 |
| 1383867_at | Eif5a2 | eukaryotic translation initiation factor 5A2 | -0.62 | 0.00750 |
| 1372536_at | Cabc1 | chaperone, ABC1 activity of bc1 complex homolog (S. pombe) | -0.62 | 0.02433 |
| 1370490_at | Pcdhb12 | protocadherin beta 12 | -0.62 | 0.01867 |
| 1395464_at | RGD1311154 | potassium channel tetramerization domain containing 17 | -0.62 | 0.00367 |
| 1388697_at | Inpp5a | inositol polyphosphate-5-phosphatase A | -0.62 | 0.01424 |
| 1393565_at | RGD1563441 | similar to RIKEN cDNA A030009H04 | -0.61 | 0.04674 |
| 1396462_at | Vps4a | vacuolar protein sorting 4 homolog A (S. cerevisiae) | -0.61 | 0.03118 |
| 1374323_at | Bccip | BRCA2 and CDKN1A interacting protein | -0.61 | 0.01895 |
| 1373498_at | Vps11 | vacuolar protein sorting 11 homolog (S. cerevisiae) | -0.61 | 0.02517 |
| 1389377_at | Insig2 | insulin induced gene 2 | -0.61 | 0.01780 |
| 1395066_at | Nol4 | nucleolar protein 4 | -0.61 | 0.04471 |
| 1367980_at | Rabep1 | rabaptin, RAB GTPase binding effector protein 1 | -0.61 | 0.04047 |
| 1370954_at | P4ha1 | prolyl 4-hydroxylase, alpha polypeptide I | -0.60 | 0.02564 |
| 1388019_at | Odf2 | outer dense fiber of sperm tails 2 | -0.60 | 0.03901 |
| 1396052_at | Dhx8 | DEAH (Asp-Glu-Ala-His) box polypeptide 8 | -0.60 | 0.00391 |
| 1375398_at | Tmem163 | transmembrane protein 163 | -0.60 | 0.00767 |
| 1384445_at | LOC298442 | coiled-coil domain containing 163 | -0.60 | 0.02437 |
| 1376607_a_at | RGD1310414 | similar to hypothetical protein FLJ23263 | -0.60 | 0.03785 |
| 1382251_at | Kpna1 | karyopherin alpha 1 | -0.60 | 0.04425 |
| 1381279_at | Ripk2 | receptor-interacting serine-threonine kinase 2 | -0.60 | 0.01095 |
| 1387801_at | Ppp6c | protein phosphatase 6, catalytic subunit | -0.59 | 0.03892 |
| 1369562_at | Hpcal1 | hippocalcin-like 1 | -0.59 | 0.03476 |
| 1372228_at | Asmtl | acetylserotonin O-methyltransferase-like | -0.59 | 0.00921 |
| 1369213_at | L1cam | L1 cell adhesion molecule | -0.59 | 0.03084 |
| 1378116_at | Zbtb45 | zinc finger and BTB domain containing 45 | -0.59 | 0.03166 |
| 1384423_at | LOC365090 | similar to 5-nucleotidase, cytosolic II | -0.59 | 0.03230 |
| 1374152_at | Wdr46 | WD repeat domain 46 | -0.59 | 0.03593 |
| 1371585_at | Gspt1 | G1 to S phase transition 1 | -0.59 | 0.04259 |
| 1387979_at | Golgb1 | golgi autoantigen, golgin subfamily b, macrogolgin 1 | -0.59 | 0.00603 |
| 1390945_at | Znf292 | zinc finger protein 292 | -0.59 | 0.02462 |