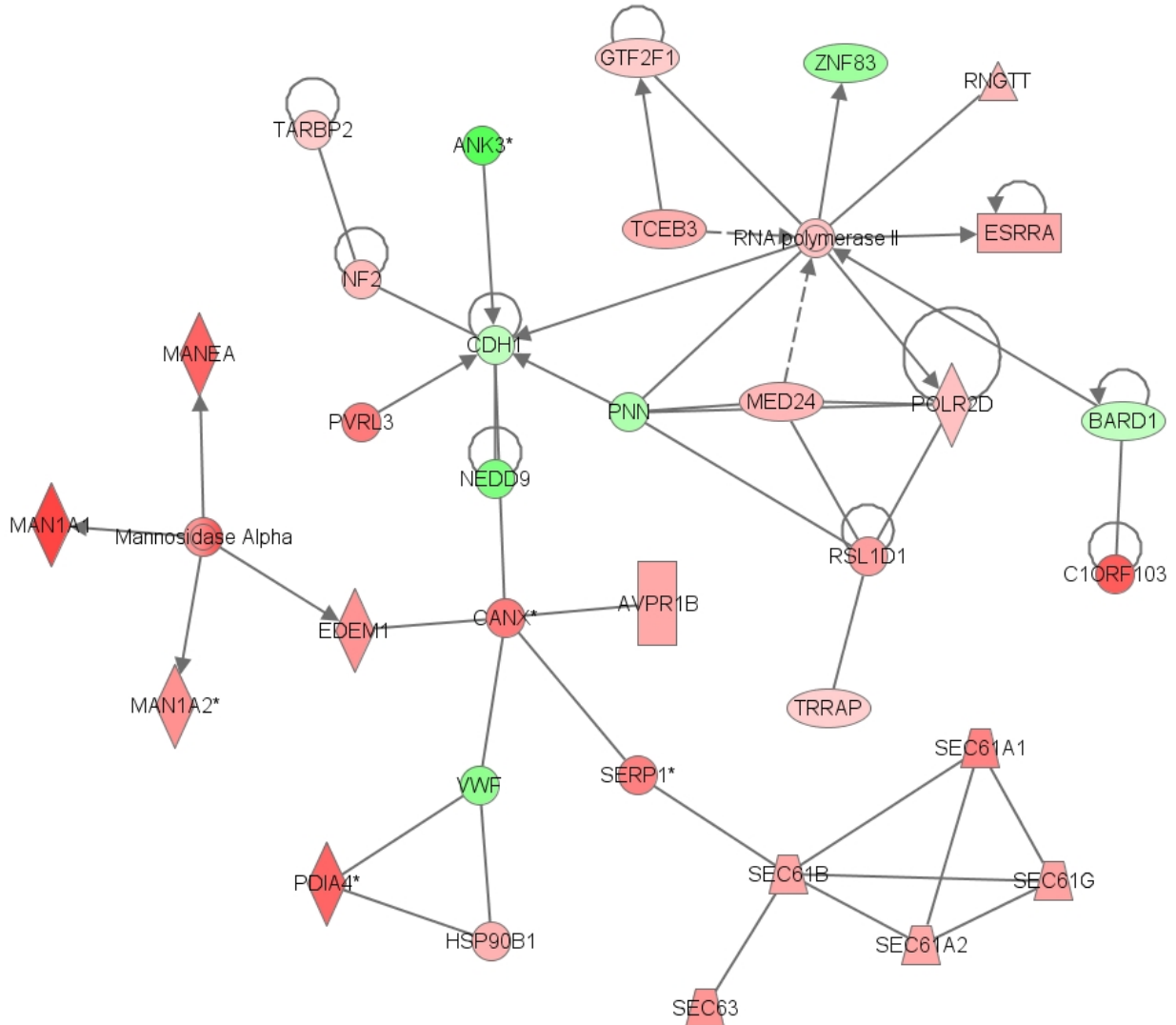


Supplemental Figure-1: Top scored network from significant interaction (HCV* Alcohol) analysis

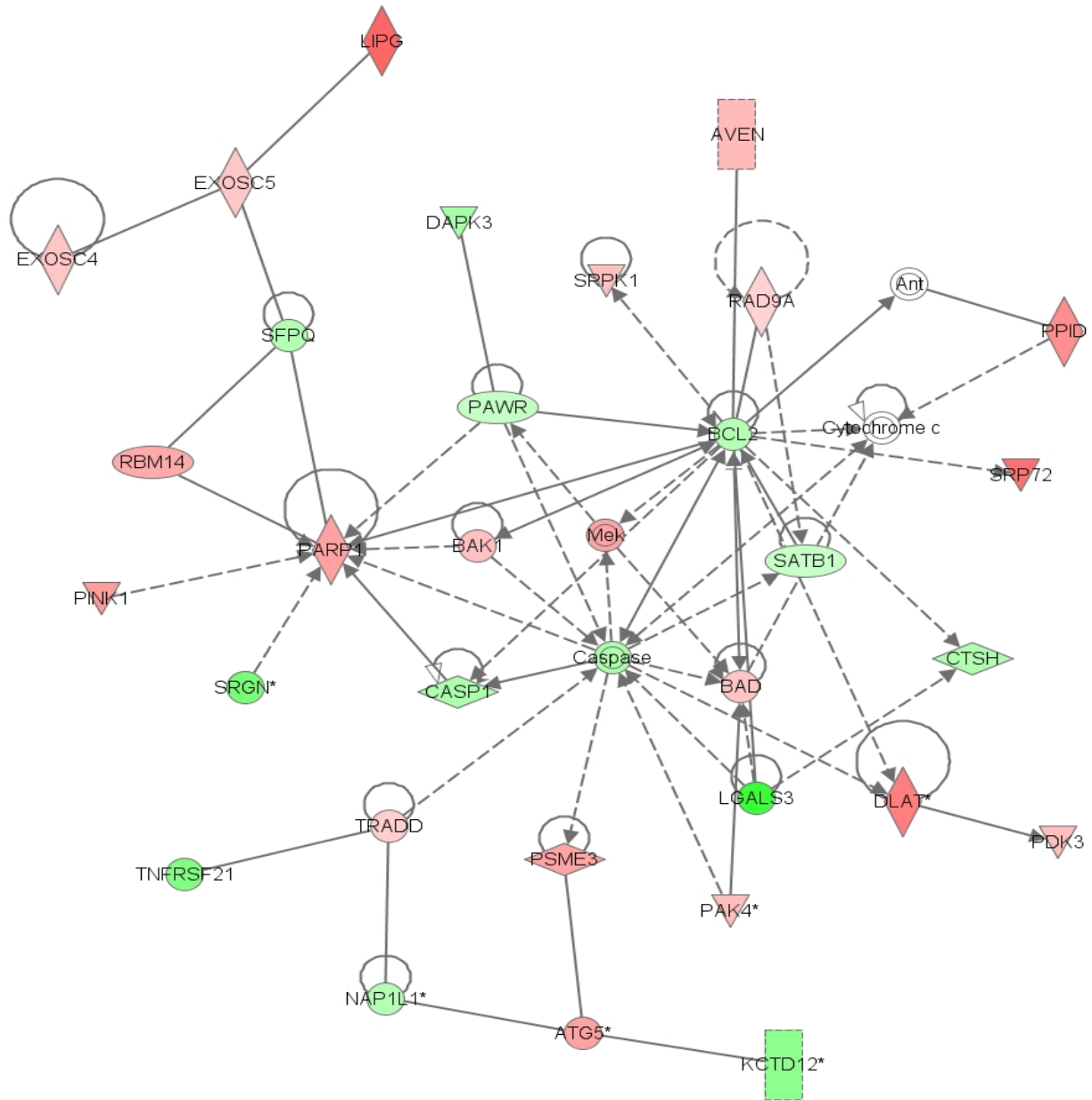
Network 1: significant interaction2 - 2009-02-13 10:40 AM: significant interaction2.xls: significant interaction2 - 2009-02-13 10:40 AM



© 2000-2009 Ingenuity Systems, Inc. All rights reserved.

Supplemental Figure-2. Second top scored network from significant interaction (HCV*Alcohol) analysis

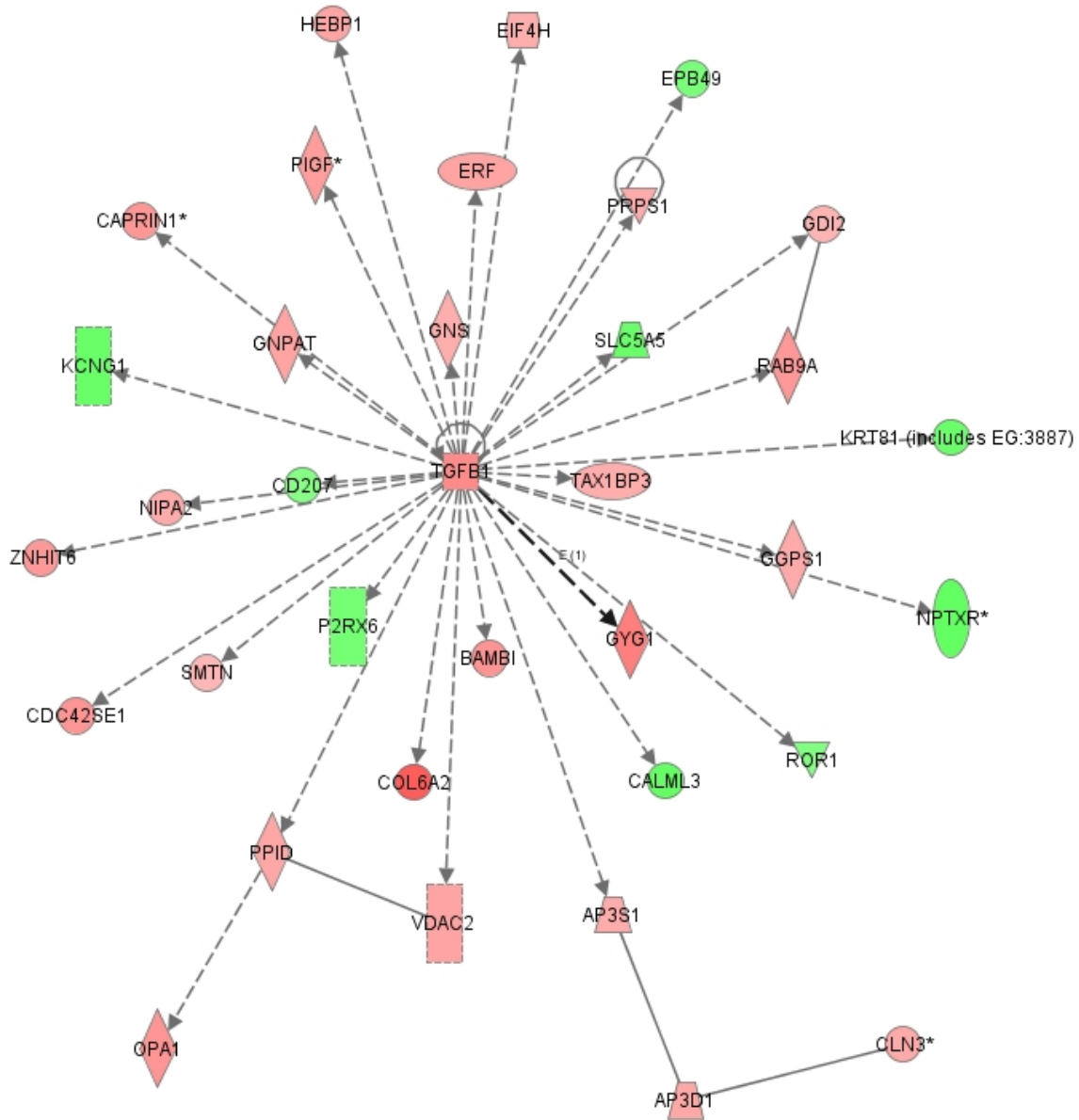
Network 2 : significant interaction2 - 2009-02-13 10:40 AM : significant interaction2 .xls : significant interaction2 - 2009-02-13 10:40 AM



© 2000-2009 Ingenuity Systems, Inc. All rights reserved.

Supplemental Figure-3. Top scored network from the analysis of differentially expressed genes between HCV and alcohol cirrhotic tissues

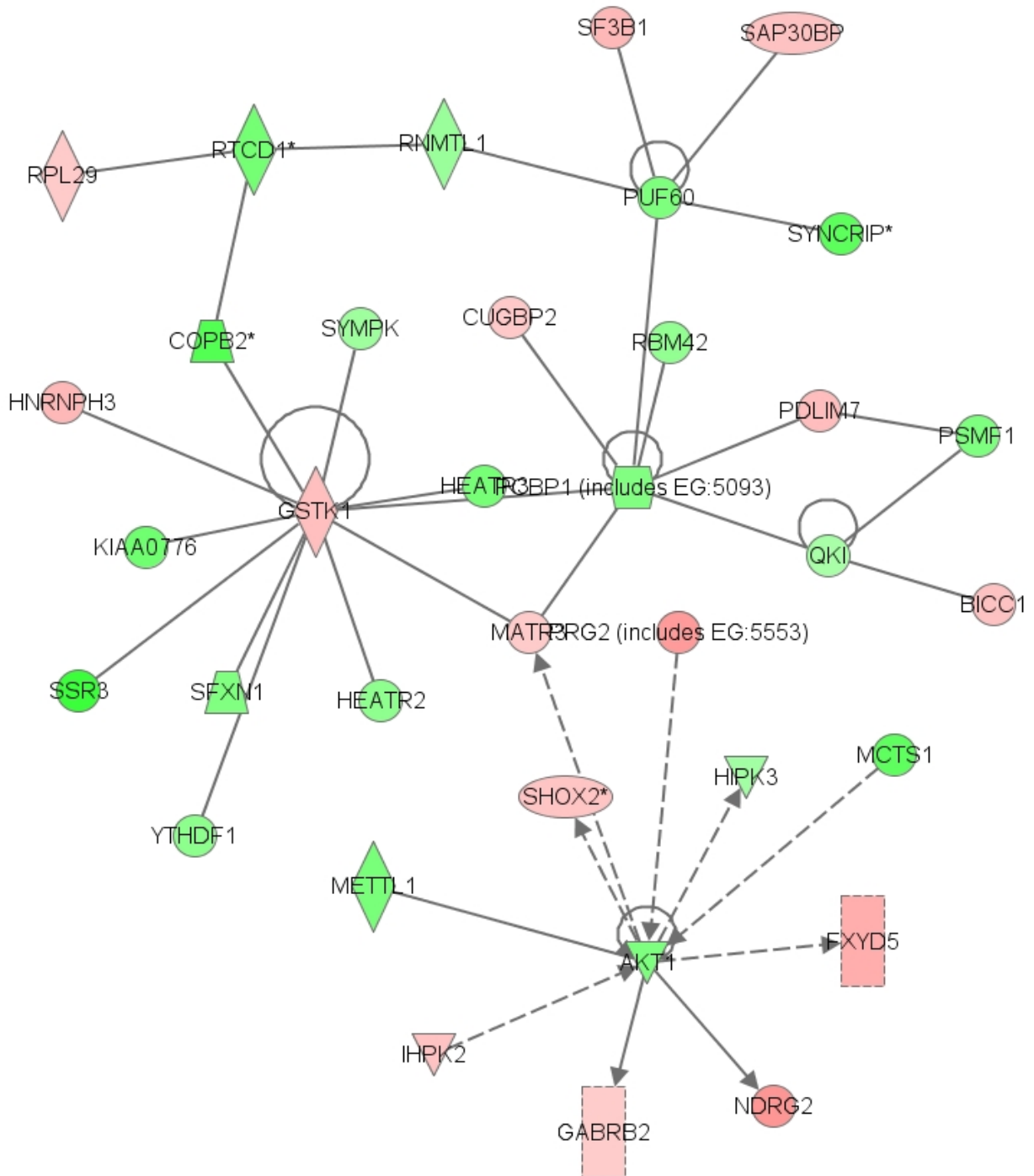
Network 1 : HCV VS. EtOH2 - 2009-12-08 11:33 AM : HCV VS. EtOH2.xls : HCV VS. EtOH2 - 2009-12-08 11:33 AM



© 2000-2009 Ingenuity Systems, Inc. All rights reserved.

Supplemental Figure-4. Second top scored network from the analysis of differentially expressed genes between alcoholic cirrhotic tissues and normal liver tissues.

Network 2 : ETOH v Normal - 2009-02-13 08:45 AM : ETOH v Normal.xls : ETOH v Normal - 2009-02-13 08:45 AM



© 2000-2009 Ingenuity Systems, Inc. All rights reserved.

Supplemental Table 1- Differentially expressed genes between alcoholic cirrhotic tissues and normal livers

| Affy ID | Symbol | Gene Name | Fold |
|----------------|---------------|--|-------------|
| 1773_at | FNTB | farnesyltransferase, CAAX box, beta | - 1.26 |
| 200039_s_at | PSMB2 | proteasome (prosome, macropain) subunit, beta type, 2 | - 1.81 |
| 200044_at | SFRS9 | splicing factor, arginine/serine-rich 9 | - 1.49 |
| 200048_s_at | JTB | jumping translocation breakpoint | - 1.99 |
| 200065_s_at | ARF1 | ADP-ribosylation factor 1 | - 1.55 |
| 200078_s_at | ATP6V0B | ATPase, H ⁺ transporting, lysosomal 21kDa, V0 subunit b | - 1.72 |
| 200098_s_at | ANAPC5 | anaphase promoting complex subunit 5 | -1.6 |

| | | | |
|-------------|--------|---|------|
| | | | - |
| 200628_s_at | WARS | tryptophanyl-tRNA synthetase | 1.81 |
| | | | - |
| 200646_s_at | NUCB1 | nucleobindin 1 | 2.43 |
| | | | - |
| 200650_s_at | LDHA | lactate dehydrogenase A | 1.67 |
| | | | - |
| 200683_s_at | UBE2L3 | ubiquitin-conjugating enzyme E2L 3 | 2.19 |
| | | | - |
| 200684_s_at | UBE2L3 | ubiquitin-conjugating enzyme E2L 3 | 1.25 |
| | | | - |
| 200744_s_at | GNB1 | guanine nucleotide binding protein (G protein), beta polypeptide 1 | 1.89 |
| | | | - |
| 200756_x_at | CALU | calumenin | 1.59 |
| | | | - |
| 200786_at | PSMB7 | proteasome (prosome, macropain) subunit, beta type, 7 | 1.63 |

| | | | |
|-------------|--------|---|-----------|
| | | | - |
| 200805_at | LMAN2 | lectin, mannose-binding 2 | 1.94 |
| | | | |
| 200807_s_at | HSPD1 | heat shock 60kDa protein 1 (chaperonin) | - 1.67 |
| | | | |
| 200812_at | CCT7 | chaperonin containing TCP1, subunit 7 (eta) | - 1.57 |
| | | | |
| 200827_at | PLOD1 | procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1 | - 1.61 |
| | | | |
| 200830_at | PSMD2 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 2 | - 1.58 |
| | | | |
| 200843_s_at | EPRS | glutamyl-prolyl-tRNA synthetase | - 1.71 |
| | | | |
| 200846_s_at | PPP1CA | protein phosphatase 1, catalytic subunit, alpha isoform | - 1.77 |

| | | | |
|-------------|--------|--|-----------|
| 200870_at | STRAP | serine/threonine kinase receptor associated protein | - 1.92 |
| 200876_s_at | PSMB1 | proteasome (prosome, macropain) subunit, beta type, 1 | - 1.65 |
| 200918_s_at | SRPR | signal recognition particle receptor ('docking protein') | - 2.44 |
| 200927_s_at | RAB14 | RAB14, member RAS oncogene family | - 2.48 |
| 200929_at | TMED10 | transmembrane emp24-like trafficking protein 10 (yeast) | - 1.76 |
| 200931_s_at | VCL | vinculin | 2.15 |
| 200938_s_at | RERE | arginine-glutamic acid dipeptide (RE) repeats | 1.81 |
| 200968_s_at | PPIB | peptidylprolyl isomerase B (cyclophilin B) | - 1.89 |

| | | | |
|-------------|-------|---|-----------|
| 200987_x_at | PSME3 | proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) | - 2.13 |
| 201004_at | SSR4 | signal sequence receptor, delta (translocon-associated protein delta) | - 1.77 |
| 201013_s_at | PAICS | phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase | - 2.07 |
| 201014_s_at | PAICS | phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase | - 1.86 |

| | | | |
|-------------|--------|--|-----------|
| | | | |
| 201017_at | EIF1AX | eukaryotic translation initiation factor 1A, X-linked | - 1.97 |
| 201042_at | TGM2 | transglutaminase 2 (C polypeptide, protein-glutamine-gamma- glutamyltransferase) | - 2.97 |
| 201043_s_at | ANP32A | acidic (leucine-rich) nuclear phosphoprotein 32 family, member A | - 1.48 |
| 201052_s_at | PSMF1 | proteasome (prosome, macropain) inhibitor subunit 1 (PI31) | - 1.73 |
| 201066_at | CYC1 | cytochrome c-1 | - 1.89 |

| | | | |
|-------------|--------|---|------|
| | | proteasome (prosome, macropain) | - |
| 201068_s_at | PSMC2 | 26S subunit, ATPase, 2 | 1.86 |
| | | | - |
| 201079_at | SYNGR2 | synaptogyrin 2 | 1.89 |
| | | | - |
| 201097_s_at | ARF4 | ADP-ribosylation factor 4 | 1.87 |
| | | | - |
| 201098_at | COPB2 | coatamer protein complex, subunit beta 2 (beta prime) | 2.31 |
| | | | - |
| 201144_s_at | EIF2S1 | eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa | 1.61 |
| | | | - |
| 201145_at | HAX1 | HCLS1 associated protein X-1 | 1.59 |
| | | | - |
| 201156_s_at | RAB5C | RAB5C, member RAS oncogene family | 1.61 |
| | | | - |
| 201157_s_at | NMT1 | N-myristoyltransferase 1 | -1.7 |

| | | | |
|-------------|---------|--|-----------|
| 201158_at | NMT1 | N-myristoyltransferase 1 | - 1.78 |
| 201175_at | TXNDC14 | thioredoxin domain containing 14 | - 1.85 |
| 201198_s_at | PSMD1 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 1 | - 1.61 |
| 201214_s_at | PPP1R7 | protein phosphatase 1, regulatory (inhibitor) subunit 7 | - 1.54 |
| 201229_s_at | ARIH2 | ariadne homolog 2 (Drosophila) | - 1.49 |
| 201230_s_at | ARIH2 | ariadne homolog 2 (Drosophila) | - 1.43 |
| 201239_s_at | SPCS2 | signal peptidase complex subunit 2 homolog (<i>S. cerevisiae</i>) | - 2.02 |

| | | | |
|-------------|--------|---|-----------|
| 201244_s_at | RAF1 | v-raf-1 murine leukemia viral oncogene homolog 1 | - 1.59 |
| 201255_x_at | BAT3 | HLA-B associated transcript 3 | - 1.42 |
| 201276_at | RAB5B | RAB5B, member RAS oncogene family | - 1.35 |
| 201281_at | ADRM1 | adhesion regulating molecule 1 | -1.9 |
| 201315_x_at | IFITM2 | interferon induced transmembrane protein 2 (1-8D) | - 1.78 |
| 201359_at | COPB1 | coatamer protein complex, subunit beta 1 | - 1.84 |
| 201374_x_at | PPP2CB | protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform | 1.69 |
| 201381_x_at | CACYBP | calcyclin binding protein | - 2.02 |

| | | | |
|-------------|---------|--|-----------|
| | | proteasome (prosome, macropain) | - |
| 201388_at | PSMD3 | 26S subunit, non-ATPase, 3 | 2.05 |
| 201398_s_at | TRAM1 | translocation associated membrane protein 1 | -1.9 |
| 201413_at | HSD17B4 | hydroxysteroid (17-beta) dehydrogenase 4 | - 1.78 |
| 201459_at | RUVBL2 | RuvB-like 2 (E. coli) | - 1.52 |
| 201465_s_at | JUN | jun oncogene | 2.43 |
| 201474_s_at | ITGA3 | integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor) | 1.4 |
| 201475_x_at | MARS | methionyl-tRNA synthetase | - 1.98 |
| 201491_at | AHSA1 | AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast) | - 1.84 |

| | | | |
|-------------|---------|---|-----------|
| 201495_x_at | MYH11 | myosin, heavy chain 11, smooth muscle | 1.42 |
| 201500_s_at | PPP1R11 | protein phosphatase 1, regulatory (inhibitor) subunit 11 | - 1.47 |
| 201504_s_at | TSN | translin | - 1.54 |
| 201532_at | PSMA3 | proteasome (prosome, macropain) subunit, alpha type, 3 | - 2.03 |
| 201537_s_at | DUSP3 | dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related) | - 1.98 |
| 201547_at | JARID1B | jumonji, AT rich interactive domain 1B | 1.27 |
| 201576_s_at | GLB1 | galactosidase, beta 1 | - 1.72 |

| | | | |
|-------------|--------|--|-----------|
| 201577_at | NME1 | non-metastatic cells 1, protein (NM23A) expressed in | - 2.53 |
| 201587_s_at | IRAK1 | interleukin-1 receptor-associated kinase 1 | - 2.39 |
| 201588_at | TXNL1 | thioredoxin-like 1 | - 1.59 |
| 201589_at | SMC1A | structural maintenance of chromosomes 1A | - 2.02 |
| 201620_at | MBTPS1 | membrane-bound transcription factor peptidase, site 1 | - 1.48 |
| 201624_at | DARS | aspartyl-tRNA synthetase | - 1.88 |
| 201632_at | EIF2B1 | eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa | - -1.6 |
| 201644_at | TSTA3 | tissue specific transplantation antigen P35B | - 2.28 |

| | | | |
|-------------|--------|---------------------------------------|------|
| | | | - |
| 201659_s_at | ARL1 | ADP-ribosylation factor-like 1 | 2.41 |
| | | structural maintenance of | - |
| 201663_s_at | SMC4 | chromosomes 4 | 1.45 |
| | | proteasome (prosome, macropain) | |
| 201676_x_at | PSMA1 | subunit, alpha type, 1 | -1.5 |
| | | | - |
| 201690_s_at | TPD52 | tumor protein D52 | 2.18 |
| 201691_s_at | TPD52 | tumor protein D52 | -1.4 |
| | | DNA (cytosine-5)- | - |
| 201697_s_at | DNMT1 | methyltransferase 1 | 1.64 |
| | | splicing factor, arginine/serine-rich | - |
| 201698_s_at | SFRS9 | 9 | 1.95 |
| | | | - |
| 201716_at | SNX1 | sorting nexin 1 | 1.55 |
| | | mitochondrial ribosomal protein | |
| 201717_at | MRPL49 | L49 | -1.6 |

| | | | |
|-------------|----------|--|-----------|
| 201726_at | ELAVL1 | ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) | - 1.73 |
| 201741_x_at | SFRS1 | splicing factor, arginine/serine-rich 1 (splicing factor 2, alternate splicing factor) | - 1.16 |
| 201746_at | TP53 | tumor protein p53 (Li-Fraumeni syndrome) | - 1.68 |
| 201776_s_at | KIAA0494 | KIAA0494 | - 2.09 |
| 201777_s_at | KIAA0494 | KIAA0494 | - 1.39 |
| 201819_at | SCARB1 | scavenger receptor class B, member 1 | - 1.98 |
| 201850_at | CAPG | capping protein (actin filament), gelsolin-like | 1.55 |

| | | | |
|-------------|---------|--|-----------|
| 201861_s_at | LRRFIP1 | leucine rich repeat (in FLII) interacting protein 1 | 1.69 |
| 201881_s_at | ARIH1 | ariadne homolog, ubiquitin- conjugating enzyme E2 binding protein, 1 (Drosophila) | - 1.63 |
| 201885_s_at | CYB5R3 | cytochrome b5 reductase 3 | - 1.88 |
| 201897_s_at | CKS1B | CDC28 protein kinase regulatory subunit 1B | - 2.12 |
| 201898_s_at | UBE2A | ubiquitin-conjugating enzyme E2A (RAD6 homolog) | - 1.52 |
| 201906_s_at | CTDSPL | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like | 1.76 |

| | | | |
|-------------|----------|---|------|
| | | | - |
| 201937_s_at | DNPEP | aspartyl aminopeptidase | 1.52 |
| | | glyceronephosphate O- | - |
| 201956_s_at | GNPAT | acyltransferase | 1.38 |
| | | chromosome 7 open reading frame | - |
| 201973_s_at | C7orf28B | 28B | 1.84 |
| | | | - |
| 201977_s_at | KIAA0141 | KIAA0141 | 1.53 |
| | | protein phosphatase 5, catalytic | - |
| 201979_s_at | PPP5C | subunit | 1.62 |
| | | | - |
| 201994_at | MORF4L2 | mortality factor 4 like 2 | 1.54 |
| | | | - |
| 202012_s_at | EXT2 | exostoses (multiple) 2 | 1.95 |
| | | | - |
| 202013_s_at | EXT2 | exostoses (multiple) 2 | -1.8 |
| | | | - |
| 202024_at | ASNA1 | arsA arsenite transporter, ATP-binding, homolog 1 (bacterial) | 1.57 |

| | | | |
|-------------|----------|---|-----------|
| 202030_at | BCKDK | branched chain ketoacid dehydrogenase kinase | - 1.55 |
| 202058_s_at | KPNA1 | karyopherin alpha 1 (importin alpha 5) | - 2.39 |
| 202059_s_at | KPNA1 | karyopherin alpha 1 (importin alpha 5) | - 1.93 |
| 202061_s_at | SEL1L | sel-1 suppressor of lin-12-like (C. elegans) | - 2.04 |
| 202069_s_at | IDH3A | isocitrate dehydrogenase 3 (NAD+) alpha | - 2.18 |
| 202106_at | GOLGA3 | golgi autoantigen, golgin subfamily a, 3 | - 1.67 |
| 202128_at | KIAA0317 | KIAA0317 | - 1.68 |

| | | | |
|-------------|---------|---|-----------|
| 202176_at | ERCC3 | excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing) | - 1.54 |
| 202185_at | PLOD3 | procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 | - 2.02 |
| 202186_x_at | PPP2R5A | protein phosphatase 2, regulatory subunit B', alpha isoform | 1.91 |
| 202187_s_at | PPP2R5A | protein phosphatase 2, regulatory subunit B', alpha isoform | - 1.61 |
| 202191_s_at | GAS7 | growth arrest-specific 7 | 1.69 |
| 202192_s_at | GAS7 | growth arrest-specific 7 | 1.39 |

| | | | |
|-------------|--------|--|-----------|
| | | transmembrane emp24 protein | - |
| 202194_at | TMED5 | transport domain containing 5 | 2.44 |
| | | | - |
| 202200_s_at | SRPK1 | SFRS protein kinase 1 | 1.85 |
| | | | - |
| 202204_s_at | AMFR | autocrine motility factor receptor | 2.14 |
| | | | |
| 202216_x_at | NFYC | nuclear transcription factor Y, gamma | -1.5 |
| 202222_s_at | DES | desmin | 1.57 |
| | | | |
| 202229_s_at | CHERP | calcium homeostasis endoplasmic reticulum protein | - 1.31 |
| | | | - |
| 202242_at | TSPAN7 | tetraspanin 7 | 1.81 |
| | | | |
| 202243_s_at | PSMB4 | proteasome (prosome, macropain) subunit, beta type, 4 | - 1.73 |

| | | | |
|-------------|---------|--|-----------|
| | | proteasome (prosome, macropain) | - |
| 202244_at | PSMB4 | subunit, beta type, 4 | 1.48 |
| | | | - |
| 202246_s_at | CDK4 | cyclin-dependent kinase 4 | 1.52 |
| | | | |
| 202261_at | VPS72 | vacuolar protein sorting 72 homolog (<i>S. cerevisiae</i>) | -1.6 |
| | | | |
| 202285_s_at | TACSTD2 | tumor-associated calcium signal transducer 2 | 1.36 |
| | | | |
| 202331_at | BCKDHA | branched chain keto acid dehydrogenase E1, alpha polypeptide | - 1.56 |
| | | | - |
| 202346_at | HIP2 | huntingtin interacting protein 2 | 1.82 |
| | | | |
| 202352_s_at | PSMD12 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 12 | - 2.01 |

| | | | |
|-------------|----------|------------------------------------|------|
| | | proteasome (prosome, macropain) | - |
| 202353_s_at | PSMD12 | 26S subunit, non-ATPase, 12 | 2.55 |
| | | RAB3 GTPase activating protein | - |
| 202374_s_at | RAB3GAP2 | subunit 2 (non-catalytic) | 1.51 |
| | | Treacher Collins-Franceschetti | |
| 202384_s_at | TCOF1 | syndrome 1 | 1.57 |
| | | ATP-binding cassette, sub-family F | - |
| 202394_s_at | ABCF3 | (GCN20), member 3 | 1.31 |
| | | | - |
| 202397_at | NUTF2 | nuclear transport factor 2 | 1.64 |
| | | adaptor-related protein complex 3, | - |
| 202398_at | AP3S2 | sigma 2 subunit | 1.25 |
| | | insulin-like growth factor 2 | - |
| 202409_at | IGF2 | (somatomedin A) | 1.62 |

| | | | |
|-------------|---------|---|------|
| | | | |
| 202417_at | KEAP1 | kelch-like ECH-associated protein 1 | 1.39 |
| 202471_s_at | IDH3G | isocitrate dehydrogenase 3 (NAD+) gamma | 1.48 |
| 202482_x_at | RANBP1 | RAN binding protein 1 | 1.53 |
| 202495_at | TBCC | tubulin folding cofactor C | -1.6 |
| 202514_at | DLG1 | discs, large homolog 1 (Drosophila) | 1.73 |
| 202520_s_at | MLH1 | mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) | 2.14 |
| 202529_at | PRPSAP1 | phosphoribosyl pyrophosphate synthetase-associated protein 1 | 1.82 |
| 202530_at | MAPK14 | mitogen-activated protein kinase 14 | -1.4 |

| | | | |
|-------------|---------|-------------------------------------|------|
| | | | - |
| 202543_s_at | GMFB | glia maturation factor, beta | 2.47 |
| | | chromosome 1 open reading frame | - |
| 202560_s_at | C1orf77 | 77 | 1.81 |
| | | chromosome 14 open reading frame | |
| 202563_at | C14orf1 | 1 | 1.47 |
| | | | - |
| 202583_s_at | RANBP9 | RAN binding protein 9 | 1.49 |
| | | nuclear transcription factor, X-box | - |
| 202584_at | NFX1 | binding 1 | 1.35 |
| | | | - |
| 202587_s_at | AK1 | adenylate kinase 1 | 1.85 |
| | | neuroblastoma RAS viral (v-ras) | - |
| 202647_s_at | NRAS | oncogene homolog | 1.59 |
| | | | |
| | | carbamoyl-phosphate synthetase 2, | |
| | | aspartate transcarbamylase, and | - |
| 202715_at | CAD | dihydroorotase | 1.63 |

| | | | |
|-------------|--------|---|-----------|
| 202717_s_at | CDC16 | cell division cycle 16 homolog (S. cerevisiae) | - 1.86 |
| 202754_at | R3HDM1 | R3H domain containing 1 | - 1.76 |
| 202755_s_at | GPC1 | glypican 1 | 1.38 |
| 202767_at | ACP2 | acid phosphatase 2, lysosomal | - 1.49 |
| 202802_at | DHPS | deoxyhypusine synthase | - 1.57 |
| 202836_s_at | TXNL4A | thioredoxin-like 4A | - 2.11 |
| 202841_x_at | OGFR | opioid growth factor receptor | - 1.88 |
| 202845_s_at | RALBP1 | ralA binding protein 1 | - 1.38 |
| 202868_s_at | POP4 | processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae) | - 1.61 |

| | | | |
|-------------|----------|---|-----------|
| 202873_at | ATP6V1C1 | ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C1 | - 1.22 |
| 202886_s_at | PPP2R1B | protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform | - 2.85 |
| 202896_s_at | SIRPA | signal-regulatory protein alpha | - 1.78 |
| 202900_s_at | NUP88 | nucleoporin 88kDa | - 2.23 |
| 202917_s_at | S100A8 | S100 calcium binding protein A8 | - 5.57 |
| 202939_at | ZMPSTE24 | zinc metallopeptidase (STE24 homolog, <i>S. cerevisiae</i>) | - 2.12 |

| | | | |
|-------------|---------|---|-----------|
| 202955_s_at | ARFGEF1 | ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited) | - 1.38 |
| 202977_s_at | CREBZF | CREB/ATF bZIP transcription factor | 1.82 |
| 202986_at | ARNT2 | aryl-hydrocarbon receptor nuclear translocator 2 | 1.2 |
| 202997_s_at | LOXL2 | lysyl oxidase-like 2 | 1.26 |
| 203032_s_at | FH | fumarate hydratase | - 2.34 |
| 203052_at | C2 | complement component 2 | - 1.66 |
| 203059_s_at | PAPSS2 | 3'-phosphoadenosine 5'-phosphosulfate synthase 2 | - 2.44 |

| | | | |
|-------------|--------|--|-----------|
| 203060_s_at | PAPSS2 | 3'-phosphoadenosine 5'- phosphosulfate synthase 2 | - 2.07 |
| 203089_s_at | HTRA2 | HtrA serine peptidase 2 | - 1.65 |
| 203116_s_at | FECH | ferrochelatase (protoporphyrin) | - 1.83 |
| 203118_at | PCSK7 | proprotein convertase subtilisin/kexin type 7 | - 1.36 |
| 203122_at | TTC15 | tetratricopeptide repeat domain 15 | - 1.69 |
| 203150_at | RABEPK | Rab9 effector protein with kelch motifs | - 1.86 |
| 203189_s_at | NDUFS8 | NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH- coenzyme Q reductase) | - 1.82 |

| | | | |
|-------------|---------|--|-----------|
| 203190_at | NDUFS8 | NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH- coenzyme Q reductase) | - 1.84 |
| 203191_at | ABCB6 | ATP-binding cassette, sub-family B (MDR/TAP), member 6 | 1.62 |
| 203194_s_at | NUP98 | nucleoporin 98kDa | - 1.42 |
| 203199_s_at | MTRR | 5-methyltetrahydrofolate- homocysteine methyltransferase reductase | - 1.75 |
| 203201_at | PMM2 | phosphomannomutase 2 | - 1.69 |
| 203218_at | MAPK9 | mitogen-activated protein kinase 9 | - 1.71 |
| 203225_s_at | RFK | riboflavin kinase | - 2.32 |
| 203226_s_at | TSPAN31 | tetraspanin 31 | - |

| | | | |
|-------------|---------|---|-----------|
| | | | 1.51 |
| 203246_s_at | TUSC4 | tumor suppressor candidate 4 | - 1.67 |
| 203253_s_at | HISPPD1 | histidine acid phosphatase domain containing 1 | - 1.83 |
| 203274_at | F8A1 | coagulation factor VIII-associated (intronic transcript) 1 | - 1.61 |
| 203293_s_at | LMAN1 | lectin, mannose-binding, 1 | - 2.95 |
| 203307_at | GNL1 | guanine nucleotide binding protein- like 1 | 1.95 |
| 203342_at | TIMM17B | translocase of inner mitochondrial membrane 17 homolog B (yeast) | -1.5 |
| 203350_at | AP1G1 | adaptor-related protein complex 1, gamma 1 subunit | - 1.63 |

| | | | |
|-------------|--------|---|-----------|
| 203351_s_at | ORC4L | origin recognition complex, subunit 4-like (yeast) | - 1.61 |
| 203352_at | ORC4L | origin recognition complex, subunit 4-like (yeast) | - 1.21 |
| 203355_s_at | PSD3 | pleckstrin and Sec7 domain containing 3 | 3.04 |
| 203374_s_at | TPP2 | tripeptidyl peptidase II | - 1.72 |
| 203405_at | DSCR2 | Down syndrome critical region gene 2 | - 1.99 |
| 203426_s_at | IGFBP5 | insulin-like growth factor binding protein 5 | 1.31 |
| 203437_at | TMEM11 | transmembrane protein 11 | - 1.35 |
| 203440_at | CDH2 | cadherin 2, type 1, N-cadherin (neuronal) | 1.41 |

| | | | |
|-------------|--------|---|------|
| | | proteasome (prosome, macropain) | - |
| 203447_at | PSMD5 | 26S subunit, non-ATPase, 5 | 1.87 |
| | | | - |
| 203502_at | BPGM | 2,3-bisphosphoglycerate mutase | 1.57 |
| | | | - |
| 203504_s_at | ABCA1 | ATP-binding cassette, sub-family A (ABC1), member 1 | 2.99 |
| | | | - |
| 203517_at | MTX2 | metaxin 2 | 1.56 |
| | | | - |
| 203534_at | LSM1 | LSM1 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) | 1.55 |
| | | | - |
| 203585_at | ZNF185 | zinc finger protein 185 (LIM domain) | 1.5 |
| | | | - |
| 203594_at | RTCD1 | RNA terminal phosphate cyclase domain 1 | 1.88 |

| | | | |
|-------------|--------|--|-----------|
| 203595_s_at | IFIT5 | interferon-induced protein with tetratricopeptide repeats 5 | -1.6 |
| 203614_at | UTP14C | UTP14, U3 small nucleolar ribonucleoprotein, homolog C (yeast) | - 2.32 |
| 203625_x_at | SKP2 | S-phase kinase-associated protein 2 (p45) | - 2.33 |
| 203648_at | TATDN2 | TatD DNase domain containing 2 | - 1.33 |
| 203669_s_at | DGAT1 | diacylglycerol O-acyltransferase homolog 1 (mouse) | - 1.92 |
| 203670_at | TTLL3 | tubulin tyrosine ligase-like family, member 3 | 1.7 |
| 203676_at | GNS | glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID) | - 1.67 |
| 203686_at | MPG | N-methylpurine-DNA glycosylase | - 1.38 |

| | | | |
|-------------|---------|---|-----------|
| 203720_s_at | ERCC1 | excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence) | - 1.54 |
| 203749_s_at | RARA | retinoic acid receptor, alpha | - 1.94 |
| 203782_s_at | POLRMT | polymerase (RNA) mitochondrial (DNA directed) | - 1.83 |
| 203785_s_at | DDX28 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 | - 1.59 |
| 203786_s_at | TPD52L1 | tumor protein D52-like 1 | - 2.04 |
| 203799_at | CD302 | CD302 molecule | - 1.81 |
| 203800_s_at | MRPS14 | mitochondrial ribosomal protein S14 | - 1.89 |

| | | | |
|-------------|--------|--|-----------|
| 203816_at | DGUOK | deoxyguanosine kinase | - 1.63 |
| 203838_s_at | TNK2 | tyrosine kinase, non-receptor, 2 | 1.5 |
| 203897_at | LYRM1 | LYR motif containing 1 | - 2.07 |
| 203964_at | NMI | N-myc (and STAT) interactor | - 1.76 |
| 203970_s_at | PEX3 | peroxisomal biogenesis factor 3 | - 2.23 |
| 203972_s_at | PEX3 | peroxisomal biogenesis factor 3 | - 2.53 |
| 203974_at | HDHD1A | haloacid dehalogenase-like hydrolase domain containing 1A | -1.5 |
| 203976_s_at | CHAF1A | chromatin assembly factor 1, subunit A (p150) | 1.4 |
| 203978_at | NUBP1 | nucleotide binding protein 1 (MinD homolog, E. coli) | - 1.61 |

| | | | |
|-------------|--------|---|-----------|
| 204016_at | LARS2 | leucyl-tRNA synthetase 2, mitochondrial | - 1.49 |
| 204023_at | RFC4 | replication factor C (activator 1) 4, 37kDa | - 1.64 |
| 204025_s_at | PDCD2 | programmed cell death 2 | - 1.77 |
| 204027_s_at | METTL1 | methyltransferase like 1 | - 1.82 |
| 204039_at | CEBPA | CCAAT/enhancer binding protein (C/EBP), alpha | - 2.35 |
| 204082_at | PBX3 | pre-B-cell leukemia homeobox 3 | - 1.69 |
| 204087_s_at | SLC5A6 | solute carrier family 5 (sodium- dependent vitamin transporter), member 6 | - 3.03 |
| 204091_at | PDE6D | phosphodiesterase 6D, cGMP- specific, rod, delta | - 1.45 |
| 204119_s_at | ADK | adenosine kinase | - 2.28 |

| | | | |
|-------------|----------|---|------|
| | | | - |
| 204143_s_at | ENOSF1 | enolase superfamily member 1 | 2.09 |
| 204147_s_at | TFDP1 | transcription factor Dp-1 | 1.26 |
| 204185_x_at | PPID | peptidylprolyl isomerase D (cyclophilin D) | 2.28 |
| 204189_at | RARG | retinoic acid receptor, gamma | 1.41 |
| 204208_at | RNGTT | RNA guanylyltransferase and 5'- phosphatase | 1.27 |
| 204224_s_at | GCH1 | GTP cyclohydrolase 1 (dopa- responsive dystonia) | 2.12 |
| 204238_s_at | C6orf108 | chromosome 6 open reading frame 108 | -2 |
| 204240_s_at | SMC2 | structural maintenance of chromosomes 2 | 1.29 |
| 204244_s_at | DBF4 | DBF4 homolog (<i>S. cerevisiae</i>) | 1.32 |

| | | | |
|-------------|--------|---|------|
| | | | - |
| 204246_s_at | DCTN3 | dynactin 3 (p22) | 1.62 |
| | | | - |
| 204247_s_at | CDK5 | cyclin-dependent kinase 5 | 1.45 |
| | | | |
| 204248_at | GNA11 | guanine nucleotide binding protein (G protein), alpha 11 (Gq class) | 2.21 |
| | | | - |
| 204276_at | TK2 | thymidine kinase 2, mitochondrial | 1.65 |
| | | | |
| 204278_s_at | EBAG9 | estrogen receptor binding site associated, antigen, 9 | 1.79 |
| | | | |
| 204292_x_at | STK11 | serine/threonine kinase 11 | 1.76 |
| | | | |
| 204299_at | FUSIP1 | FUS interacting protein (serine/arginine-rich) 1 | 1.98 |
| | | | |
| 204328_at | TMC6 | transmembrane channel-like 6 | 1.58 |
| | | | |
| 204331_s_at | MRPS12 | mitochondrial ribosomal protein S12 | 2.81 |

| | | | |
|-------------|---------|--|-----------|
| 204344_s_at | SEC23A | Sec23 homolog A (<i>S. cerevisiae</i>) | - 1.94 |
| 204354_at | POT1 | POT1 protection of telomeres 1 homolog (<i>S. pombe</i>) | -1.6 |
| 204355_at | DHX30 | DEAH (Asp-Glu-Ala-His) box polypeptide 30 | -1.8 |
| 204366_s_at | GTF3C2 | general transcription factor IIIC, polypeptide 2, beta 110kDa | - 1.48 |
| 204376_at | VPRBP | Vpr (HIV-1) binding protein | - 1.15 |
| 204390_at | TRIM24 | tripartite motif-containing 24 | 1.55 |
| 204394_at | SLC43A1 | solute carrier family 43, member 1 | - 1.82 |
| 204423_at | MKLN1 | muskelin 1, intracellular mediator containing kelch motifs | - 1.33 |

| | | | |
|-------------|---------|--|-----------|
| 204426_at | TMED2 | transmembrane emp24 domain trafficking protein 2 | - 2.86 |
| 204433_s_at | SPATA2 | spermatogenesis associated 2 | - 1.33 |
| 204442_x_at | LTBP4 | latent transforming growth factor beta binding protein 4 | 1.54 |
| 204473_s_at | ZNF592 | zinc finger protein 592 | - 1.49 |
| 204480_s_at | C9orf16 | chromosome 9 open reading frame 16 | - 1.79 |
| 204486_at | KCNQ1 | potassium voltage-gated channel, KQT-like subfamily, member 1 | 1.74 |
| 204488_at | DOLK | dolichol kinase | - 1.49 |
| 204493_at | BID | BH3 interacting domain death agonist | - 1.87 |

| | | | |
|-------------|----------|--|-----------|
| 204507_s_at | PPP3R1 | protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform | - 1.43 |
| 204535_s_at | REST | RE1-silencing transcription factor | 1.87 |
| 204590_x_at | VPS33A | vacuolar protein sorting 33 homolog A (<i>S. cerevisiae</i>) | - 1.27 |
| 204593_s_at | SMCR7L | Smith-Magenis syndrome chromosome region, candidate 7-like | - 1.72 |
| 204599_s_at | MRPL28 | mitochondrial ribosomal protein L28 | 1.81 |
| 204666_s_at | SIKE | suppressor of IKK epsilon | - 1.13 |
| 204676_at | TMEM186 | transmembrane protein 186 | - 1.44 |
| 204699_s_at | C1orf107 | chromosome 1 open reading frame 107 | - 1.67 |

| | | | |
|-------------|----------|--|------|
| | | chromosome 1 open reading frame | - |
| 204700_x_at | C1orf107 | 107 | 2.67 |
| 204718_at | EPHB6 | EPH receptor B6 | 1.71 |
| | | | - |
| 204725_s_at | NCK1 | NCK adaptor protein 1 | 1.57 |
| 204736_s_at | CSPG4 | chondroitin sulfate proteoglycan 4 | 1.27 |
| | | | - |
| 204744_s_at | IARS | isoleucyl-tRNA synthetase | 1.95 |
| | | | - |
| 204752_x_at | PARP2 | poly (ADP-ribose) polymerase family, member 2 | 1.54 |
| | | | - |
| 204792_s_at | IFT140 | intraflagellar transport 140 homolog (Chlamydomonas) | 1.27 |
| | | | - |
| 204849_at | TCFL5 | transcription factor-like 5 (basic helix-loop-helix) | 1.93 |
| 204854_at | LEPREL2 | leprecan-like 2 | 1.64 |
| | | | - |
| 204866_at | PHF16 | PHD finger protein 16 | 1.67 |

| | | | |
|-------------|----------|--|------|
| | | immature colon carcinoma | - |
| 204868_at | ICT1 | transcript 1 | 1.52 |
| 204877_s_at | TAOK2 | TAO kinase 2 | 1.3 |
| 204885_s_at | MSLN | mesothelin | 1.49 |
| 204899_s_at | SAP30 | Sin3A-associated protein, 30kDa | 1.47 |
| | | eukaryotic translation elongation | - |
| 204905_s_at | EEF1E1 | factor 1 epsilon 1 | 2.13 |
| 204922_at | C11orf80 | chromosome 11 open reading frame 80 | 1.44 |
| | | mitogen-activated protein kinase | |
| 204936_at | MAP4K2 | kinase kinase kinase 2 | 1.28 |
| | | dual-specificity tyrosine-(Y)- phosphorylation regulated kinase | |
| 204954_s_at | DYRK1B | 1B | 1.5 |
| | | origin recognition complex, subunit | - |
| 204957_at | ORC5L | 5-like (yeast) | 1.77 |

| | | | |
|-------------|----------|--|-----------|
| | | trafficking protein particle complex | - |
| 204985_s_at | TRAPPC6A | 6A | 1.31 |
| 205028_at | TRO | trophinin | 1.41 |
| | | | |
| 205035_at | CTDP1 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 | - 1.41 |
| | | | |
| 205050_s_at | MAPK8IP2 | mitogen-activated protein kinase 8 interacting protein 2 | 1.82 |
| | | | |
| 205053_at | PRIM1 | primase, DNA, polypeptide 1 (49kDa) | - 1.23 |
| 205058_at | IDUA | iduronidase, alpha-L- | 1.7 |
| | | | |
| 205140_at | FPGT | fucose-1-phosphate guanylyltransferase | - 1.67 |
| | | | |
| 205142_x_at | ABCD1 | ATP-binding cassette, sub-family D (ALD), member 1 | - 1.45 |
| 205168_at | DDR2 | discoidin domain receptor family, | 1.75 |

| | | | |
|-------------|----------|--|-----------|
| | | member 2 | |
| 205170_at | STAT2 | signal transducer and activator of transcription 2, 113kDa | -1.3 |
| 205183_at | HNRPD | heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa) | 1.53 |
| 205235_s_at | MPHOSPH1 | M-phase phosphoprotein 1 | - 1.18 |
| 205241_at | SCO2 | SCO cytochrome oxidase deficient homolog 2 (yeast) | -1.7 |
| 205264_at | CD3EAP | CD3e molecule, epsilon associated protein | - 1.37 |
| 205275_at | GTPBP1 | GTP binding protein 1 | 1.32 |
| 205276_s_at | GTPBP1 | GTP binding protein 1 | 1.47 |

| | | | |
|-------------|--------|--|-----------|
| 205285_s_at | FYB | FYN binding protein (FYB-120/130) | 1.53 |
| 205305_at | FGL1 | fibrinogen-like 1 | - 1.59 |
| 205324_s_at | FTSJ1 | FtsJ homolog 1 (E. coli) | - 2.86 |
| 205332_at | RCE1 | RCE1 homolog, prenyl protein peptidase (S. cerevisiae) | 1.37 |
| 205335_s_at | SRP19 | signal recognition particle 19kDa | - 2.25 |
| 205409_at | FOSL2 | FOS-like antigen 2 | 1.57 |
| 205410_s_at | ATP2B4 | ATPase, Ca ⁺⁺ transporting, plasma membrane 4 | - 1.23 |
| 205439_at | GSTT2 | glutathione S-transferase theta 2 | - 1.75 |
| 205462_s_at | HPCAL1 | hippocalcin-like 1 | - 1.47 |

| | | | |
|-------------|----------|--|-----------|
| 205537_s_at | VAV2 | vav 2 guanine nucleotide exchange factor | 1.96 |
| 205546_s_at | TYK2 | tyrosine kinase 2 | -1.5 |
| 205586_x_at | VGF | VGF nerve growth factor inducible | 1.35 |
| 205588_s_at | FGFR1OP | FGFR1 oncogene partner | - 1.43 |
| 205607_s_at | SCYL3 | SCY1-like 3 (<i>S. cerevisiae</i>) | - 1.52 |
| 205608_s_at | ANGPT1 | angiopoietin 1 | 1.59 |
| 205609_at | ANGPT1 | angiopoietin 1 | 1.73 |
| 205621_at | ALKBH1 | alkB, alkylation repair homolog 1 (<i>E. coli</i>) | - 1.34 |
| 205693_at | TNNT3 | troponin T type 3 (skeletal, fast) | 1.43 |
| 205704_s_at | ATP6V0A2 | ATPase, H ⁺ transporting, lysosomal V0 subunit a2 | - 1.46 |

| | | | |
|-------------|---------|--|-----------|
| 205706_s_at | ANKRD26 | ankyrin repeat domain 26 | 1.21 |
| 205707_at | IL17RA | interleukin 17 receptor A | - 1.72 |
| 205717_x_at | PCDHGC3 | protocadherin gamma subfamily C, 3 | - 1.38 |
| 205734_s_at | AFF3 | AF4/FMR2 family, member 3 | 1.44 |
| 205740_s_at | RBM42 | RNA binding motif protein 42 | - 1.46 |
| 205756_s_at | F8 | coagulation factor VIII, procoagulant component (hemophilia A) | - 1.97 |
| 205766_at | TCAP | titin-cap (telethonin) | 1.88 |
| 205770_at | GSR | glutathione reductase | - 1.78 |
| 205781_at | C16orf7 | chromosome 16 open reading frame 7 | 1.5 |
| 205824_at | HSPB2 | heat shock 27kDa protein 2 | 1.41 |

| | | | |
|-------------|---------|--|-----------|
| 205852_at | CDK5R2 | cyclin-dependent kinase 5, regulatory subunit 2 (p39) | 1.75 |
| 205855_at | ZNF197 | zinc finger protein 197 | 1.24 |
| 205914_s_at | GRIN1 | glutamate receptor, ionotropic, N- methyl D-aspartate 1 | 2.25 |
| 205919_at | HBE1 | hemoglobin, epsilon 1 | 1.37 |
| 205926_at | IL27RA | interleukin 27 receptor, alpha | 1.31 |
| 205963_s_at | DNAJA3 | DnaJ (Hsp40) homolog, subfamily A, member 3 | - 1.79 |
| 206075_s_at | CSNK2A1 | casein kinase 2, alpha 1 polypeptide | - 1.43 |
| 206083_at | BAI1 | brain-specific angiogenesis inhibitor 1 | 1.45 |
| 206095_s_at | FUSIP1 | FUS interacting protein (serine/arginine-rich) 1 | - 1.92 |

| | | | |
|-------------|----------|---|-----------|
| 206103_at | RAC3 | ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3) | 1.48 |
| 206128_at | ADRA2C | adrenergic, alpha-2C-, receptor | 1.9 |
| 206136_at | FZD5 | frizzled homolog 5 (Drosophila) | 1.56 |
| 206147_x_at | SCML2 | sex comb on midleg-like 2 (Drosophila) | - 1.51 |
| 206169_x_at | ZC3H7B | zinc finger CCCH-type containing 7B | 2.24 |
| 206205_at | MPHOSPH9 | M-phase phosphoprotein 9 | - 1.66 |
| 206208_at | CA4 | carbonic anhydrase IV | 1.6 |
| 206209_s_at | CA4 | carbonic anhydrase IV | 1.48 |
| 206238_s_at | YAF2 | YY1 associated factor 2 | - 1.33 |

| | | | |
|-------------|--------|--|-----------|
| 206246_at | PFKFB4 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 | 1.33 |
| 206284_x_at | CLTB | clathrin, light chain (Lcb) | -1.5 |
| 206302_s_at | NUDT4 | nudix (nucleoside diphosphate linked moiety X)-type motif 4 | - 2.08 |
| 206315_at | CRLF1 | cytokine receptor-like factor 1 | 1.57 |
| 206333_at | MSI1 | musashi homolog 1 (Drosophila) | 1.49 |
| 206338_at | ELAVL3 | ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C) | 2.18 |
| 206340_at | NR1H4 | nuclear receptor subfamily 1, group H, member 4 | - 2.35 |

| | | | |
|-------------|---------|---|-----------|
| 206347_at | PDK3 | pyruvate dehydrogenase kinase, isozyme 3 | - 1.23 |
| 206348_s_at | PDK3 | pyruvate dehydrogenase kinase, isozyme 3 | - 1.25 |
| 206390_x_at | PF4 | platelet factor 4 (chemokine (C-X-C motif) ligand 4) | - 1.29 |
| 206397_x_at | GDF1 | growth differentiation factor 1 | 1.38 |
| 206399_x_at | CACNA1A | calcium channel, voltage- dependent, P/Q type, alpha 1A subunit | 2.53 |
| 206431_x_at | TBC1D9B | TBC1 domain family, member 9B (with GRAM domain) | - 1.35 |
| 206491_s_at | NAPA | N-ethylmaleimide-sensitive factor attachment protein, alpha | - 2.59 |

| | | | |
|-------------|--------|---|-----------|
| 206512_at | ZRSR1 | zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 1 | 1.3 |
| 206564_at | OPRL1 | opiate receptor-like 1 | 1.42 |
| 206568_at | TNP1 | transition protein 1 (during histone to protamine replacement) | 1.31 |
| 206621_s_at | EIF4H | eukaryotic translation initiation factor 4H | - 1.41 |
| 206650_at | IQCC | IQ motif containing C | 1.74 |
| 206655_s_at | GP1BB | glycoprotein Ib (platelet), beta polypeptide | 1.52 |
| 206662_at | GLRX | glutaredoxin (thioltransferase) | - 1.65 |
| 206665_s_at | BCL2L1 | BCL2-like 1 | 1.54 |
| 206672_at | AQP2 | aquaporin 2 (collecting duct) | 1.41 |

| | | | |
|-------------|--------|---|-----------|
| 206689_x_at | HTATIP | HIV-1 Tat interacting protein, 60kDa | - 1.46 |
| 206699_x_at | NPAS1 | neuronal PAS domain protein 1 | 1.44 |
| 206746_at | BFSP1 | beaded filament structural protein 1, filensin | 1.43 |
| 206760_s_at | FCER2 | Fc fragment of IgE, low affinity II, receptor for (CD23) | 1.27 |
| 206761_at | CD96 | CD96 molecule | 1.26 |
| 206769_at | TMSB4Y | thymosin, beta 4, Y-linked | 1.31 |
| 206781_at | DNAJC4 | DnaJ (Hsp40) homolog, subfamily C, member 4 | 2 |
| 206815_at | SPAG8 | sperm associated antigen 8 | 1.98 |
| 206816_s_at | SPAG8 | sperm associated antigen 8 | 1.68 |
| 206833_s_at | ACYP2 | acylphosphatase 2, muscle type | - 1.87 |

| | | | |
|-------------|---------|--|-----------|
| | | | - |
| 206861_s_at | CGGBP1 | CGG triplet repeat binding protein 1 | 1.81 |
| 206897_at | PAGE1 | P antigen family, member 1 (prostate associated) | 1.32 |
| 206902_s_at | ENDOGL1 | endonuclease G-like 1 | 1.25 |
| 206903_at | | NA | 1.28 |
| 206980_s_at | FLT3LG | fms-related tyrosine kinase 3 ligand | 1.33 |
| 206986_at | FGF18 | fibroblast growth factor 18 | 1.44 |
| 207004_at | BCL2 | B-cell CLL/lymphoma 2 | 1.58 |
| 207023_x_at | KRT10 | keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris) | - 2.21 |
| 207026_s_at | ATP2B3 | ATPase, Ca ⁺⁺ transporting, plasma membrane 3 | -1.3 |

| | | | |
|-------------|----------|---|-----------|
| 207038_at | SLC16A6 | solute carrier family 16, member 6 (monocarboxylic acid transporter 7) | 1.35 |
| 207081_s_at | PI4KA | phosphatidylinositol 4-kinase, catalytic, alpha | - 1.69 |
| 207088_s_at | SLC25A11 | solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 | - 1.99 |
| 207163_s_at | AKT1 | v-akt murine thymoma viral oncogene homolog 1 | - 1.73 |
| 207259_at | C17orf73 | chromosome 17 open reading frame 73 | 1.22 |
| 207289_at | MMP25 | matrix metalloproteinase 25 | 1.52 |

| | | | |
|-------------|--------|--|-----------|
| 207321_s_at | ABCB9 | ATP-binding cassette, sub-family B (MDR/TAP), member 9 | 1.3 |
| 207323_s_at | MBP | myelin basic protein | 1.54 |
| 207337_at | CTAG2 | cancer/testis antigen 2 | 1.51 |
| 207350_s_at | VAMP4 | vesicle-associated membrane protein 4 | - 1.26 |
| 207352_s_at | GABRB2 | gamma-aminobutyric acid (GABA) A receptor, beta 2 | 1.3 |
| 207363_at | RS1 | retinoschisis (X-linked, juvenile) 1 | 1.18 |
| 207396_s_at | ALG3 | asparagine-linked glycosylation 3 homolog (<i>S. cerevisiae</i> , alpha-1,3- mannosyltransferase) | - 2.08 |
| 207438_s_at | SNUPN | snurportin 1 | - 1.62 |

| | | | |
|-------------|-----------|--|-----------|
| 207439_s_at | SLC35A2 | solute carrier family 35 (UDP-galactose transporter), member A2 | - 1.52 |
| 207451_at | NKX2-8 | NK2 homeobox 8 | 1.75 |
| 207476_at | ITSN2 | intersectin 2 | 1.52 |
| 207503_at | TCP10 | t-complex 10 (mouse) | 1.36 |
| 207511_s_at | C2orf24 | chromosome 2 open reading frame 24 | 1.52 |
| 207514_s_at | GNAT1 | guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1 | 1.14 |
| 207517_at | LAMC2 | laminin, gamma 2 | 1.33 |
| 207555_s_at | TBXA2R | thromboxane A2 receptor | 1.89 |
| 207576_x_at | OXT | oxytocin, prepro- (neurophysin I) | 1.96 |
| 207611_at | HIST1H2BL | histone cluster 1, H2bl | - 1.16 |

| | | | |
|-------------|----------|--|------|
| 207618_s_at | BCS1L | BCS1-like (yeast) | -1.4 |
| 207627_s_at | TFCP2 | transcription factor CP2 | 1.39 |
| 207640_x_at | NTN2L | netrin 2-like (chicken) | 1.48 |
| 207643_s_at | TNFRSF1A | tumor necrosis factor receptor superfamily, member 1A | -1.6 |
| 207673_at | NPHS1 | nephrosis 1, congenital, Finnish type (nephrin) | 1.26 |
| 207707_s_at | SEC13 | SEC13 homolog (<i>S. cerevisiae</i>) | 1.73 |

| | | | |
|-------------|--------|---|-----------|
| 207734_at | LAX1 | lymphocyte transmembrane adaptor 1 | 1.24 |
| 207758_at | PPM1F | protein phosphatase 1F (PP2C domain containing) | 2.09 |
| 207764_s_at | HIPK3 | homeodomain interacting protein kinase 3 | - 1.25 |
| 207798_s_at | ATXN2L | ataxin 2-like | 1.44 |
| 207801_s_at | RNF10 | ring finger protein 10 | - 1.57 |
| 207804_s_at | FCN2 | ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin) | - 3.58 |
| 207805_s_at | PSMD9 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 9 | - 1.55 |

| | | | |
|-------------|---------|---|-----------|
| 207824_s_at | MAZ | MYC-associated zinc finger protein (purine-binding transcription factor) | - 1.27 |
| 207832_at | BAIAP2 | BAI1-associated protein 2 | 1.47 |
| 207891_s_at | UCHL5IP | UCHL5 interacting protein | - 1.18 |
| 207914_x_at | EVX1 | even-skipped homeobox 1 | 3.03 |
| 207927_at | HTR7 | 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase- coupled) | 1.48 |
| 207930_at | LCN1 | lipocalin 1 (tear prealbumin) | 1.46 |
| 207949_s_at | ICA1 | islet cell autoantigen 1, 69kDa | 1.57 |
| 207959_s_at | DNAH9 | dynein, axonemal, heavy chain 9 | 1.49 |
| 207972_at | GLRA1 | glycine receptor, alpha 1 (startle disease/hyperekplexia) | 1.25 |

| | | | |
|-------------|---------|--|-----------|
| 208037_s_at | MADCAM1 | mucosal vascular addressin cell adhesion molecule 1 | 1.51 |
| 208074_s_at | AP2S1 | adaptor-related protein complex 2, sigma 1 subunit | - 1.54 |
| 208090_s_at | AIRE | autoimmune regulator | 1.49 |
| 208101_s_at | URM1 | ubiquitin related modifier 1 homolog (<i>S. cerevisiae</i>) | - 1.31 |
| 208102_s_at | PSD | pleckstrin and Sec7 domain containing | 1.35 |
| 208111_at | AVPR2 | arginine vasopressin receptor 2 (nephrogenic diabetes insipidus) | 1.92 |
| 208135_at | TCF2 | transcription factor 2, hepatic; LF- B3; variant hepatic nuclear factor | 1.43 |

| | | | |
|-------------|---------|--|-----------|
| | | deoxyhypusine | |
| 208141_s_at | DOHH | hydroxylase/monooxygenase | 2.14 |
| 208201_at | DUX4 | double homeobox, 4 | 1.47 |
| 208208_at | MYH13 | myosin, heavy chain 13, skeletal muscle | 1.55 |
| 208232_x_at | NRG1 | neuregulin 1 | 1.87 |
| 208242_at | RAX | retina and anterior neural fold homeobox | - 1.38 |
| 208258_s_at | GAS2L1 | growth arrest-specific 2 like 1 | 1.89 |
| 208264_s_at | EIF3J | eukaryotic translation initiation factor 3, subunit J | - 2.64 |
| 208269_s_at | ADAM28 | ADAM metallopeptidase domain 28 | 1.59 |
| 208299_at | CACNA1I | calcium channel, voltage-dependent, T type, alpha 1I subunit | 1.41 |
| 208308_s_at | GPI | glucose phosphate isomerase | - 1.94 |

| | | | |
|-------------|---------|--|-----------|
| 208310_s_at | FSTL1 | follistatin-like 1 | -1.9 |
| 208316_s_at | OCRL | oculocerebrorenal syndrome of Lowe | - 1.34 |
| 208336_s_at | GPSN2 | glycoprotein, synaptic 2 | - 1.94 |
| 208351_s_at | MAPK1 | mitogen-activated protein kinase 1 | - 1.29 |
| 208371_s_at | RING1 | ring finger protein 1 | - 1.51 |
| 208381_s_at | SGPL1 | sphingosine-1-phosphate lyase 1 | - 1.21 |
| 208393_s_at | RAD50 | RAD50 homolog (<i>S. cerevisiae</i>) | -1.7 |
| 208451_s_at | C4A | complement component 4A (Rodgers blood group) | - 1.94 |
| 208453_s_at | XPNPEP1 | X-prolyl aminopeptidase (aminopeptidase P) 1, soluble | - 1.59 |

| | | | |
|-------------|--------|---|-----------|
| 208456_s_at | RRAS2 | related RAS viral (r-ras) oncogene homolog 2 | - 1.53 |
| 208550_x_at | KCNG2 | potassium voltage-gated channel, subfamily G, member 2 | 1.82 |
| 208552_at | GRIK4 | glutamate receptor, ionotropic, kainate 4 | 1.29 |
| 208554_at | POU4F3 | POU class 4 homeobox 3 | 1.27 |
| 208584_at | SNCG | synuclein, gamma (breast cancer- specific protein 1) | 1.81 |
| 208612_at | PDIA3 | protein disulfide isomerase family A, member 3 | - 2.03 |
| 208619_at | DDB1 | damage-specific DNA binding protein 1, 127kDa | - 1.56 |
| 208620_at | PCBP1 | poly(rC) binding protein 1 | - 1.69 |

| | | | |
|-------------|--------|--|-----------|
| 208675_s_at | DDOST | dolichyl-diphosphooligosaccharide-protein glycosyltransferase | - 2.19 |
| 208699_x_at | TKT | transketolase (Wernicke-Korsakoff syndrome) | -2.4 |
| 208709_s_at | NRD1 | nardilysin (N-arginine dibasic convertase) | - 1.63 |
| 208724_s_at | RAB1A | RAB1A, member RAS oncogene family | - 1.84 |
| 208730_x_at | RAB2A | RAB2A, member RAS oncogene family | 1.68 |
| 208731_at | RAB2A | RAB2A, member RAS oncogene family | -1.7 |
| 208777_s_at | PSMD11 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 | - 1.74 |
| 208787_at | MRPL3 | mitochondrial ribosomal protein L3 | -2 |

| | | | |
|-------------|---------|---|------|
| | | | - |
| 208801_at | SRP72 | signal recognition particle 72kDa | 1.97 |
| | | | - |
| 208802_at | SRP72 | signal recognition particle 72kDa | 2.13 |
| | | | - |
| 208814_at | HSPA4 | heat shock 70kDa protein 4 | -1.7 |
| | | | - |
| 208824_x_at | PCTK1 | PCTAIRE protein kinase 1 | 1.47 |
| | | | - |
| 208842_s_at | GORASP2 | golgi reassembly stacking protein 2, 55kDa | 1.93 |
| | | | - |
| 208843_s_at | GORASP2 | golgi reassembly stacking protein 2, 55kDa | 2.03 |
| | | | - |
| 208851_s_at | THY1 | Thy-1 cell surface antigen | 2.22 |
| | | | - |
| 208852_s_at | CANX | calnexin | 1.99 |
| | | | - |
| 208857_s_at | PCMT1 | protein-L-isoaspartate (D-aspartate) O-methyltransferase | 2.43 |
| | | | - |
| 208872_s_at | REEP5 | receptor accessory protein 5 | 1.94 |
| | | | - |
| 208902_s_at | RPS28 | ribosomal protein S28 | 1.28 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 208907_s_at | MRPS18B | mitochondrial ribosomal protein S18B | - 1.93 |
| 208926_at | NEU1 | sialidase 1 (lysosomal sialidase) | -2 |
| 208932_at | PPP4C | protein phosphatase 4 (formerly X), catalytic subunit | - 1.58 |
| 208939_at | SEPHS1 | selenophosphate synthetase 1 | - 1.52 |
| 208941_s_at | SEPHS1 | selenophosphate synthetase 1 | - 1.67 |
| 208947_s_at | UPF1 | UPF1 regulator of nonsense transcripts homolog (yeast) | - 1.41 |
| 208952_s_at | LARP5 | La ribonucleoprotein domain family, member 5 | - 1.41 |

| | | | |
|-------------|---------|---|-----------|
| 208959_s_at | TXNDC4 | thioredoxin domain containing 4 (endoplasmic reticulum) | - 2.05 |
| 208967_s_at | AK2 | adenylate kinase 2 | - 1.47 |
| 208985_s_at | EIF3J | eukaryotic translation initiation factor 3, subunit J | - 2.83 |
| 208996_s_at | POLR2C | polymerase (RNA) II (DNA directed) polypeptide C, 33kDa | - 1.68 |
| 209025_s_at | SYNCRIP | synaptotagmin binding, cytoplasmic RNA interacting protein | - 2.04 |
| 209029_at | COPS7A | COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) | - 1.44 |
| 209038_s_at | EHD1 | EH-domain containing 1 | 1.31 |

| | | | |
|-------------|--------|--|-----------|
| 209065_at | UQCRB | ubiquinol-cytochrome c reductase binding protein | - 1.82 |
| 209080_x_at | GLRX3 | glutaredoxin 3 | - 1.98 |
| 209097_s_at | JAG1 | jagged 1 (Alagille syndrome) | 1.17 |
| 209104_s_at | NOLA2 | nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs) | - 2.05 |
| 209124_at | MYD88 | myeloid differentiation primary response gene (88) | - 1.99 |
| 209141_at | UBE2G1 | ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast) | - 1.81 |
| 209142_s_at | UBE2G1 | ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast) | - 2.16 |

| | | | |
|-------------|---------|---|-----------|
| 209149_s_at | TM9SF1 | transmembrane 9 superfamily member 1 | -2.4 |
| 209150_s_at | TM9SF1 | transmembrane 9 superfamily member 1 | - 1.83 |
| 209160_at | AKR1C3 | aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II) | - 2.39 |
| 209175_at | SEC23IP | SEC23 interacting protein | - 1.83 |
| 209192_x_at | HTATIP | HIV-1 Tat interacting protein, 60kDa | - 1.42 |
| 209206_at | SEC22B | SEC22 vesicle trafficking protein homolog B (<i>S. cerevisiae</i>) | - 2.31 |
| 209208_at | MPDU1 | mannose-P-dolichol utilization defect 1 | - 1.94 |
| 209215_at | TETRAN | tetracycline transporter-like protein | 1.48 |

| | | | |
|-------------|--------|---|-----------|
| | | | - |
| 209217_s_at | WDR45 | WD repeat domain 45 | 1.95 |
| 209247_s_at | ABCF2 | ATP-binding cassette, sub-family F (GCN20), member 2 | - 1.54 |
| 209262_s_at | NR2F6 | nuclear receptor subfamily 2, group F, member 6 | -1.9 |
| 209275_s_at | CLN3 | ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-Vogt disease) | - 1.69 |
| 209276_s_at | GLRX | glutaredoxin (thioltransferase) | - 2.54 |
| 209290_s_at | NFIB | nuclear factor I/B | 1.83 |
| 209302_at | POLR2H | polymerase (RNA) II (DNA directed) polypeptide H | - 1.45 |
| 209316_s_at | HBS1L | HBS1-like (<i>S. cerevisiae</i>) | - 2.32 |
| 209349_at | RAD50 | RAD50 homolog (<i>S. cerevisiae</i>) | - 1.33 |

| | | | |
|-------------|----------|--|-----------|
| 209354_at | TNFRSF14 | tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator) | 1.71 |
| 209384_at | PROSC | proline synthetase co-transcribed homolog (bacterial) | - 2.03 |
| 209404_s_at | TMED7 | transmembrane emp24 protein transport domain containing 7 | - 1.85 |
| 209421_at | MSH2 | mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli) | - 1.42 |
| 209434_s_at | PPAT | phosphoribosyl pyrophosphate amidotransferase | - 1.34 |
| 209439_s_at | PHKA2 | phosphorylase kinase, alpha 2 (liver) | - 1.74 |
| 209445_x_at | C7orf44 | chromosome 7 open reading frame | -1.6 |

| | | | |
|-------------|--------|---|-----------|
| | | 44 | |
| 209461_x_at | WDR18 | WD repeat domain 18 | - 1.74 |
| 209468_at | LRP5 | low density lipoprotein receptor-related protein 5 | -2 |
| 209478_at | STRA13 | stimulated by retinoic acid 13 homolog (mouse) | - 1.71 |
| 209482_at | POP7 | processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae) | - 2.49 |
| 209506_s_at | NR2F1 | nuclear receptor subfamily 2, group F, member 1 | 1.63 |
| 209511_at | POLR2F | polymerase (RNA) II (DNA directed) polypeptide F | -1.6 |

| | | | |
|-------------|---------|---|------|
| | | | - |
| 209535_s_at | | NA | 1.41 |
| 209552_at | PAX8 | paired box 8 | 1.49 |
| | | | - |
| 209565_at | RNF113A | ring finger protein 113A | 1.77 |
| | | | - |
| 209593_s_at | TOR1B | torsin family 1, member B (torsin B) | 1.83 |
| | | | - |
| 209623_at | MCCC2 | methylcrotonoyl-Coenzyme A carboxylase 2 (beta) | 2.39 |
| | | | - |
| 209628_at | NXT2 | nuclear transport factor 2-like export factor 2 | 1.92 |
| | | | - |
| 209629_s_at | NXT2 | nuclear transport factor 2-like export factor 2 | 1.37 |
| | | | - |
| 209630_s_at | FBXW2 | F-box and WD repeat domain containing 2 | 2.01 |
| | | | - |
| 209666_s_at | CHUK | conserved helix-loop-helix ubiquitous kinase | 2.36 |

| | | | |
|-------------|---------|--|------|
| 209694_at | PTS | 6-pyruvoyltetrahydropterin synthase | 1.99 |
| 209707_at | PIGK | phosphatidylinositol glycan anchor biosynthesis, class K | -2 |
| 209710_at | GATA2 | GATA binding protein 2 | 1.36 |
| 209713_s_at | SLC35D1 | solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1 | 1.94 |
| 209724_s_at | ZFP161 | zinc finger protein 161 homolog (mouse) | -1.3 |
| 209744_x_at | ITCH | itchy homolog E3 ubiquitin protein ligase (mouse) | -1.6 |

| | | | |
|-------------|--------|--|-----------|
| 209756_s_at | MYCN | v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) | 1.47 |
| 209767_s_at | 5-Sep | septin 5 | 1.8 |
| 209783_at | DBP | D site of albumin promoter (albumin D-box) binding protein | 2.64 |
| 209853_s_at | PSME3 | proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) | - 1.84 |
| 209855_s_at | KLK2 | kallikrein-related peptidase 2 | 1.64 |
| 209860_s_at | ANXA7 | annexin A7 | - 1.88 |
| 209886_s_at | SMAD6 | SMAD family member 6 | 1.67 |
| 209889_at | SEC31B | SEC31 homolog B (S. cerevisiae) | - 1.45 |

| | | | |
|-------------|---------|---|-----------|
| 209899_s_at | PUF60 | poly-U binding splicing factor 60KDa | - 1.74 |
| 209927_s_at | C1orf77 | chromosome 1 open reading frame 77 | 1.49 |
| 209929_s_at | IKBKG | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma | - 1.79 |
| 210015_s_at | MAP2 | microtubule-associated protein 2 | 1.41 |
| 210089_s_at | LAMA4 | laminin, alpha 4 | 2.02 |
| 210120_s_at | RANBP3 | RAN binding protein 3 | - 1.59 |
| 210126_at | PSG9 | pregnancy specific beta-1- glycoprotein 9 | 1.72 |
| 210128_s_at | LTB4R | leukotriene B4 receptor | 1.43 |
| 210159_s_at | TRIM31 | tripartite motif-containing 31 | 1.29 |

| | | | |
|-------------|--------|---|-----------|
| 210161_at | NFATC1 | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1 | 1.64 |
| 210178_x_at | FUSIP1 | FUS interacting protein (serine/arginine-rich) 1 | - 2.21 |
| 210182_at | CORT | cortistatin | 1.83 |
| 210191_s_at | PHTF1 | putative homeodomain transcription factor 1 | -1.4 |
| 210208_x_at | BAT3 | HLA-B associated transcript 3 | - 1.49 |
| 210216_x_at | RAD1 | RAD1 homolog (S. pombe) | - 1.78 |
| 210223_s_at | MR1 | major histocompatibility complex, class I-related | 1.87 |

| | | | |
|-------------|--------|---|-----------|
| 210226_at | NR4A1 | nuclear receptor subfamily 4, group A, member 1 | 1.51 |
| 210235_s_at | PPFIA1 | protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1 | - 1.36 |
| 210248_at | WNT7A | wingless-type MMTV integration site family, member 7A | 1.26 |
| 210257_x_at | CUL4B | cullin 4B | - 1.34 |
| 210263_at | KCNF1 | potassium voltage-gated channel, subfamily F, member 1 | 1.93 |
| 210266_s_at | TRIM33 | tripartite motif-containing 33 | 1.86 |
| 210297_s_at | MSMB | microseminoprotein, beta- | 1.21 |

| | | | |
|-------------|---------|--|-----------|
| 210312_s_at | IFT20 | intraflagellar transport 20 homolog (Chlamydomonas) | - 1.67 |
| 210315_at | SYN2 | synapsin II | 1.14 |
| 210316_at | FLT4 | fms-related tyrosine kinase 4 | 1.28 |
| 210317_s_at | YWHAE | tyrosine 3- monooxygenase/tryptophan 5- monooxygenase activation protein, epsilon polypeptide | - 2.68 |
| 210318_at | RBP3 | retinol binding protein 3, interstitial | 1.53 |
| 210329_s_at | SGCD | sarcoglycan, delta (35kDa dystrophin-associated glycoprotein) | 1.57 |
| 210367_s_at | PTGES | prostaglandin E synthase | 1.46 |
| 210372_s_at | TPD52L1 | tumor protein D52-like 1 | - 2.34 |

| | | | |
|-------------|--------|--|-----------|
| 210406_s_at | RAB6C | RAB6C, member RAS oncogene family | - 1.79 |
| 210417_s_at | PI4KB | phosphatidylinositol 4-kinase, catalytic, beta | -1.4 |
| 210431_at | ALPPL2 | alkaline phosphatase, placental-like 2 | 1.57 |
| 210456_at | PCYT1B | phosphate cytidyltransferase 1, choline, beta | 1.59 |
| 210459_at | PSMD4 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 | 1.47 |
| 210460_s_at | PSMD4 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 | - 1.57 |
| 210481_s_at | CLEC4M | C-type lectin domain family 4, member M | - 2.32 |

| | | | |
|-------------|--------------|---|-----------|
| 210507_s_at | AVIL | advillin | 1.49 |
| 210560_at | GBX2 | gastrulation brain homeobox 2 | 1.47 |
| 210588_x_at | HNRPH3 | heterogeneous nuclear ribonucleoprotein H3 (2H9) | 1.81 |
| 210594_x_at | MPZL1 | myelin protein zero-like 1 | - 1.28 |
| 210596_at | RP11-217H1.1 | implantation-associated protein | - 1.94 |
| 210623_at | LOC51035 | SAPK substrate protein 1 | 1.39 |
| 210625_s_at | AKAP1 | A kinase (PRKA) anchor protein 1 | - 2.04 |
| 210628_x_at | LTBP4 | latent transforming growth factor beta binding protein 4 | 1.44 |
| 210638_s_at | FBXO9 | F-box protein 9 | - 2.36 |
| 210645_s_at | TTC3 | tetratricopeptide repeat domain 3 | - 1.77 |

| | | | |
|-------------|--------|--|-----------|
| 210678_s_at | AGPAT2 | 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta) | - 1.58 |
| 210705_s_at | TRIM5 | tripartite motif-containing 5 | - 2.14 |
| 210716_s_at | CLIP1 | CAP-GLY domain containing linker protein 1 | - 1.73 |
| 210719_s_at | HMG20B | high-mobility group 20B | -2.1 |
| 210759_s_at | PSMA1 | proteasome (prosome, macropain) subunit, alpha type, 1 | - 1.76 |
| 210767_at | NF2 | neurofibromin 2 (bilateral acoustic neuroma) | 1.6 |
| 210769_at | CNGB1 | cyclic nucleotide gated channel beta 1 | 1.47 |

| | | | |
|-------------|---------|---|-----------|
| 210782_x_at | GRIN1 | glutamate receptor, ionotropic, N-methyl D-aspartate 1 | 1.48 |
| 210798_x_at | MASP2 | mannan-binding lectin serine peptidase 2 | - 2.58 |
| 210859_x_at | CLN3 | ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeyer-Vogt disease) | - 1.67 |
| 210867_at | CNOT4 | CCR4-NOT transcription complex, subunit 4 | 1.85 |
| 210927_x_at | JTB | jumping translocation breakpoint | -1.7 |
| 210932_s_at | RNF6 | ring finger protein (C3H2C3 type) 6 | 1.21 |
| 210983_s_at | MCM7 | minichromosome maintenance complex component 7 | - 1.31 |
| 211004_s_at | ALDH3B1 | aldehyde dehydrogenase 3 family, member B1 | 1.61 |

| | | | |
|-------------|--------|--|-----------|
| 211020_at | GCNT2 | glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group) | - 1.21 |
| 211021_s_at | RGS14 | regulator of G-protein signaling 14 | 1.85 |
| 211036_x_at | ANAPC5 | anaphase promoting complex subunit 5 | - 1.49 |
| 211040_x_at | GTSE1 | G-2 and S-phase expressed 1 | 1.56 |
| 211042_x_at | MCAM | melanoma cell adhesion molecule | - 1.66 |
| 211045_s_at | KCNH6 | potassium voltage-gated channel, subfamily H (eag-related), member 6 | 1.44 |
| 211094_s_at | NF1 | neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease) | - 1.26 |
| 211096_at | PBX2 | pre-B-cell leukemia homeobox 2 | 1.51 |

| | | | |
|-------------|---------|--|------|
| | | | |
| 211112_at | SLC12A4 | solute carrier family 12 (potassium/chloride transporters), member 4 | 1.61 |
| 211147_s_at | P2RXL1 | purinergic receptor P2X-like 1, orphan receptor | 1.4 |
| 211222_s_at | HAP1 | huntingtin-associated protein 1 (neuroan 1) | 1.44 |
| 211239_s_at | ADAM7 | ADAM metallopeptidase domain 7 | 1.11 |
| 211263_s_at | PCSK6 | proprotein convertase subtilisin/kexin type 6 | 1.42 |
| 211274_at | TBX1 | T-box 1 | 1.4 |
| 211280_s_at | NRF1 | nuclear respiratory factor 1 | 1.22 |
| 211300_s_at | TP53 | tumor protein p53 (Li-Fraumeni syndrome) | -1.2 |

| | | | |
|-------------|---------|--|-----------|
| 211306_s_at | FCAR | Fc fragment of IgA, receptor for | 1.24 |
| 211313_s_at | BAZ1B | bromodomain adjacent to zinc finger domain, 1B | 1.44 |
| 211315_s_at | CACNA1G | calcium channel, voltage- dependent, T type, alpha 1G subunit | 1.33 |
| 211319_at | | NA | 1.28 |
| 211337_s_at | 76P | gamma tubulin ring complex protein (76p gene) | - 1.45 |
| 211358_s_at | CIZ1 | CDKN1A interacting zinc finger protein 1 | 1.75 |
| 211451_s_at | KCNJ4 | potassium inwardly-rectifying channel, subfamily J, member 4 | 1.27 |
| 211459_at | | NA | 1.11 |
| 211499_s_at | MAPK11 | mitogen-activated protein kinase 11 | - 1.24 |

| | | | |
|-------------|---------|---|-----------|
| 211518_s_at | BMP4 | bone morphogenetic protein 4 | -1.4 |
| 211546_x_at | SNCA | synuclein, alpha (non A4 component of amyloid precursor) | 1.48 |
| 211563_s_at | C19orf2 | chromosome 19 open reading frame 2 | - 1.39 |
| 211575_s_at | UBE3A | ubiquitin protein ligase E3A (human papilloma virus E6-associated protein, Angelman syndrome) | - 1.35 |
| 211592_s_at | CACNA1C | calcium channel, voltage-dependent, L type, alpha 1C subunit | 1.15 |
| 211595_s_at | MRPS11 | mitochondrial ribosomal protein S11 | - 1.51 |

| | | | |
|-------------|---------|--|-----------|
| 211596_s_at | LRIG1 | leucine-rich repeats and immunoglobulin-like domains 1 | - 2.37 |
| 211612_s_at | IL13RA1 | interleukin 13 receptor, alpha 1 | - 2.47 |
| 211617_at | ALDOAP2 | aldolase A, fructose-bisphosphate pseudogene 2 | 1.53 |
| 211619_s_at | ALPP | alkaline phosphatase, placental (Regan isozyme) | 1.75 |
| 211693_at | IGHA1 | immunoglobulin heavy constant alpha 1 | 1.98 |
| 211705_s_at | SORBS1 | sorbin and SH3 domain containing 1 | 1.62 |
| 211714_x_at | TUBB | tubulin, beta | - 1.71 |
| 211725_s_at | BID | BH3 interacting domain death agonist | - 1.66 |

| | | | |
|-------------|---------|---|-----------|
| 211726_s_at | FMO2 | flavin containing monooxygenase 2 (non-functional) | 2.75 |
| 211746_x_at | PSMA1 | proteasome (prosome, macropain) subunit, alpha type, 1 | -1.5 |
| 211760_s_at | VAMP4 | vesicle-associated membrane protein 4 | - 1.41 |
| 211771_s_at | POU2F2 | POU class 2 homeobox 2 | 1.96 |
| 211779_x_at | AP2A2 | adaptor-related protein complex 2, alpha 2 subunit | - 1.53 |
| 211797_s_at | NFYC | nuclear transcription factor Y, gamma | - 1.37 |
| 211845_at | PVRL1 | poliovirus receptor-related 1 (herpesvirus entry mediator C) | 1.42 |
| 211873_s_at | PCDHGA9 | protocadherin gamma subfamily A, 9 | -1.3 |

| | | | |
|-------------|---------|--|-----------|
| 211889_x_at | CEACAM1 | carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) | - 1.42 |
| 211898_s_at | EPHB1 | EPH receptor B1 | - 1.24 |
| 211903_s_at | MPL | myeloproliferative leukemia virus oncogene | 1.36 |
| 211904_x_at | RAD52 | RAD52 homolog (<i>S. cerevisiae</i>) | 1.81 |
| 211909_x_at | PTGER3 | prostaglandin E receptor 3 (subtype EP3) | 2.61 |
| 211915_s_at | TUBB4Q | tubulin, beta polypeptide 4, member Q | 1.47 |
| 211953_s_at | RANBP5 | RAN binding protein 5 | - 2.22 |
| 211975_at | ZNF289 | zinc finger protein 289, ID1 regulated | - 1.57 |
| 211982_x_at | XPO6 | exportin 6 | - 1.49 |

| | | | |
|-------------|----------|--|------|
| | | chromosome 1 open reading frame | - |
| 212005_at | C1orf144 | 144 | 1.93 |
| 212008_at | UBXD2 | UBX domain containing 2 | -2.8 |
| | | | - |
| 212056_at | KIAA0182 | KIAA0182 | 1.41 |
| | | | - |
| 212108_at | UBXD8 | UBX domain containing 8 | 1.64 |
| | | | - |
| 212116_at | TRIM27 | tripartite motif-containing 27 | 1.73 |
| | | | - |
| 212129_at | NIPA2 | non imprinted in Prader-Willi/Angelman syndrome 2 | 1.63 |
| | | | - |
| 212133_at | NIPA2 | non imprinted in Prader-Willi/Angelman syndrome 2 | 1.35 |
| | | | - |
| 212159_x_at | AP2A2 | adaptor-related protein complex 2, alpha 2 subunit | 1.53 |
| | | | - |
| 212164_at | TMEM183A | transmembrane protein 183A | 1.53 |
| | | | - |
| 212175_s_at | AK2 | adenylate kinase 2 | - |

| | | | |
|-------------|----------|---|-----------|
| | | | 1.96 |
| 212190_at | SERPINE2 | serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 | 2.34 |
| 212194_s_at | TM9SF4 | transmembrane 9 superfamily protein member 4 | - 1.94 |
| 212203_x_at | IFITM3 | interferon induced transmembrane protein 3 (1-8U) | - 1.88 |
| 212210_at | INTS1 | integrator complex subunit 1 | 1.48 |
| 212211_at | ANKRD17 | ankyrin repeat domain 17 | - 1.75 |
| 212214_at | OPA1 | optic atrophy 1 (autosomal dominant) | -1.9 |
| 212216_at | PREPL | prolyl endopeptidase-like | - 1.79 |

| | | | |
|-------------|--------|--|-----------|
| 212219_at | PSME4 | proteasome (prosome, macropain) activator subunit 4 | -1.6 |
| 212228_s_at | COQ9 | coenzyme Q9 homolog (S. cerevisiae) | - 1.55 |
| 212237_at | ASXL1 | additional sex combs like 1 (Drosophila) | - 1.53 |
| 212255_s_at | ATP2C1 | ATPase, Ca ⁺⁺ transporting, type 2C, member 1 | - 1.62 |
| 212271_at | MAPK1 | mitogen-activated protein kinase 1 | - 1.78 |
| 212279_at | TMEM97 | transmembrane protein 97 | - 2.76 |
| 212285_s_at | AGRN | agrin | 1.71 |
| 212296_at | PSMD14 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 14 | - 2.27 |

| | | | |
|-------------|--------|---|-----------|
| 212302_at | RTF1 | Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) | - 1.34 |
| 212305_s_at | MIA3 | melanoma inhibitory activity family, member 3 | - 2.25 |
| 212309_at | CLASP2 | cytoplasmic linker associated protein 2 | 1.53 |
| 212322_at | SGPL1 | sphingosine-1-phosphate lyase 1 | - 1.79 |
| 212329_at | SCAP | SREBF chaperone | - 1.99 |
| 212333_at | FAM98A | family with sequence similarity 98, member A | - 1.95 |

| | | | |
|-------------|----------|---|-----------|
| 212378_at | GART | phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase | -2 |
| 212381_at | USP24 | ubiquitin specific peptidase 24 | - 1.39 |
| 212396_s_at | KIAA0090 | KIAA0090 | - 1.51 |
| 212398_at | RDX | radixin | - 2.13 |
| 212403_at | UBE3B | ubiquitin protein ligase E3B | - 1.33 |
| 212411_at | IMP4 | IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast) | - 2.24 |
| 212432_at | GRPEL1 | GrpE-like 1, mitochondrial (E. coli) | - 2.16 |

| | | | |
|-----------|----------|---|-----------|
| 212443_at | NBEAL2 | neurobeachin-like 2 | 1.35 |
| 212484_at | FAM89B | family with sequence similarity 89, member B | - 1.25 |
| 212556_at | SCRIB | scribbled homolog (Drosophila) | - 1.74 |
| 212575_at | C19orf6 | chromosome 19 open reading frame 6 | 1.87 |
| 212584_at | AQR | aquarius homolog (mouse) | - 1.53 |
| 212601_at | ZZEF1 | zinc finger, ZZ-type with EF-hand domain 1 | - 1.65 |
| 212622_at | TMEM41B | transmembrane protein 41B | - 2.24 |
| 212633_at | KIAA0776 | KIAA0776 | - 1.93 |
| 212648_at | DHX29 | DEAH (Asp-Glu-Ala-His) box polypeptide 29 | - 1.88 |
| 212655_at | ZCCHC14 | zinc finger, CCHC domain containing 14 | - 2.56 |

| | | | |
|-------------|-----------|--|-----------|
| 212676_at | NF1 | neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease) | - 1.57 |
| 212680_x_at | LOC644879 | hypothetical LOC644879 | - 1.71 |
| 212685_s_at | TBL2 | transducin (beta)-like 2 | - 1.73 |
| 212691_at | NUP188 | nucleoporin 188kDa | - 1.34 |
| 212728_at | DLG3 | discs, large homolog 3 (neuroendocrine-dlg, Drosophila) | - 1.46 |
| 212754_s_at | MON2 | MON2 homolog (<i>S. cerevisiae</i>) | - 1.47 |
| 212757_s_at | CAMK2G | calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma | - 1.41 |

| | | | |
|-------------|----------|--|-----------|
| 212778_at | PACS2 | phosphofurin acidic cluster sorting protein 2 | - 1.32 |
| 212783_at | RBBP6 | retinoblastoma binding protein 6 | 1.44 |
| 212804_s_at | GAPVD1 | GTPase activating protein and VPS9 domains 1 | - 1.33 |
| 212814_at | KIAA0828 | adenosylhomocysteinase 3 | - 1.41 |
| 212825_at | PAXIP1 | PAX interacting (with transcription-activation domain) protein 1 | - 1.49 |
| 212830_at | MEGF9 | multiple EGF-like-domains 9 | - 2.53 |
| 212833_at | SLC25A46 | solute carrier family 25, member 46 | - 2.53 |
| 212851_at | DCUN1D4 | DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae) | -1.4 |

| | | | |
|-----------|---------|--|-----------|
| 212866_at | R3HCC1 | R3H domain and coiled-coil containing 1 | - 1.44 |
| 212881_at | PIAS4 | protein inhibitor of activated STAT, 4 | - 1.51 |
| 212896_at | SKIV2L2 | superkiller viralicidic activity 2-like 2 (<i>S. cerevisiae</i>) | - 1.77 |
| 212897_at | CDC2L6 | cell division cycle 2-like 6 (CDK8-like) | - 1.61 |
| 212900_at | SEC24A | SEC24 related gene family, member A (<i>S. cerevisiae</i>) | - 1.92 |
| 212902_at | SEC24A | SEC24 related gene family, member A (<i>S. cerevisiae</i>) | - 2.51 |
| 212904_at | LRRC47 | leucine rich repeat containing 47 | - 1.66 |

| | | | |
|-------------|----------|--|-----------|
| 212905_at | CSTF2T | cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant | - 1.81 |
| 212908_at | DNAJC16 | DnaJ (Hsp40) homolog, subfamily C, member 16 | -1.8 |
| 212938_at | COL6A1 | collagen, type VI, alpha 1 | 1.45 |
| 212948_at | CAMTA2 | calmodulin binding transcription activator 2 | - 1.41 |
| 212955_s_at | POLR2I | polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa | - 1.95 |
| 212961_x_at | CXorf40B | chromosome X open reading frame 40B | - 1.61 |
| 212964_at | HIC2 | hypermethylated in cancer 2 | -1.3 |
| 212986_s_at | TLK2 | tousled-like kinase 2 | - 1.44 |

| | | | |
|-------------|----------|--|-----------|
| 212987_at | FBXO9 | F-box protein 9 | - 2.05 |
| 212995_x_at | FAM128B | family with sequence similarity 128, member B | -1.4 |
| 213009_s_at | TRIM37 | tripartite motif-containing 37 | - 1.54 |
| 213013_at | MAPK8IP1 | mitogen-activated protein kinase 8 interacting protein 1 | 1.58 |
| 213073_at | ZFYVE26 | zinc finger, FYVE domain containing 26 | - 1.33 |
| 213096_at | TMCC2 | transmembrane and coiled-coil domain family 2 | 1.42 |
| 213098_at | RQCD1 | RCD1 required for cell differentiation1 homolog (S. pombe) | - 1.25 |
| 213100_at | | NA | 1.33 |

| | | | |
|-------------|----------|--|-----------|
| 213113_s_at | SLC43A3 | solute carrier family 43, member 3 | -2.2 |
| 213121_at | SNRP70 | small nuclear ribonucleoprotein 70kDa polypeptide (RNP antigen) | 1.66 |
| 213132_s_at | MCAT | malonyl CoA:ACP acyltransferase (mitochondrial) | - 1.34 |
| 213155_at | WSCD1 | WSC domain containing 1 | 1.44 |
| 213156_at | | NA | 2.39 |
| 213166_x_at | FAM128A | family with sequence similarity 128, member A | - 1.49 |
| 213177_at | MAPK8IP3 | mitogen-activated protein kinase 8 interacting protein 3 | 1.6 |
| 213181_s_at | MOCS1 | molybdenum cofactor synthesis 1 | - 1.48 |
| 213198_at | ACVR1B | activin A receptor, type IB | - 1.58 |

| | | | |
|-------------|----------|--|------|
| 213200_at | SYP | synaptophysin | 1.64 |
| | | | - |
| 213224_s_at | LOC92482 | hypothetical protein LOC92482 | 1.62 |
| | | | - |
| 213287_s_at | KRT10 | keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris) | 2.52 |
| | | | - |
| 213289_at | SATL1 | spermidine/spermine N1-acetyl transferase-like 1 | 2.11 |
| | | | - |
| 213292_s_at | SNX13 | sorting nexin 13 | 1.68 |
| | | | - |
| 213302_at | PFAS | phosphoribosylformylglycinamidine synthase (FGAR amidotransferase) | 1.47 |
| | | | - |
| 213312_at | C6orf162 | chromosome 6 open reading frame 162 | 1.37 |
| | | | - |
| 213315_x_at | CXorf40A | chromosome X open reading frame 40A | 1.86 |
| 213316_at | KIAA1462 | KIAA1462 | 1.27 |

| | | | |
|-------------|----------|--|------|
| | | | - |
| 213318_s_at | BAT3 | HLA-B associated transcript 3 | 1.67 |
| | | | - |
| 213320_at | PRMT3 | protein arginine methyltransferase 3 | 1.66 |
| | | | - |
| 213372_at | PAQR3 | progesterin and adipoQ receptor family member III | 1.46 |
| | | | - |
| 213389_at | ZNF592 | zinc finger protein 592 | 1.34 |
| | | | - |
| 213427_at | RPP40 | ribonuclease P/MRP 40kDa subunit | 1.53 |
| | | | - |
| 213463_s_at | KIAA0974 | KIAA0974 | 1.41 |
| | | | - |
| 213465_s_at | PPP1R7 | protein phosphatase 1, regulatory (inhibitor) subunit 7 | 2.05 |

| | | | |
|-------------|--------|---|-----------|
| 213468_at | ERCC2 | excision repair cross-complementing rodent repair deficiency, complementation group 2 (xeroderma pigmentosum D) | -1.3 |
| 213490_s_at | MAP2K2 | mitogen-activated protein kinase kinase 2 | - 1.51 |
| 213494_s_at | YY1 | YY1 transcription factor | - 1.26 |
| 213500_at | COPB2 | coatamer protein complex, subunit beta 2 (beta prime) | - 1.27 |
| 213521_at | PTPN18 | protein tyrosine phosphatase, non-receptor type 18 (brain-derived) | 1.27 |
| 213525_at | | NA | 1.4 |
| 213527_s_at | ZNF688 | zinc finger protein 688 | - 1.49 |

| | | | |
|-------------|----------|---|-----------|
| 213528_at | C1orf156 | chromosome 1 open reading frame 156 | - 1.67 |
| 213529_at | ZNF688 | zinc finger protein 688 | 2.09 |
| 213548_s_at | CDV3 | CDV3 homolog (mouse) | - 1.58 |
| 213595_s_at | CDC42BPA | CDC42 binding protein kinase alpha (DMPK-like) | 1.32 |
| 213621_s_at | GUK1 | guanylate kinase 1 | 1.3 |
| 213628_at | CLCC1 | chloride channel CLIC-like 1 | - 1.82 |
| 213637_at | | NA | - 1.61 |
| 213638_at | PHACTR1 | phosphatase and actin regulator 1 | 1.35 |
| 213642_at | | NA | - 2.33 |
| 213647_at | DNA2L | DNA2 DNA replication helicase 2- like (yeast) | - 1.26 |
| 213659_at | ZNF75 | zinc finger protein 75 (D8C6) | - |

| | | | |
|-------------|----------|--|-----------|
| | | | 1.35 |
| 213669_at | FCHO1 | FCH domain only 1 | 1.74 |
| 213696_s_at | MED8 | mediator complex subunit 8 | - 1.62 |
| 213708_s_at | MLX | MAX-like protein X | - 1.46 |
| 213711_at | KRT81 | keratin 81 | 1.6 |
| 213715_s_at | ANKRD47 | ankyrin repeat domain 47 | 1.28 |
| 213734_at | RFC5 | replication factor C (activator 1) 5, 36.5kDa | - 3.54 |
| 213741_s_at | KPNA1 | karyopherin alpha 1 (importin alpha 5) | - 1.77 |
| 213755_s_at | SKI | v-ski sarcoma viral oncogene homolog (avian) | 1.56 |
| 213770_at | KSR1 | kinase suppressor of ras 1 | - 1.26 |
| 213815_x_at | C19orf29 | chromosome 19 open reading frame 29 | - 1.26 |

| | | | |
|-------------|---------|---|-----------|
| | | | - |
| 213838_at | NOL7 | nucleolar protein 7, 27kDa | 1.62 |
| 213853_at | DPH4 | DPH4, JJJ3 homolog (<i>S. cerevisiae</i>) | -2.2 |
| 213875_x_at | C6orf62 | chromosome 6 open reading frame 62 | - 1.93 |
| 213878_at | PYROXD1 | pyridine nucleotide-disulphide oxidoreductase domain 1 | - 2.42 |
| 213892_s_at | APRT | adenine phosphoribosyltransferase | - 1.95 |
| 213908_at | WHDC1L1 | WAS protein homology region 2 domain containing 1-like 1 | - 1.53 |
| 213945_s_at | NUP210 | nucleoporin 210kDa | - 1.26 |
| 213949_s_at | DOHH | deoxyhypusine hydroxylase/monooxygenase | - 1.34 |

| | | | |
|-------------|---------|---|------|
| 214002_at | MYL6 | myosin, light chain 6, alkali, smooth muscle and non-muscle | 1.5 |
| 214021_x_at | ITGB5 | integrin, beta 5 | 1.21 |
| 214032_at | ZAP70 | zeta-chain (TCR) associated protein kinase 70kDa | 1.5 |
| 214054_at | DOK2 | docking protein 2, 56kDa | 1.57 |
| 214076_at | GFOD2 | glucose-fructose oxidoreductase domain containing 2 | 1.45 |
| 214122_at | PDLIM7 | PDZ and LIM domain 7 (enigma) | 1.7 |
| 214130_s_at | PDE4DIP | phosphodiesterase 4D interacting protein (myomegalin) | 2.11 |

| | | | |
|-------------|-----------|---|-----------|
| 214134_at | C2orf55 | chromosome 2 open reading frame 55 | 1.23 |
| 214140_at | SLC25A16 | solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16 | - 2.32 |
| 214144_at | POLR2D | polymerase (RNA) II (DNA directed) polypeptide D | - 1.44 |
| 214145_s_at | SPTB | spectrin, beta, erythrocytic (includes spherocytosis, clinical type I) | 1.43 |
| 214151_s_at | CCPG1 | cell cycle progression 1 | - 1.65 |
| 214162_at | LOC284244 | hypothetical protein LOC284244 | - 1.16 |
| 214174_s_at | PDLIM4 | PDZ and LIM domain 4 | 2.17 |
| 214193_s_at | C1orf107 | chromosome 1 open reading frame 107 | - 2.31 |

| | | | |
|-------------|--------------|---|-----------|
| 214205_x_at | GLRX3 | glutaredoxin 3 | -1.7 |
| 214210_at | SLC25A17 | solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 34kDa), member 17 | - 1.29 |
| 214231_s_at | RP11-125A7.3 | KIAA0564 protein | - 1.31 |
| 214237_x_at | PAWR | PRKC, apoptosis, WT1, regulator | 1.59 |
| 214255_at | ATP10A | ATPase, Class V, type 10A | 1.37 |
| 214257_s_at | SEC22B | SEC22 vesicle trafficking protein homolog B (<i>S. cerevisiae</i>) | - 1.99 |
| 214292_at | ITGB4 | integrin, beta 4 | 1.38 |
| 214301_s_at | DPYSL4 | dihydropyrimidinase-like 4 | 1.44 |
| 214303_x_at | MUC5AC | mucin 5AC, oligomeric mucus/gel- forming | 1.5 |

| | | | |
|-------------|---------|--|------|
| 214304_x_at | DMN | desmuslin | 1.47 |
| 214364_at | MTERFD2 | MTERF domain containing 2 | 1.27 |
| 214372_x_at | ERN2 | endoplasmic reticulum to nucleus signaling 2 | 1.5 |
| 214383_x_at | KLHDC3 | kelch domain containing 3 | 1.56 |
| 214385_s_at | MUC5AC | mucin 5AC, oligomeric mucus/gel-forming | 1.35 |
| 214403_x_at | SPDEF | SAM pointed domain containing ets transcription factor | 1.53 |
| 214442_s_at | PIAS2 | protein inhibitor of activated STAT, 2 | 1.44 |
| 214462_at | SOCS6 | suppressor of cytokine signaling 6 | -1.4 |

| | | | |
|-------------|----------|---|-----------|
| 214484_s_at | OPRS1 | opioid receptor, sigma 1 | - 2.11 |
| 214489_at | FSHB | follicle stimulating hormone, beta polypeptide | - 1.25 |
| 214493_s_at | INADL | InaD-like (Drosophila) | 1.64 |
| 214507_s_at | EXOSC2 | exosome component 2 | - 1.47 |
| 214523_at | CEBPE | CCAAT/enhancer binding protein (C/EBP), epsilon | 1.64 |
| 214527_s_at | PQBP1 | polyglutamine binding protein 1 | - 1.65 |
| 214536_at | SLURP1 | secreted LY6/PLAUR domain containing 1 | 1.47 |
| 214541_s_at | QKI | quaking homolog, KH domain RNA binding (mouse) | - 1.17 |
| 214551_s_at | CD7 | CD7 molecule | 1.42 |
| 214562_at | HIST1H4L | histone cluster 1, H4l | 1.32 |

| | | | |
|-------------|----------|--|------|
| 214570_x_at | POM121L1 | POM121 membrane glycoprotein-like 1 (rat) | 1.42 |
| 214594_x_at | ATP8B1 | ATPase, Class I, type 8B, member 1 | 3.41 |
| 214595_at | KCNG1 | potassium voltage-gated channel, subfamily G, member 1 | 1.53 |
| 214699_x_at | WIP12 | WD repeat domain, phosphoinositide interacting 2 | 1.42 |
| 214755_at | UAP1L1 | UDP-N-acetylglucosamine pyrophosphorylase 1-like 1 | 1.19 |
| 214778_at | MEGF8 | multiple EGF-like-domains 8 | 1.35 |
| 214816_x_at | C19orf40 | chromosome 19 open reading frame 40 | 1.59 |
| 214819_at | IQSEC2 | IQ motif and Sec7 domain 2 | 1.53 |

| | | | |
|-------------|-----------|--|------|
| 214831_at | MED28 | mediator complex subunit 28 | -1.3 |
| 214839_at | LOC157627 | hypothetical protein LOC157627 | 1.49 |
| 214871_x_at | | NA | 1.58 |
| 214883_at | THRA | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian) | 1.4 |
| 214893_x_at | HCN2 | hyperpolarization activated cyclic nucleotide-gated potassium channel 2 | 1.67 |
| 214925_s_at | SPTAN1 | spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) | 1.42 |
| 214934_at | ATP9B | ATPase, Class II, type 9B | -1.4 |
| 214935_at | NUP62 | nucleoporin 62kDa | 1.53 |
| 214959_s_at | API5 | apoptosis inhibitor 5 | - |

| | | | |
|-------------|-----------|---|-----------|
| | | | 1.62 |
| 214960_at | API5 | apoptosis inhibitor 5 | 1.49 |
| 214966_at | GRIK5 | glutamate receptor, ionotropic, kainate 5 | 1.38 |
| 214971_s_at | ST6GAL1 | ST6 beta-galactosamide alpha-2,6- sialyltransferase 1 | -3.1 |
| 214990_at | PIGO | phosphatidylinositol glycan anchor biosynthesis, class O | 1.65 |
| 215013_s_at | USP34 | ubiquitin specific peptidase 34 | 1.38 |
| 215030_at | GRSF1 | G-rich RNA sequence binding factor 1 | - 1.38 |
| 215059_at | C4orf31 | chromosome 4 open reading frame 31 | 1.24 |
| 215061_at | LOC399818 | similar to CG9643-PA | 1.5 |
| 215158_s_at | DEDD | death effector domain containing | - 1.36 |

| | | | |
|-------------|----------|--|-----------|
| 215165_x_at | UMPS | uridine monophosphate synthetase (orotate phosphoribosyl transferase and orotidine-5'-decarboxylase) | - 1.53 |
| 215171_s_at | TIMM17A | translocase of inner mitochondrial membrane 17 homolog A (yeast) | - 2.16 |
| 215187_at | FLJ11292 | hypothetical protein FLJ11292 | 1.23 |
| 215205_x_at | NCOR2 | nuclear receptor co-repressor 2 | 1.47 |
| 215243_s_at | GJB3 | gap junction protein, beta 3, 31kDa | 1.33 |
| 215262_at | OXNAD1 | oxidoreductase NAD-binding domain containing 1 | - 1.14 |
| 215265_at | EMX1 | empty spiracles homeobox 1 | 1.38 |

| | | | |
|-------------|---------|--|------|
| 215348_at | ADCY1 | adenylate cyclase 1 (brain) | 1.31 |
| 215354_s_at | PELP1 | proline, glutamic acid and leucine rich protein 1 | 1.82 |
| 215384_s_at | MAP1A | microtubule-associated protein 1A | 1.93 |
| 215410_at | PMS2L2 | postmeiotic segregation increased 2-like 2 | 1.72 |
| 215436_at | HSDL2 | hydroxysteroid dehydrogenase like 2 | -1.5 |
| 215490_at | C1orf69 | chromosome 1 open reading frame 69 | 1.28 |
| 215502_at | | NA | 1.62 |

| | | | |
|-------------|---------|---|------|
| 215527_at | KHDRBS2 | KH domain containing, RNA binding, signal transduction associated 2 | 1.26 |
| 215538_at | LARGE | like-glycosyltransferase | 1.67 |
| 215548_s_at | SCFD1 | sec1 family domain containing 1 | 1.87 |
| 215560_x_at | MTRF1L | mitochondrial translational release factor 1-like | 1.52 |
| 215594_at | | NA | 1.49 |
| 215609_at | STARD7 | StAR-related lipid transfer (START) domain containing 7 | 1.54 |
| 215632_at | NEUROG2 | neurogenin 2 | 1.21 |
| 215677_s_at | BRF1 | BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (<i>S. cerevisiae</i>) | 1.36 |

| | | | |
|-------------|---------|--|-----------|
| 215685_s_at | DLX2 | distal-less homeobox 2 | 1.65 |
| 215718_s_at | PHF3 | PHD finger protein 3 | 1.83 |
| 215744_at | FUS | fusion (involved in t(12;16) in malignant liposarcoma) | 1.21 |
| 215759_at | ANKRD53 | ankyrin repeat domain 53 | 1.75 |
| 215778_x_at | HAB1 | B1 for mucin | 1.81 |
| 215827_x_at | CROCCL2 | ciliary rootlet coiled-coil, rootletin-like 2 | 1.53 |
| 215834_x_at | UBC | ubiquitin C | - |
| 215869_at | ABCA1 | ATP-binding cassette, sub-family A (ABC1), member 1 | 1.46 |
| 215892_at | ZNF440 | zinc finger protein 440 | 1.19 |
| 215923_s_at | PSD4 | pleckstrin and Sec7 domain containing 4 | - 1.71 |

| | | | |
|-------------|----------|---|------|
| 215935_at | FAM75A3 | family with sequence similarity 75, member A3 | 1.22 |
| 215942_s_at | GTSE1 | G-2 and S-phase expressed 1 | 1.42 |
| 215952_s_at | OAZ1 | ornithine decarboxylase antizyme 1 | 1.99 |
| 215972_at | PART1 | prostate androgen-regulated transcript 1 | 1.48 |
| 216019_x_at | PHLDB1 | pleckstrin homology-like domain, family B, member 1 | 1.39 |
| 216023_at | JMJD2B | jumonji domain containing 2B | 1.35 |
| 216137_s_at | MAPK8IP3 | mitogen-activated protein kinase 8 interacting protein 3 | 1.44 |
| 216139_s_at | MAPK8IP3 | mitogen-activated protein kinase 8 interacting protein 3 | 1.34 |
| 216151_at | | NA | 1.1 |

| | | | |
|-------------|----------|---|-----------|
| 216206_x_at | MAP2K7 | mitogen-activated protein kinase kinase 7 | 2.42 |
| 216220_s_at | ADORA1 | adenosine A1 receptor | 1.83 |
| 216234_s_at | PRKACA | protein kinase, cAMP-dependent, catalytic, alpha | - 1.18 |
| 216253_s_at | PARVB | parvin, beta | 1.92 |
| 216266_s_at | ARFGEF1 | ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited) | - 1.56 |
| 216290_x_at | DPP6 | dipeptidyl-peptidase 6 | 1.46 |
| 216294_s_at | KIAA1109 | KIAA1109 | -1.2 |
| 216325_x_at | RTEL1 | regulator of telomere elongation helicase 1 | 1.54 |

| | | | |
|-------------|-----------|---|-----------|
| 216334_s_at | CYP2A7P1 | cytochrome P450, family 2, subfamily A, polypeptide 7 pseudogene 1 | 1.61 |
| 216338_s_at | YIPF3 | Yip1 domain family, member 3 | - 1.58 |
| 216358_at | LOC442233 | similar to SWI/SNF-related matrix- associated actin-dependent regulator of chromatin e1 | 1.89 |
| 216395_at | FBXL18 | F-box and leucine-rich repeat protein 18 | 1.59 |
| 216450_x_at | HSP90B1 | heat shock protein 90kDa beta (Grp94), member 1 | - 2.47 |
| 216521_s_at | BRCC3 | BRCA1/BRCA2-containing complex, subunit 3 | -1.3 |

| | | | |
|-------------|-----------|--|-----------|
| 216559_x_at | LOC120364 | similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-destabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomerase-inhibitor suppressed) | 1.68 |
| 216595_at | FLJ13236 | hypothetical protein FLJ13236 | - 1.26 |
| 216602_s_at | FARSA | phenylalanyl-tRNA synthetase, alpha subunit | - 1.49 |
| 216617_s_at | MAG | myelin associated glycoprotein | 1.6 |
| 216645_at | TCF3 | transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) | 1.4 |

| | | | |
|-------------|-------|--|-----------|
| 216652_s_at | DR1 | down-regulator of transcription 1, TBP-binding (negative cofactor 2) | - 1.68 |
| 216656_at | | NA | 1.46 |
| 216707_at | PCDH9 | protocadherin 9 | 1.46 |
| 216716_at | ABO | ABO blood group (transferase A, alpha 1-3-N- acetylgalactosaminyltransferase; transferase B, alpha 1-3- galactosyltransferase) | 1.38 |
| 216724_at | DCLK2 | doublecortin-like kinase 2 | 1.22 |
| 216747_at | APBB2 | amyloid beta (A4) precursor protein-binding, family B, member 2 (Fe65-like) | 1.71 |
| 216789_at | | NA | 1.85 |
| 216797_at | | NA | 1.2 |

| | | | |
|-------------|----------|--|-----------|
| 216808_at | KRT18P27 | keratin 27 pseudogene 27 | 1.41 |
| 216831_s_at | RUNX1T1 | runt-related transcription factor 1; translocated to, 1 (cyclin D-related) | 1.59 |
| 216835_s_at | DOK1 | docking protein 1, 62kDa (downstream of tyrosine kinase 1) | 1.7 |
| 216837_at | EPHA5 | EPH receptor A5 | - 1.14 |
| 216843_x_at | PMS2L1 | postmeiotic segregation increased 2-like 1 | - 1.54 |
| 216855_s_at | HNRNPU | heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A) | 1.56 |
| 216873_s_at | ATP8B2 | ATPase, Class I, type 8B, member 2 | 1.42 |
| 216875_x_at | HAB1 | B1 for mucin | 1.95 |

| | | | |
|-------------|---------|---|------|
| 216888_at | LDB3 | LIM domain binding 3 | 1.37 |
| 216911_s_at | HIC2 | hypermethylated in cancer 2 | 1.45 |
| 216935_at | C1orf46 | chromosome 1 open reading frame 46 | 1.34 |
| 216975_x_at | NPAS1 | neuronal PAS domain protein 1 | 1.5 |
| 217046_s_at | AGER | advanced glycosylation end product-specific receptor | 1.46 |
| 217054_at | MUC3A | mucin 3A, cell surface associated | 1.58 |
| 217055_x_at | | NA | 1.75 |
| 217062_at | DMPK | dystrophia myotonica-protein kinase | 1.54 |
| 217067_s_at | DMP1 | dentin matrix acidic phosphoprotein | 1.23 |
| 217071_s_at | MTHFR | 5,10-methylenetetrahydrofolate reductase (NADPH) | 1.61 |

| | | | |
|-------------|---------|--|------|
| 217077_s_at | GABBR2 | gamma-aminobutyric acid (GABA) B receptor, 2 | 1.43 |
| 217081_at | OR2H2 | olfactory receptor, family 2, subfamily H, member 2 | 1.3 |
| 217101_at | C1orf34 | chromosome 1 open reading frame 34 | 1.59 |
| 217141_at | BTBD7 | BTB (POZ) domain containing 7 | 1.36 |
| 217163_at | ESR1 | estrogen receptor 1 | 1.22 |
| 217182_at | MUC5AC | mucin 5AC, oligomeric mucus/gel- forming | 1.85 |
| 217190_x_at | ESR1 | estrogen receptor 1 | 2.51 |

| | | | |
|-------------|--------|---|-----------|
| | | src kinase associated | |
| 217217_at | SKAP2 | phosphoprotein 2 | 1.37 |
| 217225_x_at | NOMO2 | NODAL modulator 2 | -1.9 |
| 217264_s_at | SCNN1A | sodium channel, nonvoltage-gated 1 alpha | 1.71 |
| 217278_x_at | SHOX2 | short stature homeobox 2 | 1.44 |
| 217283_at | SHOX2 | short stature homeobox 2 | 1.51 |
| 217314_at | | NA | 1.41 |
| 217322_x_at | | NA | 2.12 |
| 217325_at | KRT3 | keratin 3 | 2.09 |
| 217389_s_at | ATF5 | activating transcription factor 5 | 1.6 |
| 217401_at | | NA | 1.41 |
| 217427_s_at | HIRA | HIR histone cell cycle regulation defective homolog A (<i>S. cerevisiae</i>) | - 2.29 |
| 217446_x_at | | NA | 2.01 |

| | | | |
|-------------|-----------|--|-----------|
| 217461_x_at | BTF3 | basic transcription factor 3 | 1.31 |
| 217462_at | C11orf9 | chromosome 11 open reading frame 9 | 1.32 |
| 217466_x_at | LOC400963 | hypothetical gene supported by AB082925; BC019021; NM_002952 | - 1.28 |
| 217476_at | THRA | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v- erb-a) oncogene homolog, avian) | 1.18 |
| 217481_x_at | FLJ45455 | FLJ45455 protein | - 1.14 |
| 217497_at | ECGF1 | endothelial cell growth factor 1 (platelet-derived) | 1.53 |

| | | | |
|-----------|-----------|--|-----------|
| 217502_at | IFIT2 | interferon-induced protein with tetratricopeptide repeats 2 | - 1.26 |
| 217506_at | LOC400642 | hypothetical gene supported by BC041875; BX648984 | - 1.99 |
| 217510_at | CRX | cone-rod homeobox | 1.47 |
| 217573_at | GRIN2C | glutamate receptor, ionotropic, N- methyl D-aspartate 2C | 1.54 |
| 217592_at | ZSWIM1 | zinc finger, SWIM-type containing 1 | - 1.25 |
| 217596_at | UPF3A | UPF3 regulator of nonsense transcripts homolog A (yeast) | 1.21 |

| | | | |
|-------------|---------|---|-----------|
| 217597_x_at | RAB40B | RAB40B, member RAS oncogene family | 2 |
| 217625_x_at | | NA | - 1.87 |
| 217648_at | RWDD3 | RWD domain containing 3 | - 1.18 |
| 217660_at | MYH14 | myosin, heavy chain 14 | 1.85 |
| 217685_at | SLC16A3 | solute carrier family 16, member 3 (monocarboxylic acid transporter 4) | 2.24 |
| 217702_at | IL27RA | interleukin 27 receptor, alpha | 2.05 |
| 217725_x_at | SERBP1 | SERPINE1 mRNA binding protein 1 | -2.2 |
| 217726_at | COPZ1 | coatamer protein complex, subunit zeta 1 | - 1.65 |
| 217735_s_at | EIF2AK1 | eukaryotic translation initiation factor 2-alpha kinase 1 | -1.3 |

| | | | |
|-------------|----------|---|-----------|
| 217754_at | DDX56 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 56 | - 1.57 |
| 217755_at | HN1 | hematological and neurological expressed 1 | - 1.66 |
| 217790_s_at | SSR3 | signal sequence receptor, gamma (translocon-associated protein gamma) | - 2.64 |
| 217800_s_at | NDFIP1 | Nedd4 family interacting protein 1 | - 1.63 |
| 217811_at | SELT | selenoprotein T | - 2.24 |
| 217832_at | SYNCRIP | synaptotagmin binding, cytoplasmic RNA interacting protein | -2.2 |
| 217835_x_at | C20orf24 | chromosome 20 open reading frame 24 | - 1.91 |
| 217840_at | DDX41 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 | - 1.57 |

| | | | |
|-------------|----------|---|-----------|
| | | | - |
| 217856_at | RBM8A | RNA binding motif protein 8A | 1.45 |
| 217859_s_at | SLC39A9 | solute carrier family 39 (zinc transporter), member 9 | -1.3 |
| 217861_s_at | PREB | prolactin regulatory element binding | - 2.57 |
| 217876_at | GTF3C5 | general transcription factor IIIC, polypeptide 5, 63kDa | - 1.34 |
| 217879_at | CDC27 | cell division cycle 27 homolog (S. cerevisiae) | - 1.95 |
| 217898_at | C15orf24 | chromosome 15 open reading frame 24 | - 1.71 |
| 217907_at | MRPL18 | mitochondrial ribosomal protein L18 | - 1.83 |
| 217910_x_at | MLX | MAX-like protein X | - 1.48 |

| | | | |
|-------------|----------|--|-----------|
| 217919_s_at | MRPL42 | mitochondrial ribosomal protein L42 | - 2.27 |
| 217920_at | MAN1A2 | mannosidase, alpha, class 1A, member 2 | - 1.61 |
| 217923_at | PEF1 | penta-EF-hand domain containing 1 | - 1.47 |
| 217927_at | SPCS1 | signal peptidase complex subunit 1 homolog (<i>S. cerevisiae</i>) | - 1.69 |
| 217934_x_at | STUB1 | STIP1 homology and U-box containing protein 1 | - 1.31 |
| 217961_at | SLC25A38 | solute carrier family 25, member 38 | -1.6 |
| 217968_at | TSSC1 | tumor suppressing subtransferable candidate 1 | - 1.37 |

| | | | |
|-------------|---------|--|-----------|
| 217978_s_at | UBE2Q1 | ubiquitin-conjugating enzyme E2Q (putative) 1 | - 1.94 |
| 218001_at | MRPS2 | mitochondrial ribosomal protein S2 | - 1.49 |
| 218008_at | C7orf42 | chromosome 7 open reading frame 42 | - 1.89 |
| 218014_at | NUP85 | nucleoporin 85kDa | - 1.47 |
| 218016_s_at | POLR3E | polymerase (RNA) III (DNA directed) polypeptide E (80kD) | - 1.87 |
| 218020_s_at | ZFAND3 | zinc finger, AN1-type domain 3 | - 1.62 |
| 218028_at | ELOVL1 | elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1 | - 1.51 |
| 218050_at | UFM1 | ubiquitin-fold modifier 1 | - 1.66 |

| | | | |
|-------------|-----------|---|------|
| 218052_s_at | ATP13A1 | ATPase type 13A1 | -1.6 |
| | | | - |
| 218057_x_at | COX4NB | COX4 neighbor | 1.95 |
| | | | - |
| 218059_at | ZNF706 | zinc finger protein 706 | 1.55 |
| | | | - |
| 218074_at | FAM96B | family with sequence similarity 96, member B | 1.87 |
| | | | - |
| 218080_x_at | FAF1 | Fas (TNFRSF6) associated factor 1 | 1.42 |
| | | | - |
| 218097_s_at | CUEDC2 | CUE domain containing 2 | 1.81 |
| | | | - |
| 218098_at | | NA | 2.02 |
| | | | - |
| 218108_at | C14orf130 | chromosome 14 open reading frame 130 | 1.81 |
| | | | - |
| 218112_at | MRPS34 | mitochondrial ribosomal protein S34 | 1.45 |
| | | | - |
| 218133_s_at | NIF3L1 | NIF3 NGG1 interacting factor 3- like 1 (<i>S. pombe</i>) | 1.73 |

| | | | |
|-------------|-----------|--|-----------|
| 218137_s_at | SMAP1 | stromal membrane-associated protein 1 | - 1.57 |
| 218138_at | MKKS | McKusick-Kaufman syndrome | - 1.75 |
| 218139_s_at | C14orf108 | chromosome 14 open reading frame 108 | - 2.08 |
| 218143_s_at | SCAMP2 | secretory carrier membrane protein 2 | -1.4 |
| 218163_at | MCTS1 | malignant T cell amplified sequence 1 | - 2.18 |
| 218169_at | VAC14 | Vac14 homolog (<i>S. cerevisiae</i>) | - 1.72 |
| 218179_s_at | FLJ12716 | FLJ12716 protein | - 1.67 |
| 218193_s_at | GOLT1B | golgi transport 1 homolog B (<i>S.</i> <i>cerevisiae</i>) | -2.8 |

| | | | |
|-------------|----------|---|-----------|
| 218203_at | ALG5 | asparagine-linked glycosylation 5 homolog (<i>S. cerevisiae</i> , dolichyl-phosphate beta-glucosyltransferase) | - 1.91 |
| 218209_s_at | P15RS | hypothetical protein FLJ10656 | - 1.84 |
| 218211_s_at | MLPH | melanophilin | - 1.78 |
| 218220_at | C12orf10 | chromosome 12 open reading frame 10 | - 1.64 |
| 218227_at | NUBP2 | nucleotide binding protein 2 (MinD homolog, <i>E. coli</i>) | - 1.83 |
| 218249_at | ZDHHC6 | zinc finger, DHHC-type containing 6 | - 1.48 |
| 218260_at | C19orf58 | chromosome 19 open reading frame 58 | - 2.01 |
| 218264_at | BCCIP | BRCA2 and CDKN1A interacting protein | - 1.98 |

| | | | |
|-------------|----------|--|-----------|
| 218270_at | MRPL24 | mitochondrial ribosomal protein L24 | - 1.67 |
| 218278_at | WDR74 | WD repeat domain 74 | 1.64 |
| 218281_at | MRPL48 | mitochondrial ribosomal protein L48 | - 1.67 |
| 218295_s_at | NUP50 | nucleoporin 50kDa | - 1.36 |
| 218297_at | C10orf97 | chromosome 10 open reading frame 97 | - 1.51 |
| 218302_at | PSENEN | presenilin enhancer 2 homolog (C. elegans) | -1.7 |
| 218316_at | TIMM9 | translocase of inner mitochondrial membrane 9 homolog (yeast) | - 1.47 |
| 218317_x_at | GIYD2 | GIY-YIG domain containing 2 | - 1.71 |
| 218327_s_at | SNAP29 | synaptosomal-associated protein, 29kDa | - 1.82 |

| | | | |
|-------------|--------|---|-----------|
| 218328_at | COQ4 | coenzyme Q4 homolog (S. cerevisiae) | - 1.36 |
| 218329_at | PRDM4 | PR domain containing 4 | 1.3 |
| 218333_at | DERL2 | Der1-like domain family, member 2 | - 2.06 |
| 218339_at | MRPL22 | mitochondrial ribosomal protein L22 | - 1.76 |
| 218343_s_at | GTF3C3 | general transcription factor IIIC, polypeptide 3, 102kDa | -1.6 |
| 218352_at | RCBTB1 | regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1 | -2 |
| 218359_at | NRSN2 | neurensin 2 | - 1.28 |

| | | | |
|-------------|---------|--|-----------|
| 218375_at | NUDT9 | nudix (nucleoside diphosphate linked moiety X)-type motif 9 | - 1.82 |
| 218388_at | PGLS | 6-phosphogluconolactonase | - 1.56 |
| 218398_at | MRPS30 | mitochondrial ribosomal protein S30 | - 2.43 |
| 218408_at | TIMM10 | translocase of inner mitochondrial membrane 10 homolog (yeast) | - 1.49 |
| 218415_at | VPS33B | vacuolar protein sorting 33 homolog B (yeast) | - 1.34 |
| 218423_x_at | VPS54 | vacuolar protein sorting 54 homolog (S. cerevisiae) | - 1.89 |
| 218439_s_at | COMMD10 | COMM domain containing 10 | - 1.63 |
| 218455_at | NFS1 | NFS1 nitrogen fixation 1 homolog (S. cerevisiae) | - 1.52 |

| | | | |
|-------------|----------|--|-----------|
| 218458_at | GMCL1 | germ cell-less homolog 1 (Drosophila) | - 1.72 |
| 218460_at | HEATR2 | HEAT repeat containing 2 | - 1.52 |
| 218474_s_at | KCTD5 | potassium channel tetramerisation domain containing 5 | - 1.68 |
| 218493_at | C16orf33 | chromosome 16 open reading frame 33 | - 1.65 |
| 218496_at | RNASEH1 | ribonuclease H1 | - 1.87 |
| 218497_s_at | RNASEH1 | ribonuclease H1 | - 1.61 |
| 218512_at | WDR12 | WD repeat domain 12 | - 1.81 |
| 218519_at | SLC35A5 | solute carrier family 35, member A5 | - 1.83 |
| 218526_s_at | RANGRF | RAN guanine nucleotide release factor | - 1.34 |
| 218527_at | APTX | aprataxin | - |

| | | | |
|-------------|--------------|--|-----------|
| | | | 1.43 |
| 218534_s_at | AGGF1 | angiogenic factor with G patch and FHA domains 1 | - 1.86 |
| 218536_at | MRS2L | MRS2-like, magnesium homeostasis factor (<i>S. cerevisiae</i>) | - 1.47 |
| 218538_s_at | MRS2L | MRS2-like, magnesium homeostasis factor (<i>S. cerevisiae</i>) | - 1.42 |
| 218551_at | RP5-1077B9.4 | invasion inhibitory protein 45 | 1.69 |
| 218558_s_at | MRPL39 | mitochondrial ribosomal protein L39 | - 1.87 |
| 218562_s_at | TMEM57 | transmembrane protein 57 | - 1.67 |
| 218567_x_at | DPP3 | dipeptidyl-peptidase 3 | -1.6 |
| 218580_x_at | AURKAIP1 | aurora kinase A interacting protein 1 | - 1.61 |

| | | | |
|-------------|----------|--|-----------|
| | | | |
| 218593_at | RBM28 | RNA binding motif protein 28 | -1.4 |
| 218594_at | HEATR1 | HEAT repeat containing 1 | - 1.83 |
| 218600_at | LIMD2 | LIM domain containing 2 | 1.48 |
| 218605_at | TFB2M | transcription factor B2, mitochondrial | - 2.31 |
| 218607_s_at | SDAD1 | SDA1 domain containing 1 | - 1.52 |
| 218615_s_at | TMEM39A | transmembrane protein 39A | - 1.79 |
| 218661_at | FLJ14154 | hypothetical protein FLJ14154 | - 1.72 |
| 218673_s_at | ATG7 | ATG7 autophagy related 7 homolog (<i>S. cerevisiae</i>) | - 1.44 |
| 218674_at | FLJ13611 | hypothetical protein FLJ13611 | - 2.07 |

| | | | |
|-------------|----------|---|-----------|
| 218715_at | UTP6 | UTP6, small subunit (SSU) processome component, homolog (yeast) | - 1.61 |
| 218722_s_at | CCDC51 | coiled-coil domain containing 51 | - 1.72 |
| 218751_s_at | FBXW7 | F-box and WD repeat domain containing 7 | 1.57 |
| 218754_at | NOL9 | nucleolar protein 9 | - 1.37 |
| 218760_at | COQ6 | coenzyme Q6 homolog, monooxygenase (<i>S. cerevisiae</i>) | - 1.57 |
| 218767_at | REXO4 | REX4, RNA exonuclease 4 homolog (<i>S. cerevisiae</i>) | -1.4 |
| 218789_s_at | C11orf71 | chromosome 11 open reading frame 71 | - 2.23 |
| 218794_s_at | TXNL4B | thioredoxin-like 4B | - |

| | | | |
|-------------|----------|---|-----------|
| | | | 1.55 |
| 218863_s_at | TNS1 | tensin 1 | 2.13 |
| 218868_at | ACTR3B | ARP3 actin-related protein 3 homolog B (yeast) | - 1.34 |
| 218877_s_at | TRMT11 | tRNA methyltransferase 11 homolog (<i>S. cerevisiae</i>) | - 2.44 |
| 218894_s_at | FLJ10292 | mago-nashi homolog 2 | - 1.69 |
| 218916_at | ZNF768 | zinc finger protein 768 | 1.72 |
| 218924_s_at | CTBS | chitobiase, di-N-acetyl- | - 2.44 |
| 218938_at | FBXL15 | F-box and leucine-rich repeat protein 15 | - 1.36 |
| 218965_s_at | TUT1 | terminal uridylyl transferase 1, U6 snRNA-specific | 1.7 |

| | | | |
|-------------|---------|---|-----------|
| 218979_at | RMI1 | RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae) | - 1.41 |
| 218984_at | PUS7 | pseudouridylate synthase 7 homolog (S. cerevisiae) | - 2.04 |
| 218993_at | RNMTL1 | RNA methyltransferase like 1 | - 1.37 |
| 219008_at | C2orf43 | chromosome 2 open reading frame 43 | -1.6 |
| 219015_s_at | ALG13 | asparagine-linked glycosylation 13 homolog (S. cerevisiae) | - 2.17 |
| 219030_at | TPRKB | TP53RK binding protein | - 2.21 |
| 219034_at | PARP16 | poly (ADP-ribose) polymerase family, member 16 | - 1.43 |
| 219041_s_at | REPIN1 | replication initiator 1 | - |

| | | | |
|-------------|---------|---------------------------------------|-----------|
| | | | 1.62 |
| 219050_s_at | ZNHIT2 | zinc finger, HIT type 2 | - 1.38 |
| 219055_at | SRBD1 | S1 RNA binding domain 1 | - 1.45 |
| 219061_s_at | LAGE3 | L antigen family, member 3 | - 1.61 |
| 219065_s_at | MEMO1 | mediator of cell motility 1 | - 1.93 |
| 219074_at | TMEM34 | transmembrane protein 34 | - 1.62 |
| 219078_at | GPATCH2 | G patch domain containing 2 | -1.3 |
| 219079_at | CYB5R4 | cytochrome b5 reductase 4 | - 1.46 |
| 219082_at | AMDHD2 | amidohydrolase domain containing 2 | 1.62 |
| 219083_at | SHQ1 | SHQ1 homolog (<i>S. cerevisiae</i>) | - 1.48 |
| 219088_s_at | ZNF576 | zinc finger protein 576 | - 1.43 |

| | | | |
|-------------|---------|--|-----------|
| 219112_at | RAPGEF6 | Rap guanine nucleotide exchange factor (GEF) 6 | 1.33 |
| 219117_s_at | FKBP11 | FK506 binding protein 11, 19 kDa | - 2.37 |
| 219118_at | FKBP11 | FK506 binding protein 11, 19 kDa | - 2.32 |
| 219123_at | ZNF232 | zinc finger protein 232 | - 1.44 |
| 219124_at | C8orf41 | chromosome 8 open reading frame 41 | - 1.37 |
| 219130_at | CCDC76 | coiled-coil domain containing 76 | - 1.87 |
| 219133_at | OXSM | 3-oxoacyl-ACP synthase, mitochondrial | - 1.92 |
| 219149_x_at | DBR1 | debranching enzyme homolog 1 (S. cerevisiae) | - 1.46 |
| 219151_s_at | RABL2B | RAB, member of RAS oncogene family-like 2B | - 1.35 |

| | | | |
|-------------|----------|--|-----------|
| 219164_s_at | ATG2B | ATG2 autophagy related 2 homolog B (<i>S. cerevisiae</i>) | - 2.28 |
| 219212_at | HSPA14 | heat shock 70kDa protein 14 | - 1.64 |
| 219222_at | RBKS | ribokinase | - 1.52 |
| 219234_x_at | SCRN3 | secernin 3 | - 1.18 |
| 219240_s_at | C10orf88 | chromosome 10 open reading frame 88 | - 1.22 |
| 219242_at | CEP63 | centrosomal protein 63kDa | - 1.53 |
| 219251_s_at | WDR60 | WD repeat domain 60 | - 1.47 |
| 219289_at | HEATR3 | HEAT repeat containing 3 | - 1.83 |
| 219311_at | CEP76 | centrosomal protein 76kDa | - 1.36 |
| 219335_at | ARMCX5 | armadillo repeat containing, X- linked 5 | - 1.84 |

| | | | |
|-------------|---------|--|-----------|
| 219346_at | LRFN3 | leucine rich repeat and fibronectin type III domain containing 3 | - 1.29 |
| 219350_s_at | DIABLO | diablo homolog (Drosophila) | - 1.38 |
| 219355_at | CXorf57 | chromosome X open reading frame 57 | -1.2 |
| 219374_s_at | ALG9 | asparagine-linked glycosylation 9 homolog (S. cerevisiae, alpha- 1,2- mannosyltransferase) | - 1.47 |
| 219402_s_at | DERL1 | Der1-like domain family, member 1 | - 2.05 |
| 219406_at | C1orf50 | chromosome 1 open reading frame 50 | - 1.61 |
| 219425_at | SULT4A1 | sulfotransferase family 4A, member 1 | 1.39 |

| | | | |
|-------------|---------|--|------|
| | | | - |
| 219447_s_at | SLC35C2 | solute carrier family 35, member C2 | 1.32 |
| | | | - |
| 219459_at | POLR3B | polymerase (RNA) III (DNA directed) polypeptide B | 1.73 |
| | | | - |
| 219467_at | GIN1 | gypsy retrotransposon integrase 1 | 1.43 |
| | | | - |
| 219479_at | KDELC1 | KDEL (Lys-Asp-Glu-Leu) containing 1 | 1.89 |
| | | | - |
| 219495_s_at | ZNF180 | zinc finger protein 180 | 1.26 |
| | | | - |
| 219500_at | CLCF1 | cardiotrophin-like cytokine factor 1 | 1.39 |
| | | | - |
| 219513_s_at | SH2D3A | SH2 domain containing 3A | 1.25 |
| | | | - |
| 219516_at | TRPV4 | transient receptor potential cation channel, subfamily V, member 4 | 1.65 |
| | | | - |
| 219539_at | GEMIN6 | gem (nuclear organelle) associated protein 6 | -1.5 |

| | | | |
|-------------|--------|---|-----------|
| 219548_at | ZNF16 | zinc finger protein 16 | 1.4 |
| 219583_s_at | SPATA7 | spermatogenesis associated 7 | 1.32 |
| 219644_at | CCDC41 | coiled-coil domain containing 41 | - 1.28 |
| 219649_at | ALG6 | asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3- glucosyltransferase) | - 1.48 |
| 219664_s_at | DECR2 | 2,4-dienoyl CoA reductase 2, peroxisomal | -1.8 |
| 219673_at | | NA | - 1.48 |
| 219689_at | SEMA3G | sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G | 1.42 |
| 219707_at | CPNE7 | copine VII | 1.52 |

| | | | |
|-------------|----------|--|-----------|
| 219746_at | DPF3 | D4, zinc and double PHD fingers, family 3 | -1.2 |
| 219766_at | MGC4093 | hypothetical protein MGC4093 | 1.76 |
| 219775_s_at | CPLX3 | complexin 3 | 1.43 |
| 219785_s_at | FBXO31 | F-box protein 31 | - 1.49 |
| 219814_at | MBNL3 | muscleblind-like 3 (Drosophila) | - 2.21 |
| 219816_s_at | RBM23 | RNA binding motif protein 23 | - 1.38 |
| 219822_at | MTRF1 | mitochondrial translational release factor 1 | - 1.25 |
| 219829_at | ITGB1BP2 | integrin beta 1 binding protein (melusin) 2 | - 1.27 |
| 219864_s_at | RCAN3 | RCAN family member 3 | 1.11 |
| 219869_s_at | SLC39A8 | solute carrier family 39 (zinc transporter), member 8 | - 1.77 |

| | | | |
|-------------|----------|--|-----------|
| 219913_s_at | CRNKL1 | crooked neck pre-mRNA splicing factor-like 1 (Drosophila) | - 1.64 |
| 219931_s_at | KLHL12 | kelch-like 12 (Drosophila) | - 1.23 |
| 219933_at | GLRX2 | glutaredoxin 2 | - 1.61 |
| 219949_at | LRRC2 | leucine rich repeat containing 2 | - 1.97 |
| 219950_s_at | TIAM2 | T-cell lymphoma invasion and metastasis 2 | - 1.16 |
| 219979_s_at | C11orf73 | chromosome 11 open reading frame 73 | - 2.03 |
| 220052_s_at | TINF2 | TERF1 (TRF1)-interacting nuclear factor 2 | 1.47 |
| 220057_at | XAGE1D | X antigen family, member 1D | 1.67 |

| | | | |
|-------------|----------|---|-----------|
| 220063_at | GSTCD | glutathione S-transferase, C-terminal domain containing | - 1.12 |
| 220083_x_at | UCHL5 | ubiquitin carboxyl-terminal hydrolase L5 | - 1.25 |
| 220117_at | ZNF659 | zinc finger protein 659 | 1.42 |
| 220127_s_at | FBXL12 | F-box and leucine-rich repeat protein 12 | - 1.69 |
| 220155_s_at | BRD9 | bromodomain containing 9 | 1.48 |
| 220172_at | C2orf37 | chromosome 2 open reading frame 37 | - 1.12 |
| 220192_x_at | SPDEF | SAM pointed domain containing ets transcription factor | 1.4 |
| 220219_s_at | LRRC37A3 | leucine rich repeat containing 37, member A3 | 1.38 |
| 220248_x_at | NSFL1C | NSFL1 (p97) cofactor (p47) | - 1.67 |

| | | | |
|-------------|---------|--|-----------|
| 220252_x_at | CXorf21 | chromosome X open reading frame 21 | 1.73 |
| 220263_at | SMAD5OS | SMAD family member 5 opposite strand | - 1.28 |
| 220273_at | IL17B | interleukin 17B | 1.58 |
| 220337_at | NGB | neuroglobin | 1.81 |
| 220342_x_at | EDEM3 | ER degradation enhancer, mannosidase alpha-like 3 | - 2.26 |
| 220367_s_at | SAP130 | Sin3A-associated protein, 130kDa | - 1.46 |
| 220387_s_at | HHLA3 | HERV-H LTR-associating 3 | - 1.58 |
| 220410_s_at | FBXL11 | F-box and leucine-rich repeat protein 11 | 1.15 |
| 220451_s_at | BIRC7 | baculoviral IAP repeat-containing 7 (livin) | 1.53 |

| | | | |
|-------------|-----------|---|-----------|
| 220455_at | SLC16A8 | solute carrier family 16, member 8 (monocarboxylic acid transporter 3) | 1.44 |
| 220469_at | COPE | coatamer protein complex, subunit epsilon | 1.46 |
| 220480_at | HAND2 | heart and neural crest derivatives expressed 2 | 1.69 |
| 220488_s_at | BCAS3 | breast carcinoma amplified sequence 3 | 1.43 |
| 220506_at | GUCY1B2 | guanylate cyclase 1, soluble, beta 2 | 1.25 |
| 220525_s_at | AUP1 | ancient ubiquitous protein 1 | - 1.72 |
| 220536_at | C14orf115 | chromosome 14 open reading frame 115 | 1.58 |
| 220557_s_at | PACS1 | phosphofurin acidic cluster sorting protein 1 | 1.53 |

| | | | |
|-------------|---------|--|-----------|
| 220561_at | IGF2AS | insulin-like growth factor 2 antisense | 1.74 |
| 220562_at | CYP2W1 | cytochrome P450, family 2, subfamily W, polypeptide 1 | 2.06 |
| 220581_at | C6orf97 | chromosome 6 open reading frame 97 | 1.13 |
| 220598_at | CARD14 | caspase recruitment domain family, member 14 | 1.25 |
| 220605_s_at | SIRT2 | sirtuin (silent mating type information regulation 2 homolog) 2 (<i>S. cerevisiae</i>) | - 1.51 |
| 220607_x_at | TH1L | TH1-like (<i>Drosophila</i>) | - 1.56 |
| 220640_at | CSNK1G1 | casein kinase 1, gamma 1 | 1.34 |

| | | | |
|-------------|---------|--|-----------|
| | | | - |
| 220682_s_at | KLHL5 | kelch-like 5 (Drosophila) | 1.15 |
| 220705_s_at | ADAMTS7 | ADAM metallopeptidase with thrombospondin type 1 motif, 7 | 1.49 |
| 220706_at | ADAMTS7 | ADAM metallopeptidase with thrombospondin type 1 motif, 7 | 1.3 |
| 220726_at | | NA | 1.16 |
| 220742_s_at | NGLY1 | N-glycanase 1 | - 1.51 |
| 220756_s_at | GPR172B | G protein-coupled receptor 172B | 1.4 |
| 220775_s_at | UEVLD | UEV and lactate/malate dehydrogenase domains | -1.7 |
| 220789_s_at | TBRG4 | transforming growth factor beta regulator 4 | - 1.35 |
| 220798_x_at | PRG2 | plasticity-related gene 2 | 2.57 |
| 220837_at | | NA | 1.09 |

| | | | |
|-------------|------------|---|-----------|
| 220865_s_at | PDSS1 | prenyl (decaprenyl) diphosphate synthase, subunit 1 | - 1.67 |
| 220917_s_at | WDR19 | WD repeat domain 19 | - 1.86 |
| 220926_s_at | EDEM3 | ER degradation enhancer, mannosidase alpha-like 3 | - 2.87 |
| 220937_s_at | ST6GALNAC4 | ST6 (alpha-N-acetyl-neuraminyl- 2,3-beta-galactosyl-1,3)-N- acetylgalactosaminide alpha-2,6- sialyltransferase 4 | 1.49 |
| 220946_s_at | SETD2 | SET domain containing 2 | 1.42 |
| 220997_s_at | DIAPH3 | diaphanous homolog 3 (Drosophila) | - 1.12 |

| | | | |
|-------------|----------|--|-----------|
| 221023_s_at | KCNH6 | potassium voltage-gated channel, subfamily H (eag-related), member 6 | 1.56 |
| 221053_s_at | TDRKH | tudor and KH domain containing | - 1.15 |
| 221090_s_at | OGFOD1 | 2-oxoglutarate and iron-dependent oxygenase domain containing 1 | - 1.67 |
| 221094_s_at | ELP3 | elongation protein 3 homolog (S. cerevisiae) | - 1.31 |
| 221122_at | HRASLS2 | HRAS-like suppressor 2 | 1.29 |
| 221190_s_at | C18orf8 | chromosome 18 open reading frame 8 | - 1.92 |
| 221194_s_at | LOC51136 | PTD016 protein | - 1.59 |
| 221196_x_at | BRCC3 | BRCA1/BRCA2-containing complex, subunit 3 | - 1.45 |

| | | | |
|-------------|----------|--|-----------|
| 221198_at | SCT | secretin | 1.66 |
| 221204_s_at | CRTAC1 | cartilage acidic protein 1 | 1.29 |
| 221222_s_at | C1orf56 | chromosome 1 open reading frame 56 | - 1.31 |
| 221223_x_at | CISH | cytokine inducible SH2-containing protein | -2.1 |
| 221224_s_at | DCAKD | dephospho-CoA kinase domain containing | 1.21 |
| 221227_x_at | COQ3 | coenzyme Q3 homolog, methyltransferase (<i>S. cerevisiae</i>) | - 1.59 |
| 221229_s_at | FLJ20628 | hypothetical protein FLJ20628 | - 1.66 |
| 221253_s_at | TXNDC5 | thioredoxin domain containing 5 | - 1.91 |
| 221255_s_at | TMEM93 | transmembrane protein 93 | - 1.89 |
| 221267_s_at | FAM108A1 | family with sequence similarity 108, member A1 | - 1.53 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 221284_s_at | SRC | v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian) | 1.25 |
| 221291_at | ULBP2 | UL16 binding protein 2 | 1.25 |
| 221333_at | FOXP3 | forkhead box P3 | 1.51 |
| 221363_x_at | GPR25 | G protein-coupled receptor 25 | 1.25 |
| 221383_at | NMUR1 | neuromedin U receptor 1 | 1.67 |
| 221387_at | NPFRR1 | neuropeptide FF receptor 1 | 1.5 |
| 221404_at | IL1F6 | interleukin 1 family, member 6 (epsilon) | 1.26 |
| 221408_x_at | PCDHB12 | protocadherin beta 12 | 1.42 |
| 221410_x_at | PCDHB3 | protocadherin beta 3 | 1.39 |
| 221450_x_at | PCDHB13 | protocadherin beta 13 | 1.51 |
| 221490_at | UBAP1 | ubiquitin associated protein 1 | - 1.42 |

| | | | |
|-------------|---------|---|-----------|
| 221516_s_at | SMCR7L | Smith-Magenis syndrome chromosome region, candidate 7- like | - 1.84 |
| 221547_at | PRPF18 | PRP18 pre-mRNA processing factor 18 homolog (<i>S. cerevisiae</i>) | - 1.69 |
| 221550_at | COX15 | COX15 homolog, cytochrome c oxidase assembly protein (yeast) | - 1.34 |
| 221556_at | CDC14B | CDC14 cell division cycle 14 homolog B (<i>S. cerevisiae</i>) | - 2.64 |
| 221597_s_at | HSPC171 | HSPC171 protein | -1.5 |
| 221647_s_at | RIC8A | resistance to inhibitors of cholinesterase 8 homolog A (<i>C. elegans</i>) | - 1.31 |
| 221650_s_at | MED18 | mediator complex subunit 18 | - 1.39 |

| | | | |
|-------------|----------|---|-----------|
| 221652_s_at | C12orf11 | chromosome 12 open reading frame 11 | - 1.55 |
| 221669_s_at | ACAD8 | acyl-Coenzyme A dehydrogenase family, member 8 | - 1.79 |
| 221677_s_at | DONSON | downstream neighbor of SON | - 1.83 |
| 221679_s_at | ABHD6 | abhydrolase domain containing 6 | - 2.54 |
| 221730_at | COL5A2 | collagen, type V, alpha 2 | 1.69 |
| 221739_at | C19orf10 | chromosome 19 open reading frame 10 | - 2.51 |
| 221741_s_at | YTHDF1 | YTH domain family, member 1 | - 1.55 |
| 221758_at | ARMC6 | armadillo repeat containing 6 | - 1.49 |
| 221782_at | DNAJC10 | DnaJ (Hsp40) homolog, subfamily C, member 10 | - 2.47 |

| | | | |
|-------------|-----------|---|-----------|
| 221786_at | C6orf120 | chromosome 6 open reading frame 120 | - 2.74 |
| 221788_at | PGM3 | phosphoglucomutase 3 | - 2.39 |
| 221819_at | RAB35 | RAB35, member RAS oncogene family | - 1.45 |
| 221827_at | RBCK1 | RanBP-type and C3HC4-type zinc finger containing 1 | - 2.06 |
| 221844_x_at | | NA | - 1.78 |
| 221858_at | TBC1D12 | TBC1 domain family, member 12 | - 1.36 |
| 221885_at | DENND2A | DENN/MADD domain containing 2A | 1.41 |
| 221921_s_at | CADM3 | cell adhesion molecule 3 | 1.47 |
| 221954_at | C20orf111 | chromosome 20 open reading frame 111 | - 1.46 |
| 222060_at | KRT8P12 | keratin 8 pseudogene 12 | 1.71 |

| | | | |
|-------------|-----------|---|-----------|
| 222064_s_at | AARSD1 | alanyl-tRNA synthetase domain containing 1 | -1.3 |
| 222080_s_at | | NA | 1.57 |
| 222143_s_at | MTMR14 | myotubularin related protein 14 | - 1.35 |
| 222148_s_at | RHOT1 | ras homolog gene family, member T1 | - 1.47 |
| 222163_s_at | SPATA5L1 | spermatogenesis associated 5-like 1 | - 1.76 |
| 222182_s_at | CNOT2 | CCR4-NOT transcription complex, subunit 2 | 1.84 |
| 222207_x_at | LOC389517 | Williams Beuren syndrome chromosome region 19 pseudogene | 1.8 |
| 222216_s_at | MRPL17 | mitochondrial ribosomal protein L17 | - 1.56 |
| 222262_s_at | ETNK1 | ethanolamine kinase 1 | - |

| | | | |
|-------------|-----------|--|-----------|
| | | | 2.38 |
| 222297_x_at | RPL18 | ribosomal protein L18 | 1.62 |
| 222323_at | | NA | 1.43 |
| 222361_at | LOC643224 | similar to tubulin, beta 8 | 1.14 |
| 222377_at | TBX10 | T-box 10 | 1.46 |
| 32062_at | LRRC14 | leucine rich repeat containing 14 | 1.26 |
| 32837_at | AGPAT2 | 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta) | - 1.97 |
| 34187_at | RBMS2 | RNA binding motif, single stranded interacting protein 2 | 1.22 |
| 34764_at | LARS2 | leucyl-tRNA synthetase 2, mitochondrial | - 1.62 |

| | | | |
|----------|---------|--|-----------|
| 35156_at | R3HCC1 | R3H domain and coiled-coil containing 1 | - 1.43 |
| 35179_at | B3GAT3 | beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) | 1.51 |
| 35846_at | THRA | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v- erb-a) oncogene homolog, avian) | 1.29 |
| 36566_at | CTNS | cystinosis, nephropathic | - 1.59 |
| 36830_at | MIPEP | mitochondrial intermediate peptidase | - 1.47 |
| 36936_at | TSTA3 | tissue specific transplantation antigen P35B | - 2.03 |
| 36994_at | ATP6V0C | ATPase, H ⁺ transporting, lysosomal 16kDa, V0 subunit c | - 1.64 |

| | | | |
|------------|----------|--|-----------|
| 37566_at | KIAA1045 | KIAA1045 | 1.17 |
| 37872_at | JRK | jerky homolog (mouse) | 1.4 |
| 39248_at | AQP3 | aquaporin 3 (Gill blood group) | - 2.39 |
| 39650_s_at | PCNXL2 | pecanex-like 2 (Drosophila) | 1.56 |
| 40465_at | DDX23 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 | - 1.63 |
| 40472_at | AGPAT7 | 1-acylglycerol-3-phosphate O- acyltransferase 7 (lysophosphatidic acid acyltransferase, eta) | 1.6 |
| 45828_at | FLJ10241 | hypothetical protein FLJ10241 | - 1.46 |
| 49485_at | PRDM4 | PR domain containing 4 | 1.28 |
| 50314_i_at | C20orf27 | chromosome 20 open reading frame 27 | 1.26 |

| | | | |
|------------|----------|---|------|
| | | | - |
| 52285_f_at | CEP76 | centrosomal protein 76kDa | 1.62 |
| | | | - |
| 53720_at | FLJ11286 | hypothetical protein FLJ11286 | 1.95 |
| | | | - |
| 55065_at | MARK4 | MAP/microtubule affinity-regulating kinase 4 | 2.26 |
| 55081_at | MICALL1 | MICAL-like 1 | -1.5 |
| | | | - |
| 55692_at | ELMO2 | engulfment and cell motility 2 | 1.45 |
| | | | - |
| 564_at | GNA11 | guanine nucleotide binding protein (G protein), alpha 11 (Gq class) | 1.54 |
| 65493_at | HEATR6 | HEAT repeat containing 6 | 1.17 |
| | | | - |
| 89948_at | C20orf67 | chromosome 20 open reading frame 67 | 1.23 |

Supplemental Table 2- Differentially expressed genes between HCV cirrhotic tissues and normal livers

| Affy ID | Symbol | Gene Name | Fold |
|----------------|---------------|--|-------------|
| 1294_at | UBE1L | ubiquitin-activating enzyme E1-like | 1.36 |
| 1316_at | THRA | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian) | - 1.31 |
| 1405_i_at | CCL5 | chemokine (C-C motif) ligand 5 | 4.71 |
| 160020_at | MMP14 | matrix metalloproteinase 14 (membrane-inserted) | - 1.37 |
| 200005_at | EIF3D | eukaryotic translation initiation factor 3, subunit D | 1.93 |
| 200011_s_at | ARF3 | ADP-ribosylation factor 3 | 1.48 |
| 200016_x_at | HNRNPA1 | heterogeneous nuclear ribonucleoprotein A1 | 1.53 |

| | | | |
|-------------|--------|--|-----------|
| | | | |
| 200022_at | RPL18 | ribosomal protein L18 | 1.38 |
| 200033_at | DDX5 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 5 | 1.42 |
| 200086_s_at | COX4I1 | cytochrome c oxidase subunit IV isoform 1 | 1.26 |
| 200609_s_at | WDR1 | WD repeat domain 1 | 1.45 |
| 200624_s_at | MATR3 | matrin 3 | 1.46 |
| 200635_s_at | PTPRF | protein tyrosine phosphatase, receptor type, F | - 1.69 |
| 200640_at | YWHAZ | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide | 1.93 |
| 200643_at | HDLBP | high density lipoprotein binding protein (vigilin) | - 1.56 |

| | | | |
|-------------|---------|---|------|
| 200661_at | CTSA | cathepsin A | 1.49 |
| 200662_s_at | TOMM20 | translocase of outer mitochondrial membrane 20 homolog (yeast) | 1.43 |
| 200670_at | XBP1 | X-box binding protein 1 | 1.54 |
| 200678_x_at | GRN | granulin | 1.58 |
| 200695_at | PPP2R1A | protein phosphatase 2 (formerly 2A), regulatory subunit A , alpha isoform | 1.42 |
| 200697_at | HK1 | hexokinase 1 | 1.89 |
| 200701_at | NPC2 | Niemann-Pick disease, type C2 | 1.83 |
| 200711_s_at | SKP1A | S-phase kinase-associated protein 1A (p19A) | 1.47 |
| 200712_s_at | MAPRE1 | microtubule-associated protein, RP/EB family, member 1 | 2.06 |

| | | | |
|-------------|--------|--|-----------|
| 200713_s_at | MAPRE1 | microtubule-associated protein, RP/EB family, member 1 | 1.57 |
| 200721_s_at | ACTR1A | ARP1 actin-related protein 1 homolog A, centractin alpha (yeast) | - 1.35 |
| 200724_at | RPL10 | ribosomal protein L10 | - 1.25 |
| 200725_x_at | RPL10 | ribosomal protein L10 | 1.31 |
| 200726_at | PPP1CC | protein phosphatase 1, catalytic subunit, gamma isoform | 1.87 |
| 200741_s_at | RPS27 | ribosomal protein S27 (metalloprotein 1) | 1.29 |
| 200743_s_at | TPP1 | tripeptidyl peptidase I | 1.44 |

| | | | |
|-------------|---------|--|-----------|
| 200746_s_at | GNB1 | guanine nucleotide binding protein (G protein), beta polypeptide 1 | 1.54 |
| 200754_x_at | SFRS2 | splicing factor, arginine/serine-rich 2 | 1.67 |
| 200757_s_at | CALU | calumenin | - 1.54 |
| 200760_s_at | ARL6IP5 | ADP-ribosylation-like factor 6 interacting protein 5 | 2.26 |
| 200761_s_at | ARL6IP5 | ADP-ribosylation-like factor 6 | 2.12 |

| | | | |
|-------------|-------|--|-----------|
| | | interacting protein 5 | |
| 200778_s_at | 2-Sep | septin 2 | 1.82 |
| 200780_x_at | GNAS | GNAS complex locus | 1.46 |
| 200785_s_at | LRP1 | low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) | - 1.42 |
| 200787_s_at | PEA15 | phosphoprotein enriched in astrocytes 15 | 2.38 |
| 200809_x_at | RPL12 | ribosomal protein L12 | 1.56 |
| 200811_at | CIRBP | cold inducible RNA binding protein | 2.01 |
| 200819_s_at | RPS15 | ribosomal protein S15 | 1.48 |
| 200823_x_at | RPL29 | ribosomal protein L29 | 1.43 |

| | | | |
|-------------|----------|--|-----------|
| 200826_at | SNRPD2 | small nuclear ribonucleoprotein D2 polypeptide 16.5kDa | 1.7 |
| 200851_s_at | KIAA0174 | KIAA0174 | 1.68 |
| 200854_at | NCOR1 | nuclear receptor co-repressor 1 | - 1.71 |
| 200862_at | DHCR24 | 24-dehydrocholesterol reductase | - 2.18 |
| 200863_s_at | RAB11A | RAB11A, member RAS oncogene family | 1.51 |
| 200872_at | S100A10 | S100 calcium binding protein A10 | 2.5 |
| 200883_at | UQCRC2 | ubiquinol-cytochrome c reductase core protein II | 1.53 |
| 200887_s_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.6 |
| 200898_s_at | MGEA5 | meningioma expressed antigen 5 (hyaluronidase) | 1.6 |

| | | | |
|-------------|----------|--|-----------|
| 200899_s_at | MGEA5 | meningioma expressed antigen 5 (hyaluronidase) | 1.79 |
| 200903_s_at | AHCY | S-adenosylhomocysteine hydrolase | - 1.57 |
| 200904_at | HLA-E | major histocompatibility complex, class I, E | 2.12 |
| 200912_s_at | EIF4A2 | eukaryotic translation initiation factor 4A, isoform 2 | 1.65 |
| 200923_at | LGALS3BP | lectin, galactoside-binding, soluble, 3 binding protein | 5.9 |
| 200932_s_at | DCTN2 | dynactin 2 (p50) | 1.3 |
| 200933_x_at | RPS4X | ribosomal protein S4, X-linked | 1.28 |
| 200940_s_at | RERE | arginine-glutamic acid dipeptide (RE) repeats | 1.72 |
| 200947_s_at | GLUD1 | glutamate dehydrogenase 1 | -2.2 |
| 200949_x_at | RPS20 | ribosomal protein S20 | 1.45 |

| | | | |
|-------------|---------|---|-----------|
| 200953_s_at | CCND2 | cyclin D2 | 2.09 |
| 200958_s_at | SDCBP | syndecan binding protein (syntenin) | 1.63 |
| 200961_at | SEPHS2 | selenophosphate synthetase 2 | - 1.65 |
| 200962_at | RPL31 | ribosomal protein L31 | 2.38 |
| 200963_x_at | RPL31 | ribosomal protein L31 | 1.43 |
| 200975_at | PPT1 | palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile) | 2.8 |
| 200977_s_at | TAX1BP1 | Tax1 (human T-cell leukemia virus type I) binding protein 1 | 1.46 |
| 200978_at | MDH1 | malate dehydrogenase 1, NAD (soluble) | 1.49 |
| 200981_x_at | GNAS | GNAS complex locus | 1.51 |
| 200983_x_at | CD59 | CD59 molecule, complement regulatory protein | 2.28 |

| | | | |
|-------------|-------|---|------|
| | | | |
| 200984_s_at | CD59 | CD59 molecule, complement regulatory protein | 2.2 |
| 200985_s_at | CD59 | CD59 molecule, complement regulatory protein | 1.95 |
| 201007_at | HADHB | hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl- Coenzyme A thiolase/enoyl- Coenzyme A hydratase (trifunctional protein), beta subunit | 1.63 |
| 201011_at | RPN1 | ribophorin I | - |

| | | | |
|-------------|---------|---|------|
| | | | 2.12 |
| 201031_s_at | HNRPH1 | heterogeneous nuclear ribonucleoprotein H1 (H) | 1.46 |
| 201044_x_at | DUSP1 | dual specificity phosphatase 1 | 3.11 |
| 201054_at | HNRNPA0 | heterogeneous nuclear ribonucleoprotein A0 | 1.65 |
| 201057_s_at | GOLGB1 | golgin B1, golgi integral membrane protein | 1.42 |
| 201058_s_at | MYL9 | myosin, light chain 9, regulatory | 3.9 |
| 201070_x_at | SF3B1 | splicing factor 3b, subunit 1, 155kDa | 1.8 |
| 201071_x_at | SF3B1 | splicing factor 3b, subunit 1, 155kDa | 1.72 |
| 201092_at | RBBP7 | retinoblastoma binding protein 7 | 1.39 |
| 201108_s_at | THBS1 | thrombospondin 1 | 2.52 |
| 201109_s_at | THBS1 | thrombospondin 1 | 4 |

| | | | |
|-------------|-------|---|-----------|
| 201116_s_at | CPE | carboxypeptidase E | 2.26 |
| 201125_s_at | ITGB5 | integrin, beta 5 | 1.65 |
| 201147_s_at | TIMP3 | TIMP metallopeptidase inhibitor 3 (Sorsby fundus dystrophy, pseudoinflammatory) | 2.57 |
| 201152_s_at | MBNL1 | muscleblind-like (Drosophila) | 1.64 |
| 201159_s_at | NMT1 | N-myristoyltransferase 1 | - 1.33 |
| 201164_s_at | PUM1 | pumilio homolog 1 (Drosophila) | 1.41 |
| 201178_at | FBXO7 | F-box protein 7 | 1.6 |
| 201182_s_at | CHD4 | chromodomain helicase DNA binding protein 4 | - 1.34 |

| | | | |
|-------------|--------|---|-----------|
| 201186_at | LRPAP1 | low density lipoprotein receptor-related protein associated protein 1 | 1.4 |
| 201217_x_at | RPL3 | ribosomal protein L3 | 1.37 |
| 201218_at | CTBP2 | C-terminal binding protein 2 | 3.1 |
| 201235_s_at | BTG2 | BTG family, member 2 | 1.74 |
| 201236_s_at | BTG2 | BTG family, member 2 | 2.37 |
| 201249_at | SLC2A1 | solute carrier family 2 (facilitated glucose transporter), member 1 | - 1.23 |
| 201262_s_at | BGN | biglycan | 2.23 |
| 201265_at | | NA | - 1.25 |
| 201272_at | AKR1B1 | aldo-keto reductase family 1, member B1 (aldose reductase) | 2.37 |

| | | | |
|-------------|---------|--|------|
| 201279_s_at | DAB2 | disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) | 2.2 |
| 201288_at | ARHGDIB | Rho GDP dissociation inhibitor (GDI) beta | 3.1 |
| 201295_s_at | WSB1 | WD repeat and SOCS box-containing 1 | 2.07 |
| 201303_at | EIF4A3 | eukaryotic translation initiation factor 4A, isoform 3 | 1.32 |
| 201306_s_at | ANP32B | acidic (leucine-rich) nuclear phosphoprotein 32 family, member B | 1.41 |
| 201311_s_at | SH3BGRL | SH3 domain binding glutamic acid-rich protein like | 3.69 |

| | | | |
|-------------|----------|--|-----------|
| 201314_at | STK25 | serine/threonine kinase 25 (STE20 homolog, yeast) | - 1.33 |
| 201321_s_at | SMARCC2 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2 | 1.93 |
| 201325_s_at | EMP1 | epithelial membrane protein 1 | 5.16 |
| 201334_s_at | ARHGEF12 | Rho guanine nucleotide exchange factor (GEF) 12 | - 1.55 |
| 201337_s_at | VAMP3 | vesicle-associated membrane protein 3 (cellubrevin) | 2.35 |
| 201345_s_at | UBE2D2 | ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) | 1.73 |

| | | | |
|-------------|----------|---|-----------|
| 201349_at | SLC9A3R1 | solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 | - 1.39 |
| 201368_at | ZFP36L2 | zinc finger protein 36, C3H type-like 2 | 2.01 |
| 201386_s_at | DHX15 | DEAH (Asp-Glu-Ala-His) box polypeptide 15 | 1.72 |
| 201394_s_at | RBM5 | RNA binding motif protein 5 | 1.6 |
| 201395_at | RBM5 | RNA binding motif protein 5 | 1.41 |
| 201403_s_at | MGST3 | microsomal glutathione S- transferase 3 | 1.44 |
| 201406_at | RPL36A | ribosomal protein L36a | 1.57 |
| 201414_s_at | NAP1L4 | nucleosome assembly protein 1-like 4 | 1.5 |
| 201416_at | SOX4 | SRY (sex determining region Y)-box 4 | 1.86 |

| | | | |
|-------------|--------|--|------|
| 201417_at | SOX4 | SRY (sex determining region Y)-box 4 | 7.29 |
| 201431_s_at | DPYSL3 | dihydropyrimidinase-like 3 | 2.09 |
| 201439_at | GBF1 | golgi-specific brefeldin A resistance factor 1 | 1.41 |
| 201457_x_at | BUB3 | BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast) | 1.54 |
| 201466_s_at | JUN | jun oncogene | 3.77 |
| 201480_s_at | SUPT5H | suppressor of Ty 5 homolog (S. cerevisiae) | 1.41 |
| 201487_at | CTSC | cathepsin C | 2.08 |
| 201497_x_at | MYH11 | myosin, heavy chain 11, smooth muscle | 1.9 |
| 201507_at | PFDN1 | prefoldin subunit 1 | 1.6 |

| | | | |
|-------------|---------|--|-----------|
| 201514_s_at | G3BP1 | GTPase activating protein (SH3 domain) binding protein 1 | - 1.39 |
| 201518_at | CBX1 | chromobox homolog 1 (HP1 beta homolog Drosophila) | 1.98 |
| 201522_x_at | SNRPN | small nuclear ribonucleoprotein polypeptide N | 2 |
| 201524_x_at | UBE2N | ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast) | 1.43 |
| 201527_at | ATP6V1F | ATPase, H ⁺ transporting, lysosomal 14kDa, V1 subunit F | 1.43 |
| 201531_at | ZFP36 | zinc finger protein 36, C3H type, homolog (mouse) | 2.42 |
| 201539_s_at | FHL1 | four and a half LIM domains 1 | 1.87 |

| | | | |
|-------------|----------|---|------|
| 201540_at | FHL1 | four and a half LIM domains 1 | 2.08 |
| 201553_s_at | LAMP1 | lysosomal-associated membrane protein 1 | 1.34 |
| 201578_at | PODXL | podocalyxin-like | 2.13 |
| 201579_at | FAT | FAT tumor suppressor homolog 1 (Drosophila) | 2.17 |
| 201592_at | EIF3H | eukaryotic translation initiation factor 3, subunit H | 1.75 |
| 201601_x_at | IFITM1 | interferon induced transmembrane protein 1 (9-27) | 2.67 |
| 201602_s_at | PPP1R12A | protein phosphatase 1, regulatory (inhibitor) subunit 12A | 1.82 |
| 201603_at | PPP1R12A | protein phosphatase 1, regulatory (inhibitor) subunit 12A | 1.84 |

| | | | |
|-------------|----------|---|-----------|
| 201604_s_at | PPP1R12A | protein phosphatase 1, regulatory (inhibitor) subunit 12A | 2.01 |
| 201613_s_at | APIG2 | adaptor-related protein complex 1, gamma 2 subunit | 1.42 |
| 201616_s_at | CALD1 | caldesmon 1 | 2.12 |
| 201640_x_at | CLPTM1 | cleft lip and palate associated transmembrane protein 1 | - 1.41 |
| 201641_at | BST2 | bone marrow stromal cell antigen 2 | 2.55 |
| 201650_at | KRT19 | keratin 19 | 3.23 |
| 201669_s_at | MARCKS | myristoylated alanine-rich protein kinase C substrate | 3.99 |
| 201670_s_at | MARCKS | myristoylated alanine-rich protein kinase C substrate | 2.37 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 201684_s_at | TOX4 | TOX high mobility group box family member 4 | - 1.28 |
| 201700_at | CCND3 | cyclin D3 | 1.93 |
| 201701_s_at | PGRMC2 | progesterone receptor membrane component 2 | - 1.67 |
| 201718_s_at | EPB41L2 | erythrocyte membrane protein band 4.1-like 2 | 2.14 |
| 201720_s_at | LAPTM5 | lysosomal associated multispanning membrane protein 5 | 2.42 |
| 201721_s_at | LAPTM5 | lysosomal associated multispanning membrane protein 5 | 3.16 |
| 201738_at | EIF1B | eukaryotic translation initiation factor 1B | 1.43 |

| | | | |
|-------------|--------|---|-----------|
| 201749_at | ECE1 | endothelin converting enzyme 1 | - 1.58 |
| 201765_s_at | HEXA | hexosaminidase A (alpha polypeptide) | 1.45 |
| 201773_at | ADNP | activity-dependent neuroprotector homeobox | 1.6 |
| 201781_s_at | AIP | aryl hydrocarbon receptor interacting protein | 1.52 |
| 201785_at | RNASE1 | ribonuclease, RNase A family, 1 (pancreatic) | 3.12 |
| 201796_s_at | VARS | valyl-tRNA synthetase | - 1.37 |
| 201797_s_at | VARS | valyl-tRNA synthetase | - 1.86 |
| 201798_s_at | FER1L3 | fer-1-like 3, myoferlin (C. elegans) | 3.51 |
| 201809_s_at | ENG | endoglin (Osler-Rendu-Weber syndrome 1) | 2.44 |

| | | | |
|-------------|---------|---|-----------|
| 201812_s_at | TOMM7 | translocase of outer mitochondrial membrane 7 homolog (yeast) | 1.47 |
| 201816_s_at | GBAS | glioblastoma amplified sequence | 1.66 |
| 201820_at | KRT5 | keratin 5 (epidermolysis bullosa simplex, Dowling- Meara/Kobner/Weber- Cockayne types) | - 1.37 |
| 201828_x_at | FAM127A | family with sequence similarity 127, member A | 1.4 |
| 201844_s_at | RYBP | RING1 and YY1 binding protein | 1.62 |
| 201846_s_at | RYBP | RING1 and YY1 binding protein | 1.67 |

| | | | |
|-------------|----------|---|-----------|
| 201852_x_at | COL3A1 | collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant) | 2.86 |
| 201870_at | TOMM34 | translocase of outer mitochondrial membrane 34 | - 1.33 |
| 201873_s_at | ABCE1 | ATP-binding cassette, sub- family E (OABP), member 1 | -1.8 |
| 201880_at | ARIH1 | ariadne homolog, ubiquitin- conjugating enzyme E2 binding protein, 1 (Drosophila) | 1.45 |
| 201886_at | WDR23 | WD repeat domain 23 | - 1.69 |
| 201917_s_at | SLC25A36 | solute carrier family 25, member 36 | 2.27 |

| | | | |
|-------------|--------|---|-----------|
| 201922_at | TINP1 | TGF beta-inducible nuclear protein 1 | 1.56 |
| 201944_at | HEXB | hexosaminidase B (beta polypeptide) | 1.46 |
| 201993_x_at | HNRPDL | heterogeneous nuclear ribonucleoprotein D-like | 1.84 |
| 201999_s_at | DYNLT1 | dynein, light chain, Tctex-type 1 | 1.78 |
| 202011_at | TJP1 | tight junction protein 1 (zona occludens 1) | 1.75 |
| 202021_x_at | EIF1 | eukaryotic translation initiation factor 1 | 1.78 |
| 202048_s_at | CBX6 | chromobox homolog 6 | - 1.54 |
| 202065_s_at | PPFIA1 | protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1 | - 1.38 |

| | | | |
|-------------|---------|---|-----------|
| 202083_s_at | SEC14L1 | SEC14-like 1 (<i>S. cerevisiae</i>) | 1.91 |
| 202084_s_at | SEC14L1 | SEC14-like 1 (<i>S. cerevisiae</i>) | 1.83 |
| 202086_at | MX1 | myxovirus (influenza virus) resistance 1, interferon- inducible protein p78 (mouse) | 5.97 |
| 202088_at | SLC39A6 | solute carrier family 39 (zinc transporter), member 6 | 1.81 |
| 202089_s_at | SLC39A6 | solute carrier family 39 (zinc transporter), member 6 | 1.45 |
| 202099_s_at | DGCR2 | DiGeorge syndrome critical region gene 2 | - 1.47 |
| 202116_at | DPF2 | D4, zinc and double PHD fingers family 2 | 1.53 |

| | | | |
|-------------|--------|--|-----------|
| 202141_s_at | COPS8 | COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis) | 1.56 |
| 202147_s_at | IFRD1 | interferon-related developmental regulator 1 | 1.66 |
| 202150_s_at | NEDD9 | neural precursor cell expressed, developmentally down- regulated 9 | 2.55 |
| 202151_s_at | UBAC1 | UBA domain containing 1 | - 1.37 |
| 202152_x_at | USF2 | upstream transcription factor 2, c-fos interacting | - 1.58 |
| 202156_s_at | CUGBP2 | CUG triplet repeat, RNA binding protein 2 | 2.43 |
| 202158_s_at | CUGBP2 | CUG triplet repeat, RNA binding protein 2 | 1.99 |

| | | | |
|-------------|----------|--|-----------|
| 202159_at | FARSA | phenylalanyl-tRNA synthetase, alpha subunit | - 1.45 |
| 202165_at | PPP1R2 | protein phosphatase 1, regulatory (inhibitor) subunit 2 | 1.63 |
| 202171_at | VEZF1 | vascular endothelial zinc finger 1 | 1.94 |
| 202172_at | VEZF1 | vascular endothelial zinc finger 1 | 1.47 |
| 202181_at | KIAA0247 | KIAA0247 | 2.09 |
| 202196_s_at | DKK3 | dickkopf homolog 3 (Xenopus laevis) | 2.52 |
| 202206_at | ARL4C | ADP-ribosylation factor-like 4C | 2.61 |
| 202223_at | STT3A | STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae) | - 2.48 |
| 202237_at | NNMT | nicotinamide N- methyltransferase | - 1.51 |

| | | | |
|-------------|--------|---|-----------|
| 202251_at | PRPF3 | PRP3 pre-mRNA processing factor 3 homolog (<i>S. cerevisiae</i>) | 1.41 |
| 202257_s_at | CD2BP2 | CD2 (cytoplasmic tail) binding protein 2 | 1.27 |
| 202271_at | FBXO28 | F-box protein 28 | - 1.95 |
| 202292_x_at | LYPLA2 | lysophospholipase II | -1.5 |
| 202302_s_at | RSRC2 | arginine/serine-rich coiled-coil 2 | 1.65 |
| 202310_s_at | COL1A1 | collagen, type I, alpha 1 | 4.09 |
| 202317_s_at | UBE4B | ubiquitination factor E4B (UFD2 homolog, yeast) | - 1.51 |
| 202322_s_at | GGPS1 | geranylgeranyl diphosphate synthase 1 | 1.45 |
| 202326_at | EHMT2 | euchromatic histone-lysine N- methyltransferase 2 | 1.3 |

| | | | |
|-------------|--------|---|-----------|
| 202345_s_at | FABP5 | fatty acid binding protein 5 (psoriasis-associated) | 3.9 |
| 202359_s_at | SNX19 | sorting nexin 19 | 1.48 |
| 202366_at | ACADS | acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain | 1.83 |
| 202370_s_at | CBFB | core-binding factor, beta subunit | 1.99 |
| 202371_at | TCEAL4 | transcription elongation factor A (SII)-like 4 | 1.52 |
| 202390_s_at | HD | huntingtin (Huntington disease) | 1.41 |
| 202391_at | BASP1 | brain abundant, membrane attached signal protein 1 | 1.86 |
| 202404_s_at | COL1A2 | collagen, type I, alpha 2 | 3.42 |
| 202411_at | IFI27 | interferon, alpha-inducible protein 27 | 21.7 2 |

| | | | |
|-------------|---------|--|-----------|
| 202419_at | FVT1 | follicular lymphoma variant translocation 1 | -1.9 |
| 202421_at | IGSF3 | immunoglobulin superfamily, member 3 | 1.43 |
| 202436_s_at | CYP1B1 | cytochrome P450, family 1, subfamily B, polypeptide 1 | 3.02 |
| 202450_s_at | CTSK | cathepsin K | 2.52 |
| 202476_s_at | TUBGCP2 | tubulin, gamma complex associated protein 2 | -1.2 |
| 202477_s_at | TUBGCP2 | tubulin, gamma complex associated protein 2 | - 1.27 |
| 202485_s_at | MBD2 | methyl-CpG binding domain protein 2 | - 1.28 |
| 202492_at | ATG9A | ATG9 autophagy related 9 homolog A (<i>S. cerevisiae</i>) | - 1.35 |
| 202499_s_at | SLC2A3 | solute carrier family 2 (facilitated glucose transporter), | 3.48 |

| | | | |
|-------------|----------|--|-----------|
| | | member 3 | |
| 202508_s_at | SNAP25 | synaptosomal-associated protein, 25kDa | 1.64 |
| 202510_s_at | TNFAIP2 | tumor necrosis factor, alpha-induced protein 2 | 2.5 |
| 202524_s_at | SPOCK2 | sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2 | 1.84 |
| 202553_s_at | SYF2 | SYF2 homolog, RNA splicing factor (<i>S. cerevisiae</i>) | 1.49 |
| 202556_s_at | MCRS1 | microspherule protein 1 | - 1.44 |
| 202568_s_at | MARK3 | MAP/microtubule affinity-regulating kinase 3 | 1.5 |
| 202594_at | LEPROTL1 | leptin receptor overlapping transcript-like 1 | 1.81 |

| | | | |
|-------------|---------|---|-----------|
| 202598_at | S100A13 | S100 calcium binding protein A13 | 2.12 |
| 202615_at | GNAQ | guanine nucleotide binding protein (G protein), q polypeptide | 1.35 |
| 202643_s_at | TNFAIP3 | tumor necrosis factor, alpha- induced protein 3 | 3.71 |
| 202644_s_at | TNFAIP3 | tumor necrosis factor, alpha- induced protein 3 | 3.58 |
| 202656_s_at | SERTAD2 | SERTA domain containing 2 | 2.07 |
| 202659_at | PSMB10 | proteasome (prosome, macropain) subunit, beta type, 10 | 1.82 |
| 202667_s_at | SLC39A7 | solute carrier family 39 (zinc transporter), member 7 | - 1.63 |
| 202677_at | RASA1 | RAS p21 protein activator (GTPase activating protein) 1 | 1.63 |

| | | | |
|-------------|---------|--|-----------|
| 202686_s_at | AXL | AXL receptor tyrosine kinase | 2.75 |
| 202698_x_at | COX4I1 | cytochrome c oxidase subunit IV isoform 1 | 1.25 |
| 202709_at | FMOD | fibromodulin | 2.48 |
| 202732_at | PKIG | protein kinase (cAMP- dependent, catalytic) inhibitor gamma | 1.47 |
| 202743_at | PIK3R3 | phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma) | 2.06 |
| 202744_at | SLC20A2 | solute carrier family 20 (phosphate transporter), member 2 | - 1.35 |
| 202746_at | ITM2A | integral membrane protein 2A | 4.3 |
| 202747_s_at | ITM2A | integral membrane protein 2A | 1.84 |
| 202749_at | WRB | tryptophan rich basic protein | - 1.64 |
| 202765_s_at | FBN1 | fibrillin 1 | 1.73 |

| | | | |
|-------------|----------|--|-----------|
| 202766_s_at | FBN1 | fibrillin 1 | 2.72 |
| 202769_at | CCNG2 | cyclin G2 | 2.21 |
| 202770_s_at | CCNG2 | cyclin G2 | 1.66 |
| 202780_at | OXCT1 | 3-oxoacid CoA transferase 1 | 1.61 |
| 202785_at | NDUFA7 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa | 1.35 |
| 202786_at | STK39 | serine threonine kinase 39 (STE20/SPS1 homolog, yeast) | 2.39 |
| 202795_x_at | TRIOBP | TRIO and F-actin binding protein | 1.62 |
| 202803_s_at | ITGB2 | integrin, beta 2 (complement component 3 receptor 3 and 4 subunit) | 2.2 |
| 202808_at | C10orf26 | chromosome 10 open reading frame 26 | - 1.78 |

| | | | |
|-------------|----------|---|-----------|
| | | | |
| 202833_s_at | SERPINA1 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 | - 1.25 |
| 202838_at | FUCA1 | fucosidase, alpha-L- 1, tissue | 1.68 |
| 202846_s_at | PIGC | phosphatidylinositol glycan anchor biosynthesis, class C | 1.39 |
| 202849_x_at | GRK6 | G protein-coupled receptor kinase 6 | - 1.64 |
| 202859_x_at | IL8 | interleukin 8 | 6.26 |

| | | | |
|-------------|---------|---|-----------|
| 202861_at | PER1 | period homolog 1 (Drosophila) | 1.86 |
| 202864_s_at | SP100 | SP100 nuclear antigen | 1.62 |
| 202869_at | OAS1 | 2',5'-oligoadenylate synthetase 1, 40/46kDa | 3.44 |
| 202885_s_at | PPP2R1B | protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform | - 1.21 |
| 202887_s_at | DDIT4 | DNA-damage-inducible transcript 4 | 2.9 |
| 2028_s_at | E2F1 | E2F transcription factor 1 | - 1.36 |
| 202902_s_at | CTSS | cathepsin S | 2.96 |
| 202908_at | WFS1 | Wolfram syndrome 1 (wolframin) | -1.6 |
| 202912_at | ADM | adrenomedullin | 3.21 |
| 202918_s_at | MOBK13 | MOB1, Mps One Binder kinase activator-like 3 (yeast) | 1.71 |

| | | | |
|-------------|--------|---|-----------|
| 202924_s_at | PLAGL2 | pleiomorphic adenoma gene-like 2 | - 1.36 |
| 202934_at | HK2 | hexokinase 2 | 1.54 |
| 202953_at | C1QB | complement component 1, q subcomponent, B chain | 3.03 |
| 202957_at | HCLS1 | hematopoietic cell-specific Lyn substrate 1 | 2.51 |
| 202965_s_at | CAPN6 | calpain 6 | 1.38 |
| 202995_s_at | FBLN1 | fibulin 1 | 1.89 |
| 203000_at | STMN2 | stathmin-like 2 | 2.77 |
| 203001_s_at | STMN2 | stathmin-like 2 | 3.23 |
| 203010_at | STAT5A | signal transducer and activator of transcription 5A | - 1.28 |
| 203012_x_at | RPL23A | ribosomal protein L23a | 1.47 |
| 203013_at | ECD | ecdysoneless homolog (Drosophila) | 1.33 |

| | | | |
|-------------|----------|---|-----------|
| 203020_at | RABGAP1L | RAB GTPase activating protein 1-like | 1.8 |
| 203024_s_at | C5orf15 | chromosome 5 open reading frame 15 | 1.44 |
| 203028_s_at | CYBA | cytochrome b-245, alpha polypeptide | 2.65 |
| 203038_at | PTPRK | protein tyrosine phosphatase, receptor type, K | 1.55 |
| 203044_at | CHSY1 | carbohydrate (chondroitin) synthase 1 | 2.34 |
| 203061_s_at | NRM | nurim (nuclear envelope membrane protein) | - 1.33 |
| 203065_s_at | CAV1 | caveolin 1, caveolae protein, 22kDa | 3.4 |
| 203074_at | ANXA8L2 | annexin A8-like 2 | 1.78 |
| 203075_at | SMAD2 | SMAD family member 2 | 1.7 |
| 203083_at | THBS2 | thrombospondin 2 | 2.4 |

| | | | |
|-------------|---------|---|-----------|
| 203085_s_at | TGFB1 | transforming growth factor, beta 1 | 2.27 |
| 203093_s_at | TIMM44 | translocase of inner mitochondrial membrane 44 homolog (yeast) | - 1.49 |
| 203104_at | CSF1R | colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog | 2.38 |
| 203124_s_at | SLC11A2 | solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 | - 2.09 |
| 203125_x_at | SLC11A2 | solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 | - 1.56 |
| 203139_at | DAPK1 | death-associated protein kinase 1 | 1.86 |

| | | | |
|-------------|----------|--|-----------|
| | | | |
| 203153_at | IFIT1 | interferon-induced protein with tetratricopeptide repeats 1 | 9.07 |
| 203161_s_at | RNF8 | ring finger protein 8 | -1.2 |
| 203166_at | CFDP1 | craniofacial development protein 1 | 1.86 |
| 203177_x_at | TFAM | transcription factor A, mitochondrial | - 1.74 |
| 203185_at | RASSF2 | Ras association (RalGDS/AF- 6) domain family 2 | 2.01 |
| 203197_s_at | C1orf123 | chromosome 1 open reading frame 123 | 1.28 |
| 203211_s_at | MTMR2 | myotubularin related protein 2 | 1.76 |
| 203221_at | TLE1 | transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila) | 1.84 |
| 203235_at | THOP1 | thimet oligopeptidase 1 | - 1.77 |

| | | | |
|-------------|---------|--|-----------|
| 203236_s_at | LGALS9 | lectin, galactoside-binding, soluble, 9 (galectin 9) | 1.62 |
| 203237_s_at | NOTCH3 | Notch homolog 3 (Drosophila) | - 1.29 |
| 203241_at | UVRAG | UV radiation resistance associated gene | 1.43 |
| 203249_at | EZH1 | enhancer of zeste homolog 1 (Drosophila) | 1.69 |
| 203252_at | CDK2AP2 | CDK2-associated protein 2 | - 1.89 |
| 203267_s_at | DRG2 | developmentally regulated GTP binding protein 2 | - 1.34 |
| 203269_at | NSMAF | neutral sphingomyelinase (N- SMase) activation associated factor | 1.61 |

| | | | |
|-------------|-------|---|-----------|
| 203282_at | GBE1 | glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Andersen disease, glycogen storage disease type IV) | - 1.64 |
| 203301_s_at | DMTF1 | cyclin D binding myb-like transcription factor 1 | 1.9 |
| 203302_at | DCK | deoxycytidine kinase | 2.63 |
| 203304_at | BAMBI | BMP and activin membrane-bound inhibitor homolog (Xenopus laevis) | 2.55 |
| 203309_s_at | HPS1 | Hermansky-Pudlak syndrome 1 | - 1.26 |
| 203313_s_at | TGIF1 | TGFB-induced factor homeobox 1 | 2.16 |
| 203324_s_at | CAV2 | caveolin 2 | 2.28 |

| | | | |
|-------------|---------|---|------|
| 203329_at | PTPRM | protein tyrosine phosphatase, receptor type, M | 1.73 |
| 203333_at | KIFAP3 | kinesin-associated protein 3 | 1.73 |
| 203379_at | RPS6KA1 | ribosomal protein S6 kinase, 90kDa, polypeptide 1 | 1.34 |
| 203380_x_at | SFRS5 | splicing factor, arginine/serine- rich 5 | 1.57 |
| 203385_at | DGKA | diacylglycerol kinase, alpha 80kDa | 1.59 |
| 203386_at | TBC1D4 | TBC1 domain family, member 4 | 1.56 |
| 203397_s_at | GALNT3 | UDP-N-acetyl-alpha-D- galactosamine:polypeptide N- acetylgalactosaminyltransferase 3 (GalNAc-T3) | 1.88 |
| 203404_at | ARMCX2 | armadillo repeat containing, X- linked 2 | 1.57 |
| 203416_at | CD53 | CD53 molecule | 3.71 |

| | | | |
|-------------|----------|--|-----------|
| 203423_at | RBP1 | retinol binding protein 1, cellular | 4.11 |
| 203435_s_at | MME | membrane metallo- endopeptidase | - 2.22 |
| 203436_at | RPP30 | ribonuclease P/MRP 30kDa subunit | 1.45 |
| 203457_at | STX7 | syntaxin 7 | 1.4 |
| 203461_at | CHD2 | chromodomain helicase DNA binding protein 2 | - 1.22 |
| 203476_at | TPBG | trophoblast glycoprotein | 1.77 |
| 203485_at | RTN1 | reticulon 1 | 1.53 |
| 203505_at | ABCA1 | ATP-binding cassette, sub- family A (ABC1), member 1 | - 1.94 |
| 203508_at | TNFRSF1B | tumor necrosis factor receptor superfamily, member 1B | 1.83 |

| | | | |
|-------------|--------|--|-----------|
| 203522_at | CCS | copper chaperone for superoxide dismutase | - 1.44 |
| 203523_at | LSP1 | lymphocyte-specific protein 1 | 1.42 |
| 203528_at | SEMA4D | sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D | 1.58 |
| 203546_at | IPO13 | importin 13 | - 1.32 |
| 203550_s_at | C1orf2 | chromosome 1 open reading frame 2 | - 1.39 |
| 203561_at | FCGR2A | Fc fragment of IgG, low affinity IIa, receptor (CD32) | 2.41 |
| 203563_at | AFAP1 | actin filament associated protein 1 | 1.13 |

| | | | |
|-------------|--------|---|-----------|
| 203566_s_at | AGL | amylo-1, 6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III) | - 2.31 |
| 203569_s_at | OFD1 | oral-facial-digital syndrome 1 | 2.07 |
| 203570_at | LOXL1 | lysyl oxidase-like 1 | 2.2 |
| 203602_s_at | ZBTB17 | zinc finger and BTB domain containing 17 | - 1.54 |
| 203620_s_at | FCHSD2 | FCH and double SH3 domains 2 | 1.78 |
| 203633_at | CPT1A | carnitine palmitoyltransferase 1A (liver) | 2.96 |
| 203636_at | MID1 | midline 1 (Opitz/BBB syndrome) | 1.96 |
| 203643_at | ERF | Ets2 repressor factor | 1.67 |

| | | | |
|-------------|---------|--|-----------|
| 203650_at | PROCR | protein C receptor, endothelial (EPCR) | 1.97 |
| 203656_at | FIG4 | FIG4 homolog (<i>S. cerevisiae</i>) | 1.41 |
| 203680_at | PRKAR2B | protein kinase, cAMP- dependent, regulatory, type II, beta | 2.17 |
| 203688_at | PKD2 | polycystic kidney disease 2 (autosomal dominant) | 1.94 |
| 203697_at | FRZB | frizzled-related protein | 3.17 |
| 203698_s_at | FRZB | frizzled-related protein | 2.12 |
| 203703_s_at | TTL4 | tubulin tyrosine ligase-like family, member 4 | - 1.33 |
| 203705_s_at | FZD7 | frizzled homolog 7 (<i>Drosophila</i>) | 1.83 |

| | | | |
|-------------|---------|---|------|
| 203708_at | PDE4B | phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 duncce homolog, Drosophila) | 2.73 |
| 203718_at | PNPLA6 | patatin-like phospholipase domain containing 6 | 1.43 |
| 203725_at | GADD45A | growth arrest and DNA-damage-inducible, alpha | 2.62 |
| 203726_s_at | LAMA3 | laminin, alpha 3 | 1.38 |
| 203729_at | EMP3 | epithelial membrane protein 3 | 2.27 |
| 203760_s_at | SLA | Src-like-adaptor | 1.94 |
| 203766_s_at | LMOD1 | leiomodrin 1 (smooth muscle) | 1.49 |
| 203787_at | SSBP2 | single-stranded DNA binding protein 2 | 1.68 |

| | | | |
|-------------|--------|---|-----------|
| 203851_at | IGFBP6 | insulin-like growth factor binding protein 6 | 2.73 |
| 203864_s_at | ACTN2 | actinin, alpha 2 | - 1.26 |
| 203867_s_at | NLE1 | notchless homolog 1 (Drosophila) | -1.3 |
| 203879_at | PIK3CD | phosphoinositide-3-kinase, catalytic, delta polypeptide | 1.4 |
| 203887_s_at | THBD | thrombomodulin | 3.03 |
| 203898_at | RCP9 | calcitonin gene-related peptide- receptor component protein | - 1.59 |
| 203903_s_at | HEPH | hephaestin | 2.09 |
| 203908_at | SLC4A4 | solute carrier family 4, sodium bicarbonate cotransporter, member 4 | 2.66 |
| 203915_at | CXCL9 | chemokine (C-X-C motif) ligand 9 | 6.7 |

| | | | |
|-------------|---------|---|-----------|
| 203919_at | TCEA2 | transcription elongation factor A (SII), 2 | 3.07 |
| 203943_at | KIF3B | kinesin family member 3B | - 1.57 |
| 203944_x_at | BTN2A1 | butyrophilin, subfamily 2, member A1 | 1.5 |
| 203962_s_at | NEBL | nebulette | 1.66 |
| 203971_at | SLC31A1 | solute carrier family 31 (copper transporters), member 1 | - 2.12 |
| 203988_s_at | FUT8 | fucosyltransferase 8 (alpha (1,6) fucosyltransferase) | 1.45 |
| 204000_at | GNB5 | guanine nucleotide binding protein (G protein), beta 5 | 1.73 |
| 204005_s_at | PAWR | PRKC, apoptosis, WT1, regulator | 1.63 |
| 204014_at | DUSP4 | dual specificity phosphatase 4 | 1.74 |

| | | | |
|-------------|--------|---|-----------|
| 204015_s_at | DUSP4 | dual specificity phosphatase 4 | 1.58 |
| 204018_x_at | HBA1 | hemoglobin, alpha 1 | 5.55 |
| 204036_at | EDG2 | endothelial differentiation, lysophosphatidic acid G- protein-coupled receptor, 2 | 1.83 |
| 204045_at | TCEAL1 | transcription elongation factor A (SII)-like 1 | 1.9 |
| 204053_x_at | PTEN | phosphatase and tensin homolog (mutated in multiple advanced cancers 1) | 1.8 |
| 204056_s_at | MVK | mevalonate kinase (mevalonic aciduria) | - 1.49 |
| 204057_at | IRF8 | interferon regulatory factor 8 | 2.13 |
| 204061_at | PRKX | protein kinase, X-linked | 1.6 |

| | | | |
|-------------|---------|--|-----------|
| 204077_x_at | ENTPD4 | ectonucleoside triphosphate diphosphohydrolase 4 | - 1.41 |
| 204103_at | CCL4 | chemokine (C-C motif) ligand 4 | 2.73 |
| 204118_at | CD48 | CD48 molecule | 2.97 |
| 204120_s_at | ADK | adenosine kinase | - 2.56 |
| 204122_at | TYROBP | TYRO protein tyrosine kinase binding protein | 3.82 |
| 204123_at | LIG3 | ligase III, DNA, ATP- dependent | - 1.27 |
| 204132_s_at | FOXO3 | forkhead box O3 | 2.24 |
| 204162_at | NDC80 | NDC80 homolog, kinetochore complex component (S. cerevisiae) | 1.34 |
| 204163_at | EMILIN1 | elastin microfibril interfacier 1 | 2.04 |

| | | | |
|-------------|----------|--|------|
| 204174_at | ALOX5AP | arachidonate 5-lipoxygenase-activating protein | 2.75 |
| 204179_at | MB | myoglobin | -1.4 |
| 204187_at | GMPR | guanosine monophosphate reductase | 1.56 |
| 204192_at | CD37 | CD37 molecule | 2.58 |
| 204197_s_at | RUNX3 | runt-related transcription factor 3 | 1.77 |
| 204198_s_at | RUNX3 | runt-related transcription factor 3 | 1.98 |
| 204201_s_at | PTPN13 | protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase) | 2.24 |
| 204205_at | APOBEC3G | apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G | 3 |

| | | | |
|-------------|---------|--|-----------|
| 204209_at | PCYT1A | phosphate cytidyltransferase 1, choline, alpha | - 1.42 |
| 204215_at | C7orf23 | chromosome 7 open reading frame 23 | 2.57 |
| 204221_x_at | GLIPR1 | GLI pathogenesis-related 1 (glioma) | 1.78 |
| 204222_s_at | GLIPR1 | GLI pathogenesis-related 1 (glioma) | 2.58 |
| 204223_at | PRELP | proline/arginine-rich end leucine-rich repeat protein | 2.5 |
| 204228_at | PPIH | peptidylprolyl isomerase H (cyclophilin H) | 1.46 |
| 204234_s_at | ZNF195 | zinc finger protein 195 | 1.5 |
| 204236_at | FLI1 | Friend leukemia virus integration 1 | 1.98 |
| 204249_s_at | LMO2 | LIM domain only 2 (rhombotin-like 1) | 1.65 |

| | | | |
|-------------|--------|---|------|
| 204252_at | CDK2 | cyclin-dependent kinase 2 | 1.32 |
| 204267_x_at | PKMYT1 | protein kinase, membrane associated tyrosine/threonine 1 | 1.42 |
| 204269_at | PIM2 | pim-2 oncogene | 1.33 |
| 204271_s_at | EDNRB | endothelin receptor type B | 2.69 |
| 204273_at | EDNRB | endothelin receptor type B | 2.52 |
| 204279_at | PSMB9 | proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2) | 2.08 |
| 204285_s_at | PMAIP1 | phorbol-12-myristate-13-acetate-induced protein 1 | 1.29 |

| | | | |
|-------------|---------|---|-----------|
| 204286_s_at | PMAIP1 | phorbol-12-myristate-13-acetate-induced protein 1 | 1.28 |
| 204301_at | KBTBD11 | kelch repeat and BTB (POZ) domain containing 11 | -1.5 |
| 204304_s_at | PROM1 | prominin 1 | 3.95 |
| 204312_x_at | CREB1 | cAMP responsive element binding protein 1 | 1.44 |
| 204313_s_at | CREB1 | cAMP responsive element binding protein 1 | 1.43 |
| 204316_at | RGS10 | regulator of G-protein signaling 10 | 1.22 |
| 204319_s_at | RGS10 | regulator of G-protein signaling 10 | 3.18 |
| 204325_s_at | NF1 | neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease) | - 1.19 |
| 204326_x_at | MT1X | metallothionein 1X | - 1.99 |

| | | | |
|-------------|----------|--|-----------|
| 204342_at | SLC25A24 | solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24 | 1.9 |
| 204352_at | TRAF5 | TNF receptor-associated factor 5 | 2.05 |
| 204368_at | SLCO2A1 | solute carrier organic anion transporter family, member 2A1 | 1.64 |
| 204385_at | KYNU | kynureninase (L-kynurenine hydrolase) | -1.6 |
| 204388_s_at | MAOA | monoamine oxidase A | - 2.38 |
| 204389_at | MAOA | monoamine oxidase A | - 1.98 |
| 204393_s_at | ACPP | acid phosphatase, prostate | - 1.14 |
| 204396_s_at | GRK5 | G protein-coupled receptor kinase 5 | 1.89 |
| 204402_at | RHBDD3 | rhomboid domain containing 3 | -1.4 |

| | | | |
|-------------|---------|--|------|
| 204404_at | SLC12A2 | solute carrier family 12 (sodium/potassium/chloride transporters), member 2 | 1.71 |
| 204429_s_at | SLC2A5 | solute carrier family 2 (facilitated glucose/fructose transporter), member 5 | -1.4 |
| 204439_at | IFI44L | interferon-induced protein 44- like | 7.49 |
| 204451_at | FZD1 | frizzled homolog 1 (Drosophila) | 2.59 |
| 204454_at | LDOC1 | leucine zipper, down-regulated in cancer 1 | 1.51 |
| 204457_s_at | GAS1 | growth arrest-specific 1 | 5.63 |
| 204490_s_at | CD44 | CD44 molecule (Indian blood group) | 1.89 |

| | | | |
|-------------|--------|---|-------|
| 204491_at | PDE4D | phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 duncce homolog, Drosophila) | 2.09 |
| 204498_s_at | ADCY9 | adenylate cyclase 9 | 1.35 |
| 204516_at | ATXN7 | ataxin 7 | 2.01 |
| 204519_s_at | PLLP | plasma membrane proteolipid (plasmolipin) | 1.74 |
| 204526_s_at | TBC1D8 | TBC1 domain family, member 8 (with GRAM domain) | 1.82 |
| 204533_at | CXCL10 | chemokine (C-X-C motif) ligand 10 | 10.89 |
| 204537_s_at | GABRE | gamma-aminobutyric acid (GABA) A receptor, epsilon | 1.67 |

| | | | |
|-------------|---------|---|-----------|
| 204538_x_at | NPIP | nuclear pore complex interacting protein | 1.41 |
| 204552_at | | NA | 1.69 |
| 204554_at | PPP1R3D | protein phosphatase 1, regulatory (inhibitor) subunit 3D | 1.24 |
| 204557_s_at | DZIP1 | DAZ interacting protein 1 | 1.32 |
| 204558_at | RAD54L | RAD54-like (<i>S. cerevisiae</i>) | - 1.28 |
| 204559_s_at | LSM7 | LSM7 homolog, U6 small nuclear RNA associated (<i>S.</i> <i>cerevisiae</i>) | 1.49 |
| 204583_x_at | KLK3 | kallikrein-related peptidase 3 | - 1.22 |
| 204586_at | BSN | bassoon (presynaptic cytomatrix protein) | - 1.19 |
| 204595_s_at | STC1 | stanniocalcin 1 | 2.37 |
| 204597_x_at | STC1 | stanniocalcin 1 | 2.26 |
| 204606_at | CCL21 | chemokine (C-C motif) ligand 21 | 5.35 |

| | | | |
|-------------|--------|---|-----------|
| 204613_at | PLCG2 | phospholipase C, gamma 2 (phosphatidylinositol-specific) | 1.95 |
| 204619_s_at | VCAN | versican | 2.26 |
| 204643_s_at | ENOX2 | ecto-NOX disulfide-thiol exchanger 2 | - 1.54 |
| 204655_at | CCL5 | chemokine (C-C motif) ligand 5 | 4.02 |
| 204661_at | CD52 | CD52 molecule | 3.71 |
| 204682_at | LTBP2 | latent transforming growth factor beta binding protein 2 | 1.75 |
| 204683_at | ICAM2 | intercellular adhesion molecule 2 | 1.59 |
| 204688_at | SGCE | sarcoglycan, epsilon | 2.53 |
| 204698_at | ISG20 | interferon stimulated exonuclease gene 20kDa | 3.33 |
| 204701_s_at | STOML1 | stomatin (EPB72)-like 1 | - 1.43 |
| 204702_s_at | NFE2L3 | nuclear factor (erythroid- | 1.3 |

| | | | |
|-------------|--------|---|-----------|
| | | derived 2)-like 3 | |
| 204723_at | SCN3B | sodium channel, voltage-gated, type III, beta | - 1.19 |
| 204735_at | PDE4A | phosphodiesterase 4A, cAMP- specific (phosphodiesterase E2 dunce homolog, Drosophila) | 1.31 |
| 204743_at | TAGLN3 | transgelin 3 | -1.4 |
| 204745_x_at | MT1G | metallothionein 1G | - 2.67 |
| 204747_at | IFIT3 | interferon-induced protein with tetratricopeptide repeats 3 | 2.16 |
| 204757_s_at | TMEM24 | transmembrane protein 24 | - 1.39 |

| | | | |
|-------------|---------|---|-----------|
| 204759_at | RCBTB2 | regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2 | 1.97 |
| 204765_at | ARHGEF5 | Rho guanine nucleotide exchange factor (GEF) 5 | - 1.47 |
| 204774_at | EVI2A | ecotropic viral integration site 2A | 4.66 |
| 204780_s_at | FAS | Fas (TNF receptor superfamily, member 6) | 2.19 |
| 204781_s_at | FAS | Fas (TNF receptor superfamily, member 6) | 1.67 |
| 204790_at | SMAD7 | SMAD family member 7 | 2.39 |
| 204794_at | DUSP2 | dual specificity phosphatase 2 | 1.64 |

| | | | |
|-------------|--------|---|------|
| 204806_x_at | HLA-F | major histocompatibility complex, class I, F | 2.13 |
| 204820_s_at | BTN3A3 | butyrophilin, subfamily 3, member A3 | 2.52 |
| 204821_at | BTN3A3 | butyrophilin, subfamily 3, member A3 | 1.88 |
| 204823_at | NAV3 | neuron navigator 3 | 2.02 |
| 204829_s_at | FOLR2 | folate receptor 2 (fetal) | 1.66 |
| 204834_at | FGL2 | fibrinogen-like 2 | 4.07 |
| 204838_s_at | MLH3 | mutL homolog 3 (E. coli) | 1.62 |
| 204856_at | B3GNT3 | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 | 1.41 |
| 204857_at | MAD1L1 | MAD1 mitotic arrest deficient-like 1 (yeast) | 1.75 |
| 204881_s_at | UGCG | UDP-glucose ceramide glucosyltransferase | 3.16 |

| | | | |
|-------------|----------|--|-----------|
| | | | |
| 204882_at | ARHGAP25 | Rho GTPase activating protein 25 | 1.72 |
| 204891_s_at | LCK | lymphocyte-specific protein tyrosine kinase | 1.83 |
| 204894_s_at | AOC3 | amine oxidase, copper containing 3 (vascular adhesion protein 1) | 2.12 |
| 204897_at | PTGER4 | prostaglandin E receptor 4 (subtype EP4) | 5.43 |
| 204900_x_at | SAP30 | Sin3A-associated protein, 30kDa | 2 |
| 204912_at | IL10RA | interleukin 10 receptor, alpha | 2.16 |
| 204930_s_at | BNIP1 | BCL2/adenovirus E1B 19kDa interacting protein 1 | - 1.37 |
| 204931_at | TCF21 | transcription factor 21 | 1.93 |

| | | | |
|-------------|---------|---|-----------|
| 204952_at | LYPD3 | LY6/PLAUR domain containing 3 | -1.3 |
| 204955_at | SRPX | sushi-repeat-containing protein, X-linked | 3.01 |
| 204960_at | PTPRCAP | protein tyrosine phosphatase, receptor type, C-associated protein | 1.42 |
| 204972_at | OAS2 | 2'-5'-oligoadenylate synthetase 2, 69/71kDa | 2.87 |
| 204984_at | GPC4 | glypican 4 | 2.46 |
| 204988_at | FGB | fibrinogen beta chain | - 1.34 |
| 204994_at | MX2 | myxovirus (influenza virus) resistance 2 (mouse) | 1.85 |
| 204998_s_at | ATF5 | activating transcription factor 5 | -3.4 |
| 204999_s_at | ATF5 | activating transcription factor 5 | - 4.49 |
| 205004_at | NKRF | NF-kappaB repressing factor | - 1.28 |

| | | | |
|-------------|-------|---|-----------|
| 205020_s_at | ARL4A | ADP-ribosylation factor-like 4A | 1.44 |
| 205043_at | CFTR | cystic fibrosis transmembrane conductance regulator (ATP- binding cassette sub-family C, member 7) | 3.82 |
| 205044_at | GABRP | gamma-aminobutyric acid (GABA) A receptor, pi | 2.62 |
| 205065_at | ENPP1 | ectonucleotide pyrophosphatase/phosphodiesterase 1 | - 1.13 |
| 205066_s_at | ENPP1 | ectonucleotide pyrophosphatase/phosphodiesterase 1 | - 2.14 |

| | | | |
|-------------|----------|--|-----------|
| 205075_at | SERPINF2 | serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2 | - 1.93 |
| 205083_at | AOX1 | aldehyde oxidase 1 | - 2.29 |
| 205094_at | PEX12 | peroxisomal biogenesis factor 12 | - 1.51 |
| 205110_s_at | FGF13 | fibroblast growth factor 13 | 1.37 |
| 205111_s_at | PLCE1 | phospholipase C, epsilon 1 | 1.24 |
| 205114_s_at | CCL3 | chemokine (C-C motif) ligand 3 | 2.14 |
| 205120_s_at | SGCB | sarcoglycan, beta (43kDa dystrophin-associated glycoprotein) | 2.1 |
| 205149_s_at | CLCN4 | chloride channel 4 | - 1.21 |

| | | | |
|-------------|---------|--|-----------|
| 205153_s_at | CD40 | CD40 molecule, TNF receptor superfamily member 5 | 1.38 |
| 205173_x_at | CD58 | CD58 molecule | 2.03 |
| 205174_s_at | QPCT | glutaminy-peptide cyclotransferase (glutaminy cyclase) | 1.29 |
| 205175_s_at | KHK | ketoheokinase (fructokinase) | 1.88 |
| 205189_s_at | FANCC | Fanconi anemia, complementation group C | - 2.33 |
| 205214_at | STK17B | serine/threonine kinase 17b | 1.93 |
| 205227_at | IL1RAP | interleukin 1 receptor accessory protein | - 2.02 |
| 205238_at | CXorf34 | chromosome X open reading frame 34 | - 1.48 |

| | | | |
|-------------|---------|---|-----------|
| 205239_at | AREG | amphiregulin (schwannoma-derived growth factor) | 3.96 |
| 205256_at | ZBTB39 | zinc finger and BTB domain containing 39 | - 1.27 |
| 205260_s_at | ACYP1 | acylphosphatase 1, erythrocyte (common) type | 1.53 |
| 205261_at | PGC | progastricsin (pepsinogen C) | - 1.41 |
| 205267_at | POU2AF1 | POU class 2 associating factor 1 | 3.65 |
| 205269_at | LCP2 | lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa) | 3.94 |

| | | | |
|-------------|--------|---|-----------|
| 205270_s_at | LCP2 | lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa) | 2.25 |
| 205288_at | CDC14A | CDC14 cell division cycle 14 homolog A (<i>S. cerevisiae</i>) | 1.24 |
| 205290_s_at | BMP2 | bone morphogenetic protein 2 | 1.52 |
| 205293_x_at | BAIAP2 | BAI1-associated protein 2 | - 1.48 |
| 205315_s_at | SNTB2 | syntrophin, beta 2 (dystrophin- associated protein A1, 59kDa, basic component 2) | 1.46 |
| 205318_at | KIF5A | kinesin family member 5A | - 1.43 |
| 205336_at | PVALB | parvalbumin | - 1.23 |

| | | | |
|-------------|--------|--|-----------|
| 205354_at | GAMT | guanidinoacetate N-methyltransferase | - 1.96 |
| 205359_at | AKAP6 | A kinase (PRKA) anchor protein 6 | - 1.33 |
| 205381_at | LRRC17 | leucine rich repeat containing 17 | 2.52 |
| 205383_s_at | ZBTB20 | zinc finger and BTB domain containing 20 | 1.8 |
| 205399_at | DCLK1 | doublecortin-like kinase 1 | 1.26 |
| 205407_at | RECK | reversion-inducing-cysteine-rich protein with kazal motifs | 2.44 |
| 205431_s_at | BMP5 | bone morphogenetic protein 5 | 1.38 |
| 205434_s_at | AAK1 | AP2 associated kinase 1 | 1.56 |
| 205445_at | PRL | prolactin | - 1.27 |

| | | | |
|-------------|--------|---|-----------|
| | | | - |
| 205449_at | SAC3D1 | SAC3 domain containing 1 | 1.74 |
| 205466_s_at | HS3ST1 | heparan sulfate (glucosamine) 3-O-sulfotransferase 1 | 1.93 |
| 205477_s_at | AMBP | alpha-1-microglobulin/bikunin precursor | - 1.32 |
| 205483_s_at | ISG15 | ISG15 ubiquitin-like modifier | 7.65 |
| 205488_at | GZMA | granzyme A (granzyme 1, cytotoxic T-lymphocyte- associated serine esterase 3) | 3.58 |
| 205491_s_at | GJB3 | gap junction protein, beta 3, 31kDa | - 1.18 |
| 205492_s_at | DPYSL4 | dihydropyrimidinase-like 4 | - 1.27 |
| 205514_at | ZNF415 | zinc finger protein 415 | 1.15 |

| | | | |
|-------------|---------|--|-----------|
| 205518_s_at | CMAH | cytidine monophosphate-N-acetylneuraminic acid hydroxylase (CMP-N-acetylneuraminate monooxygenase) | 3.06 |
| 205524_s_at | HAPLN1 | hyaluronan and proteoglycan link protein 1 | - 1.25 |
| 205525_at | CALD1 | caldesmon 1 | 1.97 |
| 205528_s_at | RUNX1T1 | runt-related transcription factor 1; translocated to, 1 (cyclin D-related) | 1.24 |
| 205532_s_at | CDH6 | cadherin 6, type 2, K-cadherin (fetal kidney) | 1.4 |
| 205542_at | STEAP1 | six transmembrane epithelial antigen of the prostate 1 | -3.8 |
| 205548_s_at | BTG3 | BTG family, member 3 | 2.2 |

| | | | |
|-------------|---------|--|-----------|
| 205552_s_at | OAS1 | 2',5'-oligoadenylate synthetase 1, 40/46kDa | 2.48 |
| 205559_s_at | PCSK5 | proprotein convertase subtilisin/kexin type 5 | 1.29 |
| 205582_s_at | GGTLA1 | gamma-glutamyltransferase- like activity 1 | 1.76 |
| 205584_at | CXorf45 | chromosome X open reading frame 45 | 1.59 |
| 205592_at | SLC4A1 | solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group) | - 1.33 |
| 205596_s_at | SMURF2 | SMAD specific E3 ubiquitin protein ligase 2 | 2.62 |

| | | | |
|-------------|---------|---|-----------|
| 205600_x_at | HOXB5 | homeobox B5 | - 1.51 |
| 205613_at | SYT17 | synaptotagmin XVII | - 1.71 |
| 205634_x_at | LENG4 | leukocyte receptor cluster (LRC) member 4 | - 1.36 |
| 205637_s_at | SH3GL3 | SH3-domain GRB2-like 3 | - 1.43 |
| 205638_at | BAI3 | brain-specific angiogenesis inhibitor 3 | 1.34 |
| 205640_at | ALDH3B1 | aldehyde dehydrogenase 3 family, member B1 | 1.35 |
| 205642_at | CEP110 | centrosomal protein 110kDa | 1.27 |
| 205643_s_at | PPP2R2B | protein phosphatase 2 (formerly 2A), regulatory subunit B, beta isoform | - 1.27 |

| | | | |
|-------------|---------|--|-----------|
| 205645_at | REPS2 | RALBP1 associated Eps domain containing 2 | - 1.29 |
| 205649_s_at | FGA | fibrinogen alpha chain | -1.5 |
| 205654_at | C4BPA | complement component 4 binding protein, alpha | - 1.66 |
| 205660_at | OASL | 2'-5'-oligoadenylate synthetase-like | 3.18 |
| 205663_at | PCBP3 | poly(rC) binding protein 3 | - 1.46 |
| 205668_at | LY75 | lymphocyte antigen 75 | 2.55 |
| 205684_s_at | DENND4C | DENN/MADD domain containing 4C | 1.66 |
| 205723_at | CNTFR | ciliary neurotrophic factor receptor | - 1.43 |
| 205724_at | PKP1 | plakophilin 1 (ectodermal dysplasia/skin fragility syndrome) | - 1.28 |

| | | | |
|-------------|---------|--|------|
| | | | - |
| 205754_at | F2 | coagulation factor II (thrombin) | 1.67 |
| 205758_at | CD8A | CD8a molecule | 2.71 |
| | | | - |
| 205783_at | KLK13 | kallikrein-related peptidase 13 | 1.41 |
| | | | - |
| 205785_at | ITGAM | integrin, alpha M (complement component 3 receptor 3 subunit) | 1.24 |
| | | | - |
| 205788_s_at | ZC3H11A | zinc finger CCCH-type containing 11A | 1.46 |
| | | | - |
| 205802_at | TRPC1 | transient receptor potential cation channel, subfamily C, member 1 | 1.42 |
| | | | - |
| 205803_s_at | TRPC1 | transient receptor potential cation channel, subfamily C, member 1 | 1.44 |
| | | | - |
| 205823_at | RGS12 | regulator of G-protein signaling 12 | 1.65 |

| | | | |
|-------------|---------|--|-----------|
| 205834_s_at | PART1 | prostate androgen-regulated transcript 1 | - 1.29 |
| 205840_x_at | GH1 | growth hormone 1 | - 1.23 |
| 205843_x_at | CRAT | carnitine acetyltransferase | -1.7 |
| 205845_at | CACNA1H | calcium channel, voltage-dependent, T type, alpha 1H subunit | - 1.38 |
| 205849_s_at | UQCRB | ubiquinol-cytochrome c reductase binding protein | 1.46 |
| 205870_at | BDKRB2 | bradykinin receptor B2 | 1.88 |
| 205871_at | PLGLB2 | plasminogen-like B2 | - 1.67 |
| 205878_at | POU6F1 | POU class 6 homeobox 1 | 1.43 |
| 205879_x_at | RET | ret proto-oncogene | - 1.56 |

| | | | |
|-------------|--------|---|-----------|
| 205907_s_at | OMD | osteomodulin | 1.7 |
| 205929_at | GPA33 | glycoprotein A33 (transmembrane) | - 1.31 |
| 205935_at | FOXF1 | forkhead box F1 | 1.36 |
| 205960_at | PDK4 | pyruvate dehydrogenase kinase, isozyme 4 | 4.87 |
| 205965_at | BATF | basic leucine zipper transcription factor, ATF-like | 1.61 |
| 205970_at | MT3 | metallothionein 3 | - 1.55 |
| 205975_s_at | HOXD1 | homeobox D1 | - 1.24 |
| 205992_s_at | IL15 | interleukin 15 | 1.57 |
| 205997_at | ADAM28 | ADAM metallopeptidase domain 28 | 1.55 |
| 206009_at | ITGA9 | integrin, alpha 9 | 1.42 |
| 206011_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 2.24 |

| | | | |
|-------------|--------|---|-----------|
| 206012_at | LEFTY2 | left-right determination factor 2 | - 1.25 |
| 206028_s_at | MERTK | c-mer proto-oncogene tyrosine kinase | 2.42 |
| 206042_x_at | SNURF | SNRPN upstream reading frame | 2.55 |
| 206060_s_at | PTPN22 | protein tyrosine phosphatase, non-receptor type 22 (lymphoid) | 1.36 |
| 206066_s_at | RAD51C | RAD51 homolog C (S. cerevisiae) | 1.35 |
| 206071_s_at | EPHA3 | EPH receptor A3 | 1.63 |
| 206100_at | CPM | carboxypeptidase M | 2.26 |
| 206123_at | LLGL1 | lethal giant larvae homolog 1 (Drosophila) | - 2.26 |
| 206132_at | MCC | mutated in colorectal cancers | -1.7 |
| 206178_at | PLA2G5 | phospholipase A2, group V | 1.54 |

| | | | |
|-------------|--------|--|-----------|
| 206195_x_at | GH2 | growth hormone 2 | -1.3 |
| 206197_at | NME5 | non-metastatic cells 5, protein expressed in (nucleoside- diphosphate kinase) | 1.37 |
| 206200_s_at | ANXA11 | annexin A11 | 1.92 |
| 206212_at | CPA2 | carboxypeptidase A2 (pancreatic) | -1.3 |
| 206214_at | PLA2G7 | phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) | 2.33 |
| 206231_at | KCNN1 | potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1 | - 1.31 |

| | | | |
|-------------|---------|--|-----------|
| 206232_s_at | B4GALT6 | UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6 | - 1.11 |
| 206250_x_at | AVPR1A | arginine vasopressin receptor 1A | - 1.68 |
| 206252_s_at | AVPR1A | arginine vasopressin receptor 1A | - 1.56 |
| 206291_at | NTS | neurotensin | 2.01 |
| 206295_at | IL18 | interleukin 18 (interferon-gamma-inducing factor) | 2.43 |
| 206317_s_at | ABCB8 | ATP-binding cassette, sub-family B (MDR/TAP), member 8 | - 1.29 |
| 206350_at | APCS | amyloid P component, serum | - 1.69 |
| 206354_at | SLCO1B3 | solute carrier organic anion transporter family, member 1B3 | - 3.06 |

| | | | |
|-------------|---------|---|-----------|
| 206366_x_at | XCL1 | chemokine (C motif) ligand 1 | 1.93 |
| 206370_at | PIK3CG | phosphoinositide-3-kinase, catalytic, gamma polypeptide | 1.15 |
| 206392_s_at | RARRES1 | retinoic acid receptor responder (tazarotene induced) 1 | 2.18 |
| 206395_at | DGKG | diacylglycerol kinase, gamma 90kDa | - 1.14 |
| 206413_s_at | TCL1B | T-cell leukemia/lymphoma 1B | - 1.29 |
| 206430_at | CDX1 | caudal type homeobox 1 | - 1.39 |
| 206454_s_at | RHO | rhodopsin (opsin 2, rod pigment) (retinitis pigmentosa 4, autosomal dominant) | -1.3 |
| 206461_x_at | MT1H | metallothionein 1H | - 1.78 |

| | | | |
|-------------|---------|---|-----------|
| 206498_at | OCA2 | oculocutaneous albinism II (pink-eye dilution homolog, mouse) | - 1.31 |
| 206509_at | PIP | prolactin-induced protein | -1.4 |
| 206520_x_at | SIGLEC6 | sialic acid binding Ig-like lectin 6 | - 1.33 |
| 206524_at | T | T, brachyury homolog (mouse) | - 1.32 |
| 206561_s_at | AKR1B10 | aldo-keto reductase family 1, member B10 (aldose reductase) | 8.09 |
| 206567_s_at | PHF20 | PHD finger protein 20 | 1.32 |
| 206584_at | LY96 | lymphocyte antigen 96 | 2.94 |
| 206586_at | CNR2 | cannabinoid receptor 2 (macrophage) | - 1.51 |
| 206594_at | PASK | PAS domain containing serine/threonine kinase | -1.3 |

| | | | |
|-----------|----------|--|------|
| 206599_at | SLC16A5 | solute carrier family 16, member 5 (monocarboxylic acid transporter 6) | -1.2 |
| 206614_at | GDF5 | growth differentiation factor 5 | 1.35 |
| 206625_at | PRPH2 | peripherin 2 (retinal degeneration, slow) | -1.2 |
| 206629_at | ADAMTSL2 | ADAMTS-like 2 | 1.87 |
| 206630_at | TYR | tyrosinase (oculocutaneous albinism IA) | 1.28 |
| 206631_at | PTGER2 | prostaglandin E receptor 2 (subtype EP2), 53kDa | 1.55 |
| 206637_at | P2RY14 | purinergic receptor P2Y, G- protein coupled, 14 | 1.4 |
| 206638_at | HTR2B | 5-hydroxytryptamine (serotonin) receptor 2B | 2.18 |

| | | | |
|-------------|----------|---|-----------|
| 206668_s_at | SCAMP1 | secretory carrier membrane protein 1 | 1.63 |
| 206690_at | ACCN1 | amiloride-sensitive cation channel 1, neuronal (degenerin) | - 1.24 |
| 206694_at | PNLIPRP1 | pancreatic lipase-related protein 1 | - 1.29 |
| 206697_s_at | HP | haptoglobin | -1.6 |
| 206701_x_at | EDNRB | endothelin receptor type B | 2.68 |
| 206703_at | CHRNA1 | cholinergic receptor, nicotinic, beta 1 (muscle) | - 1.22 |
| 206707_x_at | C6orf32 | chromosome 6 open reading frame 32 | 1.24 |
| 206719_at | SYNGR4 | synaptogyrin 4 | - 1.21 |

| | | | |
|-------------|-------|---|-----------|
| 206723_s_at | EDG4 | endothelial differentiation, lysophosphatidic acid G- protein-coupled receptor, 4 | 1.31 |
| 206727_at | C9 | complement component 9 | - 1.87 |
| 206743_s_at | ASGR1 | asialoglycoprotein receptor 1 | - 2.01 |
| 206780_at | GAD2 | glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa) | - 1.29 |
| 206783_at | FGF4 | fibroblast growth factor 4 (heparin secretory transforming protein 1, Kaposi sarcoma oncogene) | -1.3 |
| 206798_x_at | DLEC1 | deleted in lung and esophageal cancer 1 | - 1.41 |
| 206804_at | CD3G | CD3g molecule, gamma (CD3- TCR complex) | 1.39 |
| 206807_s_at | ADD2 | adducin 2 (beta) | -1.5 |

| | | | |
|-------------|--------|--|-----------|
| 206821_x_at | HRBL | HIV-1 Rev binding protein-like | - 1.37 |
| 206849_at | GABRG2 | gamma-aminobutyric acid (GABA) A receptor, gamma 2 | -1.2 |
| 206896_s_at | GNG7 | guanine nucleotide binding protein (G protein), gamma 7 | 1.39 |
| 206898_at | CDH19 | cadherin 19, type 2 | 4.91 |
| 206932_at | CH25H | cholesterol 25-hydroxylase | 2.78 |
| 206973_at | PPFIA2 | protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2 | - 1.31 |
| 206993_at | ATP5S | ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit s (factor B) | - 1.24 |

| | | | |
|-------------|---------|---|-----------|
| 207001_x_at | TSC22D3 | TSC22 domain family, member 3 | 2.54 |
| 207002_s_at | PLAGL1 | pleiomorphic adenoma gene- like 1 | 2.16 |
| 207024_at | CHRND | cholinergic receptor, nicotinic, delta | - 1.28 |
| 207028_at | MYCNOS | v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) opposite strand | - 1.19 |
| 207033_at | GIF | gastric intrinsic factor (vitamin B synthesis) | - 1.18 |
| 207035_at | SLC30A3 | solute carrier family 30 (zinc transporter), member 3 | - 1.35 |

| | | | |
|-------------|--------|---|-----------|
| 207044_at | THRB | thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian) | -1.3 |
| 207065_at | KRT75 | keratin 75 | - 1.38 |
| 207079_s_at | MED6 | mediator complex subunit 6 | 1.81 |
| 207085_x_at | CSF2RA | colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) | 1.32 |
| 207132_x_at | PFDN5 | prefoldin subunit 5 | 1.96 |
| 207138_at | PHF2 | PHD finger protein 2 | - 1.33 |
| 207168_s_at | H2AFY | H2A histone family, member Y | 1.53 |

| | | | |
|-------------|---------|--|-----------|
| 207169_x_at | DDR1 | discoidin domain receptor family, member 1 | 1.59 |
| 207170_s_at | LETMD1 | LETM1 domain containing 1 | 1.52 |
| 207173_x_at | CDH11 | cadherin 11, type 2, OB- cadherin (osteoblast) | 2.9 |
| 207187_at | JAK3 | Janus kinase 3 (a protein tyrosine kinase, leukocyte) | - 1.42 |
| 207191_s_at | ISLR | immunoglobulin superfamily containing leucine-rich repeat | 1.5 |
| 207205_at | CEACAM4 | carcinoembryonic antigen- related cell adhesion molecule 4 | - 1.13 |
| 207214_at | SPINK4 | serine peptidase inhibitor, Kazal type 4 | - 1.26 |

| | | | |
|-------------|---------|--|-----------|
| 207218_at | F9 | coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B) | - 1.55 |
| 207221_at | F2RL3 | coagulation factor II (thrombin) receptor-like 3 | - 1.17 |
| 207222_at | PLA2G10 | phospholipase A2, group X | - 1.26 |
| 207238_s_at | PTPRC | protein tyrosine phosphatase, receptor type, C | 4.88 |
| 207255_at | LEPR | leptin receptor | 3.07 |
| 207262_at | APOF | apolipoprotein F | - 2.59 |
| 207266_x_at | RBMS1 | RNA binding motif, single stranded interacting protein 1 | 3.15 |
| 207295_at | SCNN1G | sodium channel, nonvoltage-gated 1, gamma | - 1.14 |

| | | | |
|-------------|--------|--|-----------|
| 207317_s_at | CASQ2 | calsequestrin 2 (cardiac muscle) | - 1.51 |
| 207330_at | PZP | pregnancy-zone protein | - 3.63 |
| 207360_s_at | NTSR1 | neurotensin receptor 1 (high affinity) | - 1.27 |
| 207367_at | ATP12A | ATPase, H ⁺ /K ⁺ transporting, nongastric, alpha polypeptide | - 1.35 |
| 207389_at | GP1BA | glycoprotein Ib (platelet), alpha polypeptide | - 1.44 |
| 207423_s_at | ADAM20 | ADAM metallopeptidase domain 20 | - 1.27 |
| 207443_at | NR2E1 | nuclear receptor subfamily 2, group E, member 1 | - 1.18 |
| 207459_x_at | GYPB | glycophorin B (MNS blood group) | - 1.32 |
| 207473_at | MLN | motilin | - 1.32 |

| | | | |
|-------------|---------|--|-----------|
| 207485_x_at | BTN3A1 | butyrophilin, subfamily 3, member A1 | 1.39 |
| 207513_s_at | ZNF189 | zinc finger protein 189 | 1.72 |
| 207524_at | ST7 | suppression of tumorigenicity 7 | - 1.56 |
| 207538_at | IL4 | interleukin 4 | - 1.32 |
| 207541_s_at | EXOSC10 | exosome component 10 | 1.61 |
| 207547_s_at | FAM107A | family with sequence similarity 107, member A | 1.57 |
| 207562_at | DGKQ | diacylglycerol kinase, theta 110kDa | - 1.26 |
| 207571_x_at | C1orf38 | chromosome 1 open reading frame 38 | 1.87 |
| 207584_at | LPA | lipoprotein, Lp(a) | -4.5 |
| 207589_at | ADRA1B | adrenergic, alpha-1B-, receptor | - 1.41 |
| 207595_s_at | BMP1 | bone morphogenetic protein 1 | - 1.31 |

| | | | |
|-------------|-----------|---|-----------|
| 207602_at | TMPRSS11D | transmembrane protease, serine 11D | - 1.45 |
| 207630_s_at | CREM | cAMP responsive element modulator | 2.52 |
| 207644_at | FOXH1 | forkhead box H1 | - 1.45 |
| 207646_s_at | CDY1 | chromodomain protein, Y- linked, 1 | -1.3 |
| 207648_at | DRP2 | dystrophin related protein 2 | - 1.47 |
| 207670_at | KRT85 | keratin 85 | - 1.35 |
| 207691_x_at | ENTPD1 | ectonucleoside triphosphate diphosphohydrolase 1 | 1.62 |
| 207700_s_at | NCOA3 | nuclear receptor coactivator 3 | 1.96 |
| 207708_at | ALOXE3 | arachidonate lipoxygenase 3 | - 1.48 |
| 207717_s_at | PKP2 | plakophilin 2 | - 1.93 |
| 207720_at | LOR | loricrin | - |

| | | | |
|-------------|--------|--|-----------|
| | | | 1.18 |
| 207732_s_at | DLG3 | discs, large homolog 3 (neuroendocrine-dlg, Drosophila) | 1.15 |
| 207733_x_at | PSG9 | pregnancy specific beta-1- glycoprotein 9 | - 1.31 |
| 207746_at | POLQ | polymerase (DNA directed), theta | - 1.16 |
| 207748_at | | NA | - 1.39 |
| 207753_at | ZNF304 | zinc finger protein 304 | 1.43 |
| 207771_at | SLC5A2 | solute carrier family 5 (sodium/glucose cotransporter), member 2 | - 1.22 |
| 207780_at | CYLC2 | cyclin, basic protein of sperm head cytoskeleton 2 | -1.1 |
| 207808_s_at | PROS1 | protein S (alpha) | - 1.58 |

| | | | |
|-------------|---------|---|-----------|
| 207826_s_at | ID3 | inhibitor of DNA binding 3, dominant negative helix-loop- helix protein | 2.33 |
| 207829_s_at | BNIP1 | BCL2/adenovirus E1B 19kDa interacting protein 1 | 1.43 |
| 207834_at | FBLN1 | fibulin 1 | - 1.44 |
| 207842_s_at | CASC3 | cancer susceptibility candidate 3 | 1.42 |
| 207859_s_at | CHRNA3 | cholinergic receptor, nicotinic, beta 3 | - 1.18 |
| 207869_s_at | CACNA1G | calcium channel, voltage- dependent, T type, alpha 1G subunit | 1.08 |
| 207878_at | KRT76 | keratin 76 | - 1.29 |
| 207884_at | GUCY2D | guanylate cyclase 2D, membrane (retina-specific) | -1.2 |
| 207911_s_at | TGM5 | transglutaminase 5 | - |

| | | | |
|-------------|--------|-------------------------------|------|
| | | | 1.44 |
| | | | - |
| 207919_at | ART1 | ADP-ribosyltransferase 1 | 1.59 |
| | | | - |
| 207925_at | CST5 | cystatin D | 1.24 |
| | | gastrin-releasing peptide | - |
| 207929_at | GRPR | receptor | 1.35 |
| | | zona pellucida glycoprotein 2 | - |
| 207933_at | ZP2 | (sperm receptor) | 1.23 |
| | | | |
| 207941_s_at | RBM39 | RNA binding motif protein 39 | 1.53 |
| | | | |
| 207945_s_at | CSNK1D | casein kinase 1, delta | 1.73 |
| | | ankyrin 3, node of Ranvier | |
| 207950_s_at | ANK3 | (ankyrin G) | 1.41 |
| | | | |
| 207957_s_at | PRKCB1 | protein kinase C, beta 1 | 1.52 |
| | | | - |
| 207964_x_at | IFNA4 | interferon, alpha 4 | 1.17 |
| | | | |
| 207971_s_at | CEP68 | centrosomal protein 68kDa | 1.25 |

| | | | |
|-------------|--------|---|------|
| 207978_s_at | NR4A3 | nuclear receptor subfamily 4, group A, member 3 | 1.85 |
| 207991_x_at | ACRV1 | acrosomal vesicle protein 1 | 1.15 |
| 207992_s_at | AMPD3 | adenosine monophosphate deaminase (isoform E) | 1.44 |
| 207999_s_at | ADARB1 | adenosine deaminase, RNA- specific, B1 (RED1 homolog rat) | 1.33 |
| 208007_at | | NA | 1.34 |
| 208012_x_at | SP110 | SP110 nuclear body protein | 1.66 |
| 208013_s_at | ACRV1 | acrosomal vesicle protein 1 | 1.16 |
| 208030_s_at | ADD1 | adducin 1 (alpha) | 1.8 |

| | | | |
|-------------|--------|--|-----------|
| 208031_s_at | RFX2 | regulatory factor X, 2 (influences HLA class II expression) | - 1.44 |
| 208035_at | GRM6 | glutamate receptor, metabotropic 6 | - 1.26 |
| 208040_s_at | MYBPC3 | myosin binding protein C, cardiac | - 1.42 |
| 208050_s_at | CASP2 | caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down- regulated 2) | - 1.22 |
| 208106_x_at | PSG6 | pregnancy specific beta-1- glycoprotein 6 | - 1.47 |
| 208108_s_at | AVPR2 | arginine vasopressin receptor 2 (nephrogenic diabetes insipidus) | - 1.26 |

| | | | |
|-------------|---------|---|-----------|
| 208131_s_at | PTGIS | prostaglandin I2 (prostacyclin) synthase | 3.38 |
| 208146_s_at | CPVL | carboxypeptidase, vitellogenic- like | 3.16 |
| 208148_at | MYH4 | myosin, heavy chain 4, skeletal muscle | 4.02 |
| 208158_s_at | OSBPL1A | oxysterol binding protein-like 1A | 1.68 |
| 208179_x_at | KIR2DL3 | killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3 | - 1.29 |
| 208182_x_at | IFNA14 | interferon, alpha 14 | -1.2 |
| 208187_s_at | | NA | - 1.19 |

| | | | |
|-------------|--------|--|-----------|
| 208188_at | KRT9 | keratin 9 (epidermolytic palmoplantar keratoderma) | - 1.42 |
| 208190_s_at | LSR | lipolysis stimulated lipoprotein receptor | -1.5 |
| 208204_s_at | CAV3 | caveolin 3 | - 1.31 |
| 208211_s_at | ALK | anaplastic lymphoma kinase (Ki-1) | - 1.14 |
| 208224_at | HOXB1 | homeobox B1 | - 1.54 |
| 208226_x_at | ADAM22 | ADAM metallopeptidase domain 22 | - 1.21 |
| 208227_x_at | ADAM22 | ADAM metallopeptidase domain 22 | - 1.29 |
| 208237_x_at | ADAM22 | ADAM metallopeptidase domain 22 | - 1.26 |
| 208259_x_at | IFNA7 | interferon, alpha 7 | - 1.16 |
| 208279_s_at | CDRT1 | CMT1A duplicated region transcript 1 | - 1.39 |

| | | | |
|-------------|---------|--|-----------|
| | | | |
| 208285_at | OR7A5 | olfactory receptor, family 7, subfamily A, member 5 | - 1.45 |
| 208292_at | BMP10 | bone morphogenetic protein 10 | -1.2 |
| 208296_x_at | TNFAIP8 | tumor necrosis factor, alpha- induced protein 8 | 3.08 |
| 208318_s_at | XYLB | xylulokinase homolog (H. influenzae) | - 1.41 |
| 208323_s_at | ANXA13 | annexin A13 | 2.49 |
| 208325_s_at | AKAP13 | A kinase (PRKA) anchor protein 13 | 1.68 |
| 208334_at | NDST4 | N-deacetylase/N- sulfotransferase (heparan glucosaminyl) 4 | - 1.17 |
| 208384_s_at | MID2 | midline 2 | - 1.39 |
| 208391_s_at | GLP1R | glucagon-like peptide 1 | - |

| | | | |
|-------------|--------|---|-----------|
| | | receptor | 1.15 |
| 208396_s_at | PDE1A | phosphodiesterase 1A, calmodulin-dependent | 2.04 |
| 208407_s_at | CTNND1 | catenin (cadherin-associated protein), delta 1 | 1.72 |
| 208431_s_at | TUB | tubby homolog (mouse) | - 1.22 |
| 208450_at | LGALS2 | lectin, galactoside-binding, soluble, 2 | 2.18 |
| 208460_at | GJA7 | gap junction protein, alpha 7, 45kDa | - 1.34 |
| 208471_at | HPR | haptoglobin-related protein | - 3.01 |

| | | | |
|-------------|----------|---|-----------|
| 208479_at | KCNA1 | potassium voltage-gated channel, shaker-related subfamily, member 1 (episodic ataxia with myokymia) | - 1.24 |
| 208486_at | DRD5 | dopamine receptor D5 | - 1.35 |
| 208520_at | OR10H3 | olfactory receptor, family 10, subfamily H, member 3 | - 1.27 |
| 208524_at | GPR15 | G protein-coupled receptor 15 | - 1.32 |
| 208531_at | SERPINA2 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 2 | - 1.37 |
| 208532_x_at | KRTAP5-8 | keratin associated protein 5-8 | - 1.55 |

| | | | |
|-------------|-----------|---|------|
| 208540_x_at | LOC729659 | similar to Putative S100 calcium-binding protein A11 pseudogene | 1.78 |
| 208553_at | HIST1H1E | histone cluster 1, H1e | 1.14 |
| 208565_at | MC5R | melanocortin 5 receptor | 1.33 |
| 208578_at | SCN10A | sodium channel, voltage-gated, type X, alpha subunit | 1.35 |
| 208588_at | FKSG2 | apoptosis inhibitor | -1.2 |
| 208597_at | CNTF | ciliary neurotrophic factor | 1.32 |
| 208609_s_at | TNXB | tenascin XB | 1.44 |
| 208621_s_at | VIL2 | villin 2 (ezrin) | 2.29 |
| 208622_s_at | VIL2 | villin 2 (ezrin) | 2.25 |
| 208634_s_at | MACF1 | microtubule-actin crosslinking factor 1 | 1.68 |

| | | | |
|-------------|-------|---|------|
| 208640_at | RAC1 | ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) | 1.34 |
| 208641_s_at | RAC1 | ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) | 1.59 |
| 208646_at | RPS14 | ribosomal protein S14 | 1.41 |
| 208651_x_at | CD24 | CD24 molecule | 3.74 |
| 208668_x_at | HMGN2 | high-mobility group nucleosomal binding domain 2 | 1.79 |

| | | | |
|-------------|----------|---|------|
| 208678_at | ATP6V1E1 | ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E1 | 1.55 |
| 208679_s_at | ARPC2 | actin related protein 2/3 complex, subunit 2, 34kDa | 1.73 |
| 208682_s_at | MAGED2 | melanoma antigen family D, 2 | 1.69 |
| 208686_s_at | BRD2 | bromodomain containing 2 | 1.35 |
| 208690_s_at | PDLIM1 | PDZ and LIM domain 1 (elfin) | 1.69 |
| 208697_s_at | EIF3E | eukaryotic translation initiation factor 3, subunit E | 1.65 |
| 208718_at | DDX17 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 17 | 1.83 |

| | | | |
|-------------|----------|---|-----------|
| 208725_at | EIF2S2 | eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa | - 1.45 |
| 208728_s_at | CDC42 | cell division cycle 42 (GTP binding protein, 25kDa) | 1.47 |
| 208729_x_at | HLA-B | major histocompatibility complex, class I, B | 2.75 |
| 208735_s_at | CTDSP2 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2 | - 1.48 |
| 208742_s_at | SAP18 | Sin3A-associated protein, 18kDa | 1.55 |
| 208769_at | EIF4EBP2 | eukaryotic translation initiation factor 4E binding protein 2 | - 1.42 |
| 208782_at | FSTL1 | follistatin-like 1 | 2.92 |

| | | | |
|-------------|---------|--|------|
| 208798_x_at | GOLGA8A | golgi autoantigen, golgin subfamily a, 8A | 2.35 |
| 208808_s_at | HMGB2 | high-mobility group box 2 | 3.07 |
| 208812_x_at | HLA-C | major histocompatibility complex, class I, C | 1.87 |
| 208816_x_at | ANXA2P2 | annexin A2 pseudogene 2 | 1.63 |
| 208825_x_at | RPL23A | ribosomal protein L23a | 1.47 |
| 208834_x_at | RPL23A | ribosomal protein L23a | 1.37 |
| 208854_s_at | STK24 | serine/threonine kinase 24 (STE20 homolog, yeast) | 1.77 |
| 208855_s_at | STK24 | serine/threonine kinase 24 (STE20 homolog, yeast) | 2.13 |

| | | | |
|-------------|--------|---|-----------|
| 208861_s_at | ATRX | alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae) | 1.52 |
| 208876_s_at | PAK2 | p21 (CDKN1A)-activated kinase 2 | - 1.34 |
| 208877_at | PAK2 | p21 (CDKN1A)-activated kinase 2 | - 1.77 |
| 208915_s_at | GGA2 | golgi associated, gamma adaptin ear containing, ARF binding protein 2 | - 1.38 |
| 208922_s_at | NXF1 | nuclear RNA export factor 1 | 2.11 |
| 208925_at | CLDND1 | claudin domain containing 1 | 2.06 |
| 208944_at | TGFBR2 | transforming growth factor, beta receptor II (70/80kDa) | 2.03 |

| | | | |
|-------------|---------|--|------|
| | | | |
| 208978_at | CRIP2 | cysteine-rich protein 2 | 1.78 |
| 208980_s_at | UBC | ubiquitin C | 1.34 |
| 208981_at | PECAM1 | platelet/endothelial cell adhesion molecule (CD31 antigen) | 2.61 |
| 208982_at | PECAM1 | platelet/endothelial cell adhesion molecule (CD31 antigen) | 2.79 |
| 208983_s_at | PECAM1 | platelet/endothelial cell adhesion molecule (CD31 antigen) | 3.25 |
| 208998_at | UCP2 | uncoupling protein 2 (mitochondrial, proton carrier) | 2.52 |
| 208999_at | 8-Sep | septin 8 | 1.58 |
| 209006_s_at | C1orf63 | chromosome 1 open reading frame 63 | 2.9 |
| 209007_s_at | C1orf63 | chromosome 1 open reading frame 63 | 2.91 |
| 209008_x_at | KRT8 | keratin 8 | 1.55 |

| | | | |
|-------------|-----------|--|------|
| 209020_at | C20orf111 | chromosome 20 open reading frame 111 | 1.64 |
| 209022_at | STAG2 | stromal antigen 2 | 1.55 |
| 209030_s_at | CADM1 | cell adhesion molecule 1 | 1.71 |
| 209043_at | PAPSS1 | 3'-phosphoadenosine 5'- phosphosulfate synthase 1 | 1.62 |
| 209048_s_at | ZMYND8 | zinc finger, MYND-type containing 8 | 1.94 |
| 209066_x_at | UQCRB | ubiquinol-cytochrome c reductase binding protein | 1.46 |
| 209070_s_at | RGS5 | regulator of G-protein signaling 5 | 2.37 |
| 209071_s_at | RGS5 | regulator of G-protein signaling 5 | 2.49 |

| | | | |
|-------------|---------|---|-----------|
| 209074_s_at | FAM107A | family with sequence similarity 107, member A | 2.12 |
| 209075_s_at | ISCU | iron-sulfur cluster scaffold homolog (E. coli) | 1.43 |
| 209083_at | CORO1A | coronin, actin binding protein, 1A | 2.26 |
| 209102_s_at | HBP1 | HMG-box transcription factor 1 | 1.51 |
| 209110_s_at | RGL2 | ral guanine nucleotide dissociation stimulator-like 2 | 1.68 |
| 209114_at | TSPAN1 | tetraspanin 1 | - 1.41 |
| 209116_x_at | HBB | hemoglobin, beta | 8.01 |
| 209133_s_at | COMMD4 | COMM domain containing 4 | - 1.23 |
| 209139_s_at | PRKRA | protein kinase, interferon- inducible double stranded RNA dependent activator | 1.46 |
| 209140_x_at | HLA-B | major histocompatibility | 2.25 |

| | | | |
|-------------|----------|---|-----------|
| | | complex, class I, B | |
| 209145_s_at | CBFA2T2 | core-binding factor, runt domain, alpha subunit 2; translocated to, 2 | - 1.18 |
| 209154_at | TAX1BP3 | Tax1 (human T-cell leukemia virus type I) binding protein 3 | 2.32 |
| 209156_s_at | COL6A2 | collagen, type VI, alpha 2 | 2.93 |
| 209182_s_at | C10orf10 | chromosome 10 open reading frame 10 | 3.21 |
| 209184_s_at | IRS2 | insulin receptor substrate 2 | 1.66 |
| 209191_at | TUBB6 | tubulin, beta 6 | 3.14 |
| 209193_at | PIM1 | pim-1 oncogene | - 1.81 |
| 209199_s_at | MEF2C | myocyte enhancer factor 2C | 2.45 |
| 209200_at | MEF2C | myocyte enhancer factor 2C | 1.87 |
| 209211_at | KLF5 | Kruppel-like factor 5 (intestinal) | 1.6 |

| | | | |
|-------------|----------|--|-----------|
| 209212_s_at | KLF5 | Kruppel-like factor 5 (intestinal) | 1.71 |
| 209228_x_at | TUSC3 | tumor suppressor candidate 3 | 1.81 |
| 209240_at | OGT | O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N- acetylglucosamine:polypeptide- N-acetylglucosaminyl transferase) | 1.99 |
| 209260_at | SFN | stratifin | - 1.32 |
| 209263_x_at | TSPAN4 | tetraspanin 4 | 1.88 |
| 209265_s_at | METTL3 | methyltransferase like 3 | 1.59 |
| 209273_s_at | ISCA1 | iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>) | 1.48 |
| 209288_s_at | CDC42EP3 | CDC42 effector protein (Rho GTPase binding) 3 | 3.13 |

| | | | |
|-------------|--------|---|------|
| 209292_at | ID4 | inhibitor of DNA binding 4, dominant negative helix-loop- helix protein | 4 |
| 209306_s_at | SWAP70 | SWAP-70 protein | 2.82 |
| 209307_at | SWAP70 | SWAP-70 protein | 1.91 |
| 209318_x_at | PLAGL1 | pleiomorphic adenoma gene- like 1 | 2.1 |
| 209320_at | ADCY3 | adenylate cyclase 3 | 1.23 |
| 209321_s_at | ADCY3 | adenylate cyclase 3 | 1.23 |
| 209344_at | TPM4 | tropomyosin 4 | 2.43 |
| 209356_x_at | EFEMP2 | EGF-containing fibulin-like extracellular matrix protein 2 | 2.2 |
| 209361_s_at | PCBP4 | poly(rC) binding protein 4 | 1.36 |
| 209365_s_at | ECM1 | extracellular matrix protein 1 | 1.7 |
| 209369_at | ANXA3 | annexin A3 | 5.32 |
| 209374_s_at | IGHM | immunoglobulin heavy constant mu | 7.68 |
| 209386_at | TM4SF1 | transmembrane 4 L six family member 1 | 2.91 |

| | | | |
|-------------|--------|---|-----------|
| 209387_s_at | TM4SF1 | transmembrane 4 L six family member 1 | 2.99 |
| 209389_x_at | DBI | diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein) | - 1.66 |
| 209415_at | FZR1 | fizzy/cell division cycle 20 related 1 (Drosophila) | -1.4 |
| 209417_s_at | IFI35 | interferon-induced protein 35 | 1.87 |
| 209422_at | PHF20 | PHD finger protein 20 | 2.03 |
| 209428_s_at | ZFPL1 | zinc finger protein-like 1 | - 1.52 |
| 209436_at | SPON1 | spondin 1, extracellular matrix protein | 2.15 |
| 209458_x_at | HBA1 | hemoglobin, alpha 1 | 6.16 |
| 209459_s_at | ABAT | 4-aminobutyrate aminotransferase | - 1.86 |

| | | | |
|-------------|--------|--|-----------|
| 209460_at | ABAT | 4-aminobutyrate aminotransferase | - 2.03 |
| 209465_x_at | PTN | pleiotrophin (heparin binding growth factor 8, neurite growth- promoting factor 1) | 2.06 |
| 209466_x_at | PTN | pleiotrophin (heparin binding growth factor 8, neurite growth- promoting factor 1) | 1.38 |
| 209469_at | GPM6A | glycoprotein M6A | 3.75 |
| 209470_s_at | GPM6A | glycoprotein M6A | 2.87 |
| 209473_at | | NA | 1.44 |
| 209474_s_at | ENTPD1 | ectonucleoside triphosphate diphosphohydrolase 1 | 1.83 |
| 209481_at | SNRK | SNF related kinase | 2.04 |

| | | | |
|-------------|---------|---|------|
| 209504_s_at | PLEKHB1 | pleckstrin homology domain containing, family B (evectins) member 1 | 1.44 |
| 209505_at | NR2F1 | nuclear receptor subfamily 2, group F, member 1 | 2.21 |
| 209524_at | HDGFRP3 | hepatoma-derived growth factor, related protein 3 | 2.37 |
| 209526_s_at | HDGFRP3 | hepatoma-derived growth factor, related protein 3 | 1.36 |
| 209529_at | PPAP2C | phosphatidic acid phosphatase type 2C | 1.68 |
| 209534_x_at | AKAP13 | A kinase (PRKA) anchor protein 13 | 1.91 |
| 209536_s_at | EHD4 | EH-domain containing 4 | 1.59 |
| 209539_at | ARHGEF6 | Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6 | 2.1 |

| | | | |
|-------------|----------|--|-----------|
| 209545_s_at | RIPK2 | receptor-interacting serine-threonine kinase 2 | 1.65 |
| 209550_at | NDN | necdin homolog (mouse) | 1.98 |
| 209568_s_at | RGL1 | ral guanine nucleotide dissociation stimulator-like 1 | 1.7 |
| 209584_x_at | APOBEC3C | apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C | 1.34 |
| 209594_x_at | PSG9 | pregnancy specific beta-1-glycoprotein 9 | - 1.37 |
| 209598_at | PNMA2 | paraneoplastic antigen MA2 | 1.45 |
| 209604_s_at | GATA3 | GATA binding protein 3 | 1.32 |
| 209617_s_at | CTNND2 | catenin (cadherin-associated protein), delta 2 (neural plakophilin-related arm-repeat protein) | 1.17 |
| 209626_s_at | OSBPL3 | oxysterol binding protein-like 3 | 1.5 |

| | | | |
|-------------|---------|--|-----------|
| 209639_s_at | RGS12 | regulator of G-protein signaling 12 | - 1.33 |
| 209651_at | TGFB1I1 | transforming growth factor beta 1 induced transcript 1 | 2.45 |
| 209656_s_at | TMEM47 | transmembrane protein 47 | 1.76 |
| 209670_at | TRAC | T cell receptor alpha constant | 2.74 |
| 209682_at | CBLB | Cas-Br-M (murine) ecotropic retroviral transforming sequence b | 3.01 |
| 209683_at | FAM49A | family with sequence similarity 49, member A | 1.51 |
| 209685_s_at | PRKCB1 | protein kinase C, beta 1 | 2.04 |
| 209725_at | UTP20 | UTP20, small subunit (SSU) processome component, homolog (yeast) | - 1.42 |

| | | | |
|-------------|---------|--|-----------|
| 209732_at | CLEC2B | C-type lectin domain family 2, member B | 3.05 |
| 209750_at | NR1D2 | nuclear receptor subfamily 1, group D, member 2 | 2.77 |
| 209751_s_at | SEDLP | spondyloepiphyseal dysplasia, late, pseudogene | 2 |
| 209761_s_at | SP110 | SP110 nuclear body protein | 2.33 |
| 209762_x_at | SP110 | SP110 nuclear body protein | 1.92 |
| 209763_at | CHRDL1 | chordin-like 1 | 1.84 |
| 209770_at | BTN3A1 | butyrophilin, subfamily 3, member A1 | 2.03 |
| 209777_s_at | SLC19A1 | solute carrier family 19 (folate transporter), member 1 | - 1.65 |
| 209787_s_at | HMGN4 | high mobility group nucleosomal binding domain 4 | 1.98 |

| | | | |
|-------------|----------|---|-----------|
| 209804_at | DCLRE1A | DNA cross-link repair 1A (PSO2 homolog, <i>S. cerevisiae</i>) | - 1.37 |
| 209813_x_at | TRGV9 | T cell receptor gamma variable 9 | 1.53 |
| 209815_at | PTCH1 | patched homolog 1 (<i>Drosophila</i>) | 1.6 |
| 209823_x_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | 3.64 |
| 209835_x_at | CD44 | CD44 molecule (Indian blood group) | 1.8 |
| 209846_s_at | BTN3A2 | butyrophilin, subfamily 3, member A2 | 2.47 |

| | | | |
|-------------|--------|---|------|
| 209868_s_at | RBMS1 | RNA binding motif, single stranded interacting protein 1 | 3.29 |
| 209869_at | ADRA2A | adrenergic, alpha-2A-, receptor | 1.75 |
| 209874_x_at | CNNM2 | cyclin M2 | 1.32 |
| 209879_at | SELPLG | selectin P ligand | 1.38 |
| 209882_at | RIT1 | Ras-like without CAAX 1 | 1.49 |
| 209892_at | FUT4 | fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) | 1.64 |
| 209897_s_at | SLIT2 | slit homolog 2 (Drosophila) | 1.81 |
| 209901_x_at | AIF1 | allograft inflammatory factor 1 | 2.29 |

| | | | |
|-------------|--------|---|------|
| 209906_at | C3AR1 | complement component 3a receptor 1 | 1.86 |
| 209933_s_at | CD300A | CD300a molecule | 1.68 |
| 209946_at | VEGFC | vascular endothelial growth factor C | 1.84 |
| 209947_at | UBAP2L | ubiquitin associated protein 2- like | -1.3 |
| 209955_s_at | FAP | fibroblast activation protein, alpha | 1.97 |
| 209969_s_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.68 |
| 209970_x_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 2.26 |
| 209993_at | ABCB1 | ATP-binding cassette, sub- family B (MDR/TAP), member 1 | 1.56 |

| | | | |
|-------------|--------|--|-----------|
| 209994_s_at | ABCB1 | ATP-binding cassette, sub-family B (MDR/TAP), member 1 | 1.97 |
| 210013_at | HPX | hemopexin | - 1.68 |
| 210033_s_at | SPAG6 | sperm associated antigen 6 | - 1.14 |
| 210079_x_at | KCNAB1 | potassium voltage-gated channel, shaker-related subfamily, beta member 1 | - 1.28 |
| 210080_x_at | ELA3A | elastase 3A, pancreatic | -1.4 |
| 210084_x_at | TPSAB1 | tryptase alpha/beta 1 | 2.46 |
| 210088_x_at | MYL4 | myosin, light chain 4, alkali; atrial, embryonic | - 1.27 |
| 210095_s_at | IGFBP3 | insulin-like growth factor binding protein 3 | 2.19 |

| | | | |
|-------------|---------|---|-----------|
| 210105_s_at | FYN | FYN oncogene related to SRC, FGR, YES | 2.38 |
| 210109_at | C7orf54 | chromosome 7 open reading frame 54 | - 1.52 |
| 210129_s_at | TTL3 | tubulin tyrosine ligase-like family, member 3 | 1.43 |
| 210134_x_at | SHOX2 | short stature homeobox 2 | - 1.27 |
| 210140_at | CST7 | cystatin F (leukocystatin) | 1.88 |
| 210145_at | PLA2G4A | phospholipase A2, group IVA (cytosolic, calcium-dependent) | 1.66 |
| 210155_at | MYOC | myocilin, trabecular meshwork inducible glucocorticoid response | - 1.29 |
| 210162_s_at | NFATC1 | nuclear factor of activated T- cells, cytoplasmic, calcineurin- dependent 1 | 1.55 |

| | | | |
|-------------|---------|--|-----------|
| | | | |
| 210164_at | GZMB | granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) | 1.35 |
| 210169_at | SEC14L5 | SEC14-like 5 (<i>S. cerevisiae</i>) | - 1.17 |
| 210170_at | PDLIM3 | PDZ and LIM domain 3 | 1.75 |
| 210174_at | NR5A2 | nuclear receptor subfamily 5, group A, member 2 | - 1.93 |
| 210203_at | CNOT4 | CCR4-NOT transcription complex, subunit 4 | 1.14 |
| 210215_at | TFR2 | transferrin receptor 2 | - 1.91 |
| 210218_s_at | SP100 | SP100 nuclear antigen | 2.02 |
| 210260_s_at | TNFAIP8 | tumor necrosis factor, alpha-induced protein 8 | 2.83 |

| | | | |
|-------------|--------|--|-----------|
| 210276_s_at | TRIOBP | TRIO and F-actin binding protein | 1.75 |
| 210283_x_at | PAIP1 | poly(A) binding protein interacting protein 1 | - 1.48 |
| 210298_x_at | FHL1 | four and a half LIM domains 1 | 1.82 |
| 210299_s_at | FHL1 | four and a half LIM domains 1 | 2.48 |
| 210311_at | FGF5 | fibroblast growth factor 5 | - 1.23 |
| 210339_s_at | KLK2 | kallikrein-related peptidase 2 | - 1.55 |
| 210340_s_at | CSF2RA | colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) | 1.39 |
| 210345_s_at | DNAH9 | dynein, axonemal, heavy chain 9 | - 1.25 |
| 210376_x_at | ELK1 | ELK1, member of ETS oncogene family | - 1.41 |

| | | | |
|-------------|---------|--|-----------|
| 210393_at | LGR5 | leucine-rich repeat-containing G protein-coupled receptor 5 | - 1.16 |
| 210395_x_at | MYL4 | myosin, light chain 4, alkali; atrial, embryonic | - 1.27 |
| 210399_x_at | FUT6 | fucosyltransferase 6 (alpha (1,3) fucosyltransferase) | - 1.42 |
| 210400_at | GRIN2C | glutamate receptor, ionotropic, N-methyl D-aspartate 2C | - 1.19 |
| 210425_x_at | GOLGA8B | golgi autoantigen, golgin subfamily a, 8B | - 2.06 |
| 210430_x_at | RHD | Rh blood group, D antigen | - 1.39 |
| 210438_x_at | TROVE2 | TROVE domain family, member 2 | - 1.46 |
| 210467_x_at | MAGEA12 | melanoma antigen family A, 12 | - 1.15 |

| | | | |
|-------------|--------|--|-----------|
| 210473_s_at | GPR125 | G protein-coupled receptor 125 | - 2.67 |
| 210476_s_at | PRLR | prolactin receptor | - 1.33 |
| 210514_x_at | HLA-G | HLA-G histocompatibility antigen, class I, G | 1.76 |
| 210524_x_at | | NA | -2.4 |
| 210527_x_at | TUBA3C | tubulin, alpha 3c | - 1.53 |
| 210554_s_at | CTBP2 | C-terminal binding protein 2 | 1.94 |
| 210561_s_at | WSB1 | WD repeat and SOCS box-containing 1 | 2.02 |
| 210565_at | GCGR | glucagon receptor | - 1.58 |
| 210586_x_at | RHD | Rh blood group, D antigen | - 1.32 |
| 210611_s_at | DTNA | dystrobrevin, alpha | 1.12 |

| | | | |
|-------------|--------|--|-----------|
| 210617_at | PHEX | phosphate regulating endopeptidase homolog, X- linked (hypophosphatemia, vitamin D resistant rickets) | - 1.26 |
| 210635_s_at | KLHL20 | kelch-like 20 (Drosophila) | 1.45 |
| 210640_s_at | GPER | G protein-coupled estrogen receptor 1 | - 2.11 |
| 210657_s_at | 4-Sep | septin 4 | 1.83 |
| 210690_at | KLRC4 | killer cell lectin-like receptor subfamily C, member 4 | 1.06 |
| 210695_s_at | WWOX | WW domain containing oxidoreductase | -1.4 |
| 210717_at | | NA | 1.44 |
| 210734_x_at | MAX | MYC associated factor X | 1.42 |

| | | | |
|-------------|----------|---|-----------|
| 210738_s_at | SLC4A4 | solute carrier family 4, sodium bicarbonate cotransporter, member 4 | 1.56 |
| 210760_x_at | TRIP11 | thyroid hormone receptor interactor 11 | - 1.27 |
| 210785_s_at | C1orf38 | chromosome 1 open reading frame 38 | 2.54 |
| 210796_x_at | SIGLEC6 | sialic acid binding Ig-like lectin 6 | - 1.28 |
| 210803_at | TXNRD2 | thioredoxin reductase 2 | - 1.27 |
| 210804_x_at | SLC8A1 | solute carrier family 8 (sodium/calcium exchanger), member 1 | - 1.18 |
| 210817_s_at | CALCOCO2 | calcium binding and coiled-coil domain 2 | 1.37 |

| | | | |
|-------------|--------|---|-----------|
| 210832_x_at | PTGER3 | prostaglandin E receptor 3 (subtype EP3) | - 1.25 |
| 210840_s_at | IQGAP1 | IQ motif containing GTPase activating protein 1 | 1.95 |
| 210849_s_at | VPS41 | vacuolar protein sorting 41 homolog (<i>S. cerevisiae</i>) | 1.44 |
| 210864_x_at | HFE | hemochromatosis | - 1.35 |
| 210883_x_at | EFNB3 | ephrin-B3 | -1.4 |
| 210888_s_at | ITIH1 | inter-alpha (globulin) inhibitor H1 | - 2.03 |
| 210916_s_at | CD44 | CD44 molecule (Indian blood group) | 1.32 |
| 210924_at | OLFM1 | olfactomedin 1 | - 1.48 |
| 210970_s_at | IBTK | inhibitor of Bruton agammaglobulinemia tyrosine kinase | - 2.38 |
| 210976_s_at | PFKM | phosphofructokinase, muscle | 1.75 |

| | | | |
|-------------|--------|--|-----------|
| 210980_s_at | ASAH1 | N-acylsphingosine amidohydrolase (acid ceramidase) 1 | 1.54 |
| 210987_x_at | TPM1 | tropomyosin 1 (alpha) | 2.56 |
| 210991_s_at | RIMS3 | regulating synaptic membrane exocytosis 3 | - 1.29 |
| 211023_at | PDHB | pyruvate dehydrogenase (lipoamide) beta | - 1.41 |
| 211051_s_at | EXTL3 | exostoses (multiple)-like 3 | - 1.42 |
| 211068_x_at | FAM21C | family with sequence similarity 21, member C | 2.1 |
| 211073_x_at | RPL3 | ribosomal protein L3 | 1.37 |
| 211081_s_at | MAP4K5 | mitogen-activated protein kinase kinase kinase kinase 5 | 1.22 |
| 211085_s_at | STK4 | serine/threonine kinase 4 | 1.63 |

| | | | |
|-------------|--------|--|-----------|
| 211123_at | SLC5A5 | solute carrier family 5 (sodium iodide symporter), member 5 | - 1.71 |
| 211154_at | THPO | thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor) | - 1.24 |
| 211161_s_at | COL3A1 | collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant) | 2.74 |
| 211185_s_at | HIATL1 | hippocampus abundant transcript-like 1 | 1.63 |
| 211201_at | FSHR | follicle stimulating hormone receptor | - 1.19 |

| | | | |
|-------------|--------|---|-----------|
| 211238_at | ADAM7 | ADAM metallopeptidase domain 7 | -1.2 |
| 211254_x_at | RHAG | Rh-associated glycoprotein | - 1.28 |
| 211261_at | NUP214 | nucleoporin 214kDa | - 1.42 |
| 211262_at | PCSK6 | proprotein convertase subtilisin/kexin type 6 | - 1.64 |
| 211284_s_at | GRN | granulin | 1.61 |
| 211296_x_at | UBC | ubiquitin C | 1.31 |
| 211320_s_at | PTPRU | protein tyrosine phosphatase, receptor type, U | - 1.33 |
| 211328_x_at | HFE | hemochromatosis | - 1.28 |
| 211339_s_at | ITK | IL2-inducible T-cell kinase | 3.9 |
| 211340_s_at | MCAM | melanoma cell adhesion molecule | 2.16 |
| 211354_s_at | LEPR | leptin receptor | 4.08 |
| 211355_x_at | LEPR | leptin receptor | 3.72 |

| | | | |
|-------------|---------|---|-----------|
| 211356_x_at | LEPR | leptin receptor | 3.92 |
| 211366_x_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 2.46 |
| 211367_s_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 2.87 |
| 211381_x_at | SPAG11B | sperm associated antigen 11B | - 1.29 |
| 211388_s_at | | NA | - 1.18 |

| | | | |
|-------------|----------|--|-----------|
| 211401_s_at | FGFR2 | fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome) | 2.24 |
| 211405_x_at | IFNA17 | interferon, alpha 17 | - 1.33 |
| 211429_s_at | SERPINA1 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 | - 1.19 |
| 211433_x_at | KIAA1539 | KIAA1539 | - 1.33 |
| 211438_at | TRHR | thyrotropin-releasing hormone receptor | - 1.53 |
| 211446_at | RGSL2 | regulator of G-protein signaling like 2 | - 1.25 |

| | | | |
|-------------|----------|---|-----------|
| 211456_x_at | MT1P2 | metallothionein 1 pseudogene 2 | - 1.48 |
| 211472_at | PLXNB2 | plexin B2 | - 1.26 |
| 211474_s_at | SERPINB6 | serpin peptidase inhibitor, clade B (ovalbumin), member 6 | 1.41 |
| 211497_x_at | NKX3-1 | NK3 homeobox 1 | - 1.31 |
| 211504_x_at | ROCK2 | Rho-associated, coiled-coil containing protein kinase 2 | - 1.34 |
| 211506_s_at | IL8 | interleukin 8 | 3.82 |
| 211528_x_at | HLA-G | HLA-G histocompatibility | 1.82 |

| | | | |
|-------------|---------|--|-----------|
| | | antigen, class I, G | |
| 211529_x_at | HLA-G | HLA-G histocompatibility antigen, class I, G | 1.94 |
| 211530_x_at | HLA-G | HLA-G histocompatibility antigen, class I, G | 1.43 |
| 211535_s_at | FGFR1 | fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome) | 1.59 |
| 211544_s_at | GHRHR | growth hormone releasing hormone receptor | - 1.41 |
| 211555_s_at | GUCY1B3 | guanylate cyclase 1, soluble, beta 3 | 1.72 |
| 211559_s_at | CCNG2 | cyclin G2 | 1.6 |
| 211571_s_at | VCAN | versican | 2.6 |
| 211587_x_at | CHRNA3 | cholinergic receptor, nicotinic, alpha 3 | - 1.37 |

| | | | |
|-------------|-----------|--|-----------|
| 211597_s_at | HOP | homeodomain-only protein | 1.75 |
| 211621_at | AR | androgen receptor (dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease) | - 1.89 |
| 211631_x_at | B4GALT1 | UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 | - 1.45 |
| 211633_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | 3.47 |
| 211634_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 4.77 |
| 211635_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 3.03 |
| 211637_x_at | LOC652128 | similar to Ig heavy chain V-II region ARH-77 precursor | 5.07 |

| | | | |
|-------------|----------|--|-----------|
| 211639_x_at | SKAP2 | src kinase associated phosphoprotein 2 | 3.02 |
| 211640_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 2.69 |
| 211641_x_at | | NA | 1.65 |
| 211643_x_at | IGKC | immunoglobulin kappa constant | 5.3 |
| 211644_x_at | IGKC | immunoglobulin kappa constant | 16.0 4 |
| 211647_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | 1.31 |
| 211649_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | 2.22 |
| 211650_x_at | IL8 | interleukin 8 | 2.99 |

| | | | |
|-------------|---------|---|------|
| | | | |
| 211658_at | PRDX2 | peroxiredoxin 2 | 1.31 |
| 211662_s_at | VDAC2 | voltage-dependent anion channel 2 | 1.72 |
| 211663_x_at | PTGDS | prostaglandin D2 synthase 21kDa (brain) | 3.35 |
| 211671_s_at | NR3C1 | nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) | 1.55 |
| 211684_s_at | DYNC1I2 | dynein, cytoplasmic 1, intermediate chain 2 | 1.87 |
| 211696_x_at | HBB | hemoglobin, beta | 6.06 |
| 211699_x_at | HBA1 | hemoglobin, alpha 1 | 5.78 |
| 211703_s_at | TM2D1 | TM2 domain containing 1 | 1.6 |
| 211704_s_at | SPIN2B | spindlin family, member 2B | 1.24 |

| | | | |
|-------------|---------|---|------|
| 211729_x_at | BLVRA | biliverdin reductase A | 2.39 |
| 211734_s_at | FCER1A | Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide | 2.24 |
| 211737_x_at | PTN | pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1) | 1.93 |
| 211738_x_at | ELA3A | elastase 3A, pancreatic | -1.3 |
| 211742_s_at | EVI2B | ecotropic viral integration site 2B | 2.98 |
| 211745_x_at | HBA2 | hemoglobin, alpha 2 | 5.33 |
| 211749_s_at | VAMP3 | vesicle-associated membrane protein 3 (cellubrevin) | 2.07 |
| 211776_s_at | EPB41L3 | erythrocyte membrane protein band 4.1-like 3 | 1.64 |

| | | | |
|-------------|----------|--|-----------|
| 211798_x_at | IGLJ3 | immunoglobulin lambda joining 3 | 5.5 |
| 211799_x_at | HLA-C | major histocompatibility complex, class I, C | 1.99 |
| 211800_s_at | USP4 | ubiquitin specific peptidase 4 (proto-oncogene) | 1.53 |
| 211805_s_at | SLC8A1 | solute carrier family 8 (sodium/calcium exchanger), member 1 | - 1.24 |
| 211835_at | IGHV4-31 | immunoglobulin heavy variable 4-31 | 1.36 |
| 211858_x_at | GNAS | GNAS complex locus | 1.84 |
| 211864_s_at | FER1L3 | fer-1-like 3, myoferlin (C. elegans) | 1.62 |
| 211868_x_at | IFI6 | interferon, alpha-inducible protein 6 | 2.92 |

| | | | |
|-------------|--------|--|------|
| | | | - |
| 211870_s_at | PCDHA3 | protocadherin alpha 3 | 1.37 |
| 211902_x_at | TRA@ | T cell receptor alpha locus | 1.39 |
| | | | |
| 211908_x_at | IL8 | interleukin 8 | 2.17 |
| 211911_x_at | HLA-B | major histocompatibility complex, class I, B | 2.68 |
| 211926_s_at | MYH9 | myosin, heavy chain 9, non-muscle | 1.86 |
| 211929_at | HNRPA3 | heterogeneous nuclear ribonucleoprotein A3 | 1.9 |

| | | | |
|-------------|--------|--|-----------|
| 211938_at | EIF4B | eukaryotic translation initiation factor 4B | 1.46 |
| 211940_x_at | H3F3A | H3 histone, family 3A | 1.51 |
| 211944_at | BAT2D1 | BAT2 domain containing 1 | 1.94 |
| 211963_s_at | ARPC5 | actin related protein 2/3 complex, subunit 5, 16kDa | 1.62 |
| 211966_at | COL4A2 | collagen, type IV, alpha 2 | 2.64 |
| 211973_at | | NA | - 1.42 |
| 211977_at | GPR107 | G protein-coupled receptor 107 | - 1.53 |
| 211981_at | COL4A1 | collagen, type IV, alpha 1 | 4.28 |

| | | | |
|-------------|---------|---|-----------|
| 211989_at | SMARCE1 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 | 1.42 |
| 211997_x_at | H3F3B | H3 histone, family 3B (H3.3B) | 1.86 |
| 211998_at | H3F3B | H3 histone, family 3B (H3.3B) | 1.66 |
| 211999_at | H3F3B | H3 histone, family 3B (H3.3B) | 2.07 |
| 212021_s_at | MKI67 | antigen identified by monoclonal antibody Ki-67 | - 1.25 |
| 212039_x_at | RPL3 | ribosomal protein L3 | 1.33 |
| 212044_s_at | RPL27A | ribosomal protein L27a | 1.69 |
| 212063_at | CD44 | CD44 molecule (Indian blood group) | 4.61 |
| 212067_s_at | C1R | complement component 1, r subcomponent | - 1.44 |

| | | | |
|-------------|---------|---|------|
| 212074_at | UNC84A | unc-84 homolog A (C. elegans) | 1.65 |
| 212077_at | CALD1 | caldesmon 1 | 1.41 |
| 212080_at | MLL | myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) | 1.49 |
| 212085_at | SLC25A6 | solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6 | 2.3 |
| 212086_x_at | LMNA | lamin A/C | 1.78 |
| 212087_s_at | ERAL1 | Era G-protein-like 1 (E. coli) | 1.39 |
| 212097_at | CAV1 | caveolin 1, caveolae protein, 22kDa | 3.12 |
| 212102_s_at | KPNA6 | karyopherin alpha 6 (importin alpha 7) | 1.22 |

| | | | |
|-------------|--------|--|-----------|
| 212111_at | STX12 | syntaxin 12 | 1.47 |
| 212130_x_at | EIF1 | eukaryotic translation initiation factor 1 | 1.65 |
| 212140_at | PDS5A | PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae) | - 1.56 |
| 212143_s_at | IGFBP3 | insulin-like growth factor binding protein 3 | 2.69 |
| 212148_at | PBX1 | pre-B-cell leukemia homeobox 1 | 2.92 |
| 212153_at | POGZ | pogo transposable element with ZNF domain | 1.39 |
| 212155_at | RNF187 | ring finger protein 187 | - 1.58 |

| | | | |
|-------------|----------|---|-----------|
| 212161_at | AP2A2 | adaptor-related protein complex 2, alpha 2 subunit | - 1.33 |
| 212168_at | RBM12 | RNA binding motif protein 12 | 2.04 |
| 212169_at | FKBP9 | FK506 binding protein 9, 63 kDa | 1.63 |
| 212172_at | AK2 | adenylate kinase 2 | -1.3 |
| 212173_at | AK2 | adenylate kinase 2 | - 1.29 |
| 212180_at | CRKL | v-crk sarcoma virus CT10 oncogene homolog (avian)-like | - 1.45 |
| 212197_x_at | M-RIP | myosin phosphatase-Rho interacting protein | 1.66 |
| 212201_at | KIAA0692 | KIAA0692 | 1.33 |
| 212212_s_at | INTS1 | integrator complex subunit 1 | - 1.42 |

| | | | |
|-------------|----------|--|------|
| | | eukaryotic translation initiation | |
| 212227_x_at | EIF1 | factor 1 | 1.9 |
| 212231_at | FBXO21 | F-box protein 21 | 1.6 |
| 212232_at | FNBP4 | formin binding protein 4 | 1.85 |
| 212233_at | | NA | 1.94 |
| | | | |
| 212259_s_at | PBXIP1 | pre-B-cell leukemia homeobox interacting protein 1 | 1.36 |
| 212266_s_at | SFRS5 | splicing factor, arginine/serine-rich 5 | 1.72 |
| 212273_x_at | GNAS | GNAS complex locus | 1.52 |
| | | | - |
| 212283_at | AGRN | agrin | 1.41 |
| 212288_at | FNBP1 | formin binding protein 1 | 1.53 |
| 212311_at | KIAA0746 | KIAA0746 protein | 3.49 |
| 212318_at | TNPO3 | transportin 3 | 1.45 |
| 212337_at | TUG1 | taurine upregulated gene 1 | 1.66 |
| | | | |
| 212366_at | ZNF292 | zinc finger protein 292 | 1.51 |

| | | | |
|-------------|--------|---|------|
| | | | |
| 212370_x_at | FAM21A | family with sequence similarity 21, member A | 1.85 |
| 212385_at | TCF4 | transcription factor 4 | 2.22 |
| 212399_s_at | VGLL4 | vestigial like 4 (Drosophila) | 1.75 |
| 212415_at | 6-Sep | septin 6 | 1.67 |
| 212418_at | ELF1 | E74-like factor 1 (ets domain transcription factor) | 1.99 |
| 212420_at | ELF1 | E74-like factor 1 (ets domain transcription factor) | 2.01 |
| 212445_s_at | NEDD4L | neural precursor cell expressed, developmentally down- regulated 4-like | 1.97 |
| 212447_at | KBTBD2 | kelch repeat and BTB (POZ) domain containing 2 | 1.52 |

| | | | |
|-------------|-----------|--|------|
| 212453_at | KIAA1279 | KIAA1279 | 1.85 |
| 212460_at | C14orf147 | chromosome 14 open reading frame 147 | 1.96 |
| 212463_at | CD59 | CD59 molecule, complement regulatory protein | 1.53 |
| 212481_s_at | TPM4 | tropomyosin 4 | 1.95 |
| 212488_at | COL5A1 | collagen, type V, alpha 1 | 2.42 |
| 212489_at | COL5A1 | collagen, type V, alpha 1 | 1.49 |
| 212510_at | GPD1L | glycerol-3-phosphate dehydrogenase 1-like | 1.65 |
| 212572_at | STK38L | serine/threonine kinase 38 like | 1.62 |
| 212579_at | SMCHD1 | structural maintenance of chromosomes flexible hinge domain containing 1 | 2.54 |

| | | | |
|-------------|--------|---|------|
| 212582_at | OSBPL8 | oxysterol binding protein-like 8 | 2.05 |
| 212586_at | CAST | calpastatin | 1.66 |
| 212587_s_at | PTPRC | protein tyrosine phosphatase, receptor type, C | 4.88 |
| 212596_s_at | HMG2L1 | high-mobility group protein 2- like 1 | 1.62 |
| 212613_at | BTN3A2 | butyrophilin, subfamily 3, member A2 | 1.7 |
| 212614_at | ARID5B | AT rich interactive domain 5B (MRF1-like) | 3.3 |
| 212617_at | ZNF609 | zinc finger protein 609 | 1.31 |
| 212632_at | STX7 | syntaxin 7 | 1.81 |
| 212637_s_at | WWP1 | WW domain containing E3 ubiquitin protein ligase 1 | 2.77 |
| 212641_at | HIVEP2 | human immunodeficiency virus type I enhancer binding protein | 1.55 |

| | | | |
|-------------|---------|--|-----------|
| | | 2 | |
| 212647_at | RRAS | related RAS viral (r-ras) oncogene homolog | 1.43 |
| 212675_s_at | CEP68 | centrosomal protein 68kDa | 2.21 |
| 212677_s_at | CEP68 | centrosomal protein 68kDa | 2.08 |
| 212687_at | LIMS1 | LIM and senescent cell antigen- like domains 1 | 1.7 |
| 212689_s_at | JMJD1A | jumonji domain containing 1A | 2.18 |
| 212708_at | MSL-1 | male-specific lethal-1 homolog | 1.41 |
| 212717_at | PLEKHM1 | pleckstrin homology domain containing, family M (with RUN domain) member 1 | - 1.34 |
| 212723_at | JMJD6 | jumonji domain containing 6 | 1.65 |
| 212725_s_at | TUG1 | taurine upregulated gene 1 | 1.83 |

| | | | |
|-------------|----------|---|-----------|
| 212747_at | ANKS1A | ankyrin repeat and sterile alpha motif domain containing 1A | 1.71 |
| 212753_at | PCGF3 | polycomb group ring finger 3 | 1.38 |
| 212764_at | ZEB1 | zinc finger E-box binding homeobox 1 | 1.72 |
| 212785_s_at | LARP7 | La ribonucleoprotein domain family, member 7 | 1.47 |
| 212789_at | NCAPD3 | non-SMC condensin II complex, subunit D3 | - 1.29 |
| 212795_at | KIAA1033 | KIAA1033 | 1.39 |
| 212813_at | JAM3 | junctional adhesion molecule 3 | 1.75 |

| | | | |
|-------------|---------|--|-----------|
| 212821_at | PLEKHG3 | pleckstrin homology domain containing, family G (with RhoGef domain) member 3 | - 1.41 |
| 212822_at | HEG1 | HEG homolog 1 (zebrafish) | 1.28 |
| 212824_at | FUBP3 | far upstream element (FUSE) binding protein 3 | - 2.12 |
| 212826_s_at | SLC25A6 | solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6 | 1.95 |
| 212827_at | IGHM | immunoglobulin heavy constant mu | 1.89 |
| 212828_at | SYNJ2 | synaptojanin 2 | 1.67 |
| 212873_at | HMHA1 | histocompatibility (minor) HA- 1 | 1.55 |
| 212878_s_at | KLC1 | kinesin light chain 1 | 1.72 |

| | | | |
|-------------|----------|--|------|
| | | | |
| 212895_s_at | ABR | active BCR-related gene | 1.3 |
| 212922_s_at | SMYD2 | SET and MYND domain containing 2 | 1.91 |
| 212956_at | TBC1D9 | TBC1 domain family, member 9 (with GRAM domain) | 3.18 |
| 212980_at | USP34 | ubiquitin specific peptidase 34 | 1.89 |
| 212985_at | | NA | 1.91 |
| 212998_x_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | 9.98 |
| 213001_at | ANGPTL2 | angiopoietin-like 2 | 1.61 |
| 213028_at | NFRKB | nuclear factor related to kappaB binding protein | -1.3 |
| 213033_s_at | NFIB | nuclear factor I/B | 1.31 |

| | | | |
|-------------|----------|---|------|
| 213039_at | ARHGEF18 | rho/rac guanine nucleotide exchange factor (GEF) 18 | 1.76 |
| 213044_at | ROCK1 | Rho-associated, coiled-coil containing protein kinase 1 | 1.53 |
| 213047_x_at | SET | SET translocation (myeloid leukemia-associated) | 1.6 |
| 213065_at | CCDC131 | coiled-coil domain containing 131 | 1.76 |
| 213068_at | DPT | dermatopontin | 7.54 |
| 213069_at | HEG1 | HEG homolog 1 (zebrafish) | 2.01 |
| 213084_x_at | RPL23A | ribosomal protein L23a | 1.51 |
| 213094_at | GPR126 | G protein-coupled receptor 126 | 1.68 |
| 213095_x_at | AIF1 | allograft inflammatory factor 1 | 2.15 |
| 213099_at | ANGEL1 | angel homolog 1 (Drosophila) | 1.38 |

| | | | |
|-------------|------------|--|-----------|
| 213125_at | OLFML2B | olfactomedin-like 2B | 1.29 |
| 213134_x_at | BTG3 | BTG family, member 3 | 2.15 |
| 213139_at | SNAI2 | snail homolog 2 (Drosophila) | 5.62 |
| 213142_x_at | tcag7.1314 | hypothetical protein LOC54103 | 2.36 |
| 213143_at | LOC257407 | hypothetical protein LOC257407 | - 1.83 |
| 213151_s_at | 7-Sep | septin 7 | 2.02 |
| 213169_at | SEMA5A | sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A | 1.91 |

| | | | |
|-------------|----------|--|-----------|
| 213178_s_at | MAPK8IP3 | mitogen-activated protein kinase 8 interacting protein 3 | 1.25 |
| 213182_x_at | CDKN1C | cyclin-dependent kinase inhibitor 1C (p57, Kip2) | 1.73 |
| 213183_s_at | CDKN1C | cyclin-dependent kinase inhibitor 1C (p57, Kip2) | 1.73 |
| 213193_x_at | TRBC1 | T cell receptor beta constant 1 | 3.15 |
| 213194_at | ROBO1 | roundabout, axon guidance receptor, homolog 1 (Drosophila) | 2.76 |
| 213209_at | TAF6L | TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa | - 1.27 |
| 213232_at | KIAA1467 | KIAA1467 | - 1.32 |

| | | | |
|-------------|----------|--|-----------|
| 213236_at | SASH1 | SAM and SH3 domain containing 1 | 1.51 |
| 213241_at | PLXNC1 | plexin C1 | 2.01 |
| 213242_x_at | KIAA0284 | KIAA0284 | - 1.45 |
| 213281_at | JUN | jun oncogene | 1.49 |
| 213285_at | TMEM30B | transmembrane protein 30B | 3.04 |
| 213290_at | COL6A2 | collagen, type VI, alpha 2 | 1.52 |
| 213294_at | | NA | 1.93 |
| 213317_at | CLIC5 | chloride intracellular channel 5 | 1.32 |
| 213326_at | VAMP1 | vesicle-associated membrane protein 1 (synaptobrevin 1) | 1.63 |
| 213341_at | FEM1C | fem-1 homolog c (C. elegans) | 1.72 |
| 213344_s_at | H2AFX | H2A histone family, member X | - 1.39 |

| | | | |
|-------------|--------|---|------|
| 213348_at | CDKN1C | cyclin-dependent kinase inhibitor 1C (p57, Kip2) | 3.03 |
| 213363_at | CA5BL | carbonic anhydrase VB-like | 1.34 |
| 213364_s_at | SNX1 | sorting nexin 1 | 1.62 |
| 213392_at | IQCK | IQ motif containing K | 1.67 |
| 213397_x_at | ANG | angiogenin, ribonuclease, RNase A family, 5 | -1.6 |
| 213403_at | | NA | 1.65 |
| 213404_s_at | RHEB | Ras homolog enriched in brain | 1.39 |
| 213413_at | STON1 | stonin 1 | 2.72 |
| 213415_at | CLIC2 | chloride intracellular channel 2 | 2.07 |
| 213416_at | CERKL | ceramide kinase-like | 3.32 |

| | | | |
|-------------|--------|---|------|
| 213422_s_at | MXRA8 | matrix-remodelling associated 8 | 1.47 |
| 213423_x_at | TUSC3 | tumor suppressor candidate 3 | 3.29 |
| 213428_s_at | COL6A1 | collagen, type VI, alpha 1 | 2.87 |
| 213438_at | NFASC | neurofascin homolog (chicken) | 2.55 |
| 213448_at | MTX1 | metaxin 1 | 1.31 |
| 213451_x_at | TNXB | tenascin XB | 2.14 |
| 213460_x_at | NSUN5C | NOL1/NOP2/Sun domain family, member 5C | 1.36 |
| 213470_s_at | HNRPH1 | heterogeneous nuclear ribonucleoprotein H1 (H) | 1.6 |

| | | | |
|-------------|--------|---|-----------|
| 213475_s_at | ITGAL | integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide) | 1.34 |
| 213483_at | PPWD1 | peptidylprolyl isomerase domain and WD repeat containing 1 | 1.79 |
| 213492_at | COL2A1 | collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital) | - 1.18 |
| 213505_s_at | SFRS14 | splicing factor, arginine/serine-rich 14 | 1.39 |
| 213535_s_at | UBE2I | ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast) | 1.41 |

| | | | |
|-------------|---------------|---|------|
| 213537_at | HLA-DPA1 | major histocompatibility complex, class II, DP alpha 1 | 1.96 |
| 213539_at | CD3D | CD3d molecule, delta (CD3-TCR complex) | 1.87 |
| 213546_at | DKFZp586I1420 | hypothetical protein DKFZp586I1420 | 1.71 |
| 213570_at | EIF4E2 | eukaryotic translation initiation factor 4E family member 2 | 1.26 |
| 213581_at | PDCD2 | programmed cell death 2 | 1.45 |
| 213601_at | SLIT1 | slit homolog 1 (Drosophila) | 1.23 |
| 213603_s_at | RAC2 | ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2) | 2.3 |
| 213604_at | | NA | - |

| | | | |
|-------------|--------|--|-----------|
| | | | 1.54 |
| 213619_at | HNRPH1 | heterogeneous nuclear ribonucleoprotein H1 (H) | 1.83 |
| 213627_at | MAGED2 | melanoma antigen family D, 2 | 1.61 |
| 213629_x_at | MT1JP | metallothionein 1J (pseudogene) | -2.6 |
| 213631_x_at | DHODH | dihydroorotate dehydrogenase | -3.3 |
| 213648_at | EXOSC7 | exosome component 7 | - 1.23 |
| 213649_at | SFRS7 | splicing factor, arginine/serine- rich 7, 35kDa | 1.98 |
| 213652_at | PCSK5 | proprotein convertase subtilisin/kexin type 5 | 1.28 |
| 213670_x_at | NSUN5B | NOL1/NOP2/Sun domain family, member 5B | 1.45 |
| 213694_at | RSBN1 | round spermatid basic protein 1 | 1.7 |
| 213698_at | ZMYM6 | zinc finger, MYM-type 6 | 2.48 |

| | | | |
|-------------|-----------|--|-----------|
| | | | |
| 213702_x_at | ASAH1 | N-acylsphingosine amidohydrolase (acid ceramidase) 1 | 1.7 |
| 213703_at | LOC150759 | hypothetical protein LOC150759 | 1.68 |
| 213712_at | ELOVL2 | elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2 | 2.24 |
| 213713_s_at | LOC89944 | hypothetical protein BC008326 | - 1.34 |
| 213716_s_at | SECTM1 | secreted and transmembrane 1 | 1.5 |
| 213746_s_at | FLNA | filamin A, alpha (actin binding protein 280) | 1.73 |
| 213796_at | SPRR1A | small proline-rich protein 1A | - 1.19 |
| 213813_x_at | | NA | 1.77 |

| | | | |
|-------------|----------|---|-----------|
| 213823_at | HOXA11 | homeobox A11 | - 1.47 |
| 213828_x_at | H3F3A | H3 histone, family 3A | 1.5 |
| 213840_s_at | MRPS12 | mitochondrial ribosomal protein S12 | - 1.21 |
| 213846_at | COX7C | cytochrome c oxidase subunit VIIc | 1.78 |
| 213870_at | COL11A2 | collagen, type XI, alpha 2 | -1.4 |
| 213882_at | TM2D1 | TM2 domain containing 1 | 1.51 |
| 213888_s_at | TRAF3IP3 | TRAF3 interacting protein 3 | 1.37 |
| 213894_at | THSD7A | thrombospondin, type I, domain containing 7A | 2.01 |
| 213910_at | IGFBP7 | insulin-like growth factor binding protein 7 | 1.63 |

| | | | |
|-------------|----------|---|-----------|
| 213923_at | RAP2B | RAP2B, member of RAS oncogene family | 1.78 |
| 213932_x_at | HLA-A | major histocompatibility complex, class I, A | 1.8 |
| 213948_x_at | CADM3 | cell adhesion molecule 3 | - 1.19 |
| 213952_s_at | ALOX5 | arachidonate 5-lipoxygenase | - 1.16 |
| 213969_x_at | RPL29 | ribosomal protein L29 | 1.35 |
| 213982_s_at | RABGAP1L | RAB GTPase activating protein 1-like | 1.73 |
| 213988_s_at | SAT1 | spermidine/spermine N1- acetyltransferase 1 | 2.11 |
| 213991_s_at | HS3ST1 | heparan sulfate (glucosamine) 3-O-sulfotransferase 1 | - 1.23 |
| 213994_s_at | SPON1 | spondin 1, extracellular matrix protein | 2.62 |
| 214022_s_at | IFITM2 | interferon induced transmembrane protein 2 (1- | 2.68 |

| | | | |
|-------------|-------------------|---|-----------|
| | | 8D) | |
| 214030_at | DKFZp667G21 10 | hypothetical protein DKFZp667G2110 | 1.43 |
| 214066_x_at | NPR2 | natriuretic peptide receptor B/guanylate cyclase B (atriuretic peptide receptor B) | - 1.18 |
| 214072_x_at | NENF | neuron derived neurotrophic factor | - 1.26 |
| 214085_x_at | KRR1 | KRR1, small subunit (SSU) processome component, homolog (yeast) | 3.26 |
| 214091_s_at | GPX3 | glutathione peroxidase 3 (plasma) | 1.66 |
| 214092_x_at | SFRS14 | splicing factor, arginine/serine- rich 14 | 1.64 |

| | | | |
|-------------|---------|--|-----------|
| 214099_s_at | PDE4DIP | phosphodiesterase 4D interacting protein (myomegalin) | - 1.32 |
| 214100_x_at | NSUN5B | NOL1/NOP2/Sun domain family, member 5B | 1.45 |
| 214132_at | ATP5C1 | ATP synthase, H ⁺ transporting, mitochondrial F1 complex, gamma polypeptide 1 | 1.91 |
| 214176_s_at | PBXIP1 | pre-B-cell leukemia homeobox interacting protein 1 | 1.49 |
| 214177_s_at | PBXIP1 | pre-B-cell leukemia homeobox interacting protein 1 | 1.64 |
| 214182_at | ARF6 | ADP-ribosylation factor 6 | 1.9 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 214211_at | FTH1 | ferritin, heavy polypeptide 1 | 1.85 |
| 214215_s_at | LARP5 | La ribonucleoprotein domain family, member 5 | -1.2 |
| 214256_at | ATP10A | ATPase, Class V, type 10A | - 1.32 |
| 214271_x_at | RPL12 | ribosomal protein L12 | 1.46 |
| 214272_at | CYLD | cylindromatosis (turban tumor syndrome) | - 1.21 |
| 214279_s_at | NDRG2 | NDRG family member 2 | 2.7 |
| 214280_x_at | HNRNPA1 | heterogeneous nuclear ribonucleoprotein A1 | 1.74 |
| 214298_x_at | 6-Sep | septin 6 | 1.73 |

| | | | |
|-------------|--------|---|-----------|
| 214305_s_at | SF3B1 | splicing factor 3b, subunit 1, 155kDa | 1.81 |
| 214317_x_at | RPS9 | ribosomal protein S9 | 1.46 |
| 214322_at | CAMK2G | calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma | - 1.22 |
| 214358_at | ACACA | acetyl-Coenzyme A carboxylase alpha | - 1.59 |
| 214363_s_at | MATR3 | matrin 3 | 1.35 |
| 214382_at | UNC93A | unc-93 homolog A (C. elegans) | 2.26 |
| 214390_s_at | BCAT1 | branched chain aminotransferase 1, cytosolic | - 1.35 |
| 214405_at | CUGBP2 | CUG triplet repeat, RNA binding protein 2 | 1.39 |
| 214407_x_at | GYPB | glycophorin B (MNS blood group) | - 1.23 |
| 214411_x_at | CTRB1 | chymotrypsinogen B1 | - |

| | | | |
|-------------|--------|--|-----------|
| | | | 1.31 |
| 214414_x_at | HBA1 | hemoglobin, alpha 1 | 3.76 |
| 214419_s_at | CYP2C9 | cytochrome P450, family 2, subfamily C, polypeptide 9 | 2.25 |
| 214420_s_at | CYP2C9 | cytochrome P450, family 2, subfamily C, polypeptide 9 | 2.54 |
| 214423_x_at | ALDOB | aldolase B, fructose- bisphosphate | 1.56 |
| 214428_x_at | C4A | complement component 4A (Rodgers blood group) | - 1.88 |
| 214453_s_at | IFI44 | interferon-induced protein 44 | 4.86 |
| 214456_x_at | SAA2 | serum amyloid A2 | - 3.47 |
| 214459_x_at | HLA-C | major histocompatibility complex, class I, C | 1.82 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 214467_at | GPR65 | G protein-coupled receptor 65 | 1.77 |
| 214470_at | KLRB1 | killer cell lectin-like receptor subfamily B, member 1 | 3.77 |
| 214478_at | SPP2 | secreted phosphoprotein 2, 24kDa | 4.12 |
| 214485_at | ODF1 | outer dense fiber of sperm tails 1 | - 1.49 |
| 214500_at | H2AFY | H2A histone family, member Y | 1.77 |
| 214505_s_at | FHL1 | four and a half LIM domains 1 | 1.97 |
| 214512_s_at | SUB1 | SUB1 homolog (<i>S. cerevisiae</i>) | 1.84 |
| 214513_s_at | CREB1 | cAMP responsive element binding protein 1 | 1.47 |
| 214553_s_at | ARPP-19 | cyclic AMP phosphoprotein, 19 kD | 1.52 |

| | | | |
|-------------|----------|--|-----------|
| 214567_s_at | XCL2 | chemokine (C motif) ligand 2 | 2.13 |
| 214577_at | MAP1B | microtubule-associated protein 1B | 1.27 |
| 214578_s_at | ROCK1 | Rho-associated, coiled-coil containing protein kinase 1 | 1.44 |
| 214581_x_at | TNFRSF21 | tumor necrosis factor receptor superfamily, member 21 | 1.85 |
| 214615_at | P2RY10 | purinergic receptor P2Y, G- protein coupled, 10 | 1.17 |
| 214616_at | HIST1H3E | histone cluster 1, H3e | - 1.36 |
| 214617_at | PRF1 | perforin 1 (pore forming protein) | 1.64 |
| 214625_s_at | MINK1 | misshapen-like kinase 1 (zebrafish) | - 1.29 |
| 214649_s_at | MTMR2 | myotubularin related protein 2 | 1.42 |

| | | | |
|-------------|----------|--|-------|
| 214683_s_at | CLK1 | CDC-like kinase 1 | 2.2 |
| 214686_at | ZNF266 | zinc finger protein 266 | 2.11 |
| 214723_x_at | KIAA1641 | KIAA1641 | 1.83 |
| 214734_at | EXPH5 | exophilin 5 | 2.26 |
| 214736_s_at | ADD1 | adducin 1 (alpha) | 1.62 |
| 214744_s_at | RPL23 | ribosomal protein L23 | 1.31 |
| 214750_at | PLAC4 | placenta-specific 4 | 1.29 |
| 214752_x_at | FLNA | filamin A, alpha (actin binding protein 280) | 1.84 |
| 214753_at | PFAAP5 | phosphonoformate immuno-associated protein 5 | 1.8 |
| 214758_at | WDR21A | WD repeat domain 21A | 1.29 |
| 214768_x_at | IGKC | immunoglobulin kappa constant | 11.95 |

| | | | |
|-------------|---------|--|-----------|
| 214771_x_at | M-RIP | myosin phosphatase-Rho interacting protein | 1.5 |
| 214777_at | | NA | 12.2 4 |
| 214790_at | SENP6 | SUMO1/sentrin specific peptidase 6 | 1.48 |
| 214799_at | NFASC | neurofascin homolog (chicken) | 1.21 |
| 214807_at | | NA | 2.02 |
| 214812_s_at | MOBKL1B | MOB1, Mps One Binder kinase activator-like 1B (yeast) | 1.45 |
| 214824_at | | NA | - 1.38 |
| 214835_s_at | SUCLG2 | succinate-CoA ligase, GDP- forming, beta subunit | - 1.79 |
| 214838_at | SFT2D2 | SFT2 domain containing 2 | - 1.46 |
| 214840_at | TOM1L2 | target of myb1-like 2 (chicken) | - 1.36 |
| 214848_at | | NA | 1.16 |

| | | | |
|-------------|-----------|---|-----------|
| 214859_at | FSTL4 | follistatin-like 4 | - 1.26 |
| 214865_at | DOT1L | DOT1-like, histone H3 methyltransferase (S. cerevisiae) | - 1.17 |
| 214870_x_at | LOC339047 | hypothetical protein LOC339047 | 1.52 |
| 214879_x_at | USF2 | upstream transcription factor 2, c-fos interacting | - 1.39 |
| 214880_x_at | CALD1 | caldesmon 1 | 1.83 |
| 214882_s_at | SFRS2 | splicing factor, arginine/serine- rich 2 | 1.56 |
| 214907_at | CEACAM21 | carcinoembryonic antigen- related cell adhesion molecule 21 | - 1.39 |
| 214916_x_at | IL8 | interleukin 8 | 4.23 |

| | | | |
|-------------|-----------|--|-----------|
| | | | |
| 214920_at | THSD7A | thrombospondin, type I, domain containing 7A | 2.49 |
| 214932_at | KIDINS220 | kinase D-interacting substrate of 220 kDa | - 1.18 |
| 214946_x_at | FAM21A | family with sequence similarity 21, member A | 1.65 |
| 214968_at | DDX51 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 51 | - 1.38 |
| 214969_at | MAP3K9 | mitogen-activated protein kinase kinase kinase 9 | - 1.22 |

| | | | |
|-------------|----------|--|-----------|
| | | | |
| 214973_x_at | IGHD | immunoglobulin heavy constant delta | 3.82 |
| 215003_at | DGCR9 | DiGeorge syndrome critical region gene 9 | - 1.23 |
| 215034_s_at | TM4SF1 | transmembrane 4 L six family member 1 | 4.95 |
| 215051_x_at | AIF1 | allograft inflammatory factor 1 | 1.95 |
| 215062_at | FMNL2 | formin-like 2 | 1.24 |
| 215076_s_at | COL3A1 | collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant) | 3.21 |
| 215085_x_at | DLEC1 | deleted in lung and esophageal cancer 1 | - 1.35 |
| 215123_at | LOC23117 | KIAA0220-like protein | 2.5 |
| 215137_at | KIAA0508 | KIAA0508 protein | - |

| | | | |
|-------------|--------|--|-----------|
| | | | 1.28 |
| 215151_at | DOCK10 | dedicator of cytokinesis 10 | 1.17 |
| 215164_at | TCF4 | transcription factor 4 | 1.19 |
| 215213_at | NUP54 | nucleoporin 54kDa | - 1.13 |
| 215214_at | IGL@ | immunoglobulin lambda locus | 3.1 |
| 215252_at | DNAJC7 | DnaJ (Hsp40) homolog, subfamily C, member 7 | 1.73 |
| 215260_s_at | TCF3 | transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) | - 1.29 |
| 215293_s_at | FRAG1 | FGF receptor activating protein 1 | - 1.37 |
| 215313_x_at | HLA-A | major histocompatibility complex, class I, A | 2.07 |

| | | | |
|-------------|----------|--|------|
| 215322_at | LONRF1 | LON peptidase N-terminal domain and ring finger 1 | 1.57 |
| 215332_s_at | CD8B | CD8b molecule | 1.17 |
| 215340_at | ADCY1 | adenylate cyclase 1 (brain) | 1.32 |
| 215344_at | | NA | 1.15 |
| 215351_at | RTCD1 | RNA terminal phosphate cyclase domain 1 | 1.18 |
| 215364_s_at | KIAA0467 | KIAA0467 | 1.42 |
| 215417_at | EXOC6B | exocyst complex component 6B | 1.11 |
| 215421_at | | NA | 1.26 |
| 215424_s_at | SNW1 | SNW domain containing 1 | 1.49 |
| 215433_at | DPY19L1 | dpy-19-like 1 (C. elegans) | 1.23 |
| 215440_s_at | BEXL1 | brain expressed X-linked-like 1 | 2.75 |
| 215446_s_at | LOX | lysyl oxidase | 1.49 |

| | | | |
|-------------|--------|---|-----------|
| 215447_at | TFPI | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) | -3.3 |
| 215449_at | BZRPL1 | benzodiazapine receptor (peripheral)-like 1 | - 1.49 |
| 215476_at | | NA | - 1.26 |
| 215477_at | | NA | - 1.14 |
| 215484_at | TRIM3 | tripartite motif-containing 3 | - 1.56 |
| 215491_at | MYCL1 | v-myc myelocytomatosis viral oncogene homolog 1, lung carcinoma derived (avian) | - 1.26 |
| 215493_x_at | BTN2A1 | butyrophilin, subfamily 2, member A1 | 1.4 |
| 215511_at | TCF20 | transcription factor 20 (AR1) | - 1.32 |

| | | | |
|-------------|----------|--------------------------------------|------|
| | | | - |
| 215515_at | KIRREL | kin of IRRE like (Drosophila) | 1.41 |
| | | | - |
| 215541_s_at | DIAPH1 | diaphanous homolog 1 (Drosophila) | 1.42 |
| | | | - |
| 215568_x_at | LYPLA2 | lysophospholipase II | 1.39 |
| | | | - |
| 215590_x_at | | NA | 1.21 |
| | | | - |
| 215622_x_at | PHF7 | PHD finger protein 7 | 1.34 |
| | | | - |
| 215626_at | DOCK9 | dedicator of cytokinesis 9 | 1.2 |
| | | | - |
| 215644_at | ZNF518 | zinc finger protein 518 | 1.21 |
| 215646_s_at | VCAN | versican | 3.67 |
| | | | - |
| 215668_s_at | PLXNB1 | plexin B1 | 1.37 |
| | | | - |
| 215681_at | KIAA1654 | KIAA1654 protein | 1.22 |

| | | | |
|-------------|--------|---|-----------|
| 215690_x_at | GPAA1 | glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast) | - 1.45 |
| 215702_s_at | CFTR | cystic fibrosis transmembrane conductance regulator (ATP- binding cassette sub-family C, member 7) | 1.66 |
| 215712_s_at | IGFALS | insulin-like growth factor binding protein, acid labile subunit | - 1.76 |
| 215715_at | SLC6A2 | solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2 | - 1.18 |

| | | | |
|-------------|---------|---|-----------|
| 215719_x_at | FAS | Fas (TNF receptor superfamily, member 6) | 2.59 |
| 215737_x_at | USF2 | upstream transcription factor 2, c-fos interacting | - 1.59 |
| 215792_s_at | DNAJC11 | DnaJ (Hsp40) homolog, subfamily C, member 11 | - 1.41 |
| 215798_at | ALDH1L1 | aldehyde dehydrogenase 1 family, member L1 | - 1.42 |
| 215809_at | CYP2D6 | cytochrome P450, family 2, subfamily D, polypeptide 6 | - 1.71 |
| 215819_s_at | RHCE | Rh blood group, CcEe antigens | - 1.29 |
| 215824_at | NUDT7 | nudix (nucleoside diphosphate linked moiety X)-type motif 7 | - 1.19 |
| 215865_at | SYT12 | synaptotagmin XII | - |

| | | | |
|-------------|-----------|--|-----------|
| | | | 1.27 |
| 215870_s_at | PLA2G5 | phospholipase A2, group V | 2.97 |
| 215906_at | | NA | - 1.37 |
| 215925_s_at | CD72 | CD72 molecule | 1.51 |
| 215927_at | ARFGEF2 | ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited) | - 1.37 |
| 215948_x_at | ZMYM5 | zinc finger, MYM-type 5 | 1.17 |
| 215949_x_at | IGHM | immunoglobulin heavy constant mu | 2.07 |
| 215959_at | PPFIBP2 | PTPRF interacting protein, binding protein 2 (liprin beta 2) | - 1.22 |
| 215963_x_at | LOC642741 | similar to ribosomal protein L3 isoform a | 1.36 |
| 215974_at | HCG4P6 | HLA complex group 4 pseudogene 6 | - 1.22 |

| | | | |
|-------------|---------|--|-----------|
| 215999_at | CDRT1 | CMT1A duplicated region transcript 1 | - 1.23 |
| 216003_at | CDRT1 | CMT1A duplicated region transcript 1 | -1.2 |
| 216011_at | SLC39A9 | solute carrier family 39 (zinc transporter), member 9 | - 1.47 |
| 216033_s_at | FYN | FYN oncogene related to SRC, FGR, YES | 2.67 |
| 216036_x_at | WDTC1 | WD and tetratricopeptide repeats 1 | - 1.49 |
| 216041_x_at | GRN | granulin | 1.77 |
| 216054_x_at | MYL4 | myosin, light chain 4, alkali; atrial, embryonic | - 1.27 |
| 216060_s_at | DAAM1 | dishevelled associated activator of morphogenesis 1 | 1.88 |

| | | | |
|-------------|---------|--|-----------|
| 216092_s_at | SLC7A8 | solute carrier family 7 (cationic amino acid transporter, y+ system), member 8 | - 1.37 |
| 216102_at | PHLDB1 | pleckstrin homology-like domain, family B, member 1 | - 1.46 |
| 216126_at | | NA | -1.4 |
| 216166_at | RHOH | ras homolog gene family, member H | 1.17 |
| 216175_at | POLD2 | polymerase (DNA directed), delta 2, regulatory subunit 50kDa | - 1.24 |
| 216186_at | C1orf20 | chromosome 1 open reading frame 20 | -1.4 |
| 216192_at | FABP7 | fatty acid binding protein 7, brain | - 1.27 |
| 216204_at | COMT | catechol-O-methyltransferase | - 1.32 |

| | | | |
|-------------|-----------|---|-----------|
| 216207_x_at | IGKV1D-13 | immunoglobulin kappa variable 1D-13 | 11.4 2 |
| 216209_at | LOC400084 | hypothetical gene supported by AK057632; AL137270; BC057846 | - 1.27 |
| 216210_x_at | TRIOBP | TRIO and F-actin binding protein | 1.49 |
| 216221_s_at | PUM2 | pumilio homolog 2 (Drosophila) | 1.35 |
| 216233_at | CD163 | CD163 molecule | 1.82 |
| 216238_s_at | FGB | fibrinogen beta chain | - 1.47 |
| 216252_x_at | FAS | Fas (TNF receptor superfamily, member 6) | 2.2 |
| 216271_x_at | SYDE1 | synapse defective 1, Rho GTPase, homolog 1 (C. elegans) | -1.5 |

| | | | |
|-------------|-----------|--|------|
| 216275_at | BUB1 | BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) | -1.3 |
| 216303_s_at | MTMR1 | myotubularin related protein 1 | 1.24 |
| 216309_x_at | JRK | jerky homolog (mouse) | 1.49 |
| 216323_x_at | TUBA3D | tubulin, alpha 3d | 1.52 |
| 216333_x_at | TNXB | tenascin XB | 2.21 |
| 216355_at | PCDHB17 | protocadherin beta 17 pseudogene | 1.37 |
| 216366_x_at | | NA | 1.45 |
| 216382_s_at | TNRC21 | trinucleotide repeat containing 21 | 1.46 |
| 216385_at | LOC220077 | docking protein 1-like protein | 1.58 |
| 216412_x_at | IVD | isovaleryl Coenzyme A | 2.46 |

| | | | |
|-------------|---------|---|-----------|
| | | dehydrogenase | |
| 216428_x_at | KIR3DX1 | killer cell immunoglobulin-like receptor, three domains, X1 | - 1.36 |
| 216430_x_at | IGL@ | immunoglobulin lambda locus | 2.33 |
| 216437_at | EPC1 | enhancer of polycomb homolog 1 (Drosophila) | - 1.17 |
| 216491_x_at | IGHM | immunoglobulin heavy constant mu | 6.8 |
| 216500_at | | NA | - 1.33 |
| 216510_x_at | ZCWPW2 | zinc finger, CW type with PWWP domain 2 | 5.73 |

| | | | |
|-------------|----------|---|-----------|
| | | | |
| 216512_s_at | DCT | dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2) | - 1.17 |
| 216517_at | IGKV1-5 | immunoglobulin kappa variable 1-5 | 2.36 |
| 216526_x_at | HLA-C | major histocompatibility complex, class I, C | 1.67 |
| 216530_at | | NA | - 1.22 |
| 216535_at | CADM3 | cell adhesion molecule 3 | - 1.91 |
| 216541_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 1.72 |
| 216542_x_at | IGHA1 | immunoglobulin heavy constant alpha 1 | 2.08 |

| | | | |
|-------------|-----------|---|-----------|
| 216547_at | LOC127406 | similar to laminin receptor 1 (ribosomal protein SA) | - 1.67 |
| 216557_x_at | IFI6 | interferon, alpha-inducible protein 6 | 3.82 |
| 216558_x_at | | NA | 1.46 |
| 216560_x_at | IGL@ | immunoglobulin lambda locus | 5.06 |
| 216573_at | | NA | 1.43 |
| 216576_x_at | NTN2L | netrin 2-like (chicken) | 19.6 2 |
| 216579_at | GJB4 | gap junction protein, beta 4 | - 1.48 |

| | | | |
|-------------|-----------|--|-----------|
| | | | - |
| 216582_at | | NA | 1.26 |
| 216594_x_at | AKR1C1 | aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase) | - 1.97 |
| 216606_x_at | LYPLA2P1 | lysophospholipase II pseudogene 1 | - 1.24 |
| 216621_at | ROCK1 | Rho-associated, coiled-coil containing protein kinase 1 | 1.23 |
| 216650_at | LOC650303 | similar to 60S ribosomal protein L29 (Cell surface heparin binding protein HIP) | - 1.43 |
| 216675_at | C9orf106 | chromosome 9 open reading frame 106 | - 1.42 |

| | | | |
|-------------|-----------|---|-----------|
| 216678_at | IFT122 | intraflagellar transport 122 homolog (Chlamydomonas) | - 1.62 |
| 216686_at | FLJ40330 | similar to protein immuno- reactive with anti-PTH polyclonal antibodies | 1.11 |
| 216693_x_at | HDGFRP3 | hepatoma-derived growth factor, related protein 3 | 1.41 |
| 216698_x_at | OR7E47P | olfactory receptor, family 7, subfamily E, member 47 pseudogene | - 1.93 |
| 216730_at | | NA | - 1.42 |
| 216732_at | LOC389768 | similar to potassium channel tetramerisation domain containing 1 | - 1.45 |
| 216738_at | HRH1 | histamine receptor H1 | - 1.28 |

| | | | |
|-------------|----------|---|------|
| 216757_at | | NA | -1.3 |
| 216763_at | ANKRD15 | ankyrin repeat domain 15 | 1.17 |
| 216774_at | | NA | 1.32 |
| 216781_at | KIAA1751 | KIAA1751 | 1.21 |
| 216800_at | | NA | 1.28 |
| 216807_at | KIAA1751 | KIAA1751 | -1.2 |
| 216815_at | | NA | 1.16 |
| 216818_s_at | OR2J2 | olfactory receptor, family 2, subfamily J, member 2 | 1.19 |
| 216824_at | | NA | 1.26 |
| 216832_at | RUNX1T1 | runt-related transcription factor 1; translocated to, 1 (cyclin D- related) | 1.46 |

| | | | |
|-------------|----------|--|-----------|
| 216833_x_at | GYPB | glycophorin B (MNS blood group) | - 1.22 |
| 216836_s_at | ERBB2 | v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) | 1.71 |
| 216840_s_at | LAMA2 | laminin, alpha 2 (merosin, congenital muscular dystrophy) | 3.92 |
| 216846_at | IGL@ | immunoglobulin lambda locus | 1.33 |
| 216848_at | KIAA1660 | KIAA1660 protein | - 1.36 |
| 216852_x_at | IGL@ | immunoglobulin lambda locus | - 1.27 |
| 216879_at | HR44 | Hr44 antigen | - 1.35 |

| | | | |
|-------------|---------|---|-----------|
| 216905_s_at | ST14 | suppression of tumorigenicity 14 (colon carcinoma) | 1.78 |
| 216915_s_at | PTPN12 | protein tyrosine phosphatase, non-receptor type 12 | 1.63 |
| 216919_at | TP53I11 | tumor protein p53 inducible protein 11 | - 1.28 |
| 216920_s_at | TARP | TCR gamma alternate reading frame protein | 1.86 |
| 216925_s_at | TAL1 | T-cell acute lymphocytic leukemia 1 | - 1.35 |
| 216930_at | TCF1 | transcription factor 1, hepatic; LF-B1, hepatic nuclear factor (HNF1), albumin proximal factor | - 1.42 |
| 216943_at | | NA | - 1.34 |

| | | | |
|-------------|----------|--|-----------|
| 216978_x_at | ACTL6B | actin-like 6B | - 1.11 |
| 216983_s_at | ZNF224 | zinc finger protein 224 | 1.39 |
| 216984_x_at | IGL@ | immunoglobulin lambda locus | 7.09 |
| 216992_s_at | GRM8 | glutamate receptor, metabotropic 8 | - 1.28 |
| 217018_at | | NA | - 1.26 |
| 217030_at | | NA | - 1.44 |
| 217039_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | - 1.51 |
| 217045_x_at | NCR2 | natural cytotoxicity triggering receptor 2 | - 1.49 |
| 217051_s_at | SS18 | synovial sarcoma translocation, chromosome 18 | - 1.26 |
| 217084_at | MAPKAPK5 | mitogen-activated protein | 1.18 |

| | | | |
|-------------|-----------|---|-----------|
| | | kinase-activated protein kinase 5 | |
| 217095_x_at | NCR1 | natural cytotoxicity triggering receptor 1 | - 1.29 |
| 217096_at | PCLO | piccolo (presynaptic cytomatrix protein) | - 1.23 |
| 217134_at | MTAP | methylthioadenosine phosphorylase | - 1.24 |
| 217144_at | LOC648390 | similar to ubiquitin B precursor | - 2.15 |
| 217145_at | IGKC | immunoglobulin kappa constant | 1.34 |
| 217147_s_at | TRAT1 | T cell receptor associated transmembrane adaptor 1 | 2.16 |
| 217148_x_at | IGL@ | immunoglobulin lambda locus | 10.5 6 |
| 217152_at | | NA | 1.57 |
| 217157_x_at | | NA | 6.46 |

| | | | |
|-------------|-----------|--|-----------|
| 217158_at | LOC728683 | similar to Prostaglandin E2 receptor, EP4 subtype (Prostanoid EP4 receptor) (PGE receptor, EP4 subtype) | - 1.38 |
| 217165_x_at | MT1F | metallothionein 1F | - 1.71 |
| 217174_s_at | APC2 | adenomatosis polyposis coli 2 | - 1.37 |
| 217175_at | UGT2B15 | UDP glucuronosyltransferase 2 family, polypeptide B15 | 1.29 |
| 217179_x_at | LOC96610 | hypothetical gene LOC96610 | 5.34 |
| 217200_x_at | CYB561 | cytochrome b-561 | - 1.41 |
| 217211_at | LOC390861 | similar to cytoplasmic beta- actin | - 1.76 |
| 217216_x_at | MLH3 | mutL homolog 3 (E. coli) | 1.26 |
| 217224_at | | NA | - 1.21 |

| | | | |
|-------------|-------|--|------|
| 217227_x_at | IL8 | interleukin 8 | 5.4 |
| 217232_x_at | HBB | hemoglobin, beta | 6.65 |
| 217234_s_at | VIL2 | villin 2 (ezrin) | 1.96 |
| 217235_x_at | | NA | 4.06 |
| 217236_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | 1.68 |
| 217239_x_at | CPVL | carboxypeptidase, vitellogenic- like | 1.74 |

| | | | |
|-------------|-----------|--|-----------|
| 217249_x_at | | NA | - 1.57 |
| 217258_x_at | IVD | isovaleryl Coenzyme A dehydrogenase | 4.46 |
| 217275_at | DGCR14 | DiGeorge syndrome critical region gene 14 | - 1.33 |
| 217279_x_at | MMP14 | matrix metalloproteinase 14 (membrane-inserted) | - 1.37 |
| 217286_s_at | NDRG3 | NDRG family member 3 | 1.6 |
| 217330_at | DISC1 | disrupted in schizophrenia 1 | -1.2 |
| 217346_at | LOC128192 | similar to peptidylprolyl isomerase A isoform 1 | - 1.24 |
| 217360_x_at | IGHA1 | immunoglobulin heavy constant alpha 1 | 2.04 |

| | | | |
|-------------|-----------|--|-----------|
| 217362_x_at | HLA-DRB6 | major histocompatibility complex, class II, DR beta 6 (pseudogene) | 2.14 |
| 217367_s_at | ZHX3 | zinc fingers and homeoboxes 3 | - 1.48 |
| 217370_x_at | FUS | fusion (involved in t(12;16) in malignant liposarcoma) | 1.39 |
| 217376_at | LOC441938 | similar to Signal-regulatory protein gamma precursor (Signal-regulatory protein beta-2) (SIRP-beta-2) (SIRP-b2) (CD172g antigen) | - 1.46 |
| 217378_x_at | | NA | 12.8 9 |
| 217384_x_at | IL8 | interleukin 8 | 1.58 |

| | | | |
|-------------|-----------|---|------|
| | | | |
| 217395_at | MT4 | metallothionein 4 | 1.54 |
| 217399_s_at | FOXO3 | forkhead box O3 | 1.34 |
| 217408_at | MRPS18B | mitochondrial ribosomal protein S18B | 1.84 |
| 217414_x_at | HBA1 | hemoglobin, alpha 1 | 5.26 |
| 217430_x_at | COL1A1 | collagen, type I, alpha 1 | 1.45 |
| 217434_at | MC2R | melanocortin 2 receptor (adrenocorticotrophic hormone) | 1.11 |
| 217436_x_at | LOC730399 | hypothetical protein LOC730399 | 2.04 |
| 217437_s_at | TACC1 | transforming, acidic coiled-coil containing protein 1 | 1.73 |

| | | | |
|-------------|----------|--|-----------|
| 217442_at | CADM3 | cell adhesion molecule 3 | - 1.54 |
| 217457_s_at | RAP1GDS1 | RAP1, GTP-GDP dissociation stimulator 1 | -1.5 |
| 217480_x_at | HLA-C | major histocompatibility complex, class I, C | 7.08 |
| 217492_s_at | PTENP1 | phosphatase and tensin homolog (mutated in multiple advanced cancers 1), pseudogene 1 | 1.62 |
| 217493_x_at | NCR2 | natural cytotoxicity triggering receptor 2 | - 1.44 |
| 217525_at | OLFML1 | olfactomedin-like 1 | 2.03 |
| 217546_at | MT1M | metallothionein 1M | - 3.45 |
| 217589_at | RAB40A | RAB40A, member RAS | - |

| | | | |
|-------------|--------|---|-----------|
| | | oncogene family | 1.24 |
| 217633_at | URB1 | URB1 ribosome biogenesis 1 homolog (<i>S. cerevisiae</i>) | - 1.21 |
| 217636_at | POLG | polymerase (DNA directed), gamma | - 1.21 |
| 217646_at | SURF1 | surfeit 1 | -1.3 |
| 217673_x_at | GNAS | GNAS complex locus | 1.33 |
| 217676_at | | NA | - 1.26 |
| 217686_at | PTPN1 | protein tyrosine phosphatase, non-receptor type 1 | - 1.22 |
| 217687_at | ADCY2 | adenylate cyclase 2 (brain) | - 1.28 |
| 217741_s_at | ZFAND5 | zinc finger, AN1-type domain 5 | 3.24 |
| 217751_at | GSTK1 | glutathione S-transferase kappa 1 | 1.65 |
| 217767_at | C3 | complement component 3 | - 1.26 |

| | | | |
|-------------|----------|--|-----------|
| 217771_at | GOLM1 | golgi membrane protein 1 | 3.52 |
| 217776_at | RDH11 | retinol dehydrogenase 11 (all-trans/9-cis/11-cis) | - 1.82 |
| 217780_at | C19orf56 | chromosome 19 open reading frame 56 | 1.34 |
| 217789_at | SNX6 | sorting nexin 6 | 1.33 |
| 217798_at | CNOT2 | CCR4-NOT transcription complex, subunit 2 | 1.39 |
| 217806_s_at | POLDIP2 | polymerase (DNA-directed), delta interacting protein 2 | - 1.61 |
| 217807_s_at | GLTSCR2 | glioma tumor suppressor candidate region gene 2 | 2.05 |
| 217818_s_at | ARPC4 | actin related protein 2/3 complex, subunit 4, 20kDa | - 1.58 |

| | | | |
|-------------|----------|--|-----------|
| | | ubiquitin-conjugating enzyme | - |
| 217824_at | UBE2J1 | E2, J1 (UBC6 homolog, yeast) | 1.56 |
| 217836_s_at | YY1AP1 | YY1 associated protein 1 | 1.45 |
| 217852_s_at | ARL8B | ADP-ribosylation factor-like 8B | 1.42 |
| 217867_x_at | BACE2 | beta-site APP-cleaving enzyme 2 | 3.16 |
| 217868_s_at | METTL9 | methyltransferase like 9 | 2.11 |
| 217872_at | PIH1D1 | PIH1 domain containing 1 | - 1.36 |
| 217886_at | EPS15 | epidermal growth factor receptor pathway substrate 15 | 1.7 |
| 217889_s_at | CYBRD1 | cytochrome b reductase 1 | 1.81 |
| 217890_s_at | PARVA | parvin, alpha | 1.73 |
| 217892_s_at | LIMA1 | LIM domain and actin binding 1 | 1.99 |
| 217899_at | FLJ20254 | hypothetical protein FLJ20254 | - 1.42 |

| | | | |
|-------------|----------|--|-----------|
| 217904_s_at | BACE1 | beta-site APP-cleaving enzyme 1 | - 1.54 |
| 217908_s_at | IQWD1 | IQ motif and WD repeats 1 | - 1.59 |
| 217917_s_at | DYNLRB1 | dynein, light chain, roadblock- type 1 | 2.08 |
| 217918_at | DYNLRB1 | dynein, light chain, roadblock- type 1 | 1.79 |
| 217925_s_at | C6orf106 | chromosome 6 open reading frame 106 | - 1.52 |
| 217965_s_at | SAP30BP | SAP30 binding protein | 1.55 |
| 217967_s_at | FAM129A | family with sequence similarity 129, member A | 3.49 |
| 217975_at | WBP5 | WW domain binding protein 5 | 2.65 |
| 217983_s_at | RNASET2 | ribonuclease T2 | 3.93 |
| 217988_at | CCNB1IP1 | cyclin B1 interacting protein 1 | 2.36 |
| 217990_at | GMPR2 | guanosine monophosphate reductase 2 | 1.49 |

| | | | |
|-------------|-----------|--|-----------|
| 217993_s_at | MAT2B | methionine adenosyltransferase II, beta | 1.5 |
| 218010_x_at | C20orf149 | chromosome 20 open reading frame 149 | 1.54 |
| 218032_at | SNN | stannin | 1.68 |
| 218060_s_at | C16orf57 | chromosome 16 open reading frame 57 | - 1.45 |
| 218065_s_at | TMEM9B | TMEM9 domain family, member B | 1.38 |
| 218067_s_at | FLJ10154 | hypothetical protein FLJ10154 | 2.05 |
| 218084_x_at | FXYD5 | FXYD domain containing ion transport regulator 5 | 2.09 |
| 218094_s_at | DBNDD2 | dysbindin (dystrobrevin binding protein 1) domain containing 2 | 1.74 |
| 218100_s_at | IFT57 | intraflagellar transport 57 homolog (Chlamydomonas) | 2.41 |

| | | | |
|-------------|----------|--|-----------|
| 218128_at | NFYB | nuclear transcription factor Y, beta | 1.64 |
| 218157_x_at | CDC42SE1 | CDC42 small effector 1 | 1.84 |
| 218165_at | C1orf149 | chromosome 1 open reading frame 149 | 1.79 |
| 218186_at | RAB25 | RAB25, member RAS oncogene family | 1.94 |
| 218190_s_at | UCRC | ubiquinol-cytochrome c reductase complex (7.2 kD) | 1.35 |
| 218192_at | IHPK2 | inositol hexaphosphate kinase 2 | 1.54 |
| 218198_at | DHX32 | DEAH (Asp-Glu-Ala-His) box polypeptide 32 | - 1.32 |
| 218217_at | SCPEP1 | serine carboxypeptidase 1 | 1.53 |
| 218218_at | APPL2 | adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2 | 1.49 |

| | | | |
|-------------|---------|---|-----------|
| 218222_x_at | ARNT | aryl hydrocarbon receptor nuclear translocator | - 1.38 |
| 218223_s_at | PLEKHO1 | pleckstrin homology domain containing, family O member 1 | 1.44 |
| 218231_at | NAGK | N-acetylglucosamine kinase | 1.35 |
| 218258_at | POLR1D | polymerase (RNA) I polypeptide D, 16kDa | 1.98 |
| 218262_at | RMND5B | required for meiotic nuclear division 5 homolog B (<i>S.</i> <i>cerevisiae</i>) | - 1.39 |
| 218263_s_at | ZBED5 | zinc finger, BED-type containing 5 | 2.11 |

| | | | |
|-------------|-----------|---|-----------|
| 218275_at | SLC25A10 | solute carrier family 25 (mitochondrial carrier; dicarboxylate transporter), member 10 | - 1.59 |
| 218277_s_at | DHX40 | DEAH (Asp-Glu-Ala-His) box polypeptide 40 | 1.73 |
| 218298_s_at | C14orf159 | chromosome 14 open reading frame 159 | 2.23 |
| 218305_at | IPO4 | importin 4 | - 1.53 |
| 218307_at | RSAD1 | radical S-adenosyl methionine domain containing 1 | -1.5 |
| 218312_s_at | ZSCAN18 | zinc finger and SCAN domain containing 18 | 1.89 |
| 218344_s_at | RCOR3 | REST corepressor 3 | 1.7 |
| 218346_s_at | SESN1 | sestrin 1 | 2.07 |
| 218350_s_at | GMNN | geminin, DNA replication inhibitor | 3.46 |

| | | | |
|-------------|-----------|--|-----------|
| 218353_at | RGS5 | regulator of G-protein signaling 5 | 2.02 |
| 218368_s_at | TNFRSF12A | tumor necrosis factor receptor superfamily, member 12A | 2.27 |
| 218370_s_at | S100BP | S100P binding protein | 1.58 |
| 218376_s_at | MICAL1 | microtubule associated monooxygenase, calponin and LIM domain containing 1 | 1.49 |
| 218378_s_at | PRKRIP1 | PRKR interacting protein 1 (IL11 inducible) | 1.43 |
| 218380_at | NLRP1 | NLR family, pyrin domain containing 1 | 1.31 |
| 218392_x_at | SFXN1 | sideroflexin 1 | - 1.71 |
| 218399_s_at | CDCA4 | cell division cycle associated 4 | - 1.25 |

| | | | |
|-------------|-----------|--|-----------|
| 218424_s_at | STEAP3 | STEAP family member 3 | - 2.13 |
| 218467_at | TNFSF5IP1 | tumor necrosis factor superfamily, member 5-induced protein 1 | 1.57 |
| 218471_s_at | BBS1 | Bardet-Biedl syndrome 1 | 1.43 |
| 218501_at | ARHGEF3 | Rho guanine nucleotide exchange factor (GEF) 3 | 2.48 |
| 218502_s_at | TRPS1 | trichorhinophalangeal syndrome I | 1.71 |
| 218539_at | FBXO34 | F-box protein 34 | 1.36 |
| 218546_at | C1orf115 | chromosome 1 open reading frame 115 | - 1.68 |
| 218559_s_at | MAFB | v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian) | 3.2 |

| | | | |
|-------------|---------|---|-----------|
| 218574_s_at | LMCD1 | LIM and cysteine-rich domains 1 | 1.65 |
| 218576_s_at | DUSP12 | dual specificity phosphatase 12 | 1.44 |
| 218589_at | P2RY5 | purinergic receptor P2Y, G- protein coupled, 5 | 2.97 |
| 218606_at | ZDHHC7 | zinc finger, DHHC-type containing 7 | 1.43 |
| 218611_at | IER5 | immediate early response 5 | 2.6 |
| 218612_s_at | TSSC4 | tumor suppressing subtransferable candidate 4 | - 1.29 |
| 218619_s_at | SUV39H1 | suppressor of variegation 3-9 homolog 1 (Drosophila) | - 1.44 |
| 218630_at | MKS1 | Meckel syndrome, type 1 | - 1.27 |
| 218639_s_at | ZXDC | ZXD family zinc finger C | - 1.35 |

| | | | |
|-------------|---------|---|-----------|
| 218686_s_at | RHBDF1 | rhomboid 5 homolog 1 (Drosophila) | 1.68 |
| 218687_s_at | MUC13 | mucin 13, cell surface associated | 2.55 |
| 218694_at | ARMCX1 | armadillo repeat containing, X- linked 1 | 2.26 |
| 218711_s_at | SDPR | serum deprivation response (phosphatidylserine binding protein) | 2.53 |
| 218718_at | PDGFC | platelet derived growth factor C | 1.97 |
| 218729_at | LXN | latexin | 5.11 |
| 218744_s_at | PACSIN3 | protein kinase C and casein kinase substrate in neurons 3 | - 1.65 |
| 218746_at | TAPBPL | TAP binding protein-like | 1.8 |
| 218764_at | PRKCH | protein kinase C, eta | 3 |
| 218776_s_at | TMEM62 | transmembrane protein 62 | - 1.26 |

| | | | |
|-------------|----------|--|-----------|
| 218802_at | CCDC109B | coiled-coil domain containing 109B | 1.93 |
| 218811_at | ORAI2 | ORAI calcium release-activated calcium modulator 2 | - 1.33 |
| 218837_s_at | UBE2D4 | ubiquitin-conjugating enzyme E2D 4 (putative) | - 1.42 |
| 218858_at | DEPDC6 | DEP domain containing 6 | 1.86 |
| 218860_at | NOC4L | nucleolar complex associated 4 homolog (<i>S. cerevisiae</i>) | - 1.39 |
| 218862_at | ASB13 | ankyrin repeat and SOCS box- containing 13 | - 2.35 |
| 218867_s_at | C12orf49 | chromosome 12 open reading frame 49 | - 1.58 |

| | | | |
|-------------|----------|--|-----------|
| 218885_s_at | GALNT12 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12) | 1.21 |
| 218891_at | C10orf76 | chromosome 10 open reading frame 76 | - 1.45 |
| 218895_at | GPATCH3 | G patch domain containing 3 | - 1.35 |
| 218943_s_at | DDX58 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 | 1.57 |
| 218986_s_at | FLJ20035 | hypothetical protein FLJ20035 | 3.9 |
| 218991_at | HEATR6 | HEAT repeat containing 6 | 1.23 |
| 218995_s_at | EDN1 | endothelin 1 | 1.74 |
| 218999_at | TMEM140 | transmembrane protein 140 | 1.96 |

| | | | |
|-------------|----------|--|-----------|
| 219018_s_at | C14orf65 | chromosome 14 open reading frame 65 | - 1.26 |
| 219033_at | PARP8 | poly (ADP-ribose) polymerase family, member 8 | 2.51 |
| 219035_s_at | RNF34 | ring finger protein 34 | 1.73 |
| 219049_at | ChGn | chondroitin beta1,4 N- acetylgalactosaminyltransferase | 2.76 |
| 219073_s_at | OSBPL10 | oxysterol binding protein-like 10 | 1.87 |
| 219093_at | PID1 | phosphotyrosine interaction domain containing 1 | - 2.94 |
| 219101_x_at | ABHD8 | abhydrolase domain containing 8 | - 1.42 |
| 219103_at | DDEFL1 | development and differentiation enhancing factor-like 1 | - 1.36 |
| 219115_s_at | IL20RA | interleukin 20 receptor, alpha | 1.27 |

| | | | |
|-------------|--------|--|-----------|
| 219161_s_at | CKLF | chemokine-like factor | 1.84 |
| 219170_at | FSD1 | fibronectin type III and SPRY domain containing 1 | - 1.53 |
| 219179_at | DACT1 | dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis) | 2.05 |
| 219180_s_at | PEX26 | peroxisome biogenesis factor 26 | - 1.41 |
| 219187_at | FKBPL | FK506 binding protein like | -1.5 |
| 219192_at | UBAP2 | ubiquitin associated protein 2 | 1.84 |
| 219209_at | IFIH1 | interferon induced with helicase C domain 1 | 2.25 |
| 219223_at | C9orf7 | chromosome 9 open reading frame 7 | - 1.42 |
| 219228_at | ZNF331 | zinc finger protein 331 | 4.11 |

| | | | |
|-------------|----------|--|-----------|
| 219229_at | SLCO3A1 | solute carrier organic anion transporter family, member 3A1 | 1.39 |
| 219230_at | TMEM100 | transmembrane protein 100 | 2.89 |
| 219243_at | GIMAP4 | GTPase, IMAP family member 4 | 1.84 |
| 219245_s_at | OGFOD2 | 2-oxoglutarate and iron- dependent oxygenase domain containing 2 | - 1.43 |
| 219276_x_at | C9orf82 | chromosome 9 open reading frame 82 | - 1.63 |
| 219279_at | DOCK10 | dedicator of cytokinesis 10 | 1.73 |
| 219315_s_at | C16orf30 | chromosome 16 open reading frame 30 | 2.46 |
| 219318_x_at | MED31 | mediator complex subunit 31 | - 1.35 |

| | | | |
|-------------|----------|--|-----------|
| 219320_at | MYOHD1 | myosin head domain containing 1 | - 1.34 |
| 219329_s_at | C2orf28 | chromosome 2 open reading frame 28 | 1.5 |
| 219332_at | MICALL2 | MICAL-like 2 | 1.55 |
| 219352_at | HERC6 | hect domain and RLD 6 | 2.18 |
| 219371_s_at | KLF2 | Kruppel-like factor 2 (lung) | 2.01 |
| 219372_at | IFT81 | intraflagellar transport 81 homolog (Chlamydomonas) | 1.45 |
| 219407_s_at | LAMC3 | laminin, gamma 3 | 2.19 |
| 219419_at | C18orf22 | chromosome 18 open reading frame 22 | -1.4 |
| 219440_at | RAI2 | retinoic acid induced 2 | 2.17 |
| 219441_s_at | LRRK1 | leucine-rich repeat kinase 1 | 1.25 |
| 219469_at | DYNC2H1 | dynein, cytoplasmic 2, heavy chain 1 | 1.35 |

| | | | |
|-------------|---------|--|-----------|
| 219486_at | DUS2L | dihydrouridine synthase 2-like, SMM1 homolog (<i>S. cerevisiae</i>) | - 1.48 |
| 219505_at | CECR1 | cat eye syndrome chromosome region, candidate 1 | 3.76 |
| 219506_at | C1orf54 | chromosome 1 open reading frame 54 | 1.73 |
| 219527_at | MOSC2 | MOCO sulphurase C-terminal domain containing 2 | - 1.63 |
| 219528_s_at | BCL11B | B-cell CLL/lymphoma 11B (zinc finger protein) | 1.62 |
| 219534_x_at | CDKN1C | cyclin-dependent kinase inhibitor 1C (p57, Kip2) | 1.81 |
| 219540_at | ZNF267 | zinc finger protein 267 | 1.79 |
| 219552_at | SVEP1 | sushi, von Willebrand factor type A, EGF and pentraxin | 1.3 |

| | | | |
|-------------|-----------|--|-----------|
| | | domain containing 1 | |
| 219573_at | LRRC16 | leucine rich repeat containing 16 | 1.62 |
| 219599_at | | NA | 2.52 |
| 219605_at | ZNF3 | zinc finger protein 3 | -1.3 |
| 219611_s_at | CCDC21 | coiled-coil domain containing 21 | - 1.35 |
| 219613_s_at | SIRT6 | sirtuin (silent mating type information regulation 2 homolog) 6 (<i>S. cerevisiae</i>) | - 1.55 |
| 219679_s_at | WAC | WW domain containing adaptor with coiled-coil | 2.07 |
| 219681_s_at | RAB11FIP1 | RAB11 family interacting protein 1 (class I) | 1.87 |

| | | | |
|-------------|----------|--|-----------|
| 219684_at | RTP4 | receptor (chemosensory) transporter protein 4 | 1.97 |
| 219691_at | SAMD9 | sterile alpha motif domain containing 9 | 1.41 |
| 219694_at | FAM105A | family with sequence similarity 105, member A | 1.53 |
| 219709_x_at | C16orf24 | chromosome 16 open reading frame 24 | - 1.44 |
| 219712_s_at | CARKL | carbohydrate kinase-like | -1.5 |
| 219723_x_at | AGPAT3 | 1-acylglycerol-3-phosphate O- acyltransferase 3 | - 1.43 |
| 219738_s_at | PCDH9 | protocadherin 9 | 1.27 |
| 219767_s_at | CRYZL1 | crystallin, zeta (quinone reductase)-like 1 | 2.24 |
| 219769_at | INCENP | inner centromere protein antigens 135/155kDa | - 1.24 |

| | | | |
|-----------|---------|--|-----------|
| 219778_at | ZFPM2 | zinc finger protein, multitype 2 | 2.76 |
| 219783_at | C2orf18 | chromosome 2 open reading frame 18 | - 1.31 |
| 219801_at | ZNF34 | zinc finger protein 34 | 1.24 |
| 219809_at | WDR55 | WD repeat domain 55 | - 1.44 |
| 219812_at | PVRIG | poliovirus receptor related immunoglobulin domain containing | 1.27 |
| 219828_at | C9orf86 | chromosome 9 open reading frame 86 | - 1.46 |
| 219847_at | HDAC11 | histone deacetylase 11 | - 1.47 |
| 219860_at | LY6G5C | lymphocyte antigen 6 complex, locus G5C | - 1.18 |
| 219863_at | HERC5 | hect domain and RLD 5 | 2.47 |
| 219865_at | HSPC157 | HSPC157 protein | - 1.55 |

| | | | |
|-------------|----------|--|-----------|
| 219871_at | FLJ13197 | hypothetical FLJ13197 | 1.42 |
| 219877_at | ZMAT4 | zinc finger, matrin type 4 | -1.2 |
| 219885_at | SLFN12 | schlafen family member 12 | 1.38 |
| 219924_s_at | ZMYM6 | zinc finger, MYM-type 6 | 1.38 |
| 219999_at | MAN2A2 | mannosidase, alpha, class 2A, member 2 | - 1.49 |
| 220009_at | LONRF3 | LON peptidase N-terminal domain and ring finger 3 | - 1.76 |
| 220014_at | PRR16 | proline rich 16 | 1.45 |
| 220015_at | CASZ1 | castor zinc finger 1 | - 1.48 |

| | | | |
|-------------|----------|---|-----------|
| 220020_at | XPNPEP3 | X-prolyl aminopeptidase (aminopeptidase P) 3, putative | - 1.47 |
| 220038_at | SGK3 | serum/glucocorticoid regulated kinase family, member 3 | - 2.17 |
| 220046_s_at | CCNL1 | cyclin L1 | 2.06 |
| 220048_at | EDAR | ectodysplasin A receptor | - 1.22 |
| 220053_at | GDF3 | growth differentiation factor 3 | - 1.23 |
| 220073_s_at | PLEKHG6 | pleckstrin homology domain containing, family G (with RhoGef domain) member 6 | - 1.29 |
| 220082_at | PPP1R14D | protein phosphatase 1, regulatory (inhibitor) subunit 14D | - 1.33 |
| 220088_at | C5AR1 | complement component 5a receptor 1 | 3 |

| | | | |
|-------------|--------|--|-----------|
| 220105_at | RTDR1 | rhabdoid tumor deletion region gene 1 | - 1.18 |
| 220106_at | NPC1L1 | NPC1 (Niemann-Pick disease, type C1, gene)-like 1 | - 1.98 |
| 220116_at | KCNN2 | potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2 | -3.1 |
| 220132_s_at | CLEC2D | C-type lectin domain family 2, member D | 1.3 |
| 220138_at | HAND1 | heart and neural crest derivatives expressed 1 | -1.4 |
| 220147_s_at | FAM60A | family with sequence similarity 60, member A | 2.19 |
| 220156_at | EFCAB1 | EF-hand calcium binding domain 1 | - 1.27 |

| | | | |
|-------------|---------|--|-----------|
| 220158_at | LGALS14 | lectin, galactoside-binding, soluble, 14 | - 1.15 |
| 220160_s_at | KPTN | kaptin (actin binding protein) | - 1.28 |
| 220167_s_at | TP53TG3 | TP53TG3 protein | - 1.27 |
| 220177_s_at | TMPRSS3 | transmembrane protease, serine 3 | - 1.99 |
| 220201_at | RC3H2 | ring finger and CCCH-type zinc finger domains 2 | - -1.5 |
| 220203_at | BMP8A | bone morphogenetic protein 8a | - 1.41 |
| 220230_s_at | CYB5R2 | cytochrome b5 reductase 2 | - 1.39 |
| 220236_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | - -1.2 |
| 220245_at | SLC45A2 | solute carrier family 45, member 2 | - 1.36 |

| | | | |
|-------------|-----------|---|-----------|
| 220262_s_at | DLK2 | delta-like 2 homolog (Drosophila) | -1.4 |
| 220274_at | IQCA | IQ motif containing with AAA domain | - 1.18 |
| 220278_at | JMJD2D | jumonji domain containing 2D | - 1.12 |
| 220283_at | KIAA1822L | KIAA1822-like | - 1.35 |
| 220291_at | GDPD2 | glycerophosphodiester phosphodiesterase domain containing 2 | -1.3 |
| 220292_at | ZNF434 | zinc finger protein 434 | - 1.32 |
| 220301_at | CCDC102B | coiled-coil domain containing 102B | 1.55 |
| 220309_at | TTC22 | tetratricopeptide repeat domain 22 | - 1.23 |

| | | | |
|-------------|----------|--|-----------|
| 220330_s_at | SAMSN1 | SAM domain, SH3 domain and nuclear localization signals 1 | 3.4 |
| 220339_s_at | TPSG1 | tryptase gamma 1 | -1.3 |
| 220340_at | KIAA1772 | KIAA1772 | - 1.48 |
| 220373_at | DCHS2 | dachsous 2 (Drosophila) | - 1.22 |
| 220395_at | DNAJA4 | DnaJ (Hsp40) homolog, subfamily A, member 4 | - 1.51 |
| 220398_at | GNPTAB | N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits | - 1.27 |
| 220422_at | UBQLN3 | ubiquilin 3 | - 1.22 |
| 220424_at | NPHS2 | nephrosis 2, idiopathic, steroid-resistant (podocin) | - 1.43 |

| | | | |
|-------------|----------|--|-----------|
| 220439_at | RIN3 | Ras and Rab interactor 3 | - 1.26 |
| 220522_at | CRB1 | crumbs homolog 1 (Drosophila) | - 1.32 |
| 220531_at | FLJ14126 | hypothetical protein FLJ14126 | - 1.21 |
| 220535_at | FAM90A1 | family with sequence similarity 90, member A1 | - 1.27 |
| 220542_s_at | PLUNC | palate, lung and nasal epithelium carcinoma associated | - 1.53 |
| 220577_at | GVIN1 | GTPase, very large interferon inducible 1 | 1.46 |
| 220580_at | BICC1 | bicaudal C homolog 1 (Drosophila) | 1.56 |
| 220606_s_at | C17orf48 | chromosome 17 open reading frame 48 | 1.78 |

| | | | |
|-------------|----------|--|-----------|
| 220617_s_at | ZNF532 | zinc finger protein 532 | 1.41 |
| 220645_at | FAM55D | family with sequence similarity 55, member D | - 1.23 |
| 220690_s_at | DHRS7B | dehydrogenase/reductase (SDR family) member 7B | 1.37 |
| 220704_at | IKZF1 | IKAROS family zinc finger 1 (Ikaros) | 1.25 |
| 220708_at | | NA | - 1.35 |
| 220722_s_at | SLC5A7 | solute carrier family 5 (choline transporter), member 7 | - 1.51 |
| 220745_at | IL19 | interleukin 19 | - 1.45 |
| 220749_at | C10orf68 | chromosome 10 open reading frame 68 | - 1.41 |

| | | | |
|-------------|----------|---|-----------|
| 220776_at | KCNJ14 | potassium inwardly-rectifying channel, subfamily J, member 14 | - 1.24 |
| 220779_at | PADI3 | peptidyl arginine deiminase, type III | -1.3 |
| 220811_at | PRG3 | proteoglycan 3 | - 1.18 |
| 220815_at | CTNNA3 | catenin (cadherin-associated protein), alpha 3 | - 1.34 |
| 220846_s_at | PRKCZ | protein kinase C, zeta | - 1.27 |
| 220853_at | GTDC1 | glycosyltransferase-like domain containing 1 | - 1.38 |
| 220857_at | | NA | - 1.25 |
| 220892_s_at | PSAT1 | phosphoserine aminotransferase 1 | - 2.62 |
| 220939_s_at | DPP8 | dipeptidyl-peptidase 8 | 2.11 |
| 220940_at | KIAA1641 | KIAA1641 | 2.43 |

| | | | |
|-------------|----------|---|-----------|
| | | | |
| 220944_at | PGLYRP4 | peptidoglycan recognition protein 4 | - 1.81 |
| 220947_s_at | TBC1D10B | TBC1 domain family, member 10B | -1.4 |
| 220962_s_at | PADI1 | peptidyl arginine deiminase, type I | - 1.47 |
| 220995_at | STXBP6 | syntaxin binding protein 6 (amisyn) | -1.2 |
| 220998_s_at | UNC93B1 | unc-93 homolog B1 (C. elegans) | 1.64 |
| 221001_at | C15orf49 | chromosome 15 open reading frame 49 | - 1.22 |
| 221004_s_at | ITM2C | integral membrane protein 2C | 1.36 |
| 221025_x_at | PUS7L | pseudouridylate synthase 7 homolog (<i>S. cerevisiae</i>)-like | - 1.27 |
| 221032_s_at | TMPRSS5 | transmembrane protease, serine 5 (spinesin) | - 1.34 |

| | | | |
|-------------|----------|---|-----------|
| 221034_s_at | TEX13B | testis expressed 13B | - 1.45 |
| 221039_s_at | DDEF1 | development and differentiation enhancing factor 1 | 1.89 |
| 221052_at | TDRKH | tudor and KH domain containing | - 1.22 |
| 221058_s_at | CKLF | chemokine-like factor | 1.68 |
| 221087_s_at | APOL3 | apolipoprotein L, 3 | 2.56 |
| 221097_s_at | KCNMB2 | potassium large conductance calcium-activated channel, subfamily M, beta member 2 | - 1.25 |
| 221106_at | SLC22A17 | solute carrier family 22 (organic cation transporter), member 17 | - 1.21 |
| 221113_s_at | WNT16 | wingless-type MMTV integration site family, member 16 | -1.3 |

| | | | |
|-------------|--------|---|-----------|
| 221115_s_at | LENEP | lens epithelial protein | - 1.26 |
| 221147_x_at | WWOX | WW domain containing oxidoreductase | - 1.49 |
| 221160_s_at | CABP5 | calcium binding protein 5 | - 1.19 |
| 221162_at | HHLA1 | HERV-H LTR-associating 1 | - 1.39 |
| 221197_s_at | CHAT | choline acetyltransferase | - 1.32 |
| 221199_at | GFRA4 | GDNF family receptor alpha 4 | - 1.45 |
| 221207_s_at | NBEA | neurobeachin | - 1.53 |
| 221214_s_at | NELF | nasal embryonic LHRH factor | - 1.41 |
| 221238_at | NSBP1 | nucleosomal binding protein 1 | - 1.19 |
| 221240_s_at | B3GNT4 | UDP-GlcNAc:betaGal beta- 1,3-N- acetylglucosaminyltransferase 4 | - 1.36 |
| 221242_at | | NA | - |

| | | | |
|-------------|----------|--|-----------|
| | | | 1.47 |
| 221246_x_at | TNS1 | tensin 1 | 1.47 |
| 221260_s_at | FAM130A1 | family with sequence similarity 130, member A1 | 1.65 |
| 221269_s_at | SH3BGRL3 | SH3 domain binding glutamic acid-rich protein like 3 | 1.76 |
| 221273_s_at | RNF208 | ring finger protein 208 | - 1.39 |
| 221286_s_at | MGC29506 | hypothetical protein MGC29506 | 3.11 |
| 221287_at | RNASEL | ribonuclease L (2',5'- oligoadenylate synthetase- dependent) | - 1.37 |
| 221299_at | GPR173 | G protein-coupled receptor 173 | - 1.29 |
| 221313_at | GPR52 | G protein-coupled receptor 52 | - 1.43 |
| 221314_at | GDF9 | growth differentiation factor 9 | -1.4 |

| | | | |
|-------------|---------|---|-----------|
| 221318_at | NEUROD4 | neurogenic differentiation 4 | - 1.27 |
| 221357_at | CHRM4 | cholinergic receptor, muscarinic 4 | - 1.27 |
| 221382_at | | NA | - 1.38 |
| 221389_at | PLA2G2E | phospholipase A2, group IIE | - 1.23 |
| 221392_at | TAS2R4 | taste receptor, type 2, member 4 | - 1.22 |
| 221399_at | EDA2R | ectodysplasin A2 receptor | - 1.42 |
| 221409_at | OR2S2 | olfactory receptor, family 2, subfamily S, member 2 | - 1.41 |
| 221414_s_at | DEFB126 | defensin, beta 126 | - 1.14 |
| 221417_x_at | EDG8 | endothelial differentiation, sphingolipid G-protein-coupled receptor, 8 | - 1.2 |

| | | | |
|-------------|---------|---|-----------|
| 221427_s_at | CCNL2 | cyclin L2 | 1.97 |
| 221430_s_at | RNF146 | ring finger protein 146 | 1.46 |
| 221431_s_at | OR12D3 | olfactory receptor, family 12, subfamily D, member 3 | - 1.24 |
| 221437_s_at | MRPS15 | mitochondrial ribosomal protein S15 | - 1.42 |
| 221444_at | TAS2R16 | taste receptor, type 2, member 16 | - 1.15 |
| 221447_s_at | GLT8D2 | glycosyltransferase 8 domain containing 2 | 1.39 |
| 221448_s_at | TEX15 | testis expressed 15 | - 1.17 |
| 221453_at | G6PC2 | glucose-6-phosphatase, catalytic, 2 | - 1.33 |
| 221460_at | OR2C1 | olfactory receptor, family 2, subfamily C, member 1 | - 1.27 |

| | | | |
|-------------|-----------|---|-----------|
| | | | - |
| 221462_x_at | KLK15 | kallikrein-related peptidase 15 | 1.24 |
| 221474_at | MRLC2 | myosin regulatory light chain MRLC2 | 1.39 |
| 221475_s_at | RPL15 | ribosomal protein L15 | 1.55 |
| 221476_s_at | RPL15 | ribosomal protein L15 | 1.38 |
| 221479_s_at | BNIP3L | BCL2/adenovirus E1B 19kDa interacting protein 3-like | 1.97 |
| 221501_x_at | LOC339047 | hypothetical protein LOC339047 | 1.5 |
| 221510_s_at | GLS | glutaminase | 2.36 |
| 221517_s_at | MED17 | mediator complex subunit 17 | 1.76 |
| 221520_s_at | CDC48 | cell division cycle associated 8 | - 1.29 |
| 221529_s_at | PLVAP | plasmalemma vesicle associated protein | 2.73 |

| | | | |
|-------------|--------------|---|------|
| 221530_s_at | BHLHB3 | basic helix-loop-helix domain containing, class B, 3 | 1.55 |
| 221545_x_at | MED16 | mediator complex subunit 16 | 1.38 |
| 221553_at | RP11-217H1.1 | implantation-associated protein | 1.92 |
| 221593_s_at | RPL31 | ribosomal protein L31 | 1.96 |
| 221612_at | LRTM1 | leucine-rich repeats and transmembrane domains 1 | 1.16 |
| 221642_at | TREX1 | three prime repair exonuclease 1 | 1.19 |
| 221670_s_at | LHX3 | LIM homeobox 3 | 1.53 |
| 221698_s_at | CLEC7A | C-type lectin domain family 7, member A | 2.58 |

| | | | |
|-------------|---------|---|-----------|
| 221701_s_at | STRA6 | stimulated by retinoic acid gene 6 homolog (mouse) | - 1.28 |
| 221726_at | RPL22 | ribosomal protein L22 | 1.51 |
| 221729_at | COL5A2 | collagen, type V, alpha 2 | 2.07 |
| 221746_at | UBL4A | ubiquitin-like 4A | - 1.36 |
| 221747_at | TNS1 | tensin 1 | 1.91 |
| 221748_s_at | TNS1 | tensin 1 | 1.89 |
| 221756_at | PIK3IP1 | phosphoinositide-3-kinase interacting protein 1 | 2.6 |
| 221760_at | MAN1A1 | mannosidase, alpha, class 1A, member 1 | - 2.15 |
| 221765_at | UGCG | UDP-glucose ceramide glucosyltransferase | 2.59 |

| | | | |
|-------------|----------|---|-----------|
| 221768_at | SFPQ | splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated) | 2.11 |
| 221773_at | ELK3 | ELK3, ETS-domain protein (SRF accessory protein 2) | 2.36 |
| 221780_s_at | DDX27 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 | 1.34 |
| 221808_at | RAB9A | RAB9A, member RAS oncogene family | 1.75 |
| 221816_s_at | PHF11 | PHD finger protein 11 | 2.18 |
| 221817_at | DOLPP1 | dolichyl pyrophosphate phosphatase 1 | - 1.79 |
| 221821_s_at | C12orf41 | chromosome 12 open reading frame 41 | 1.33 |

| | | | |
|-------------|---------|--|-----------|
| 221824_s_at | 8-Mar | membrane-associated ring finger (C3HC4) 8 | - 1.54 |
| 221841_s_at | KLF4 | Kruppel-like factor 4 (gut) | 4.92 |
| 221850_x_at | CTGLF1 | centaurin, gamma-like family, member 1 | 1.49 |
| 221856_s_at | FAM63A | family with sequence similarity 63, member A | - 1.34 |
| 221861_at | | NA | - 1.33 |
| 221872_at | RARRES1 | retinoic acid receptor responder (tazarotene induced) 1 | 2.97 |
| 221875_x_at | HLA-F | major histocompatibility complex, class I, F | 2.23 |
| 221900_at | COL8A2 | collagen, type VIII, alpha 2 | 1.26 |
| 221925_s_at | CSPP1 | centrosome and spindle pole associated protein 1 | 1.34 |

| | | | |
|-------------|-----------|--|-----------|
| 221942_s_at | GUCY1A3 | guanylate cyclase 1, soluble, alpha 3 | 2.45 |
| 221943_x_at | RPL38 | ribosomal protein L38 | 1.63 |
| 221948_s_at | KLHL22 | kelch-like 22 (Drosophila) | - 1.25 |
| 221949_at | LOC222070 | hypothetical protein LOC222070 | - 1.42 |
| 221952_x_at | TRMT5 | TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae) | 1.89 |
| 221973_at | | NA | 1.51 |
| 221974_at | PWCR1 | Prader-Willi syndrome chromosome region 1 | 1.98 |
| 221978_at | HLA-F | major histocompatibility complex, class I, F | 2.16 |
| 221989_at | RPL10 | ribosomal protein L10 | 1.94 |
| 221991_at | NXP3 | neurexophilin 3 | - |

| | | | |
|-------------|-----------|---|-----------|
| | | | 1.34 |
| | | | - |
| 221998_s_at | VRK3 | vaccinia related kinase 3 | 1.63 |
| | | | - |
| 222019_at | PFDN6 | prefoldin subunit 6 | 1.46 |
| | | | |
| 222023_at | AKAP13 | A kinase (PRKA) anchor protein 13 | 1.28 |
| | | | |
| 222040_at | LOC728844 | hypothetical protein LOC728844 | 2.1 |
| | | | - |
| 222043_at | CLU | clusterin | 1.91 |
| | | | |
| 222052_at | C19orf54 | chromosome 19 open reading frame 54 | - 1.39 |
| | | | |
| 222062_at | IL27RA | interleukin 27 receptor, alpha | 1.3 |
| | | | |
| 222071_s_at | SLCO4C1 | solute carrier organic anion transporter family, member 4C1 | -3.2 |

| | | | |
|-------------|------------|--|-----------|
| 222088_s_at | SLC2A14 | solute carrier family 2 (facilitated glucose transporter), member 14 | 2.02 |
| 222125_s_at | PH-4 | hypoxia-inducible factor prolyl 4-hydroxylase | 1.5 |
| 222136_x_at | ZNF43 | zinc finger protein 43 | 1.35 |
| 222150_s_at | tcag7.1314 | hypothetical protein LOC54103 | 2.28 |
| 222154_s_at | LOC26010 | viral DNA polymerase- transactivated protein 6 | 1.6 |
| 222167_at | PVRL3 | poliovirus receptor-related 3 | - 1.42 |
| 222185_at | PKNOX2 | PBX/knotted 1 homeobox 2 | - 1.36 |
| 222218_s_at | PILRA | paired immunoglobulin-like type 2 receptor alpha | 1.43 |

| | | | |
|-------------|----------|---|-----------|
| 222233_s_at | DCLRE1C | DNA cross-link repair 1C (PSO2 homolog, <i>S. cerevisiae</i>) | 1.6 |
| 222236_s_at | DDEFL1 | development and differentiation enhancing factor-like 1 | - 1.58 |
| 222240_s_at | ISYNA1 | myo-inositol 1-phosphate synthase A1 | 1.35 |
| 222267_at | FLJ14803 | hypothetical protein FLJ14803 | - 1.19 |
| 222275_at | | NA | - 1.49 |
| 222281_s_at | | NA | 1.44 |
| 222288_at | | NA | 1.27 |
| 222296_at | | NA | - 1.51 |
| 222298_at | | NA | - 1.16 |
| 222302_at | | NA | - 1.44 |

| | | | |
|-------------|---------|---|-----------|
| 222304_x_at | OR7E47P | olfactory receptor, family 7, subfamily E, member 47 pseudogene | - 1.42 |
| 222314_x_at | ITPR1 | inositol 1,4,5-triphosphate receptor, type 1 | 1.31 |
| 222363_at | | NA | - 1.47 |
| 222371_at | PIAS1 | protein inhibitor of activated STAT, 1 | 2.28 |
| 222383_s_at | ALOXE3 | arachidonate lipoxygenase 3 | - 1.22 |
| 31637_s_at | NR1D1 | nuclear receptor subfamily 1, group D, member 1 | - 1.95 |
| 320_at | PEX6 | peroxisomal biogenesis factor 6 | - 1.49 |
| 32259_at | EZH1 | enhancer of zeste homolog 1 (Drosophila) | 1.26 |
| 32402_s_at | SYMPK | symplekin | -1.3 |

| | | | |
|----------|--------|---|------|
| 32541_at | PPP3CC | protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform | 1.71 |
| 33197_at | MYO7A | myosin VIIA | 1.47 |
| 33304_at | ISG20 | interferon stimulated exonuclease gene 20kDa | 2.58 |
| 33736_at | STOML1 | stomatin (EPB72)-like 1 | 1.33 |
| 33768_at | DMWD | dystrophia myotonica, WD repeat containing | 1.48 |
| 34471_at | MYH8 | myosin, heavy chain 8, skeletal muscle, perinatal | 1.16 |
| 34846_at | CAMK2B | calcium/calmodulin-dependent protein kinase (CaM kinase) II beta | 1.38 |

| | | | |
|----------|----------|--|-----------|
| 34868_at | SMG5 | Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans) | - 1.51 |
| 36019_at | STK19 | serine/threonine kinase 19 | - 1.27 |
| 36129_at | SGSM2 | small G protein signaling modulator 2 | - 1.37 |
| 36612_at | KIAA0280 | KIAA0280 | - 1.56 |
| 36711_at | MAFF | v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) | 5.51 |
| 36907_at | MVK | mevalonate kinase (mevalonic aciduria) | - 1.75 |
| 37004_at | SFTPB | surfactant, pulmonary-associated protein B | - 1.18 |
| 37408_at | MRC2 | mannose receptor, C type 2 | 1.45 |
| 37586_at | ZNF142 | zinc finger protein 142 | - 1.13 |

| | | | |
|------------|----------|--|-----------|
| 38043_at | FAM3A | family with sequence similarity 3, member A | - 1.46 |
| 38149_at | ARHGAP25 | Rho GTPase activating protein 25 | 1.42 |
| 38241_at | BTN3A3 | butyrophilin, subfamily 3, member A3 | 2.12 |
| 38290_at | RGS14 | regulator of G-protein signaling 14 | -1.5 |
| 38447_at | ADRBK1 | adrenergic, beta, receptor kinase 1 | - 1.42 |
| 38691_s_at | SFTPC | surfactant, pulmonary- associated protein C | - 1.62 |
| 38707_r_at | E2F4 | E2F transcription factor 4, p107/p130-binding | -2 |
| 38710_at | OTUB1 | OTU domain, ubiquitin aldehyde binding 1 | - 1.42 |

| | | | |
|----------|--------|---|-----------|
| 38766_at | SRCAP | Snf2-related CBP activator protein | - 1.25 |
| 38918_at | SOX13 | SRY (sex determining region Y)-box 13 | - 1.35 |
| 39548_at | NPAS2 | neuronal PAS domain protein 2 | - 1.25 |
| 39582_at | CYLD | cylindromatosis (turban tumor syndrome) | - 1.57 |
| 396_f_at | EPOR | erythropoietin receptor | - 1.89 |
| 39763_at | HPX | hemopexin | - 1.54 |
| 40640_at | NCAPH2 | non-SMC condensin II complex, subunit H2 | - 1.29 |
| 41469_at | PI3 | peptidase inhibitor 3, skin-derived (SKALP) | - 1.19 |
| 41657_at | STK11 | serine/threonine kinase 11 | - 1.67 |

| | | | |
|------------|----------|---------------------------------------|-----------|
| 43427_at | ACACB | acetyl-Coenzyme A carboxylase beta | - 2.03 |
| 43544_at | MED16 | mediator complex subunit 16 | - 1.72 |
| 43977_at | TMEM161A | transmembrane protein 161A | - 1.29 |
| 44120_at | ADCK2 | aarF domain containing kinase 2 | - 1.24 |
| 44563_at | WDR79 | WD repeat domain 79 | - 1.44 |
| 44696_at | TBC1D13 | TBC1 domain family, member 13 | - 1.29 |
| 47571_at | ZNF236 | zinc finger protein 236 | - 2.38 |
| 48030_i_at | C5orf4 | chromosome 5 open reading frame 4 | - 1.97 |
| 48580_at | CXXC1 | CXXC finger 1 (PHD domain) | - 1.28 |

| | | | |
|------------|-----------|--|-----------|
| 48612_at | N4BP1 | Nedd4 binding protein 1 | - 1.42 |
| 49306_at | RASSF4 | Ras association (RalGDS/AF-6) domain family 4 | 1.71 |
| 51774_s_at | LOC222070 | hypothetical protein LOC222070 | - 2.06 |
| 52940_at | SIGIRR | single immunoglobulin and toll-interleukin 1 receptor (TIR) domain | - 1.51 |
| 54970_at | ZMIZ2 | zinc finger, MIZ-type containing 2 | - 1.55 |
| 55705_at | C19orf22 | chromosome 19 open reading frame 22 | - 1.46 |
| 56821_at | FLJ10815 | amino acid transporter | - 1.27 |
| 58900_at | LOC222070 | hypothetical protein LOC222070 | - 1.88 |

| | | | |
|------------|----------|--|------|
| 59625_at | NOL3 | nucleolar protein 3 (apoptosis repressor with CARD domain) | 1.38 |
| 62987_r_at | CACNG4 | calcium channel, voltage-dependent, gamma subunit 4 | -1.6 |
| 64432_at | C12orf47 | chromosome 12 open reading frame 47 | 1.31 |
| 64440_at | IL17RC | interleukin 17 receptor C | 1.74 |
| 64474_g_at | DGCR8 | DiGeorge syndrome critical region gene 8 | 1.45 |
| 64883_at | MOSPD2 | motile sperm domain containing 2 | 1.25 |
| 65585_at | FAM86B1 | family with sequence similarity 86, member B1 | 1.54 |
| 65591_at | WDR48 | WD repeat domain 48 | 1.38 |

| | | | |
|-------------------------------------|----------|--|------|
| 65718_at | GPR124 | G protein-coupled receptor 124 | 1.4 |
| 91682_at | EXOSC4 | exosome component 4 | 1.36 |
| 91952_at | LOC90379 | hypothetical protein BC002926 | 1.34 |
| AFFX- HUMISGF3A/M97935_3_a t | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.34 |
| AFFX- HUMISGF3A/M97935_M A_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.06 |
| AFFX- HUMISGF3A/M97935_M B_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.39 |
| AFFX-M27830_3_at | | NA | 1.41 |
| AFFX-M27830_M_at | | NA | 1.49 |

Supplemental Table 3- Differentially expressed genes between HCV and alcohol cirrhotic liver tissues

| Affy ID | Symbol | Gene Name | Fold |
|----------------|---------------|---|-------------|
| 160020_at | MMP14 | matrix metalloproteinase 14 (membrane-inserted) | - 1.35 |
| 1729_at | TRADD | TNFRSF1A-associated via death domain | 1.27 |
| 200000_s_at | PRPF8 | PRP8 pre-mRNA processing factor 8 homolog (<i>S. cerevisiae</i>) | 1.87 |
| 200009_at | GDI2 | GDP dissociation inhibitor 2 | 1.38 |
| 200011_s_at | ARF3 | ADP-ribosylation factor 3 | 1.59 |
| 200013_at | RPL24 | ribosomal protein L24 | 1.53 |

| | | | |
|-------------|-------|--|------|
| 200019_s_at | FAU | Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed | 1.44 |
| 200023_s_at | EIF3F | eukaryotic translation initiation factor 3, subunit F | 1.82 |
| 200027_at | NARS | asparaginyl-tRNA synthetase | 1.52 |
| 200039_s_at | PSMB2 | proteasome (prosome, macropain) subunit, beta type, 2 | 1.66 |
| 200043_at | ERH | enhancer of rudimentary homolog (Drosophila) | 1.32 |
| 200048_s_at | JTB | jumping translocation breakpoint | 1.61 |

| | | | |
|-------------|---------|---|------|
| 200077_s_at | OAZ1 | ornithine decarboxylase antizyme 1 | 1.26 |
| 200078_s_at | ATP6V0B | ATPase, H ⁺ transporting, lysosomal 21kDa, V0 subunit b | 1.57 |
| 200613_at | AP2M1 | adaptor-related protein complex 2, mu 1 subunit | 1.76 |
| 200615_s_at | AP2B1 | adaptor-related protein complex 2, beta 1 subunit | 1.77 |
| 200622_x_at | CALM3 | calmodulin 3 (phosphorylase kinase, delta) | 1.37 |
| 200628_s_at | WARS | tryptophanyl-tRNA synthetase | 1.69 |
| 200658_s_at | PHB | prohibitin | 1.54 |
| 200668_s_at | UBE2D3 | ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast) | 1.59 |
| 200669_s_at | UBE2D3 | ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast) | 2.13 |

| | | | |
|-------------|---------|---|------|
| 200678_x_at | GRN | granulin | 1.64 |
| 200682_s_at | UBE2L3 | ubiquitin-conjugating enzyme E2L 3 | 1.69 |
| 200683_s_at | UBE2L3 | ubiquitin-conjugating enzyme E2L 3 | 2.36 |
| 200695_at | PPP2R1A | protein phosphatase 2 (formerly 2A), regulatory subunit A , alpha isoform | 1.6 |
| 200710_at | ACADVL | acyl-Coenzyme A dehydrogenase, very long chain | 1.62 |
| 200711_s_at | SKP1A | S-phase kinase-associated protein 1A (p19A) | 1.73 |
| 200712_s_at | MAPRE1 | microtubule-associated protein, RP/EB family, member 1 | 2.17 |
| 200722_s_at | CAPRIN1 | cell cycle associated protein 1 | 1.65 |
| 200723_s_at | CAPRIN1 | cell cycle associated protein 1 | 1.96 |
| 200724_at | RPL10 | ribosomal protein L10 | - |

| | | | |
|-------------|--------|--|------|
| | | | 1.24 |
| 200726_at | PPP1CC | protein phosphatase 1, catalytic subunit, gamma isoform | 1.8 |
| 200742_s_at | TPP1 | tripeptidyl peptidase I | 2.11 |
| 200744_s_at | GNB1 | guanine nucleotide binding protein (G protein), beta polypeptide 1 | 2.13 |
| 200746_s_at | GNB1 | guanine nucleotide binding protein (G protein), beta polypeptide 1 | 1.64 |

| | | | |
|-------------|--------|--|-----------|
| 200750_s_at | RAN | RAN, member RAS oncogene family | 1.9 |
| 200753_x_at | SFRS2 | splicing factor, arginine/serine-rich 2 | 1.84 |
| 200754_x_at | SFRS2 | splicing factor, arginine/serine-rich 2 | 2 |
| 200756_x_at | CALU | calumenin | 1.39 |
| 200758_s_at | NFE2L1 | nuclear factor (erythroid-derived 2)-like 1 | 1.36 |
| 200765_x_at | CTNNA1 | catenin (cadherin-associated protein), alpha 1, 102kDa | 1.67 |
| 200780_x_at | GNAS | GNAS complex locus | 1.9 |
| 200785_s_at | LRP1 | low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) | - 1.45 |
| 200787_s_at | PEA15 | phosphoprotein enriched in astrocytes 15 | 2.09 |

| | | | |
|-------------|--------|--|------|
| 200796_s_at | MCL1 | myeloid cell leukemia sequence 1 (BCL2-related) | 2.04 |
| 200812_at | CCT7 | chaperonin containing TCP1, subunit 7 (eta) | 1.4 |
| 200819_s_at | RPS15 | ribosomal protein S15 | 1.56 |
| 200823_x_at | RPL29 | ribosomal protein L29 | 1.75 |
| 200826_at | SNRPD2 | small nuclear ribonucleoprotein D2 polypeptide 16.5kDa | 1.92 |
| 200828_s_at | ZNF207 | zinc finger protein 207 | 2.31 |
| 200846_s_at | PPP1CA | protein phosphatase 1, catalytic subunit, alpha isoform | 1.55 |
| 200852_x_at | GNB2 | guanine nucleotide binding protein (G protein), beta polypeptide 2 | 1.26 |
| 200863_s_at | RAB11A | RAB11A, member RAS oncogene family | 1.56 |

| | | | |
|-------------|--------|---|------|
| 200866_s_at | PSAP | prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) | 2.06 |
| 200867_at | ZNF313 | zinc finger protein 313 | 1.55 |
| 200868_s_at | ZNF313 | zinc finger protein 313 | 1.81 |
| 200876_s_at | PSMB1 | proteasome (prosome, macropain) subunit, beta type, 1 | 1.62 |
| 200879_s_at | EPAS1 | endothelial PAS domain protein 1 | 1.47 |
| 200881_s_at | DNAJA1 | DnaJ (Hsp40) homolog, subfamily A, member 1 | 2.05 |
| 200887_s_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.08 |

| | | | |
|-------------|--------|--|------|
| 200893_at | SFRS10 | splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila) | 1.77 |
| 200900_s_at | M6PR | mannose-6-phosphate receptor (cation dependent) | 1.71 |
| 200901_s_at | M6PR | mannose-6-phosphate receptor (cation dependent) | 2 |
| 200908_s_at | RPLP2 | ribosomal protein, large, P2 | 1.24 |
| 200912_s_at | EIF4A2 | eukaryotic translation initiation factor 4A, isoform 2 | 1.45 |
| 200918_s_at | SRPR | signal recognition particle receptor ('docking protein') | 1.79 |

| | | | |
|-------------|----------|---|-----------|
| 200922_at | KDELR1 | KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1 | 1.8 |
| 200923_at | LGALS3BP | lectin, galactoside-binding, soluble, 3 binding protein | 3.09 |
| 200927_s_at | RAB14 | RAB14, member RAS oncogene family | 2.53 |
| 200938_s_at | RERE | arginine-glutamic acid dipeptide (RE) repeats | - 1.76 |
| 200958_s_at | SDCBP | syndecan binding protein (syntenin) | 1.43 |
| 200960_x_at | CLTA | clathrin, light chain (Lca) | 1.47 |
| 200971_s_at | SERP1 | stress-associated endoplasmic reticulum protein 1 | 1.58 |
| 200981_x_at | GNAS | GNAS complex locus | 1.77 |

| | | | |
|-------------|--------|--|------|
| 200987_x_at | PSME3 | proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) | 1.72 |
| 201001_s_at | UBE2V1 | ubiquitin-conjugating enzyme E2 variant 1 | 2.06 |
| 201014_s_at | PAICS | phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase | 1.57 |
| 201043_s_at | ANP32A | acidic (leucine-rich) nuclear phosphoprotein 32 family, member A | 1.85 |
| 201044_x_at | DUSP1 | dual specificity phosphatase 1 | 2.24 |
| 201047_x_at | RAB6A | RAB6A, member RAS oncogene family | 1.48 |

| | | | |
|-------------|--------|--|------|
| | | | |
| 201050_at | PLD3 | phospholipase D family, member 3 | 1.81 |
| 201052_s_at | PSMF1 | proteasome (prosome, macropain) inhibitor subunit 1 (PI31) | 1.59 |
| 201066_at | CYC1 | cytochrome c-1 | 1.64 |
| 201071_x_at | SF3B1 | splicing factor 3b, subunit 1, 155kDa | 1.77 |
| 201077_s_at | NHP2L1 | NHP2 non-histone chromosome protein 2-like 1 (<i>S. cerevisiae</i>) | 1.7 |
| 201079_at | SYNGR2 | synaptogyrin 2 | 1.7 |
| 201084_s_at | BCLAF1 | BCL2-associated transcription factor 1 | 1.46 |
| 201095_at | DAP | death-associated protein | 1.45 |

| | | | |
|-------------|----------|---|-----------|
| 201098_at | COPB2 | coatomer protein complex, subunit beta 2 (beta prime) | 1.93 |
| 201114_x_at | PSMA7 | proteasome (prosome, macropain) subunit, alpha type, 7 | 1.5 |
| 201136_at | PLP2 | proteolipid protein 2 (colonic epithelium-enriched) | 1.9 |
| 201145_at | HAX1 | HCLS1 associated protein X-1 | 1.38 |
| 201159_s_at | NMT1 | N-myristoyltransferase 1 | - 1.59 |
| 201161_s_at | CSDA | cold shock domain protein A | 2.07 |
| 201171_at | ATP6V0E1 | ATPase, H ⁺ transporting, lysosomal 9kDa, V0 subunit e1 | 1.63 |

| | | | |
|-------------|----------|---|------|
| 201172_x_at | ATP6V0E1 | ATPase, H ⁺ transporting, lysosomal 9kDa, V0 subunit e1 | 1.35 |
| 201179_s_at | GNAI3 | guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3 | 1.8 |
| 201186_at | LRPAP1 | low density lipoprotein receptor- related protein associated protein 1 | 1.64 |
| 201201_at | CSTB | cystatin B (stefin B) | 1.53 |
| 201202_at | PCNA | proliferating cell nuclear antigen | 1.84 |
| 201209_at | HDAC1 | histone deacetylase 1 | 1.47 |
| 201239_s_at | SPCS2 | signal peptidase complex subunit 2 homolog (S. cerevisiae) | 1.56 |

| | | | |
|-------------|---------|---|------|
| 201245_s_at | OTUB1 | OTU domain, ubiquitin aldehyde binding 1 | 1.74 |
| 201255_x_at | BAT3 | HLA-B associated transcript 3 | 1.37 |
| 201264_at | COPE | coatamer protein complex, subunit epsilon | 1.7 |
| 201295_s_at | WSB1 | WD repeat and SOCS box-containing 1 | 2.4 |
| 201297_s_at | MOBKL1B | MOB1, Mps One Binder kinase activator-like 1B (yeast) | 1.71 |
| 201311_s_at | SH3BGRL | SH3 domain binding glutamic acid-rich protein like | 2.65 |
| 201315_x_at | IFITM2 | interferon induced transmembrane protein 2 (1-8D) | 1.63 |

| | | | |
|-------------|---------|--|------|
| 201337_s_at | VAMP3 | vesicle-associated membrane protein 3 (cellubrevin) | 2.8 |
| 201342_at | SNRPC | small nuclear ribonucleoprotein polypeptide C | 1.47 |
| 201345_s_at | UBE2D2 | ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) | 1.83 |
| 201351_s_at | YME1L1 | YME1-like 1 (<i>S. cerevisiae</i>) | 1.81 |
| 201359_at | COPB1 | coatamer protein complex, subunit beta 1 | 1.71 |
| 201360_at | CST3 | cystatin C (amyloid angiopathy and cerebral hemorrhage) | 1.92 |
| 201361_at | TMEM109 | transmembrane protein 109 | 1.52 |

| | | | |
|-------------|--------|---|------|
| 201383_s_at | NBR1 | neighbor of BRCA1 gene 1 | 1.66 |
| 201386_s_at | DHX15 | DEAH (Asp-Glu-Ala-His) box polypeptide 15 | 2.22 |
| 201387_s_at | UCHL1 | ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) | -1.4 |
| 201388_at | PSMD3 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 3 | 1.66 |
| 201390_s_at | CSNK2B | casein kinase 2, beta polypeptide | 1.58 |

| | | | |
|-------------|---------|--|------|
| | | | |
| 201412_at | LRP10 | low density lipoprotein receptor-related protein 10 | 2.03 |
| 201421_s_at | WDR77 | WD repeat domain 77 | 1.25 |
| 201440_at | DDX23 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 | 1.57 |
| 201448_at | TIA1 | TIA1 cytotoxic granule-associated RNA binding protein | 2.44 |
| 201457_x_at | BUB3 | BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast) | 2.44 |
| 201475_x_at | MARS | methionyl-tRNA synthetase | 1.48 |
| 201483_s_at | SUPT4H1 | suppressor of Ty 4 homolog 1 (S. cerevisiae) | 1.58 |

| | | | |
|-------------|---------|--|------|
| 201491_at | AHSA1 | AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast) | 1.66 |
| 201500_s_at | PPP1R11 | protein phosphatase 1, regulatory (inhibitor) subunit 11 | 1.47 |
| 201518_at | CBX1 | chromobox homolog 1 (HP1 beta homolog Drosophila) | 1.76 |
| 201521_s_at | NCBP2 | nuclear cap binding protein subunit 2, 20kDa | 1.51 |
| 201522_x_at | SNRPN | small nuclear ribonucleoprotein polypeptide N | 1.62 |
| 201523_x_at | UBE2N | ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast) | 2.02 |

| | | | |
|-------------|---------|---|------|
| 201527_at | ATP6V1F | ATPase, H ⁺ transporting, lysosomal 14kDa, V1 subunit F | 1.46 |
| 201529_s_at | RPA1 | replication protein A1, 70kDa | 1.47 |
| 201532_at | PSMA3 | proteasome (prosome, macropain) subunit, alpha type, 3 | 1.94 |
| 201551_s_at | LAMP1 | lysosomal-associated membrane protein 1 | 2.26 |
| 201554_x_at | GYG1 | glycogenin 1 | 2.41 |
| 201559_s_at | CLIC4 | chloride intracellular channel 4 | 1.81 |
| 201570_at | SAMM50 | sorting and assembly machinery component 50 homolog (S. cerevisiae) | 1.59 |

| | | | |
|-------------|----------|---|------|
| 201583_s_at | SEC23B | Sec23 homolog B (<i>S. cerevisiae</i>) | 1.86 |
| 201584_s_at | DDX39 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 | 2.04 |
| 201604_s_at | PPP1R12A | protein phosphatase 1, regulatory (inhibitor) subunit 12A | 1.84 |
| 201620_at | MBTPS1 | membrane-bound transcription factor peptidase, site 1 | 1.32 |
| 201632_at | EIF2B1 | eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa | 1.9 |
| 201644_at | TSTA3 | tissue specific transplantation antigen P35B | 1.55 |
| 201647_s_at | SCARB2 | scavenger receptor class B, member 2 | 2.29 |

| | | | |
|-------------|--------|--|-----------|
| 201649_at | UBE2L6 | ubiquitin-conjugating enzyme E2L 6 | 2.24 |
| 201676_x_at | PSMA1 | proteasome (prosome, macropain) subunit, alpha type, 1 | 1.51 |
| 201684_s_at | TOX4 | TOX high mobility group box family member 4 | - 1.36 |
| 201685_s_at | TOX4 | TOX high mobility group box family member 4 | 1.48 |
| 201689_s_at | TPD52 | tumor protein D52 | 2.34 |
| 201697_s_at | DNMT1 | DNA (cytosine-5-)- methyltransferase 1 | 1.5 |
| 201698_s_at | SFRS9 | splicing factor, arginine/serine- rich 9 | 2.07 |
| 201714_at | TUBG1 | tubulin, gamma 1 | 1.51 |
| 201717_at | MRPL49 | mitochondrial ribosomal protein L49 | 1.42 |

| | | | |
|-------------|---------|---|------|
| 201718_s_at | EPB41L2 | erythrocyte membrane protein band 4.1-like 2 | 1.8 |
| 201726_at | ELAVL1 | ELAV (embryonic lethal, abnormal vision, Drosophila)- like 1 (Hu antigen R) | 1.61 |
| 201727_s_at | ELAVL1 | ELAV (embryonic lethal, abnormal vision, Drosophila)- like 1 (Hu antigen R) | 1.38 |
| 201736_s_at | 6-Mar | membrane-associated ring finger (C3HC4) 6 | 1.5 |
| 201742_x_at | SFRS1 | splicing factor, arginine/serine- rich 1 (splicing factor 2, alternate splicing factor) | 2.19 |
| 201746_at | TP53 | tumor protein p53 (Li-Fraumeni syndrome) | 1.51 |
| 201751_at | JOSD1 | Josephin domain containing 1 | 1.9 |

| | | | |
|-------------|----------|--|------|
| 201773_at | ADNP | activity-dependent neuroprotector homeobox | 2.13 |
| 201776_s_at | KIAA0494 | KIAA0494 | 1.81 |
| 201781_s_at | AIP | aryl hydrocarbon receptor interacting protein | 1.61 |
| 201786_s_at | ADAR | adenosine deaminase, RNA- specific | 1.62 |
| 201803_at | POLR2B | polymerase (RNA) II (DNA directed) polypeptide B, 140kDa | 1.62 |
| 201804_x_at | TBCB | tubulin folding cofactor B | 1.63 |
| 201809_s_at | ENG | endoglin (Osler-Rendu-Weber syndrome 1) | 1.86 |
| 201828_x_at | FAM127A | family with sequence similarity 127, member A | 1.45 |
| 201835_s_at | PRKAB1 | protein kinase, AMP-activated, beta 1 non-catalytic subunit | 1.89 |

| | | | |
|-------------|--------|--|------|
| 201837_s_at | SUPT7L | suppressor of Ty 7 (S. cerevisiae)-like | 1.59 |
| 201863_at | FAM32A | family with sequence similarity 32, member A | 1.22 |
| 201866_s_at | NR3C1 | nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) | 1.43 |
| 201881_s_at | ARIH1 | ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila) | 1.63 |
| 201885_s_at | CYB5R3 | cytochrome b5 reductase 3 | 1.58 |
| 201897_s_at | CKS1B | CDC28 protein kinase regulatory subunit 1B | 2.06 |
| 201898_s_at | UBE2A | ubiquitin-conjugating enzyme E2A (RAD6 homolog) | 1.82 |

| | | | |
|-------------|----------|---|------|
| 201899_s_at | UBE2A | ubiquitin-conjugating enzyme E2A (RAD6 homolog) | 1.65 |
| 201922_at | TINP1 | TGF beta-inducible nuclear protein 1 | 1.73 |
| 201937_s_at | DNPEP | aspartyl aminopeptidase | 1.79 |
| 201942_s_at | CPD | carboxypeptidase D | 2.06 |
| 201950_x_at | CAPZB | capping protein (actin filament) muscle Z-line, beta | 1.65 |
| 201953_at | CIB1 | calcium and integrin binding 1 (calmyrin) | 1.64 |
| 201956_s_at | GNPAT | glyceronephosphate O- acyltransferase | 1.71 |
| 201973_s_at | C7orf28B | chromosome 7 open reading frame 28B | 1.55 |
| 201979_s_at | PPP5C | protein phosphatase 5, catalytic subunit | 1.52 |

| | | | |
|-------------|--------|--|-----------|
| 201988_s_at | CREBL2 | cAMP responsive element binding protein-like 2 | 1.53 |
| 202024_at | ASNA1 | arsA arsenite transporter, ATP- binding, homolog 1 (bacterial) | 1.64 |
| 202028_s_at | RPL38 | ribosomal protein L38 | 2.57 |
| 202048_s_at | CBX6 | chromobox homolog 6 | - 1.92 |
| 202058_s_at | KPNA1 | karyopherin alpha 1 (importin alpha 5) | 1.94 |
| 202086_at | MX1 | myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse) | 4.47 |
| 202109_at | ARFIP2 | ADP-ribosylation factor interacting protein 2 (arfaptin 2) | 1.39 |
| 202116_at | DPF2 | D4, zinc and double PHD fingers family 2 | 1.64 |

| | | | |
|-------------|---------|---|------|
| 202117_at | ARHGAP1 | Rho GTPase activating protein 1 | 1.67 |
| 202119_s_at | CPNE3 | copine III | 1.38 |
| 202143_s_at | COPS8 | COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis) | 1.86 |
| 202144_s_at | ADSL | adenylosuccinate lyase | 1.61 |
| 202145_at | LY6E | lymphocyte antigen 6 complex, locus E | 1.85 |
| 202147_s_at | IFRD1 | interferon-related developmental regulator 1 | 1.7 |
| 202168_at | TAF9 | TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa | 1.84 |
| 202171_at | VEZF1 | vascular endothelial zinc finger 1 | 1.93 |

| | | | |
|-------------|---------|---|-----------|
| 202176_at | ERCC3 | excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing) | 1.45 |
| 202185_at | PLOD3 | procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 | 1.61 |
| 202186_x_at | PPP2R5A | protein phosphatase 2, regulatory subunit B', alpha isoform | - 1.74 |
| 202200_s_at | SRPK1 | SFRS protein kinase 1 | 1.86 |
| 202205_at | VASP | vasodilator-stimulated phosphoprotein | 1.73 |
| 202206_at | ARL4C | ADP-ribosylation factor-like 4C | 1.83 |

| | | | |
|-------------|--------|---|-----------|
| 202214_s_at | CUL4B | cullin 4B | 1.58 |
| 202216_x_at | NFYC | nuclear transcription factor Y, gamma | 1.5 |
| 202239_at | PARP4 | poly (ADP-ribose) polymerase family, member 4 | 1.85 |
| 202243_s_at | PSMB4 | proteasome (prosome, macropain) subunit, beta type, 4 | 1.76 |
| 202246_s_at | CDK4 | cyclin-dependent kinase 4 | 1.48 |
| 202261_at | VPS72 | vacuolar protein sorting 72 homolog (<i>S. cerevisiae</i>) | 1.64 |
| 202320_at | GTF3C1 | general transcription factor IIIC, polypeptide 1, alpha 220kDa | - 1.36 |
| 202322_s_at | GGPS1 | geranylgeranyl diphosphate synthase 1 | 1.62 |
| 202333_s_at | UBE2B | ubiquitin-conjugating enzyme E2B (RAD6 homolog) | 1.65 |

| | | | |
|-------------|----------|---|-----------|
| | | | |
| 202353_s_at | PSMD12 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 12 | 2.09 |
| 202360_at | MAML1 | mastermind-like 1 (Drosophila) | 1.58 |
| 202374_s_at | RAB3GAP2 | RAB3 GTPase activating protein subunit 2 (non-catalytic) | 1.57 |
| 202411_at | IFI27 | interferon, alpha-inducible protein 27 | 14.6 6 |
| 202442_at | AP3S1 | adaptor-related protein complex 3, sigma 1 subunit | 1.51 |
| 202444_s_at | ERLIN1 | ER lipid raft associated 1 | 2.58 |
| 202446_s_at | PLSCR1 | phospholipid scramblase 1 | 1.73 |
| 202471_s_at | IDH3G | isocitrate dehydrogenase 3 (NAD+) gamma | 1.67 |

| | | | |
|-------------|--------|--|------|
| 202484_s_at | MBD2 | methyl-CpG binding domain protein 2 | 1.81 |
| 202487_s_at | H2AFV | H2A histone family, member V | 1.72 |
| 202495_at | TBCC | tubulin folding cofactor C | 1.5 |
| 202501_at | MAPRE2 | microtubule-associated protein, RP/EB family, member 2 | 1.52 |
| 202514_at | DLG1 | discs, large homolog 1 (Drosophila) | 1.52 |
| 202520_s_at | MLH1 | mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) | 1.89 |
| 202521_at | CTCF | CCCTC-binding factor (zinc finger protein) | 1.37 |

| | | | |
|-------------|---------|--|-----------|
| 202541_at | SCYE1 | small inducible cytokine subfamily E, member 1 (endothelial monocyte- activating) | 1.77 |
| 202546_at | VAMP8 | vesicle-associated membrane protein 8 (endobrevin) | 1.47 |
| 202558_s_at | STCH | stress 70 protein chaperone, microsome-associated, 60kDa | 1.79 |
| 202560_s_at | C1orf77 | chromosome 1 open reading frame 77 | 1.87 |
| 202568_s_at | MARK3 | MAP/microtubule affinity- regulating kinase 3 | 1.51 |
| 202571_s_at | DLGAP4 | discs, large (Drosophila) homolog-associated protein 4 | - 1.64 |

| | | | |
|-------------|----------|---|------|
| 202578_s_at | DDX19A | DEAD (Asp-Glu-Ala-As) box polypeptide 19A | 1.65 |
| 202583_s_at | RANBP9 | RAN binding protein 9 | 1.77 |
| 202584_at | NFX1 | nuclear transcription factor, X-box binding 1 | 1.69 |
| 202591_s_at | SSBP1 | single-stranded DNA binding protein 1 | 1.86 |
| 202593_s_at | MIR16 | membrane interacting protein of RGS16 | 1.82 |
| 202595_s_at | LEPROTL1 | leptin receptor overlapping transcript-like 1 | 1.94 |
| 202626_s_at | LYN | v-yes-1 Yamaguchi sarcoma viral related oncogene homolog | 2.15 |
| 202629_at | APPBP2 | amyloid beta precursor protein (cytoplasmic tail) binding protein 2 | 1.63 |
| 202635_s_at | POLR2K | polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa | 2.21 |

| | | | |
|-------------|--------|--|------|
| 202654_x_at | 7-Mar | membrane-associated ring finger (C3HC4) 7 | 2.22 |
| 202677_at | RASA1 | RAS p21 protein activator (GTPase activating protein) 1 | 1.76 |
| 202678_at | GTF2A2 | general transcription factor IIA, 2, 12kDa | 1.67 |
| 202691_at | SNRPD1 | small nuclear ribonucleoprotein D1 polypeptide 16kDa | 1.32 |
| 202697_at | NUDT21 | nudix (nucleoside diphosphate linked moiety X)-type motif 21 | 1.41 |
| 202742_s_at | PRKACB | protein kinase, cAMP- dependent, catalytic, beta | 2.26 |
| 202785_at | NDUFA7 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa | 1.45 |

| | | | |
|-------------|--------|---|-----------|
| 202799_at | CLPP | ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli) | 1.72 |
| 202802_at | DHPS | deoxyhypusine synthase | 1.35 |
| 202803_s_at | ITGB2 | integrin, beta 2 (complement component 3 receptor 3 and 4 subunit) | 2.14 |
| 202810_at | DRG1 | developmentally regulated GTP binding protein 1 | 1.3 |
| 202816_s_at | SS18 | synovial sarcoma translocation, chromosome 18 | 1.65 |
| 202841_x_at | OGFR | opioid growth factor receptor | 1.44 |
| 202845_s_at | RALBP1 | ralA binding protein 1 | 1.26 |
| 202849_x_at | GRK6 | G protein-coupled receptor kinase 6 | - 1.65 |
| 202857_at | TMEM4 | transmembrane protein 4 | 1.56 |

| | | | |
|-------------|----------|---|-----------|
| 202868_s_at | POP4 | processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae) | 1.67 |
| 202873_at | ATP6V1C1 | ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C1 | 1.24 |
| 202882_x_at | NOL7 | nucleolar protein 7, 27kDa | 2.34 |
| 202886_s_at | PPP2R1B | protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform | 2.3 |
| 202897_at | SIRPA | signal-regulatory protein alpha | 1.57 |
| 2028_s_at | E2F1 | E2F transcription factor 1 | - 1.44 |
| 202902_s_at | CTSS | cathepsin S | 2.88 |
| 202911_at | MSH6 | mutS homolog 6 (E. coli) | 1.52 |

| | | | |
|-------------|----------|--|-----------|
| 202913_at | ARHGEF11 | Rho guanine nucleotide exchange factor (GEF) 11 | 1.4 |
| 202916_s_at | FAM20B | family with sequence similarity 20, member B | 1.49 |
| 202943_s_at | NAGA | N-acetylgalactosaminidase, alpha- | 1.59 |
| 202953_at | C1QB | complement component 1, q subcomponent, B chain | 2.45 |
| 202977_s_at | CREBZF | CREB/ATF bZIP transcription factor | - 1.79 |
| 202978_s_at | CREBZF | CREB/ATF bZIP transcription factor | 1.44 |

| | | | |
|-------------|--------|--|-----------|
| 202979_s_at | CREBZF | CREB/ATF bZIP transcription factor | 1.94 |
| 203013_at | ECD | ecdysoneless homolog (Drosophila) | 1.61 |
| 203034_s_at | RPL27A | ribosomal protein L27a | 1.36 |
| 203051_at | BAHD1 | bromo adjacent homology domain containing 1 | - 1.48 |
| 203069_at | SV2A | synaptic vesicle glycoprotein 2A | - 1.65 |
| 203085_s_at | TGFB1 | transforming growth factor, beta 1 | 2.43 |
| 203089_s_at | HTRA2 | HtrA serine peptidase 2 | 1.55 |
| 203104_at | CSF1R | colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog | 1.95 |
| 203107_x_at | RPS2 | ribosomal protein S2 | 1.56 |

| | | | |
|-------------|--------|--|------|
| | | | |
| 203109_at | UBE2M | ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast) | 1.6 |
| 203136_at | RABAC1 | Rab acceptor 1 (prenylated) | 2.18 |
| 203148_s_at | TRIM14 | tripartite motif-containing 14 | 1.81 |
| 203152_at | MRPL40 | mitochondrial ribosomal protein L40 | 1.46 |
| 203153_at | IFIT1 | interferon-induced protein with tetratricopeptide repeats 1 | 5.74 |
| 203187_at | DOCK1 | dedicator of cytokinesis 1 | -1.4 |

| | | | |
|-------------|---------|--|-----------|
| | | | |
| 203189_s_at | NDUFS8 | NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH-coenzyme Q reductase) | 1.7 |
| 203194_s_at | NUP98 | nucleoporin 98kDa | 1.57 |
| 203218_at | MAPK9 | mitogen-activated protein kinase 9 | 1.7 |
| 203225_s_at | RFK | riboflavin kinase | 1.78 |
| 203226_s_at | TSPAN31 | tetraspanin 31 | 1.76 |
| 203246_s_at | TUSC4 | tumor suppressor candidate 4 | 1.55 |
| 203256_at | CDH3 | cadherin 3, type 1, P-cadherin (placental) | - 1.38 |
| 203264_s_at | ARHGEF9 | Cdc42 guanine nucleotide exchange factor (GEF) 9 | - 1.28 |
| 203274_at | F8A1 | coagulation factor VIII- associated (intronic transcript) 1 | 1.44 |

| | | | |
|-------------|---------|---|-----------|
| 203275_at | IRF2 | interferon regulatory factor 2 | 1.56 |
| 203304_at | BAMBI | BMP and activin membrane-bound inhibitor homolog (Xenopus laevis) | 1.93 |
| 203306_s_at | SLC35A1 | solute carrier family 35 (CMP-sialic acid transporter), member A1 | 1.52 |
| 203328_x_at | IDE | insulin-degrading enzyme | 1.5 |
| 203331_s_at | INPP5D | inositol polyphosphate-5-phosphatase, 145kDa | - 1.51 |
| 203352_at | ORC4L | origin recognition complex, subunit 4-like (yeast) | 1.34 |
| 203357_s_at | CAPN7 | calpain 7 | 1.86 |
| 203376_at | CDC40 | cell division cycle 40 homolog (S. cerevisiae) | 1.41 |

| | | | |
|-------------|-------|--|-----------|
| 203393_at | HES1 | hairy and enhancer of split 1, (Drosophila) | - 1.32 |
| 203399_x_at | PSG3 | pregnancy specific beta-1- glycoprotein 3 | - 1.14 |
| 203428_s_at | ASF1A | ASF1 anti-silencing function 1 homolog A (<i>S. cerevisiae</i>) | 2.32 |
| 203432_at | TMPO | thymopoietin | 1.63 |
| 203435_s_at | MME | membrane metallo- endopeptidase | - 2.19 |
| 203436_at | RPP30 | ribonuclease P/MRP 30kDa subunit | 1.53 |
| 203457_at | STX7 | syntaxin 7 | 1.39 |
| 203461_at | CHD2 | chromodomain helicase DNA binding protein 2 | - 1.33 |
| 203471_s_at | PLEK | pleckstrin | 1.99 |
| 203488_at | LPHN1 | latrophilin 1 | - 1.65 |

| | | | |
|-------------|---------|--|-----------|
| 203507_at | CD68 | CD68 molecule | - 1.44 |
| 203512_at | TRAPPC3 | trafficking protein particle complex 3 | 1.41 |
| 203513_at | SPG11 | spastic paraplegia 11 (autosomal recessive) | 1.52 |
| 203527_s_at | APC | adenomatosis polyposis coli | - 1.31 |
| 203530_s_at | STX4 | syntaxin 4 | 1.61 |
| 203550_s_at | C1orf2 | chromosome 1 open reading frame 2 | - 1.23 |
| 203583_at | UNC50 | unc-50 homolog (C. elegans) | 1.77 |
| 203584_at | TTC35 | tetratricopeptide repeat domain 35 | 1.96 |
| 203585_at | ZNF185 | zinc finger protein 185 (LIM domain) | - 1.54 |

| | | | |
|-------------|---------|--|-----------|
| 203594_at | RTCD1 | RNA terminal phosphate cyclase domain 1 | 1.95 |
| 203595_s_at | IFIT5 | interferon-induced protein with tetratricopeptide repeats 5 | 1.75 |
| 203601_s_at | ZBTB17 | zinc finger and BTB domain containing 17 | - 1.89 |
| 203624_at | SFRS17A | splicing factor, arginine/serine-rich 17A | 1.78 |
| 203633_at | CPT1A | carnitine palmitoyltransferase 1A (liver) | 2.04 |
| 203643_at | ERF | Ets2 repressor factor | 1.73 |
| 203669_s_at | DGAT1 | diacylglycerol O-acyltransferase homolog 1 (mouse) | 1.84 |
| 203676_at | GNS | glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID) | 1.54 |
| 203694_s_at | DHX16 | DEAH (Asp-Glu-Ala-His) box polypeptide 16 | 1.67 |

| | | | |
|-------------|-------|--|------|
| 203726_s_at | LAMA3 | laminin, alpha 3 | 1.43 |
| 203729_at | EMP3 | epithelial membrane protein 3 | 1.98 |
| 203734_at | FOXJ2 | forkhead box J2 | - |
| 203747_at | AQP3 | aquaporin 3 (Gill blood group) | 1.48 |
| 203748_x_at | RBMS1 | RNA binding motif, single stranded interacting protein 1 | 1.91 |
| 203749_s_at | RARA | retinoic acid receptor, alpha | 1.98 |
| 203839_s_at | TNK2 | tyrosine kinase, non-receptor, 2 | - |
| 203885_at | RAB21 | RAB21, member RAS oncogene family | 1.82 |
| 203891_s_at | DAPK3 | death-associated protein kinase 3 | -1.9 |

| | | | |
|-----------|-----------|---|-----------|
| 203893_at | TAF9 | TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa | 1.96 |
| 203901_at | MAP3K7IP1 | mitogen-activated protein kinase kinase kinase 7 interacting protein 1 | - 1.32 |
| 203909_at | SLC9A6 | solute carrier family 9 (sodium/hydrogen exchanger), member 6 | 1.62 |
| 203915_at | CXCL9 | chemokine (C-X-C motif) ligand 9 | 3.4 |
| 203932_at | HLA-DMB | major histocompatibility complex, class II, DM beta | 1.86 |
| 203933_at | RAB11FIP3 | RAB11 family interacting protein 3 (class II) | - 1.43 |

| | | | |
|-------------|---------|---|-----------|
| 203944_x_at | BTN2A1 | butyrophilin, subfamily 2, member A1 | 1.87 |
| 203953_s_at | CLDN3 | claudin 3 | 1.73 |
| 203964_at | NMI | N-myc (and STAT) interactor | 1.67 |
| 203978_at | NUBP1 | nucleotide binding protein 1 (MinD homolog, E. coli) | 1.43 |
| 203994_s_at | C21orf2 | chromosome 21 open reading frame 2 | - 1.58 |
| 204000_at | GNB5 | guanine nucleotide binding protein (G protein), beta 5 | 1.9 |
| 204031_s_at | PCBP2 | poly(rC) binding protein 2 | 1.61 |
| 204042_at | WASF3 | WAS protein family, member 3 | 1.69 |
| 204050_s_at | CLTA | clathrin, light chain (Lca) | 1.42 |

| | | | |
|-------------|--------|--|-----------|
| 204053_x_at | PTEN | phosphatase and tensin homolog (mutated in multiple advanced cancers 1) | 1.77 |
| 204056_s_at | MVK | mevalonate kinase (mevalonic aciduria) | - 1.53 |
| 204077_x_at | ENTPD4 | ectonucleoside triphosphate diphosphohydrolase 4 | - 1.65 |
| 204091_at | PDE6D | phosphodiesterase 6D, cGMP- specific, rod, delta | 1.75 |
| 204106_at | TESK1 | testis-specific kinase 1 | 1.45 |
| 204108_at | NFYA | nuclear transcription factor Y, alpha | 1.45 |
| 204138_s_at | MZF1 | myeloid zinc finger 1 | -1.5 |
| 204162_at | NDC80 | NDC80 homolog, kinetochore complex component (<i>S.</i> <i>cerevisiae</i>) | 1.27 |

| | | | |
|-------------|----------|--|------|
| 204169_at | IMPDH1 | IMP (inosine monophosphate) dehydrogenase 1 | 1.51 |
| 204174_at | ALOX5AP | arachidonate 5-lipoxygenase- activating protein | 2.17 |
| 204186_s_at | PPID | peptidylprolyl isomerase D (cyclophilin D) | 1.75 |
| 204187_at | GMPR | guanosine monophosphate reductase | 1.55 |
| 204192_at | CD37 | CD37 molecule | 2.27 |
| 204205_at | APOBEC3G | apolipoprotein B mRNA editing enzyme, catalytic polypeptide- like 3G | 2.01 |
| 204215_at | C7orf23 | chromosome 7 open reading frame 23 | 2.38 |
| 204226_at | STAU2 | staufen, RNA binding protein, homolog 2 (Drosophila) | 1.49 |

| | | | |
|-------------|----------|---|-----------|
| 204228_at | PPIH | peptidylprolyl isomerase H (cyclophilin H) | 1.39 |
| 204234_s_at | ZNF195 | zinc finger protein 195 | 1.56 |
| 204238_s_at | C6orf108 | chromosome 6 open reading frame 108 | 1.72 |
| 204239_s_at | NNAT | neuronatin | - 1.51 |
| 204246_s_at | DCTN3 | dynactin 3 (p22) | 1.91 |
| 204248_at | GNA11 | guanine nucleotide binding protein (G protein), alpha 11 (Gq class) | 1.77 |
| 204253_s_at | VDR | vitamin D (1,25- dihydroxyvitamin D3) receptor | - 1.49 |

| | | | |
|-------------|--------|---|-----------|
| 204267_x_at | PKMYT1 | protein kinase, membrane associated tyrosine/threonine 1 | - 1.68 |
| 204279_at | PSMB9 | proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2) | 2.26 |
| 204286_s_at | PMAIP1 | phorbol-12-myristate-13-acetate-induced protein 1 | 1.23 |
| 204292_x_at | STK11 | serine/threonine kinase 11 | - 1.73 |
| 204297_at | PIK3C3 | phosphoinositide-3-kinase, class 3 | 1.57 |
| 204299_at | FUSIP1 | FUS interacting protein (serine/arginine-rich) 1 | 1.79 |

| | | | |
|-------------|--------|---|-----------|
| 204312_x_at | CREB1 | cAMP responsive element binding protein 1 | 1.43 |
| 204331_s_at | MRPS12 | mitochondrial ribosomal protein S12 | 2.12 |
| 204355_at | DHX30 | DEAH (Asp-Glu-Ala-His) box polypeptide 30 | 2.19 |
| 204366_s_at | GTF3C2 | general transcription factor IIIC, polypeptide 2, beta 110kDa | 1.49 |
| 204377_s_at | VPRBP | Vpr (HIV-1) binding protein | -1.4 |
| 204393_s_at | ACPP | acid phosphatase, prostate | - 1.15 |
| 204397_at | EML2 | echinoderm microtubule associated protein like 2 | -1.5 |
| 204405_x_at | DIMT1L | DIM1 dimethyladenosine transferase 1-like (<i>S. cerevisiae</i>) | 1.78 |

| | | | |
|-------------|-----------|---|-----------|
| 204426_at | TMED2 | transmembrane emp24 domain trafficking protein 2 | 2.11 |
| 204447_at | ProSAPiP1 | ProSAPiP1 protein | - 1.35 |
| 204451_at | FZD1 | frizzled homolog 1 (Drosophila) | 1.8 |
| 204480_s_at | C9orf16 | chromosome 9 open reading frame 16 | 2.61 |
| 204486_at | KCNQ1 | potassium voltage-gated channel, KQT-like subfamily, member 1 | - 1.73 |
| 204493_at | BID | BH3 interacting domain death agonist | 1.94 |
| 204533_at | CXCL10 | chemokine (C-X-C motif) ligand 10 | 7.82 |
| 204535_s_at | REST | RE1-silencing transcription factor | - 2.44 |

| | | | |
|-------------|--------|--|-----------|
| 204559_s_at | LSM7 | LSM7 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) | 1.81 |
| 204566_at | PPM1D | protein phosphatase 1D magnesium-dependent, delta isoform | 1.44 |
| 204585_s_at | L1CAM | L1 cell adhesion molecule | -1.3 |
| 204599_s_at | MRPL28 | mitochondrial ribosomal protein L28 | - 1.79 |
| 204601_at | N4BP1 | Nedd4 binding protein 1 | 1.53 |
| 204643_s_at | ENOX2 | ecto-NOX disulfide-thiol exchanger 2 | - 1.31 |
| 204649_at | TROAP | trophinin associated protein (tastin) | - 1.43 |
| 204688_at | SGCE | sarcoglycan, epsilon | 2.83 |
| 204698_at | ISG20 | interferon stimulated exonuclease gene 20kDa | 3.96 |
| 204725_s_at | NCK1 | NCK adaptor protein 1 | 1.74 |

| | | | |
|-------------|--------|---|-----------|
| 204737_s_at | MYH7 | myosin, heavy chain 7, cardiac muscle, beta | - 1.87 |
| 204743_at | TAGLN3 | transgelin 3 | - 1.53 |
| 204744_s_at | IARS | isoleucyl-tRNA synthetase | 1.6 |
| 204747_at | IFIT3 | interferon-induced protein with tetratricopeptide repeats 3 | 2.46 |
| 204751_x_at | DSC2 | desmocollin 2 | 1.31 |
| 204772_s_at | TTF1 | transcription termination factor, RNA polymerase I | 1.2 |
| 204774_at | EVI2A | ecotropic viral integration site 2A | 2.76 |
| 204779_s_at | HOXB7 | homeobox B7 | - 1.33 |
| 204790_at | SMAD7 | SMAD family member 7 | 2.1 |
| 204791_at | NR2C1 | nuclear receptor subfamily 2, group C, member 1 | 1.81 |

| | | | |
|-------------|--------|--|-----------|
| 204806_x_at | HLA-F | major histocompatibility complex, class I, F | 1.94 |
| 204807_at | TMEM5 | transmembrane protein 5 | 1.23 |
| 204820_s_at | BTN3A3 | butyrophilin, subfamily 3, member A3 | 2.12 |
| 204821_at | BTN3A3 | butyrophilin, subfamily 3, member A3 | 1.73 |
| 204826_at | CCNF | cyclin F | - 1.39 |
| 204849_at | TCFL5 | transcription factor-like 5 (basic helix-loop-helix) | 1.67 |
| 204850_s_at | DCX | doublecortex; lissencephaly, X-linked (doublecortin) | - 1.24 |
| 204877_s_at | TAOK2 | TAO kinase 2 | - 1.37 |
| 204885_s_at | MSLN | mesothelin | - 1.58 |

| | | | |
|-------------|--------|--|-----------|
| 204890_s_at | LCK | lymphocyte-specific protein tyrosine kinase | 1.46 |
| 204900_x_at | SAP30 | Sin3A-associated protein, 30kDa | 2.61 |
| 204954_s_at | DYRK1B | dual-specificity tyrosine-(Y)- phosphorylation regulated kinase 1B | - 1.59 |
| 204957_at | ORC5L | origin recognition complex, subunit 5-like (yeast) | 1.85 |
| 204972_at | OAS2 | 2'-5'-oligoadenylate synthetase 2, 69/71kDa | 2.93 |
| 205015_s_at | TGFA | transforming growth factor, alpha | - 1.38 |
| 205039_s_at | IKZF1 | IKAROS family zinc finger 1 (Ikaros) | 1.81 |

| | | | |
|-------------|-------|--|-----------|
| 205055_at | ITGAE | integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide) | 1.67 |
| 205058_at | IDUA | iduronidase, alpha-L- | - 1.71 |
| 205077_s_at | PIGF | phosphatidylinositol glycan anchor biosynthesis, class F | 1.87 |
| 205078_at | PIGF | phosphatidylinositol glycan anchor biosynthesis, class F | 1.77 |
| 205120_s_at | SGCB | sarcoglycan, beta (43kDa dystrophin-associated glycoprotein) | 1.58 |
| 205121_at | SGCB | sarcoglycan, beta (43kDa dystrophin-associated glycoprotein) | 1.19 |
| 205125_at | PLCD1 | phospholipase C, delta 1 | - |

| | | | |
|-------------|--------|--|-----------|
| | | | 1.69 |
| 205126_at | VRK2 | vaccinia related kinase 2 | 2.03 |
| | | | - |
| 205144_at | MYL5 | myosin, light chain 5, regulatory | 1.27 |
| | | | |
| 205153_s_at | CD40 | CD40 molecule, TNF receptor superfamily member 5 | 1.5 |
| | | | |
| 205183_at | HNRPD | heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa) | - 1.59 |
| | | | - |
| 205199_at | CA9 | carbonic anhydrase IX | 1.53 |
| | | | |
| 205218_at | POLR3F | polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa | 1.33 |
| | | | |
| 205219_s_at | GALK2 | galactokinase 2 | 1.47 |

| | | | |
|-------------|-----------|---|-----------|
| 205270_s_at | LCP2 | lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa) | 1.71 |
| 205292_s_at | HNRNPA2B1 | heterogeneous nuclear ribonucleoprotein A2/B1 | 1.36 |
| 205319_at | PSCA | prostate stem cell antigen | - 1.41 |
| 205324_s_at | FTSJ1 | FtsJ homolog 1 (E. coli) | 2.01 |
| 205327_s_at | ACVR2A | activin A receptor, type IIA | - 1.58 |
| 205363_at | BBOX1 | butyrobetaine (gamma), 2- oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1 | -5.9 |
| 205390_s_at | ANK1 | ankyrin 1, erythrocytic | - 1.32 |

| | | | |
|-------------|--------|--|-----------|
| 205417_s_at | DAG1 | dystroglycan 1 (dystrophin-associated glycoprotein 1) | 1.68 |
| 205483_s_at | ISG15 | ISG15 ubiquitin-like modifier | 6.15 |
| 205488_at | GZMA | granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3) | 2.46 |
| 205537_s_at | VAV2 | vav 2 guanine nucleotide exchange factor | - 1.88 |
| 205543_at | HSPA4L | heat shock 70kDa protein 4-like | 1.73 |

| | | | |
|-------------|---------|---|-----------|
| 205589_at | MYL3 | myosin, light chain 3, alkali; ventricular, skeletal, slow | - 1.38 |
| 205590_at | RASGRP1 | RAS guanyl releasing protein 1 (calcium and DAG-regulated) | 1.83 |
| 205621_at | ALKBH1 | alkB, alkylation repair homolog 1 (E. coli) | 1.49 |
| 205660_at | OASL | 2'-5'-oligoadenylate synthetase- like | 3.47 |
| 205663_at | PCBP3 | poly(rC) binding protein 3 | - 1.61 |
| 205729_at | OSMR | oncostatin M receptor | 2.21 |
| 205734_s_at | AFF3 | AF4/FMR2 family, member 3 | - 1.35 |
| 205777_at | DUSP9 | dual specificity phosphatase 9 | - 1.65 |
| 205778_at | KLK7 | kallikrein-related peptidase 7 | - 1.48 |

| | | | |
|-------------|---------|---|-----------|
| 205781_at | C16orf7 | chromosome 16 open reading frame 7 | -1.8 |
| 205843_x_at | CRAT | carnitine acetyltransferase | - 1.43 |
| 205852_at | CDK5R2 | cyclin-dependent kinase 5, regulatory subunit 2 (p39) | - 1.68 |
| 205855_at | ZNF197 | zinc finger protein 197 | - 1.33 |
| 205869_at | PRSS1 | protease, serine, 1 (trypsin 1) | - 1.48 |
| 205879_x_at | RET | ret proto-oncogene | - 1.43 |
| 205890_s_at | UBD | ubiquitin D | 2.89 |
| 205914_s_at | GRIN1 | glutamate receptor, ionotropic, N-methyl D-aspartate 1 | - 2.16 |
| 205919_at | HBE1 | hemoglobin, epsilon 1 | - 1.44 |

| | | | |
|-------------|---------|---|-----------|
| 205963_s_at | DNAJA3 | DnaJ (Hsp40) homolog, subfamily A, member 3 | 1.44 |
| 205970_at | MT3 | metallothionein 3 | - 1.71 |
| 205985_x_at | CLCNKB | chloride channel Kb | - 1.39 |
| 205992_s_at | IL15 | interleukin 15 | 1.58 |
| 206011_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 1.77 |
| 206014_at | ACTL6B | actin-like 6B | - 1.65 |
| 206029_at | ANKRD1 | ankyrin repeat domain 1 (cardiac muscle) | - 1.14 |
| 206042_x_at | SNURF | SNRPN upstream reading frame | 1.95 |
| 206075_s_at | CSNK2A1 | casein kinase 2, alpha 1 polypeptide | 1.63 |

| | | | |
|-------------|--------|---|-----------|
| 206095_s_at | FUSIP1 | FUS interacting protein (serine/arginine-rich) 1 | 1.88 |
| 206103_at | RAC3 | ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3) | - 1.45 |
| 206113_s_at | RAB5A | RAB5A, member RAS oncogene family | 1.89 |
| 206123_at | LLGL1 | lethal giant larvae homolog 1 (Drosophila) | - 2.18 |
| 206136_at | FZD5 | frizzled homolog 5 (Drosophila) | - 1.75 |
| 206147_x_at | SCML2 | sex comb on midleg-like 2 (Drosophila) | 1.52 |
| 206148_at | IL3RA | interleukin 3 receptor, alpha | - |

| | | | |
|-------------|--------|--|-----------|
| | | (low affinity) | 1.41 |
| 206169_x_at | ZC3H7B | zinc finger CCCH-type containing 7B | - 2.33 |
| 206209_s_at | CA4 | carbonic anhydrase IV | - 1.41 |
| 206246_at | PFKFB4 | 6-phosphofructo-2- kinase/fructose-2,6- biphosphatase 4 | - 1.35 |
| 206248_at | PRKCE | protein kinase C, epsilon | - 1.39 |
| 206250_x_at | AVPR1A | arginine vasopressin receptor 1A | - 1.48 |
| 206291_at | NTS | neurotensin | 1.83 |
| 206302_s_at | NUDT4 | nudix (nucleoside diphosphate linked moiety X)-type motif 4 | 1.88 |
| 206315_at | CRLF1 | cytokine receptor-like factor 1 | - 1.59 |

| | | | |
|-------------|---------|---|-----------|
| 206332_s_at | IFI16 | interferon, gamma-inducible protein 16 | 2.07 |
| 206340_at | NR1H4 | nuclear receptor subfamily 1, group H, member 4 | 1.92 |
| 206348_s_at | PDK3 | pyruvate dehydrogenase kinase, isozyme 3 | 1.22 |
| 206356_s_at | GNAL | guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type | -1.2 |
| 206366_x_at | XCL1 | chemokine (C motif) ligand 1 | 1.77 |
| 206384_at | CACNG3 | calcium channel, voltage-dependent, gamma subunit 3 | - 1.58 |
| 206399_x_at | CACNA1A | calcium channel, voltage-dependent, P/Q type, alpha 1A subunit | - 2.26 |

| | | | |
|-------------|--------|--|-----------|
| 206445_s_at | PRMT1 | protein arginine methyltransferase 1 | 1.68 |
| 206470_at | PLXNC1 | plexin C1 | 1.18 |
| 206491_s_at | NAPA | N-ethylmaleimide-sensitive factor attachment protein, alpha | 2.42 |
| 206509_at | PIP | prolactin-induced protein | - 1.39 |
| 206512_at | ZRSR1 | zinc finger (CCCH type), RNA- binding motif and serine/arginine rich 1 | - 1.24 |
| 206563_s_at | OPRL1 | opiate receptor-like 1 | - 1.57 |
| 206564_at | OPRL1 | opiate receptor-like 1 | - 1.62 |
| 206573_at | KCNQ3 | potassium voltage-gated channel, KQT-like subfamily, member 3 | - 1.49 |

| | | | |
|-------------|--------|---|------|
| 206592_s_at | AP3D1 | adaptor-related protein complex 3, delta 1 subunit | 1.62 |
| 206614_at | GDF5 | growth differentiation factor 5 | 1.39 |
| 206617_s_at | RENBP | renin binding protein | 1.55 |
| 206621_s_at | EIF4H | eukaryotic translation initiation factor 4H | 1.52 |
| 206631_at | PTGER2 | prostaglandin E receptor 2 (subtype EP2), 53kDa | 1.37 |
| 206666_at | GZMK | granzyme K (granzyme 3; tryptase II) | 2.95 |
| 206668_s_at | SCAMP1 | secretory carrier membrane protein 1 | 1.74 |
| 206672_at | AQP2 | aquaporin 2 (collecting duct) | 1.73 |
| 206681_x_at | GP2 | glycoprotein 2 (zymogen granule membrane) | 1.39 |

| | | | |
|-------------|--------|--|-----------|
| 206689_x_at | HTATIP | HIV-1 Tat interacting protein, 60kDa | 1.54 |
| 206696_at | GPR143 | G protein-coupled receptor 143 | - 1.43 |
| 206746_at | BFSP1 | beaded filament structural protein 1, filensin | -1.4 |
| 206747_at | GPRIN2 | G protein regulated inducer of neurite outgrowth 2 | - 1.34 |
| 206756_at | CHST7 | carbohydrate (N- acetylglucosamine 6-O) sulfotransferase 7 | 1.87 |
| 206768_at | RPL3L | ribosomal protein L3-like | - 1.34 |
| 206769_at | TMSB4Y | thymosin, beta 4, Y-linked | - 1.33 |
| 206778_at | CRYBB2 | crystallin, beta B2 | - 1.57 |
| 206781_at | DNAJC4 | DnaJ (Hsp40) homolog, subfamily C, member 4 | - 1.79 |

| | | | |
|-------------|---------|--|-----------|
| | | | - |
| 206789_s_at | POU2F1 | POU class 2 homeobox 1 | 1.56 |
| 206813_at | CTF1 | cardiotrophin 1 | 1.49 |
| | | | - |
| 206815_at | SPAG8 | sperm associated antigen 8 | 1.89 |
| | | | - |
| 206821_x_at | HRBL | HIV-1 Rev binding protein-like | 1.28 |
| | | | |
| 206833_s_at | ACYP2 | acylphosphatase 2, muscle type | 1.93 |
| 206855_s_at | HYAL2 | hyaluronoglucosaminidase 2 | 1.89 |
| | | | |
| 206892_at | AMHR2 | anti-Mullerian hormone receptor, type II | -1.5 |
| | | | |
| 206897_at | PAGE1 | P antigen family, member 1 (prostate associated) | - 1.46 |
| 206953_s_at | LPHN2 | latrophilin 2 | 1.91 |
| | | | |
| 207035_at | SLC30A3 | solute carrier family 30 (zinc transporter), member 3 | - 1.44 |
| 207047_s_at | CLCNKA | chloride channel Ka | - |

| | | | |
|-------------|----------|---|-----------|
| | | | 1.42 |
| 207055_at | GPR37L1 | G protein-coupled receptor 37 like 1 | - 1.61 |
| 207079_s_at | MED6 | mediator complex subunit 6 | 2.19 |
| 207088_s_at | SLC25A11 | solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 | 1.67 |
| 207124_s_at | GNB5 | guanine nucleotide binding protein (G protein), beta 5 | 1.85 |
| 207132_x_at | PFDN5 | prefoldin subunit 5 | 1.61 |
| 207136_at | ARR3 | arrestin 3, retinal (X-arrestin) | - 1.48 |
| 207138_at | PHF2 | PHD finger protein 2 | - 1.46 |
| 207143_at | CDK6 | cyclin-dependent kinase 6 | - 1.57 |

| | | | |
|-------------|-----------|--|-----------|
| 207151_at | ADCYAP1R1 | adenylate cyclase activating polypeptide 1 (pituitary) receptor type I | - 1.23 |
| 207159_x_at | CRTC1 | CREB regulated transcription coactivator 1 | - 1.47 |
| 207163_s_at | AKT1 | v-akt murine thymoma viral oncogene homolog 1 | 1.48 |
| 207168_s_at | H2AFY | H2A histone family, member Y | 1.53 |
| 207180_s_at | HTATIP2 | HIV-1 Tat interactive protein 2, 30kDa | 1.82 |
| 207189_s_at | ZZEF1 | zinc finger, ZZ-type with EF-hand domain 1 | - 1.26 |
| 207199_at | TERT | telomerase reverse transcriptase | - 1.65 |
| 207209_at | CETN1 | centrin, EF-hand protein, 1 | - 1.67 |
| 207217_s_at | NOX1 | NADPH oxidase 1 | - |

| | | | |
|-------------|----------|---|-----------|
| | | | 1.31 |
| 207222_at | PLA2G10 | phospholipase A2, group X | - 1.41 |
| 207238_s_at | PTPRC | protein tyrosine phosphatase, receptor type, C | 2.56 |
| 207259_at | C17orf73 | chromosome 17 open reading frame 73 | - 1.16 |
| 207266_x_at | RBMS1 | RNA binding motif, single stranded interacting protein 1 | 2 |
| 207314_x_at | KIR3DL2 | killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2 | - 1.45 |
| 207317_s_at | CASQ2 | calsequestrin 2 (cardiac muscle) | -1.5 |
| 207321_s_at | ABCB9 | ATP-binding cassette, sub- family B (MDR/TAP), member 9 | - 1.36 |
| 207323_s_at | MBP | myelin basic protein | - |

| | | | |
|-------------|--------|---|-----------|
| | | | 1.67 |
| 207327_at | EYA4 | eyes absent homolog 4 (Drosophila) | - 1.26 |
| 207338_s_at | ZNF200 | zinc finger protein 200 | 1.56 |
| 207352_s_at | GABRB2 | gamma-aminobutyric acid (GABA) A receptor, beta 2 | - 1.61 |
| 207356_at | DEFB4 | defensin, beta 4 | -1.7 |
| 207361_at | HBP1 | HMG-box transcription factor 1 | 1.21 |
| 207366_at | KCNS1 | potassium voltage-gated channel, delayed-rectifier, subfamily S, member 1 | - 1.84 |
| 207387_s_at | GK | glycerol kinase | 3.02 |

| | | | |
|-------------|----------|---|-----------|
| 207396_s_at | ALG3 | asparagine-linked glycosylation 3 homolog (S. cerevisiae, alpha- 1,3-mannosyltransferase) | 1.73 |
| 207413_s_at | SCN5A | sodium channel, voltage-gated, type V, alpha subunit | - 1.72 |
| 207438_s_at | SNUPN | snurportin 1 | 1.43 |
| 207439_s_at | SLC35A2 | solute carrier family 35 (UDP- galactose transporter), member A2 | 1.36 |
| 207451_at | NKX2-8 | NK2 homeobox 8 | - 1.58 |
| 207462_at | GLRA2 | glycine receptor, alpha 2 | - 1.59 |
| 207475_at | FABP2 | fatty acid binding protein 2, intestinal | 1.25 |
| 207487_at | FLJ11996 | hypothetical protein FLJ11996 | 1.14 |

| | | | |
|-------------|---------|---|-----------|
| 207490_at | TUBA4B | tubulin, alpha 4b (pseudogene) | - 1.52 |
| 207503_at | TCP10 | t-complex 10 (mouse) | - 1.32 |
| 207504_at | CA7 | carbonic anhydrase VII | - 1.35 |
| 207511_s_at | C2orf24 | chromosome 2 open reading frame 24 | - 1.56 |
| 207517_at | LAMC2 | laminin, gamma 2 | - 1.29 |
| 207552_at | ATP5G2 | ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit C2 (subunit 9) | - 1.45 |
| 207557_s_at | RYR2 | ryanodine receptor 2 (cardiac) | - 1.32 |
| 207576_x_at | OXT | oxytocin, prepro- (neurophysin I) | - 2.06 |
| 207581_s_at | MAGEB4 | melanoma antigen family B, 4 | -1.2 |

| | | | |
|-------------|----------|--|-----------|
| 207615_s_at | C16orf3 | chromosome 16 open reading frame 3 | - 1.37 |
| 207618_s_at | BCS1L | BCS1-like (yeast) | 1.35 |
| 207627_s_at | TFCP2 | transcription factor CP2 | 1.45 |
| 207640_x_at | NTN2L | netrin 2-like (chicken) | - 1.41 |
| 207643_s_at | TNFRSF1A | tumor necrosis factor receptor superfamily, member 1A | 1.53 |
| 207688_s_at | INHBC | inhibin, beta C | 2.15 |
| 207736_s_at | TNP2 | transition protein 2 (during histone to protamine replacement) | - 1.33 |
| 207748_at | | NA | -1.3 |

| | | | |
|-------------|---------|--|-----------|
| 207753_at | ZNF304 | zinc finger protein 304 | 1.41 |
| 207755_at | | NA | - 1.37 |
| 207758_at | PPM1F | protein phosphatase 1F (PP2C domain containing) | - 1.96 |
| 207771_at | SLC5A2 | solute carrier family 5 (sodium/glucose cotransporter), member 2 | - 1.34 |
| 207826_s_at | ID3 | inhibitor of DNA binding 3, dominant negative helix-loop-helix protein | 1.97 |
| 207834_at | FBLN1 | fibulin 1 | - 1.47 |
| 207845_s_at | ANAPC10 | anaphase promoting complex subunit 10 | 1.72 |
| 207847_s_at | MUC1 | mucin 1, cell surface associated | - 1.69 |

| | | | |
|-------------|--------|---|-----------|
| 207861_at | CCL22 | chemokine (C-C motif) ligand 22 | - 1.41 |
| 207911_s_at | TGM5 | transglutaminase 5 | - 1.41 |
| 207914_x_at | EVX1 | even-skipped homeobox 1 | - 2.68 |
| 207919_at | ART1 | ADP-ribosyltransferase 1 | - 1.53 |
| 207945_s_at | CSNK1D | casein kinase 1, delta | - 1.85 |
| 207949_s_at | ICA1 | islet cell autoantigen 1, 69kDa | - 1.91 |
| 207957_s_at | PRKCB1 | protein kinase C, beta 1 | - 1.48 |
| 207967_at | VPS45 | vacuolar protein sorting 45 homolog (<i>S. cerevisiae</i>) | - 1.46 |
| 207971_s_at | CEP68 | centrosomal protein 68kDa | - 1.26 |
| 207993_s_at | CHP | calcium binding protein P22 | - 2.16 |
| 208007_at | | NA | - 1.57 |

| | | | |
|-------------|---------|---|-----------|
| 208016_s_at | AGTR1 | angiotensin II receptor, type 1 | 2.57 |
| 208021_s_at | RFC1 | replication factor C (activator 1) 1, 145kDa | 1.5 |
| 208031_s_at | RFX2 | regulatory factor X, 2 (influences HLA class II expression) | - 1.95 |
| 208037_s_at | MADCAM1 | mucosal vascular addressin cell adhesion molecule 1 | - 1.83 |
| 208040_s_at | MYBPC3 | myosin binding protein C, cardiac | - 1.66 |
| 208055_s_at | HERC4 | hect domain and RLD 4 | 1.26 |
| 208057_s_at | GLI2 | GLI-Kruppel family member GLI2 | - 1.35 |
| 208066_s_at | GTF2B | general transcription factor IIB | 1.89 |
| 208072_s_at | DGKD | diacylglycerol kinase, delta 130kDa | - 1.33 |

| | | | |
|-------------|---------|--|-----------|
| 208084_at | ITGB6 | integrin, beta 6 | - 1.27 |
| 208090_s_at | AIRE | autoimmune regulator | - 1.58 |
| 208111_at | AVPR2 | arginine vasopressin receptor 2 (nephrogenic diabetes insipidus) | - 1.75 |
| 208131_s_at | PTGIS | prostaglandin I2 (prostacyclin) synthase | 2.17 |
| 208135_at | TCF2 | transcription factor 2, hepatic; LF-B3; variant hepatic nuclear factor | - 1.42 |
| 208141_s_at | DOHH | deoxyhypusine hydroxylase/monooxygenase | - 1.77 |
| 208158_s_at | OSBPL1A | oxysterol binding protein-like 1A | 1.7 |
| 208188_at | KRT9 | keratin 9 (epidermolytic palmoplantar keratoderma) | - 1.63 |

| | | | |
|-------------|---------|---|-----------|
| 208219_at | ACVR1B | activin A receptor, type IB | - 1.28 |
| 208221_s_at | SLIT1 | slit homolog 1 (Drosophila) | - 1.34 |
| 208247_at | C3orf51 | chromosome 3 open reading frame 51 | - 1.79 |
| 208258_s_at | GAS2L1 | growth arrest-specific 2 like 1 | - 1.98 |
| 208269_s_at | ADAM28 | ADAM metallopeptidase domain 28 | - 1.52 |
| 208292_at | BMP10 | bone morphogenetic protein 10 | - 1.41 |
| 208309_s_at | MALT1 | mucosa associated lymphoid tissue lymphoma translocation gene 1 | 1.62 |
| 208336_s_at | GPSN2 | glycoprotein, synaptic 2 | 1.49 |
| 208371_s_at | RING1 | ring finger protein 1 | 2.06 |

| | | | |
|-------------|---------|--|-----------|
| 208377_s_at | CACNA1F | calcium channel, voltage-dependent, L type, alpha 1F subunit | - 1.63 |
| 208397_x_at | KCNJ5 | potassium inwardly-rectifying channel, subfamily J, member 5 | - 1.54 |
| 208407_s_at | CTNND1 | catenin (cadherin-associated protein), delta 1 | 1.66 |
| 208430_s_at | DTNA | dystrobrevin, alpha | -1.2 |
| 208447_s_at | PRPS1 | phosphoribosyl pyrophosphate synthetase 1 | 1.52 |
| 208453_s_at | XPNPEP1 | X-prolyl aminopeptidase (aminopeptidase P) 1, soluble | 1.68 |
| 208456_s_at | RRAS2 | related RAS viral (r-ras) oncogene homolog 2 | 1.53 |
| 208481_at | ASB4 | ankyrin repeat and SOCS box-containing 4 | - 1.17 |

| | | | |
|-------------|-----------|---|-----------|
| 208483_x_at | KRT33A | keratin 33A | - 1.37 |
| 208517_x_at | BTF3 | basic transcription factor 3 | 1.78 |
| 208527_x_at | HIST1H2BE | histone cluster 1, H2be | 2.1 |
| 208529_at | BTF3L1 | basic transcription factor 3, like 1 | - 1.51 |
| 208531_at | SERPINA2 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 2 | -1.2 |
| 208552_at | GRIK4 | glutamate receptor, ionotropic, kainate 4 | - 1.28 |
| 208554_at | POU4F3 | POU class 4 homeobox 3 | - 1.23 |
| 208573_s_at | OR2H2 | olfactory receptor, family 2, subfamily H, member 2 | - 1.64 |
| 208578_at | SCN10A | sodium channel, voltage-gated, type X, alpha subunit | - 1.27 |

| | | | |
|-------------|-------|---|-----------|
| 208579_x_at | H2BFS | H2B histone family, member S | 2.79 |
| 208582_s_at | DUX3 | double homeobox, 3 | - 1.51 |
| 208587_s_at | OR1E2 | olfactory receptor, family 1, subfamily E, member 2 | - 1.24 |
| 208588_at | FKSG2 | apoptosis inhibitor | - 1.39 |
| 208620_at | PCBP1 | poly(rC) binding protein 1 | 1.66 |
| 208621_s_at | VIL2 | villin 2 (ezrin) | 1.79 |
| 208622_s_at | VIL2 | villin 2 (ezrin) | 1.62 |
| 208628_s_at | YBX1 | Y box binding protein 1 | 1.65 |
| 208668_x_at | HMGN2 | high-mobility group nucleosomal binding domain 2 | 1.36 |
| 208675_s_at | DDOST | dolichyl- diphosphooligosaccharide- protein glycosyltransferase | 1.82 |
| 208677_s_at | BSG | basigin (Ok blood group) | 2.17 |

| | | | |
|-------------|----------|---|------|
| 208679_s_at | ARPC2 | actin related protein 2/3 complex, subunit 2, 34kDa | 1.64 |
| 208686_s_at | BRD2 | bromodomain containing 2 | 1.85 |
| 208699_x_at | TKT | transketolase (Wernicke-Korsakoff syndrome) | 1.93 |
| 208702_x_at | APLP2 | amyloid beta (A4) precursor-like protein 2 | 1.72 |
| 208717_at | OXA1L | oxidase (cytochrome c) assembly 1-like | 1.65 |
| 208726_s_at | EIF2S2 | eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa | 1.87 |
| 208737_at | ATP6V1G1 | ATPase, H ⁺ transporting, lysosomal 13kDa, V1 subunit G1 | 1.35 |
| 208748_s_at | FLOT1 | flotillin 1 | 1.22 |

| | | | |
|-------------|--------|---|------|
| 208750_s_at | ARF1 | ADP-ribosylation factor 1 | 2.47 |
| 208751_at | NAPA | N-ethylmaleimide-sensitive factor attachment protein, alpha | 2.04 |
| 208755_x_at | H3F3A | H3 histone, family 3A | 1.52 |
| 208777_s_at | PSMD11 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 | 1.57 |
| 208781_x_at | SNX3 | sorting nexin 3 | 1.44 |
| 208785_s_at | KRTHB5 | keratin, hair, basic, 5 | 1.59 |
| 208787_at | MRPL3 | mitochondrial ribosomal protein L3 | 1.74 |
| 208800_at | SRP72 | signal recognition particle 72kDa | 1.97 |

| | | | |
|-------------|--------|--|------|
| 208805_at | PSMA6 | proteasome (prosome, macropain) subunit, alpha type, 6 | 1.51 |
| 208812_x_at | HLA-C | major histocompatibility complex, class I, C | 1.83 |
| 208819_at | RAB8A | RAB8A, member RAS oncogene family | 1.86 |
| 208832_at | ATXN10 | ataxin 10 | 1.3 |
| 208846_s_at | VDAC3 | voltage-dependent anion channel 3 | 1.92 |
| 208851_s_at | THY1 | Thy-1 cell surface antigen | - |

| | | | |
|-------------|---------|---|-----------|
| | | | 1.75 |
| 208854_s_at | STK24 | serine/threonine kinase 24 (STE20 homolog, yeast) | 2.19 |
| 208887_at | EIF3G | eukaryotic translation initiation factor 3, subunit G | 1.51 |
| 208890_s_at | PLXNB2 | plexin B2 | 1.84 |
| 208907_s_at | MRPS18B | mitochondrial ribosomal protein S18B | 1.94 |
| 208915_s_at | GGA2 | golgi associated, gamma adaptin ear containing, ARF binding protein 2 | - 1.37 |
| 208922_s_at | NXF1 | nuclear RNA export factor 1 | 2.05 |
| 208926_at | NEU1 | sialidase 1 (lysosomal sialidase) | 1.98 |
| 208934_s_at | LGALS8 | lectin, galactoside-binding, | 1.96 |

| | | | |
|-------------|--------|---|------|
| | | soluble, 8 (galectin 8) | |
| 208937_s_at | ID1 | inhibitor of DNA binding 1, dominant negative helix-loop- helix protein | 3.43 |
| 208952_s_at | LARP5 | La ribonucleoprotein domain family, member 5 | 1.52 |
| 208953_at | LARP5 | La ribonucleoprotein domain family, member 5 | 1.74 |
| 208959_s_at | TXNDC4 | thioredoxin domain containing 4 (endoplasmic reticulum) | 1.5 |
| 208966_x_at | IFI16 | interferon, gamma-inducible protein 16 | 2.16 |
| 208967_s_at | AK2 | adenylate kinase 2 | 1.56 |
| 208971_at | UROD | uroporphyrinogen decarboxylase | 1.44 |

| | | | |
|-------------|-----------|---|------|
| 208973_at | PRNPIP | prion protein interacting protein | 1.31 |
| 208996_s_at | POLR2C | polymerase (RNA) II (DNA directed) polypeptide C, 33kDa | 1.86 |
| 208998_at | UCP2 | uncoupling protein 2 (mitochondrial, proton carrier) | 2.25 |
| 209006_s_at | C1orf63 | chromosome 1 open reading frame 63 | 2.96 |
| 209015_s_at | DNAJB6 | DnaJ (Hsp40) homolog, subfamily B, member 6 | 1.43 |
| 209020_at | C20orf111 | chromosome 20 open reading frame 111 | 1.76 |
| 209027_s_at | ABI1 | abl-interactor 1 | 2.2 |
| 209038_s_at | EHD1 | EH-domain containing 1 | 1.27 |

| | | | |
|-------------|-----------|---|------|
| 209040_s_at | PSMB8 | proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7) | 2.63 |
| 209046_s_at | GABARAPL2 | GABA(A) receptor-associated protein-like 2 | 1.47 |
| 209080_x_at | GLRX3 | glutaredoxin 3 | 2.16 |
| 209084_s_at | RFC1 | replication factor C (activator 1) 1, 145kDa | 1.45 |
| 209102_s_at | HBP1 | HMG-box transcription factor 1 | 1.75 |
| 209103_s_at | UFD1L | ubiquitin fusion degradation 1 like (yeast) | 1.48 |
| 209104_s_at | NOLA2 | nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs) | 1.85 |
| 209112_at | CDKN1B | cyclin-dependent kinase inhibitor 1B (p27, Kip1) | 1.63 |

| | | | |
|-------------|---------|--|------|
| 209124_at | MYD88 | myeloid differentiation primary response gene (88) | 2.02 |
| 209132_s_at | COMMD4 | COMM domain containing 4 | 1.41 |
| 209139_s_at | PRKRA | protein kinase, interferon-inducible double stranded RNA dependent activator | 1.9 |
| 209142_s_at | UBE2G1 | ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast) | 2.25 |
| 209152_s_at | TCF3 | transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) | 1.28 |
| 209156_s_at | COL6A2 | collagen, type VI, alpha 2 | 3.1 |
| 209165_at | AATF | apoptosis antagonizing transcription factor | 1.44 |
| 209177_at | C3orf60 | chromosome 3 open reading frame 60 | 1.43 |

| | | | |
|-------------|--------|--|-----------|
| 209188_x_at | DR1 | down-regulator of transcription 1, TBP-binding (negative cofactor 2) | 1.7 |
| 209192_x_at | HTATIP | HIV-1 Tat interacting protein, 60kDa | 1.49 |
| 209206_at | SEC22B | SEC22 vesicle trafficking protein homolog B (S. cerevisiae) | 1.73 |
| 209207_s_at | SEC22B | SEC22 vesicle trafficking protein homolog B (S. cerevisiae) | 1.5 |
| 209208_at | MPDU1 | mannose-P-dolichol utilization defect 1 | 1.52 |
| 209217_s_at | WDR45 | WD repeat domain 45 | 1.57 |
| 209260_at | SFN | stratifin | - 1.34 |
| 209265_s_at | METTL3 | methyltransferase like 3 | 2.15 |

| | | | |
|-------------|-----------|--|------|
| 209275_s_at | CLN3 | ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier- Vogt disease) | 1.44 |
| 209284_s_at | C3orf63 | chromosome 3 open reading frame 63 | 1.78 |
| 209295_at | TNFRSF10B | tumor necrosis factor receptor superfamily, member 10b | 1.77 |
| 209302_at | POLR2H | polymerase (RNA) II (DNA directed) polypeptide H | 1.32 |
| 209329_x_at | HIGD2A | HIG1 domain family, member 2A | 1.54 |
| 209331_s_at | MAX | MYC associated factor X | 1.7 |
| 209338_at | TFCP2 | transcription factor CP2 | 1.32 |
| 209342_s_at | IKBKB | inhibitor of kappa light polypeptide gene enhancer in B- cells, kinase beta | 1.37 |

| | | | |
|-------------|---------|---|------|
| 209344_at | TPM4 | tropomyosin 4 | 1.97 |
| 209350_s_at | GPS2 | G protein pathway suppressor 2 | 1.62 |
| 209361_s_at | PCBP4 | poly(rC) binding protein 4 | 1.51 |
| 209362_at | MED21 | mediator complex subunit 21 | 1.96 |
| 209363_s_at | MED21 | mediator complex subunit 21 | 1.69 |
| 209369_at | ANXA3 | annexin A3 | 3.1 |
| 209397_at | ME2 | malic enzyme 2, NAD(+)-dependent, mitochondrial | 2.29 |
| 209417_s_at | IFI35 | interferon-induced protein 35 | 2.19 |
| 209432_s_at | CREB3 | cAMP responsive element binding protein 3 | 1.32 |
| 209441_at | RHOBTB2 | Rho-related BTB domain containing 2 | -1.3 |
| 209445_x_at | C7orf44 | chromosome 7 open reading frame 44 | 1.96 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 209449_at | LSM2 | LSM2 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) | 1.45 |
| 209453_at | SLC9A1 | solute carrier family 9 (sodium/hydrogen exchanger), member 1 (antiporter, Na ⁺ /H ⁺ , amiloride sensitive) | - 1.31 |
| 209488_s_at | RPMS | RNA binding protein with multiple splicing | 2.02 |
| 209499_x_at | TNFSF13 | tumor necrosis factor (ligand) superfamily, member 13 | 1.64 |
| 209502_s_at | BAIAP2 | BAI1-associated protein 2 | - 1.44 |

| | | | |
|-------------|--------|---|-----------|
| 209509_s_at | DPAGT1 | dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase) | 1.67 |
| 209511_at | POLR2F | polymerase (RNA) II (DNA directed) polypeptide F | 1.67 |
| 209520_s_at | NCBP1 | nuclear cap binding protein subunit 1, 80kDa | 1.37 |
| 209521_s_at | AMOT | angiomin | - 1.38 |
| 209529_at | PPAP2C | phosphatidic acid phosphatase type 2C | 1.5 |
| 209538_at | ZNF32 | zinc finger protein 32 | 1.92 |
| 209552_at | PAX8 | paired box 8 | - 1.56 |
| 209557_s_at | NCDN | neurochondrin | - 1.42 |

| | | | |
|-------------|---------|---|------|
| 209565_at | RNF113A | ring finger protein 113A | 1.65 |
| 209593_s_at | TOR1B | torsin family 1, member B (torsin B) | 1.57 |
| 209605_at | TST | thiosulfate sulfurtransferase (rhodanese) | 1.59 |
| 209619_at | CD74 | CD74 molecule, major histocompatibility complex, class II invariant chain | 2.46 |
| 209624_s_at | MCCC2 | methylcrotonoyl-Coenzyme A carboxylase 2 (beta) | 1.49 |
| 209625_at | PIGH | phosphatidylinositol glycan anchor biosynthesis, class H | 1.43 |
| 209630_s_at | FBXW2 | F-box and WD repeat domain containing 2 | 1.71 |
| 209647_s_at | SOCS5 | suppressor of cytokine signaling 5 | 2 |

| | | | |
|-------------|--------|--|------|
| 209653_at | KPNA4 | karyopherin alpha 4 (importin alpha 3) | 1.59 |
| 209680_s_at | KIFC1 | kinesin family member C1 | 1.38 |
| 209689_at | CCDC93 | coiled-coil domain containing 93 | 1.28 |
| 209732_at | CLEC2B | C-type lectin domain family 2, member B | 2.47 |
| 209751_s_at | SEDLP | spondyloepiphyseal dysplasia, late, pseudogene | 2.01 |
| 209754_s_at | TMPO | thymopoietin | 1.43 |
| 209756_s_at | MYCN | v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) | 1.64 |

| | | | |
|-------------|--------|--|-----------|
| 209759_s_at | DCI | dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase) | 1.73 |
| 209761_s_at | SP110 | SP110 nuclear body protein | 2.57 |
| 209770_at | BTN3A1 | butyrophilin, subfamily 3, member A1 | 1.81 |
| 209783_at | DBP | D site of albumin promoter (albumin D-box) binding protein | - 2.61 |
| 209784_s_at | JAG2 | jagged 2 | - 1.54 |
| 209799_at | PRKAA1 | protein kinase, AMP-activated, alpha 1 catalytic subunit | 1.57 |
| 209807_s_at | NFIX | nuclear factor I/X (CCAAT-binding transcription factor) | - 1.38 |

| | | | |
|-------------|-------|---|-----------|
| 209812_x_at | CASP2 | caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down-regulated 2) | - 1.42 |
| 209842_at | SOX10 | SRY (sex determining region Y)-box 10 | - 1.48 |
| 209853_s_at | PSME3 | proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) | 1.5 |
| 209855_s_at | KLK2 | kallikrein-related peptidase 2 | -1.7 |
| 209882_at | RIT1 | Ras-like without CAAX 1 | 1.45 |
| 209899_s_at | PUF60 | poly-U binding splicing factor 60KDa | 1.37 |
| 209907_s_at | ITSN2 | intersectin 2 | 1.66 |
| 210012_s_at | EWSR1 | Ewing sarcoma breakpoint | 1.26 |

| | | | |
|-------------|---------|---|-----------|
| | | region 1 | |
| 210018_x_at | MALT1 | mucosa associated lymphoid tissue lymphoma translocation gene 1 | 1.65 |
| 210020_x_at | CALML3 | calmodulin-like 3 | - 1.62 |
| 210028_s_at | ORC3L | origin recognition complex, subunit 3-like (yeast) | 1.66 |
| 210060_at | PDE6G | phosphodiesterase 6G, cGMP- specific, rod, gamma | - 1.71 |
| 210089_s_at | LAMA4 | laminin, alpha 4 | - 1.81 |
| 210097_s_at | NOL7 | nucleolar protein 7, 27kDa | 2.08 |
| 210101_x_at | SH3GLB1 | SH3-domain GRB2-like endophilin B1 | 1.88 |
| 210104_at | MED6 | mediator complex subunit 6 | 1.38 |
| 210113_s_at | NLRP1 | NLR family, pyrin domain containing 1 | - 1.46 |

| | | | |
|-------------|--------|---|-----------|
| 210120_s_at | RANBP3 | RAN binding protein 3 | 1.36 |
| 210126_at | PSG9 | pregnancy specific beta-1-glycoprotein 9 | - 1.65 |
| 210127_at | RAB6B | RAB6B, member RAS oncogene family | - 1.27 |
| 210128_s_at | LTB4R | leukotriene B4 receptor | - 1.48 |
| 210137_s_at | DCTD | dCMP deaminase | 1.81 |
| 210140_at | CST7 | cystatin F (leukocystatin) | 1.94 |
| 210154_at | ME2 | malic enzyme 2, NAD(+)-dependent, mitochondrial | 1.65 |
| 210162_s_at | NFATC1 | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1 | 1.66 |
| 210178_x_at | FUSIP1 | FUS interacting protein | 2.57 |

| | | | |
|-------------|--------|--|-----------|
| | | (serine/arginine-rich) 1 | |
| 210182_at | CORT | cortistatin | - 2.11 |
| 210185_at | CACNB1 | calcium channel, voltage- dependent, beta 1 subunit | - 1.56 |
| 210191_s_at | PHTF1 | putative homeodomain transcription factor 1 | 1.3 |
| 210200_at | WWP2 | WW domain containing E3 ubiquitin protein ligase 2 | - 1.41 |
| 210208_x_at | BAT3 | HLA-B associated transcript 3 | 1.38 |
| 210226_at | NR4A1 | nuclear receptor subfamily 4, group A, member 1 | - 1.54 |

| | | | |
|-------------|--------|---|-----------|
| 210235_s_at | PPFIA1 | protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1 | 1.35 |
| 210248_at | WNT7A | wingless-type MMTV integration site family, member 7A | - 1.44 |
| 210270_at | RGS6 | regulator of G-protein signaling 6 | - 1.83 |
| 210276_s_at | TRIOBP | TRIO and F-actin binding protein | 2 |
| 210287_s_at | FLT1 | fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) | - 1.35 |
| 210288_at | KLRG1 | killer cell lectin-like receptor subfamily G, member 1 | 1.23 |

| | | | |
|-------------|---------|--|-----------|
| 210300_at | REM1 | RAS (RAD and GEM)-like GTP-binding 1 | - 1.35 |
| 210312_s_at | IFT20 | intraflagellar transport 20 homolog (Chlamydomonas) | 1.43 |
| 210314_x_at | TNFSF13 | tumor necrosis factor (ligand) superfamily, member 13 | 1.72 |
| 210315_at | SYN2 | synapsin II | - 1.21 |
| 210316_at | FLT4 | fms-related tyrosine kinase 4 | - 1.24 |
| 210317_s_at | YWHAE | tyrosine 3- monooxygenase/tryptophan 5- monooxygenase activation protein, epsilon polypeptide | 2.24 |
| 210329_s_at | SGCD | sarcoglycan, delta (35kDa dystrophin-associated glycoprotein) | - 1.56 |

| | | | |
|-------------|--------|--|-----------|
| | | | |
| 210337_s_at | ACLY | ATP citrate lyase | 1.74 |
| 210357_s_at | SMOX | spermine oxidase | - 1.58 |
| 210367_s_at | PTGES | prostaglandin E synthase | - 1.49 |
| 210392_x_at | NR6A1 | nuclear receptor subfamily 6, group A, member 1 | - 1.49 |
| 210406_s_at | RAB6C | RAB6C, member RAS oncogene family | 1.49 |
| 210417_s_at | PI4KB | phosphatidylinositol 4-kinase, catalytic, beta | 1.61 |
| 210419_at | BARX2 | BARX homeobox 2 | -1.5 |
| 210431_at | ALPPL2 | alkaline phosphatase, placental- like 2 | - 1.62 |
| 210434_x_at | JTB | jumping translocation breakpoint | 1.36 |

| | | | |
|-------------|---------|---|-----------|
| 210442_at | IL1RL1 | interleukin 1 receptor-like 1 | - 1.54 |
| 210449_x_at | MAPK14 | mitogen-activated protein kinase 14 | 1.43 |
| 210459_at | PSMD4 | proteasome (prosome, macropain) 26S subunit, non- ATPase, 4 | - 1.54 |
| 210476_s_at | PRLR | prolactin receptor | - 1.48 |
| 210480_s_at | MYO6 | myosin VI | 1.34 |
| 210487_at | DNTT | deoxynucleotidyltransferase, terminal | - 1.37 |
| 210501_x_at | EIF3K | eukaryotic translation initiation factor 3, subunit K | 1.47 |
| 210513_s_at | VEGFA | vascular endothelial growth factor A | 1.58 |
| 210541_s_at | TRIM27 | tripartite motif-containing 27 | 1.52 |
| 210569_s_at | SIGLEC9 | sialic acid binding Ig-like lectin 9 | - 1.39 |

| | | | |
|-------------|--------------|--|------|
| 210578_at | TRIM10 | tripartite motif-containing 10 | 1.35 |
| 210588_x_at | HNRPH3 | heterogeneous nuclear ribonucleoprotein H3 (2H9) | 1.62 |
| 210594_x_at | MPZL1 | myelin protein zero-like 1 | 1.29 |
| 210596_at | RP11-217H1.1 | implantation-associated protein | 1.94 |
| 210638_s_at | FBXO9 | F-box protein 9 | 1.73 |
| 210639_s_at | ATG5 | ATG5 autophagy related 5 homolog (<i>S. cerevisiae</i>) | 1.49 |
| 210648_x_at | SNX3 | sorting nexin 3 | 1.5 |
| 210717_at | | NA | 1.45 |
| 210719_s_at | HMG20B | high-mobility group 20B | 2.13 |
| 210724_at | EMR3 | egf-like module containing, mucin-like, hormone receptor- like 3 | -1.3 |
| 210732_s_at | LGALS8 | lectin, galactoside-binding, | 1.89 |

| | | | |
|-------------|-------|--|-----------|
| | | soluble, 8 (galectin 8) | |
| 210733_at | TRAM1 | translocation associated membrane protein 1 | 3.18 |
| 210734_x_at | MAX | MYC associated factor X | 1.52 |
| 210759_s_at | PSMA1 | proteasome (prosome, macropain) subunit, alpha type, 1 | 2.41 |
| 210782_x_at | GRIN1 | glutamate receptor, ionotropic, N-methyl D-aspartate 1 | - 1.61 |
| 210797_s_at | OASL | 2'-5'-oligoadenylate synthetase- like | 2.25 |
| 210799_at | HTR1B | 5-hydroxytryptamine (serotonin) receptor 1B | - 1.52 |

| | | | |
|-------------|--------|--|------|
| 210802_s_at | DIMT1L | DIM1 dimethyladenosine transferase 1-like (<i>S. cerevisiae</i>) | 1.79 |
| 210803_at | TXNRD2 | thioredoxin reductase 2 | 1.31 |
| 210804_x_at | SLC8A1 | solute carrier family 8 (sodium/calcium exchanger), member 1 | 1.33 |
| 210812_at | XRCC4 | X-ray repair complementing defective repair in Chinese hamster cells 4 | 1.39 |
| 210839_s_at | ENPP2 | ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin) | 2.8 |
| 210865_at | FASLG | Fas ligand (TNF superfamily, member 6) | 1.3 |
| 210867_at | CNOT4 | CCR4-NOT transcription complex, subunit 4 | 1.72 |

| | | | |
|-------------|---------|---|-----------|
| 210883_x_at | EFNB3 | ephrin-B3 | - 1.63 |
| 210884_s_at | SPAG11A | sperm associated antigen 11A | - 1.54 |
| 210889_s_at | FCGR2B | Fc fragment of IgG, low affinity IIb, receptor (CD32) | 2.3 |
| 210915_x_at | TRBC1 | T cell receptor beta constant 1 | 2.22 |
| 210936_at | WDR1 | WD repeat domain 1 | - 1.17 |
| 210950_s_at | FDFT1 | farnesyl-diphosphate farnesyltransferase 1 | 2 |
| 211004_s_at | ALDH3B1 | aldehyde dehydrogenase 3 family, member B1 | -1.5 |
| 211018_at | LSS | lanosterol synthase (2,3- oxidosqualene-lanosterol cyclase) | - 1.46 |
| 211021_s_at | RGS14 | regulator of G-protein signaling 14 | - 1.77 |

| | | | |
|-------------|---------|---|-----------|
| 211036_x_at | ANAPC5 | anaphase promoting complex subunit 5 | 1.4 |
| 211038_s_at | CROCCL1 | ciliary rootlet coiled-coil, rootletin-like 1 | 1.83 |
| 211045_s_at | KCNH6 | potassium voltage-gated channel, subfamily H (eag- related), member 6 | - 1.38 |
| 211063_s_at | NCK1 | NCK adaptor protein 1 | 1.9 |
| 211090_s_at | PRPF4B | PRP4 pre-mRNA processing factor 4 homolog B (yeast) | 1.94 |
| 211096_at | PBX2 | pre-B-cell leukemia homeobox 2 | - 1.46 |
| 211112_at | SLC12A4 | solute carrier family 12 (potassium/chloride transporters), member 4 | - 1.82 |

| | | | |
|-------------|--------|--|-----------|
| 211116_at | SLC9A2 | solute carrier family 9 (sodium/hydrogen exchanger), member 2 | - 1.37 |
| 211123_at | SLC5A5 | solute carrier family 5 (sodium iodide symporter), member 5 | - 1.57 |
| 211135_x_at | LILRB3 | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3 | - 1.54 |
| 211136_s_at | CLPTM1 | cleft lip and palate associated transmembrane protein 1 | 1.77 |
| 211147_s_at | P2RXL1 | purinergic receptor P2X-like 1, orphan receptor | - 1.47 |
| 211185_s_at | HIATL1 | hippocampus abundant transcript-like 1 | 1.6 |

| | | | |
|-------------|--------|---|-----------|
| 211197_s_at | ICOSLG | inducible T-cell co-stimulator ligand | - 1.33 |
| 211208_s_at | CASK | calcium/calmodulin-dependent serine protein kinase (MAGUK family) | 1.48 |
| 211212_s_at | ORC5L | origin recognition complex, subunit 5-like (yeast) | 1.26 |
| 211222_s_at | HAPI | huntingtin-associated protein 1 (neuroan 1) | - 1.89 |
| 211254_x_at | RHAG | Rh-associated glycoprotein | - 1.24 |
| 211261_at | NUP214 | nucleoporin 214kDa | - 1.53 |
| 211263_s_at | PCSK6 | proprotein convertase subtilisin/kexin type 6 | - 1.47 |
| 211317_s_at | CFLAR | CASP8 and FADD-like apoptosis regulator | 2.31 |

| | | | |
|-------------|--------|---|-----------|
| 211337_s_at | 76P | gamma tubulin ring complex protein (76p gene) | 1.37 |
| 211366_x_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 1.81 |
| 211367_s_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | 2.04 |
| 211377_x_at | MYCN | v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) | - 1.35 |
| 211402_x_at | NR6A1 | nuclear receptor subfamily 6, group A, member 1 | - 1.47 |
| 211405_x_at | IFNA17 | interferon, alpha 17 | - 1.65 |

| | | | |
|-------------|----------|--|-----------|
| 211410_x_at | KIR2DL5A | killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A | - 1.71 |
| 211438_at | TRHR | thyrotropin-releasing hormone receptor | - 1.43 |
| 211439_at | SFRS7 | splicing factor, arginine/serine-rich 7, 35kDa | - 1.29 |
| 211446_at | RGSL2 | regulator of G-protein signaling like 2 | - 1.31 |
| 211484_s_at | DSCAM | Down syndrome cell adhesion molecule | - 1.52 |
| 211488_s_at | ITGB8 | integrin, beta 8 | - 1.31 |
| 211520_s_at | GRIA1 | glutamate receptor, ionotropic, AMPA 1 | - 1.23 |
| 211530_x_at | HLA-G | HLA-G histocompatibility antigen, class I, G | 1.62 |

| | | | |
|-------------|----------|---|-----------|
| 211536_x_at | MAP3K7 | mitogen-activated protein kinase kinase kinase 7 | 1.51 |
| 211559_s_at | CCNG2 | cyclin G2 | 1.61 |
| 211561_x_at | MAPK14 | mitogen-activated protein kinase 14 | 1.45 |
| 211574_s_at | CD46 | CD46 molecule, complement regulatory protein | 1.62 |
| 211587_x_at | CHRNA3 | cholinergic receptor, nicotinic, alpha 3 | - 1.45 |
| 211631_x_at | B4GALT1 | UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 | - 1.88 |
| 211633_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | 2.57 |
| 211634_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 4.63 |
| 211635_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 3.5 |

| | | | |
|-------------|-----------|---|------|
| 211637_x_at | LOC652128 | similar to Ig heavy chain V-II region ARH-77 precursor | 3.66 |
| 211639_x_at | SKAP2 | src kinase associated phosphoprotein 2 | 2.1 |
| 211640_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 2.08 |
| 211649_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | 2.63 |
| 211650_x_at | IL8 | interleukin 8 | 2.08 |
| 211662_s_at | VDAC2 | voltage-dependent anion channel 2 | 1.66 |

| | | | |
|-------------|---------|---|-----------|
| 211677_x_at | CADM3 | cell adhesion molecule 3 | - 1.62 |
| 211687_x_at | KIR3DL1 | killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1 | - 1.17 |
| 211689_s_at | TMPRSS2 | transmembrane protease, serine 2 | 1.78 |
| 211744_s_at | CD58 | CD58 molecule | 1.99 |
| 211746_x_at | PSMA1 | proteasome (prosome, macropain) subunit, alpha type, 1 | 1.45 |
| 211749_s_at | VAMP3 | vesicle-associated membrane protein 3 (cellubrevin) | 2.34 |
| 211768_at | LAT2 | linker for activation of T cells family, member 2 | - 1.83 |
| 211771_s_at | POU2F2 | POU class 2 homeobox 2 | - 1.86 |

| | | | |
|-------------|--------|--|-----------|
| 211779_x_at | AP2A2 | adaptor-related protein complex 2, alpha 2 subunit | 1.49 |
| 211788_s_at | TREX2 | three prime repair exonuclease 2 | - 1.29 |
| 211797_s_at | NFYC | nuclear transcription factor Y, gamma | 1.38 |
| 211798_x_at | IGLJ3 | immunoglobulin lambda joining 3 | 3 |
| 211799_x_at | HLA-C | major histocompatibility complex, class I, C | 1.83 |
| 211800_s_at | USP4 | ubiquitin specific peptidase 4 (proto-oncogene) | 1.58 |
| 211805_s_at | SLC8A1 | solute carrier family 8 (sodium/calcium exchanger), member 1 | - 1.43 |
| 211858_x_at | GNAS | GNAS complex locus | 1.75 |

| | | | |
|-------------|---------|---|-----------|
| 211862_x_at | CFLAR | CASP8 and FADD-like apoptosis regulator | 1.68 |
| 211868_x_at | IFI6 | interferon, alpha-inducible protein 6 | 2.03 |
| 211889_x_at | CEACAM1 | carcinoembryonic antigen- related cell adhesion molecule 1 (biliary glycoprotein) | 1.61 |
| 211904_x_at | RAD52 | RAD52 homolog (<i>S. cerevisiae</i>) | - 1.76 |
| 211926_s_at | MYH9 | myosin, heavy chain 9, non- muscle | 1.61 |
| 211939_x_at | BTF3 | basic transcription factor 3 | 1.69 |
| 211940_x_at | H3F3A | H3 histone, family 3A | 1.56 |

| | | | |
|-------------|----------|--|------|
| 211945_s_at | ITGB1 | integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) | 1.3 |
| 211972_x_at | RPLP0 | ribosomal protein, large, P0 | 1.36 |
| 211982_x_at | XPO6 | exportin 6 | 1.62 |
| 211997_x_at | H3F3B | H3 histone, family 3B (H3.3B) | 1.72 |
| 211999_at | H3F3B | H3 histone, family 3B (H3.3B) | 1.63 |
| 212003_at | C1orf144 | chromosome 1 open reading frame 144 | 1.27 |
| 212008_at | UBXD2 | UBX domain containing 2 | 2.16 |
| 212009_s_at | STIP1 | stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein) | 1.57 |
| 212016_s_at | PTBP1 | polypyrimidine tract binding protein 1 | 1.53 |

| | | | |
|-------------|---------|--|-----------|
| 212022_s_at | MKI67 | antigen identified by monoclonal antibody Ki-67 | - 1.46 |
| 212024_x_at | FLII | flightless I homolog (Drosophila) | 1.37 |
| 212035_s_at | EXOC7 | exocyst complex component 7 | - 1.35 |
| 212081_x_at | BAT2 | HLA-B associated transcript 2 | 1.56 |
| 212085_at | SLC25A6 | solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6 | 1.91 |

| | | | |
|-------------|-------|---|-----------|
| 212090_at | GRINA | glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding) | 1.56 |
| 212108_at | UBXD8 | UBX domain containing 8 | 1.53 |
| 212121_at | TCTN3 | tectonic family member 3 | 1.72 |
| 212129_at | NIPA2 | non imprinted in Prader- Willi/Angelman syndrome 2 | 1.55 |
| 212137_at | LARP1 | La ribonucleoprotein domain family, member 1 | 1.49 |
| 212159_x_at | AP2A2 | adaptor-related protein complex 2, alpha 2 subunit | 1.61 |
| 212161_at | AP2A2 | adaptor-related protein complex 2, alpha 2 subunit | - 1.31 |
| 212169_at | FKBP9 | FK506 binding protein 9, 63 kDa | 1.47 |

| | | | |
|-------------|-----------|--|------|
| 212174_at | AK2 | adenylate kinase 2 | 1.46 |
| 212191_x_at | LOC388344 | similar to ribosomal protein L13 | 1.52 |
| 212194_s_at | TM9SF4 | transmembrane 9 superfamily protein member 4 | 1.85 |
| 212203_x_at | IFITM3 | interferon induced transmembrane protein 3 (1-8U) | 1.75 |
| 212210_at | INTS1 | integrator complex subunit 1 | 1.57 |
| 212214_at | OPA1 | optic atrophy 1 (autosomal dominant) | 2.08 |
| 212227_x_at | EIF1 | eukaryotic translation initiation factor 1 | 1.72 |
| 212228_s_at | COQ9 | coenzyme Q9 homolog (S. cerevisiae) | 1.57 |
| 212248_at | MTDH | metadherin | 1.72 |
| 212273_x_at | GNAS | GNAS complex locus | 1.86 |

| | | | |
|-------------|----------|--|------|
| 212296_at | PSMD14 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 14 | 1.84 |
| 212299_at | NEK9 | NIMA (never in mitosis gene a)-related kinase 9 | 1.4 |
| 212302_at | RTF1 | Rtf1, Paf1/RNA polymerase II complex component, homolog (<i>S. cerevisiae</i>) | 1.48 |
| 212305_s_at | MIA3 | melanoma inhibitory activity family, member 3 | 2.23 |
| 212311_at | KIAA0746 | KIAA0746 protein | 2.47 |
| 212348_s_at | AOF2 | amine oxidase (flavin containing) domain 2 | 1.54 |
| 212355_at | KIAA0323 | KIAA0323 | 1.6 |

| | | | |
|-------------|---------|---|-----------|
| 212362_at | ATP2A2 | ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2 | - 1.43 |
| 212390_at | PDE4DIP | phosphodiesterase 4D interacting protein (myomegalin) | 1.79 |
| 212411_at | IMP4 | IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast) | 1.73 |
| 212415_at | 6-Sep | septin 6 | 2.08 |
| 212433_x_at | RPS2 | ribosomal protein S2 | 1.58 |

| | | | |
|-------------|----------|---|------|
| | | | |
| 212436_at | TRIM33 | tripartite motif-containing 33 | 1.52 |
| 212447_at | KBTBD2 | kelch repeat and BTB (POZ) domain containing 2 | 1.6 |
| 212486_s_at | FYN | FYN oncogene related to SRC, FGR, YES | 1.98 |
| 212491_s_at | DNAJC8 | DnaJ (Hsp40) homolog, subfamily C, member 8 | 1.55 |
| 212497_at | C14orf32 | chromosome 14 open reading frame 32 | 1.48 |
| 212502_at | C10orf22 | chromosome 10 open reading frame 22 | 1.67 |

| | | | |
|-------------|---------|--|------|
| 212530_at | NEK7 | NIMA (never in mitosis gene a)- related kinase 7 | 1.52 |
| 212556_at | SCRIB | scribbled homolog (Drosophila) | 1.63 |
| 212576_at | MGRN1 | mahogunin, ring finger 1 | 1.66 |
| 212584_at | AQR | aquarius homolog (mouse) | 1.91 |
| 212599_at | AUTS2 | autism susceptibility candidate 2 | 1.68 |
| 212613_at | BTN3A2 | butyrophilin, subfamily 3, member A2 | 1.65 |
| 212622_at | TMEM41B | transmembrane protein 41B | 1.5 |
| 212623_at | TMEM41B | transmembrane protein 41B | 1.93 |
| 212626_x_at | HNRNPC | heterogeneous nuclear ribonucleoprotein C (C1/C2) | 1.4 |

| | | | |
|-------------|---------|--|-----------|
| 212649_at | DHX29 | DEAH (Asp-Glu-Ala-His) box polypeptide 29 | 1.62 |
| 212676_at | NF1 | neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease) | 1.52 |
| 212678_at | NF1 | neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease) | 1.66 |
| 212708_at | MSL-1 | male-specific lethal-1 homolog | 1.71 |
| 212710_at | CAMSAP1 | calmodulin regulated spectrin-associated protein 1 | - 1.34 |
| 212739_s_at | NME4 | non-metastatic cells 4, protein expressed in | 1.8 |
| 212782_x_at | POLR2J | polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa | 1.81 |

| | | | |
|-------------|----------|---|------|
| 212785_s_at | LARP7 | La ribonucleoprotein domain family, member 7 | 1.44 |
| 212825_at | PAXIP1 | PAX interacting (with transcription-activation domain) protein 1 | 1.59 |
| 212833_at | SLC25A46 | solute carrier family 25, member 46 | 1.87 |
| 212851_at | DCUN1D4 | DCN1, defective in cullin neddylation 1, domain containing 4 (<i>S. cerevisiae</i>) | 1.5 |
| 212881_at | PIAS4 | protein inhibitor of activated STAT, 4 | 1.29 |
| 212896_at | SKIV2L2 | superkiller viralicidic activity 2-like 2 (<i>S. cerevisiae</i>) | 1.6 |
| 212908_at | DNAJC16 | DnaJ (Hsp40) homolog, subfamily C, member 16 | 1.88 |
| 212922_s_at | SMYD2 | SET and MYND domain containing 2 | 1.59 |

| | | | |
|-------------|----------|---|------|
| 212945_s_at | MGA | MAX gene associated | 1.43 |
| 212955_s_at | POLR2I | polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa | 1.56 |
| 212956_at | TBC1D9 | TBC1 domain family, member 9 (with GRAM domain) | 2.24 |
| 212961_x_at | CXorf40B | chromosome X open reading frame 40B | 1.77 |
| 212990_at | SYNJ1 | synaptojanin 1 | 1.71 |
| 212995_x_at | FAM128B | family with sequence similarity 128, member B | 1.39 |
| 212998_x_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | 3.41 |

| | | | |
|-------------|------------|---|-----------|
| 213028_at | NFRKB | nuclear factor related to kappaB binding protein | - 1.44 |
| 213048_s_at | SET | SET translocation (myeloid leukemia-associated) | 2.54 |
| 213100_at | | NA | - 1.36 |
| 213121_at | SNRP70 | small nuclear ribonucleoprotein 70kDa polypeptide (RNP antigen) | - 1.63 |
| 213135_at | TIAM1 | T-cell lymphoma invasion and metastasis 1 | 1.88 |
| 213142_x_at | tcag7.1314 | hypothetical protein LOC54103 | 2.37 |
| 213152_s_at | SFRS2B | splicing factor, arginine/serine- rich 2B | 1.36 |
| 213155_at | WSCD1 | WSC domain containing 1 | - |

| | | | |
|-------------|----------|--|-----------|
| | | | 1.66 |
| 213161_at | C9orf97 | chromosome 9 open reading frame 97 | 1.44 |
| 213166_x_at | FAM128A | family with sequence similarity 128, member A | 1.46 |
| 213175_s_at | SNRPB | small nuclear ribonucleoprotein polypeptides B and B1 | 2.89 |
| 213193_x_at | TRBC1 | T cell receptor beta constant 1 | 2.14 |
| 213200_at | SYP | synaptophysin | - 2.18 |
| 213210_at | TAF6L | TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa | - 1.42 |
| 213224_s_at | LOC92482 | hypothetical protein LOC92482 | 1.88 |

| | | | |
|-------------|----------|---|------|
| | | | |
| 213239_at | C13orf24 | chromosome 13 open reading frame 24 | 1.63 |
| 213263_s_at | PCBP2 | poly(rC) binding protein 2 | 1.65 |
| 213289_at | SATL1 | spermidine/spermine N1-acetyl transferase-like 1 | 1.7 |
| 213292_s_at | SNX13 | sorting nexin 13 | 1.82 |
| 213293_s_at | TRIM22 | tripartite motif-containing 22 | 2.76 |
| 213294_at | | NA | 2.67 |
| 213305_s_at | PPP2R5C | protein phosphatase 2, regulatory subunit B', gamma isoform | 1.72 |
| 213312_at | C6orf162 | chromosome 6 open reading frame 162 | 1.92 |
| 213315_x_at | CXorf40A | chromosome X open reading frame 40A | 2.04 |

| | | | |
|-------------|--------|---|------|
| 213318_s_at | BAT3 | HLA-B associated transcript 3 | 1.41 |
| 213320_at | PRMT3 | protein arginine methyltransferase 3 | 1.75 |
| 213326_at | VAMP1 | vesicle-associated membrane protein 1 (synaptobrevin 1) | 1.63 |
| 213342_at | YAP1 | Yes-associated protein 1, 65kDa | 1.61 |
| 213345_at | NFATC4 | nuclear factor of activated T- cells, cytoplasmic, calcineurin- dependent 4 | -1.6 |
| 213350_at | RPS11 | ribosomal protein S11 | 1.58 |
| 213364_s_at | SNX1 | sorting nexin 1 | 1.64 |
| 213373_s_at | CASP8 | caspase 8, apoptosis-related cysteine peptidase | 2 |
| 213389_at | ZNF592 | zinc finger protein 592 | -1.5 |
| 213392_at | IQCK | IQ motif containing K | 1.62 |

| | | | |
|-------------|----------|--|-----------|
| 213414_s_at | RPS19 | ribosomal protein S19 | 1.44 |
| 213415_at | CLIC2 | chloride intracellular channel 2 | 2.38 |
| 213416_at | CERKL | ceramide kinase-like | 2.29 |
| 213459_at | RPL37A | ribosomal protein L37a | 2.15 |
| 213463_s_at | KIAA0974 | KIAA0974 | 1.42 |
| 213465_s_at | PPP1R7 | protein phosphatase 1, regulatory (inhibitor) subunit 7 | 1.98 |
| 213483_at | PPWD1 | peptidylprolyl isomerase domain and WD repeat containing 1 | 1.82 |
| 213484_at | | NA | - 1.39 |
| 213492_at | COL2A1 | collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital) | - 1.18 |
| 213494_s_at | YY1 | YY1 transcription factor | 1.34 |

| | | | |
|-------------|----------|---|-----------|
| 213514_s_at | DIAPH1 | diaphanous homolog 1 (Drosophila) | - 1.43 |
| 213521_at | PTPN18 | protein tyrosine phosphatase, non-receptor type 18 (brain- derived) | - 1.41 |
| 213527_s_at | ZNF688 | zinc finger protein 688 | 1.39 |
| 213528_at | C1orf156 | chromosome 1 open reading frame 156 | 1.54 |
| 213529_at | ZNF688 | zinc finger protein 688 | - 1.98 |
| 213548_s_at | CDV3 | CDV3 homolog (mouse) | 1.83 |
| 213559_s_at | ZNF467 | zinc finger protein 467 | - 1.39 |
| 213563_s_at | TUBGCP2 | tubulin, gamma complex associated protein 2 | - 1.88 |
| 213592_at | AGTRL1 | angiotensin II receptor-like 1 | - 1.56 |
| 213594_x_at | FUSIP1 | FUS interacting protein (serine/arginine-rich) 1 | 1.89 |

| | | | |
|-------------|----------|---|-----------|
| | | | |
| 213595_s_at | CDC42BPA | CDC42 binding protein kinase alpha (DMPK-like) | - 1.35 |
| 213603_s_at | RAC2 | ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2) | 2.07 |
| 213619_at | HNRPH1 | heterogeneous nuclear ribonucleoprotein H1 (H) | 2.14 |
| 213642_at | | NA | 2.93 |
| 213655_at | PAFAH1B1 | platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa | 2.29 |
| 213658_at | ZNF710 | zinc finger protein 710 | - 1.25 |
| 213660_s_at | TOP3B | topoisomerase (DNA) III beta | - 1.38 |

| | | | |
|-------------|----------|--|-----------|
| 213669_at | FCHO1 | FCH domain only 1 | -2 |
| 213676_at | C6orf137 | chromosome 6 open reading frame 137 | - 1.28 |
| 213698_at | ZMYM6 | zinc finger, MYM-type 6 | 2.48 |
| 213707_s_at | DLX5 | distal-less homeobox 5 | - 1.25 |
| 213711_at | KRT81 | keratin 81 | - 1.62 |
| 213734_at | RFC5 | replication factor C (activator 1) 5, 36.5kDa | 2.39 |
| 213743_at | CCNT2 | cyclin T2 | 1.64 |
| 213755_s_at | SKI | v-ski sarcoma viral oncogene homolog (avian) | - 1.59 |
| 213771_at | IRF2BP1 | interferon regulatory factor 2 binding protein 1 | - 1.45 |
| 213820_s_at | STARD5 | StAR-related lipid transfer (START) domain containing 5 | 1.66 |
| 213828_x_at | H3F3A | H3 histone, family 3A | 1.52 |

| | | | |
|-------------|---------|---|-----------|
| | | | |
| 213853_at | DPH4 | DPH4, JJJ3 homolog (S. cerevisiae) | 2.12 |
| 213872_at | C6orf62 | chromosome 6 open reading frame 62 | 7.5 |
| 213875_x_at | C6orf62 | chromosome 6 open reading frame 62 | 2.23 |
| 213879_at | | NA | 1.99 |
| 213882_at | TM2D1 | TM2 domain containing 1 | 1.49 |
| 213887_s_at | POLR2E | polymerase (RNA) II (DNA directed) polypeptide E, 25kDa | 2.39 |
| 213893_x_at | PMS2L1 | postmeiotic segregation increased 2-like 1 | 1.44 |
| 213900_at | C9orf61 | chromosome 9 open reading frame 61 | - 1.38 |
| 213911_s_at | H2AFZ | H2A histone family, member Z | 1.7 |

| | | | |
|-------------|----------|--|------|
| 213945_s_at | NUP210 | nucleoporin 210kDa | 1.27 |
| | | | - |
| 213966_at | HMG20B | high-mobility group 20B | 1.23 |
| 213988_s_at | SAT1 | spermidine/spermine N1-acetyltransferase 1 | 1.36 |
| 214007_s_at | TWF1 | twinfilin, actin-binding protein, homolog 1 (Drosophila) | 1.73 |
| 214022_s_at | IFITM2 | interferon induced transmembrane protein 2 (1-8D) | 2.55 |
| 214051_at | MGC39900 | hypothetical protein MGC39900 | 1.25 |
| | | | - |
| 214054_at | DOK2 | docking protein 2, 56kDa | 1.72 |
| | | | - |
| 214065_s_at | CIB2 | calcium and integrin binding family member 2 | 1.15 |

| | | | |
|-------------|-----------|---|-----------|
| 214066_x_at | NPR2 | natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B) | - 1.62 |
| 214071_at | MPPE1 | metallophosphoesterase 1 | 1.19 |
| 214086_s_at | PARP2 | poly (ADP-ribose) polymerase family, member 2 | 1.53 |
| 214101_s_at | LOC728896 | hypothetical protein LOC728896 | 1.7 |
| 214112_s_at | CXorf40A | chromosome X open reading frame 40A | 1.58 |
| 214134_at | C2orf55 | chromosome 2 open reading frame 55 | - 1.31 |
| 214141_x_at | SFRS7 | splicing factor, arginine/serine- rich 7, 35kDa | 2.18 |

| | | | |
|-------------|------------|--|-----------|
| 214145_s_at | SPTB | spectrin, beta, erythrocytic (includes spherocytosis, clinical type I) | - 1.67 |
| 214167_s_at | RPLP0-like | ribosomal protein P0-like | 1.77 |
| 214176_s_at | PBXIP1 | pre-B-cell leukemia homeobox interacting protein 1 | 1.59 |
| 214257_s_at | SEC22B | SEC22 vesicle trafficking protein homolog B (S. cerevisiae) | 2.2 |
| 214269_at | MFSD7 | major facilitator superfamily domain containing 7 | 1.21 |
| 214272_at | CYLD | cylindromatosis (turban tumor syndrome) | -1.3 |
| 214279_s_at | NDRG2 | NDRG family member 2 | 2.98 |
| 214292_at | ITGB4 | integrin, beta 4 | - |

| | | | |
|-------------|----------|---|-----------|
| | | | 1.46 |
| 214294_at | KIAA0485 | KIAA0485 protein | - 1.37 |
| 214297_at | CSPG4 | chondroitin sulfate proteoglycan 4 | - 1.19 |
| 214301_s_at | DPYSL4 | dihydropyrimidinase-like 4 | - 1.52 |
| 214303_x_at | MUC5AC | mucin 5AC, oligomeric mucus/gel-forming | - 1.64 |
| 214304_x_at | DMN | desmuslin | - 1.38 |
| 214372_x_at | ERN2 | endoplasmic reticulum to nucleus signaling 2 | - 1.63 |
| 214385_s_at | MUC5AC | mucin 5AC, oligomeric mucus/gel-forming | - 1.39 |

| | | | |
|-------------|--------|---|-----------|
| | | | |
| 214398_s_at | IKBKE | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon | -1.5 |
| 214408_s_at | RFPL3S | ret finger protein-like 3 antisense | - 1.36 |
| 214412_at | H2AFB2 | H2A histone family, member B2 | - 1.38 |
| 214420_s_at | CYP2C9 | cytochrome P450, family 2, subfamily C, polypeptide 9 | 2.14 |
| 214422_at | RAD23B | RAD23 homolog B (S. cerevisiae) | 1.38 |
| 214423_x_at | ALDOB | aldolase B, fructose-bisphosphate | 1.67 |
| 214430_at | GLA | galactosidase, alpha | 1.53 |
| 214453_s_at | IFI44 | interferon-induced protein 44 | 3.81 |
| 214459_x_at | HLA-C | major histocompatibility | 1.9 |

| | | | |
|-------------|--------|---|-----------|
| | | complex, class I, C | |
| 214473_x_at | PMS2L3 | postmeiotic segregation increased 2-like 3 | 1.27 |
| 214484_s_at | OPRS1 | opioid receptor, sigma 1 | 1.68 |
| 214485_at | ODF1 | outer dense fiber of sperm tails 1 | - 1.68 |
| 214487_s_at | RAP2B | RAP2B, member of RAS oncogene family | 1.32 |
| 214495_at | CACNG2 | calcium channel, voltage- dependent, gamma subunit 2 | - 1.38 |
| 214500_at | H2AFY | H2A histone family, member Y | 1.7 |
| 214524_at | GHRH | growth hormone releasing hormone | - 1.35 |
| 214527_s_at | PQBPI | polyglutamine binding protein 1 | 1.9 |

| | | | |
|-------------|---------|---|-----------|
| 214548_x_at | GNAS | GNAS complex locus | 1.94 |
| 214553_s_at | ARPP-19 | cyclic AMP phosphoprotein, 19 kD | 1.6 |
| 214567_s_at | XCL2 | chemokine (C motif) ligand 2 | 1.58 |
| 214578_s_at | ROCK1 | Rho-associated, coiled-coil containing protein kinase 1 | 1.44 |
| 214594_x_at | ATP8B1 | ATPase, Class I, type 8B, member 1 | - 3.83 |
| 214595_at | KCNG1 | potassium voltage-gated channel, subfamily G, member 1 | - 1.55 |
| 214617_at | PRF1 | perforin 1 (pore forming protein) | 1.63 |
| 214625_s_at | MINK1 | misshapen-like kinase 1 (zebrafish) | - 1.37 |
| 214630_at | CYP11B2 | cytochrome P450, family 11, subfamily B, polypeptide 2 | 1.7 |

| | | | |
|-------------|-----------|---|-----------|
| 214637_at | OSM | oncostatin M | - 1.69 |
| 214643_x_at | BIN1 | bridging integrator 1 | - 1.29 |
| 214647_s_at | HFE | hemochromatosis | 1.3 |
| 214649_s_at | MTMR2 | myotubularin related protein 2 | 1.39 |
| 214699_x_at | WIPI2 | WD repeat domain, phosphoinositide interacting 2 | -1.8 |
| 214701_s_at | FN1 | fibronectin 1 | 1.98 |
| 214712_at | LOC730092 | RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae) pseudogene | 1.14 |
| 214721_x_at | CDC42EP4 | CDC42 effector protein (Rho GTPase binding) 4 | 2.06 |
| 214737_x_at | HNRNPC | heterogeneous nuclear ribonucleoprotein C (C1/C2) | 1.44 |

| | | | |
|-------------|-----------|------------------------------------|------|
| | | | |
| 214768_x_at | IGKC | immunoglobulin kappa constant | 5.62 |
| | | | - |
| 214818_at | CCDC57 | coiled-coil domain containing 57 | 1.39 |
| | | | - |
| 214824_at | | NA | 1.43 |
| | | | |
| 214830_at | SLC38A6 | solute carrier family 38, member 6 | 1.95 |
| | | | |
| 214831_at | MED28 | mediator complex subunit 28 | 1.39 |
| | | | - |
| 214839_at | LOC157627 | hypothetical protein LOC157627 | 1.53 |
| | | | - |
| 214840_at | TOM1L2 | target of myb1-like 2 (chicken) | 1.35 |
| | | | |
| 214871_x_at | | NA | -1.6 |

| | | | |
|-------------|-------|---|-----------|
| 214875_x_at | APLP2 | amyloid beta (A4) precursor-like protein 2 | 1.72 |
| 214880_x_at | CALD1 | caldesmon 1 | 1.67 |
| 214882_s_at | SFRS2 | splicing factor, arginine/serine-rich 2 | 1.94 |
| 214883_at | THRA | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian) | -1.5 |
| 214893_x_at | HCN2 | hyperpolarization activated cyclic nucleotide-gated potassium channel 2 | - 1.52 |
| 214916_x_at | IL8 | interleukin 8 | 3.13 |

| | | | |
|-------------|-----------|--|-----------|
| | | | |
| 214932_at | KIDINS220 | kinase D-interacting substrate of 220 kDa | - 1.18 |
| 214934_at | ATP9B | ATPase, Class II, type 9B | 1.51 |
| 214943_s_at | RBM34 | RNA binding motif protein 34 | 1.38 |
| 214949_at | | NA | 1.55 |
| 214950_at | IL9R | interleukin 9 receptor | - 1.44 |
| 214959_s_at | API5 | apoptosis inhibitor 5 | 1.74 |

| | | | |
|-------------|-----------|--|-----------|
| 214968_at | DDX51 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 51 | -1.4 |
| 214969_at | MAP3K9 | mitogen-activated protein kinase kinase kinase 9 | - 1.32 |
| 214990_at | PIGO | phosphatidylinositol glycan anchor biosynthesis, class O | - 1.76 |
| 214999_s_at | RAB11FIP3 | RAB11 family interacting protein 3 (class II) | - 1.64 |
| 215015_at | CCDC64 | coiled-coil domain containing 64 | - 1.46 |
| 215054_at | EPOR | erythropoietin receptor | 1.47 |
| 215061_at | LOC399818 | similar to CG9643-PA | -1.5 |
| 215137_at | KIAA0508 | KIAA0508 protein | -1.3 |
| 215150_at | YOD1 | YOD1 OTU deubiquinating enzyme 1 homolog (S. | 1.13 |

| | | | |
|-------------|----------|---|-----------|
| | | cerevisiae) | |
| 215161_at | CAMK1G | calcium/calmodulin-dependent protein kinase IG | - 1.51 |
| 215180_at | | NA | - 1.57 |
| 215189_at | KRT86 | keratin 86 | - 1.32 |
| 215196_at | LOC91316 | similar to bK246H3.1 (immunoglobulin lambda-like polypeptide 1, pre-B-cell specific) | - 1.43 |
| 215216_at | VPS16 | vacuolar protein sorting 16 homolog (<i>S. cerevisiae</i>) | - 1.24 |
| 215236_s_at | PICALM | phosphatidylinositol binding clathrin assembly protein | 2.55 |
| 215238_s_at | DOCK9 | dedicator of cytokinesis 9 | - 1.35 |

| | | | |
|-------------|---------|--|-----------|
| 215243_s_at | GJB3 | gap junction protein, beta 3, 31kDa | - 1.47 |
| 215252_at | DNAJC7 | DnaJ (Hsp40) homolog, subfamily C, member 7 | - 1.83 |
| 215260_s_at | TCF3 | transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) | - 1.41 |
| 215265_at | EMX1 | empty spiracles homeobox 1 | - 1.42 |
| 215267_s_at | SLC8A2 | solute carrier family 8 (sodium- calcium exchanger), member 2 | - 2.03 |
| 215274_at | SLC12A3 | solute carrier family 12 (sodium/chloride transporters), member 3 | - 1.65 |
| 215292_s_at | MKL1 | megakaryoblastic leukemia (translocation) 1 | - 1.96 |
| 215323_at | LUZP2 | leucine zipper protein 2 | - |

| | | | |
|-------------|-----------|--|-----------|
| | | | 1.33 |
| 215328_at | KIAA0953 | KIAA0953 | - 1.68 |
| 215332_s_at | CD8B | CD8b molecule | 1.18 |
| 215340_at | ADCY1 | adenylate cyclase 1 (brain) | -1.3 |
| 215341_at | LOC200383 | similar to Dynein heavy chain at 16F | - 1.42 |
| 215344_at | | NA | - 1.35 |
| 215351_at | RTCD1 | RNA terminal phosphate cyclase domain 1 | 1.22 |
| 215353_at | GIMAP5 | GTPase, IMAP family member 5 | - 1.45 |
| 215384_s_at | MAP1A | microtubule-associated protein 1A | - 1.68 |
| 215397_x_at | THSD4 | thrombospondin, type I, domain containing 4 | - 1.46 |

| | | | |
|-------------|-----------|--|-----------|
| | | | - |
| 215400_x_at | ADCY9 | adenylate cyclase 9 | 1.33 |
| 215404_x_at | FGFR1 | fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome) | - 2.37 |
| 215420_at | IHH | Indian hedgehog homolog (Drosophila) | - 1.91 |
| 215424_s_at | SNW1 | SNW domain containing 1 | 1.88 |
| 215429_s_at | ZNF428 | zinc finger protein 428 | 1.45 |
| 215430_at | GK2 | glycerol kinase 2 | - 1.27 |
| 215450_at | SNRPE | small nuclear ribonucleoprotein polypeptide E | 3.26 |
| 215462_at | LOC149478 | hypothetical protein LOC149478 | - 1.54 |

| | | | |
|-------------|---------|---|-----------|
| 215464_s_at | TAX1BP3 | Tax1 (human T-cell leukemia virus type I) binding protein 3 | 1.58 |
| 215493_x_at | BTN2A1 | butyrophilin, subfamily 2, member A1 | 1.49 |
| 215495_s_at | SAMD4A | sterile alpha motif domain containing 4A | 1.65 |
| 215502_at | | NA | - 1.73 |
| 215512_at | 6-Mar | membrane-associated ring finger (C3HC4) 6 | 1.27 |
| 215524_x_at | YME1L1 | YME1-like 1 (<i>S. cerevisiae</i>) | 1.17 |
| 215527_at | KHDRBS2 | KH domain containing, RNA binding, signal transduction associated 2 | - 1.37 |
| 215541_s_at | DIAPH1 | diaphanous homolog 1 (<i>Drosophila</i>) | - 1.64 |

| | | | |
|-------------|----------|---|-----------|
| 215553_x_at | WDR45 | WD repeat domain 45 | - 2.12 |
| 215557_at | SCD5 | stearoyl-CoA desaturase 5 | - 1.83 |
| 215564_at | AREG | amphiregulin (schwannoma-derived growth factor) | 1.08 |
| 215568_x_at | LYPLA2 | lysophospholipase II | - 1.75 |
| 215594_at | | NA | - 1.44 |
| 215608_at | | NA | -1.9 |
| 215616_s_at | JMJD2B | jumonji domain containing 2B | - 1.47 |
| 215632_at | NEUROG2 | neurogenin 2 | - 1.18 |
| 215644_at | ZNF518 | zinc finger protein 518 | - 1.25 |
| 215667_x_at | PMS2L1 | postmeiotic segregation increased 2-like 1 | 1.46 |
| 215680_at | KIAA1654 | KIAA1654 protein | - |

| | | | |
|-------------|---------|---|-----------|
| | | | 1.39 |
| 215685_s_at | DLX2 | distal-less homeobox 2 | - 1.69 |
| 215705_at | PPP5C | protein phosphatase 5, catalytic subunit | - 1.38 |
| 215707_s_at | PRNP | prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia) | 1.61 |
| 215714_s_at | SMARCA4 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 | 1.38 |
| 215719_x_at | FAS | Fas (TNF receptor superfamily, member 6) | 2.7 |

| | | | |
|-------------|---------|--|-----------|
| 215809_at | CYP2D6 | cytochrome P450, family 2, subfamily D, polypeptide 6 | - 1.43 |
| 215827_x_at | CROCCL2 | ciliary rootlet coiled-coil, rootletin-like 2 | - 1.61 |
| 215829_at | SHANK2 | SH3 and multiple ankyrin repeat domains 2 | - 1.21 |
| 215832_x_at | PICALM | phosphatidylinositol binding clathrin assembly protein | 1.66 |
| 215839_at | LILRA5 | leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5 | -1.5 |
| 215865_at | SYT12 | synaptotagmin XII | - 1.43 |
| 215916_at | MINK1 | misshapen-like kinase 1 (zebrafish) | -1.2 |

| | | | |
|-------------|---------|--|-----------|
| 215927_at | ARFGEF2 | ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited) | - 1.43 |
| 215928_at | ABLIM2 | actin binding LIM protein family, member 2 | -1.6 |
| 215952_s_at | OAZ1 | ornithine decarboxylase antizyme 1 | 1.95 |
| 215972_at | PART1 | prostate androgen-regulated transcript 1 | - 1.63 |
| 215977_x_at | GK | glycerol kinase | 2.11 |
| 216003_at | CDRT1 | CMT1A duplicated region transcript 1 | - 1.29 |
| 216019_x_at | PHLDB1 | pleckstrin homology-like domain, family B, member 1 | - 1.47 |
| 216023_at | JMJD2B | jumonji domain containing 2B | - 1.65 |
| 216026_s_at | POLE | polymerase (DNA directed), | - |

| | | | |
|-------------|-----------|---|-----------|
| | | epsilon | 1.37 |
| 216041_x_at | GRN | granulin | 1.72 |
| 216042_at | TNFRSF25 | tumor necrosis factor receptor superfamily, member 25 | - 1.63 |
| 216046_at | PDE8A | phosphodiesterase 8A | - 1.28 |
| 216098_s_at | HTR7P | 5-hydroxytryptamine (serotonin) receptor 7 pseudogene | - 1.18 |
| 216106_at | LOC145678 | hypothetical protein LOC145678 | - 1.48 |
| 216137_s_at | MAPK8IP3 | mitogen-activated protein kinase 8 interacting protein 3 | - 1.51 |
| 216180_s_at | SYNJ2 | synaptojanin 2 | 1.71 |
| 216186_at | C1orf20 | chromosome 1 open reading frame 20 | - 1.33 |

| | | | |
|-------------|--------|--|-----------|
| 216190_x_at | ITGB1 | integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) | 1.12 |
| 216202_s_at | SPTLC2 | serine palmitoyltransferase, long chain base subunit 2 | 1.52 |
| 216204_at | COMT | catechol-O-methyltransferase | - 1.35 |
| 216206_x_at | MAP2K7 | mitogen-activated protein kinase kinase 7 | - 2.07 |
| 216210_x_at | TRIOBP | TRIO and F-actin binding protein | 1.71 |
| 216216_at | SLIT3 | slit homolog 3 (Drosophila) | -1.2 |
| 216220_s_at | ADORA1 | adenosine A1 receptor | - 1.81 |
| 216246_at | | NA | 1.43 |

| | | | |
|-------------|---------|---|-----------|
| 216252_x_at | FAS | Fas (TNF receptor superfamily, member 6) | 2.04 |
| 216262_s_at | TGIF2 | TGFB-induced factor homeobox 2 | - 1.51 |
| 216266_s_at | ARFGEF1 | ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited) | 1.58 |
| 216290_x_at | DPP6 | dipeptidyl-peptidase 6 | - 1.47 |
| 216293_at | CLTA | clathrin, light chain (Lca) | - 1.39 |
| 216301_at | | NA | -1.7 |
| 216304_x_at | YME1L1 | YME1-like 1 (<i>S. cerevisiae</i>) | 1.47 |

| | | | |
|-------------|-----------|--|-----------|
| 216340_s_at | CYP2A7P1 | cytochrome P450, family 2, subfamily A, polypeptide 7 pseudogene 1 | - 1.43 |
| 216366_x_at | | NA | - 1.52 |
| 216380_x_at | LOC728453 | similar to 40S ribosomal protein S28 | - 1.37 |
| 216395_at | FBXL18 | F-box and leucine-rich repeat protein 18 | - 1.53 |
| 216450_x_at | HSP90B1 | heat shock protein 90kDa beta (Grp94), member 1 | 4.1 |
| 216455_at | FLJ00049 | FLJ00049 protein | - 1.34 |
| 216479_at | LOC387753 | similar to 60S ribosomal protein L21 | - 1.56 |
| 216483_s_at | C19orf10 | chromosome 19 open reading frame 10 | 1.9 |

| | | | |
|-------------|-----------|---|-----------|
| 216490_x_at | LOC442175 | similar to 60S acidic ribosomal protein P2 (NY-REN-44 antigen) | - 1.52 |
| 216491_x_at | IGHM | immunoglobulin heavy constant mu | 3.82 |
| 216499_at | | NA | - 1.42 |
| 216503_s_at | MLLT10 | myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10 | 1.31 |
| 216510_x_at | ZCWPW2 | zinc finger, CW type with PWWP domain 2 | 3.22 |
| 216511_s_at | TCF7L2 | transcription factor 7-like 2 (T-cell specific, HMG-box) | 1.74 |
| 216535_at | CADM3 | cell adhesion molecule 3 | - |

| | | | |
|-------------|-----------|--|-----------|
| | | | 1.63 |
| 216541_x_at | IGHV1-69 | immunoglobulin heavy variable 1-69 | 1.64 |
| 216546_s_at | CHI3L1 | chitinase 3-like 1 (cartilage glycoprotein-39) | - 1.41 |
| 216557_x_at | IFI6 | interferon, alpha-inducible protein 6 | 2.3 |
| 216559_x_at | LOC120364 | similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix- destabilizing protein) (Single- strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomerase-inhibitor suppressed) | - 1.43 |

| | | | |
|-------------|----------|---|-----------|
| 216563_at | ANKRD12 | ankyrin repeat domain 12 | 2.22 |
| 216606_x_at | LYPLA2P1 | lysophospholipase II pseudogene 1 | - 1.41 |
| 216641_s_at | LAD1 | ladinin 1 | 1.4 |
| 216656_at | | NA | - 1.51 |
| 216658_at | | NA | - 1.76 |
| 216668_at | | NA | - 1.56 |
| 216671_x_at | MUC8 | mucin 8 | - 1.64 |
| 216678_at | IFT122 | intraflagellar transport 122 homolog (Chlamydomonas) | - 1.56 |
| 216688_at | SH3TC1 | SH3 domain and tetratricopeptide repeats 1 | - 1.33 |
| 216694_at | | NA | - 1.39 |

| | | | |
|-------------|---------|---|-----------|
| 216698_x_at | OR7E47P | olfactory receptor, family 7, subfamily E, member 47 pseudogene | - 1.66 |
| 216726_at | VENTXP1 | VENT homeobox (Xenopus laevis) pseudogene 1 | - 1.23 |
| 216747_at | APBB2 | amyloid beta (A4) precursor protein-binding, family B, member 2 (Fe65-like) | - 1.85 |
| 216771_at | | NA | - 1.29 |
| 216776_at | BCAP29 | B-cell receptor-associated protein 29 | - 1.26 |
| 216789_at | | NA | - 1.74 |
| 216792_at | | NA | - 1.27 |
| 216797_at | | NA | - 1.24 |
| 216800_at | | NA | - |

| | | | |
|-------------|---------|--|-----------|
| | | | 1.23 |
| 216832_at | RUNX1T1 | runt-related transcription factor 1; translocated to, 1 (cyclin D-related) | - 1.43 |
| 216843_x_at | PMS2L1 | postmeiotic segregation increased 2-like 1 | 1.39 |
| 216844_at | ZC3H7B | zinc finger CCCH-type containing 7B | - 1.66 |
| 216912_at | ARHGEF4 | Rho guanine nucleotide exchange factor (GEF) 4 | -1.5 |
| 216935_at | C1orf46 | chromosome 1 open reading frame 46 | - 1.37 |
| 216943_at | | NA | - 1.36 |
| 216959_x_at | NRCAM | neuronal cell adhesion molecule | - 1.34 |
| 216963_s_at | GAP43 | growth associated protein 43 | - 1.78 |

| | | | |
|-------------|--------|---|------|
| 216977_x_at | SNRPA1 | small nuclear ribonucleoprotein polypeptide A' | 1.78 |
| 217018_at | | NA | -1.2 |
| 217019_at | | NA | - |
| 217030_at | | NA | 1.43 |
| 217039_x_at | IGHG1 | immunoglobulin heavy constant gamma 1 (G1m marker) | -1.5 |
| 217040_x_at | SOX15 | SRY (sex determining region Y)-box 15 | - |
| 217041_at | NPTXR | neuronal pentraxin receptor | 1.53 |
| 217055_x_at | | NA | - |
| 217062_at | DMPK | dystrophia myotonica-protein kinase | 1.89 |
| 217071_s_at | MTHFR | 5,10-methylenetetrahydrofolate reductase (NADPH) | - |
| 217072_at | CD300A | CD300a molecule | 1.64 |
| | | | - |
| | | | 1.35 |

| | | | |
|-------------|-----------|--|------|
| 217074_at | SMOX | spermine oxidase | 1.74 |
| | | natural cytotoxicity triggering | - |
| 217095_x_at | NCR1 | receptor 1 | 1.36 |
| | | calcium/calmodulin-dependent | - |
| 217128_s_at | CAMK1G | protein kinase IG | 1.33 |
| | | similar to Elongation FacTor | - |
| 217142_at | LOC442215 | family member (eft-4) | 1.42 |
| | | | - |
| 217144_at | LOC648390 | similar to ubiquitin B precursor | 2.19 |
| | | | - |
| 217153_at | ARHGAP1 | Rho GTPase activating protein 1 | 1.21 |
| | | | - |
| 217163_at | ESR1 | estrogen receptor 1 | 1.27 |
| | | | - |
| 217208_s_at | DLG1 | discs, large homolog 1 (Drosophila) | 1.44 |
| 217216_x_at | MLH3 | mutL homolog 3 (E. coli) | 1.37 |
| 217234_s_at | VIL2 | villin 2 (ezrin) | 1.98 |
| | | DiGeorge syndrome critical | - |
| 217275_at | DGCR14 | region gene 14 | 1.39 |

| | | | |
|-------------|-----------|---|------|
| | | | |
| 217286_s_at | NDRG3 | NDRG family member 3 | 1.49 |
| 217325_at | KRT3 | keratin 3 | 2.04 |
| 217336_at | LOC133569 | similar to ribosomal protein S10 | 1.58 |
| 217341_at | DNM1 | dynamamin 1 | 1.66 |
| 217393_x_at | UBE2NL | ubiquitin-conjugating enzyme E2N-like | 1.32 |
| 217401_at | | NA | 1.38 |
| 217403_s_at | ZNF227 | zinc finger protein 227 | 1.26 |
| 217408_at | MRPS18B | mitochondrial ribosomal protein S18B | 1.65 |
| 217427_s_at | HIRA | HIR histone cell cycle regulation defective homolog A (S. cerevisiae) | 1.91 |

| | | | |
|-------------|-----------|---|-----------|
| 217436_x_at | LOC730399 | hypothetical protein LOC730399 | 2.12 |
| 217446_x_at | | NA | - 2.09 |
| 217492_s_at | PTENP1 | phosphatase and tensin homolog (mutated in multiple advanced cancers 1), pseudogene 1 | 1.9 |
| 217495_x_at | CALCA | calcitonin/calcitonin-related polypeptide, alpha | - 1.75 |
| 217506_at | LOC400642 | hypothetical gene supported by BC041875; BX648984 | 2.01 |
| 217510_at | CRX | cone-rod homeobox | - 1.34 |
| 217589_at | RAB40A | RAB40A, member RAS oncogene family | - 1.33 |

| | | | |
|-------------|--------|--|-----------|
| | | | |
| 217596_at | UPF3A | UPF3 regulator of nonsense transcripts homolog A (yeast) | - 1.21 |
| 217606_at | | NA | - 1.38 |
| 217646_at | SURF1 | surfeit 1 | - 1.19 |
| 217679_x_at | | NA | - 2.64 |
| 217688_at | ADCY2 | adenylate cyclase 2 (brain) | - 1.66 |
| 217702_at | IL27RA | interleukin 27 receptor, alpha | - 2.07 |
| 217703_x_at | SPON1 | spondin 1, extracellular matrix protein | - 1.71 |
| 217706_at | LRRC51 | leucine rich repeat containing 51 | - 1.78 |

| | | | |
|-------------|---------|---|-----------|
| 217711_at | TEK | TEK tyrosine kinase, endothelial (venous malformations, multiple cutaneous and mucosal) | - 1.96 |
| 217716_s_at | SEC61A1 | Sec61 alpha 1 subunit (S. cerevisiae) | 1.64 |
| 217747_s_at | RPS9 | ribosomal protein S9 | 1.55 |
| 217755_at | HN1 | hematological and neurological expressed 1 | 1.45 |
| 217797_at | UFC1 | ubiquitin-fold modifier conjugating enzyme 1 | 1.53 |
| 217799_x_at | UBE2H | ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast) | -1.5 |

| | | | |
|-------------|---------|--|------|
| 217808_s_at | MAPKAP1 | mitogen-activated protein kinase associated protein 1 | 1.63 |
| 217814_at | CCDC47 | coiled-coil domain containing 47 | 2.07 |
| 217821_s_at | WBP11 | WW domain binding protein 11 | 1.88 |
| 217822_at | WBP11 | WW domain binding protein 11 | 1.6 |
| 217831_s_at | NSFL1C | NSFL1 (p97) cofactor (p47) | 1.4 |
| 217832_at | SYNCRIP | synaptotagmin binding, cytoplasmic RNA interacting protein | 1.86 |
| 217840_at | DDX41 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 | 1.53 |
| 217848_s_at | PPA1 | pyrophosphatase (inorganic) 1 | 1.68 |
| 217856_at | RBM8A | RNA binding motif protein 8A | 1.33 |
| 217861_s_at | PREB | prolactin regulatory element binding | 1.78 |

| | | | |
|-------------|-----------|---|------|
| 217890_s_at | PARVA | parvin, alpha | 1.52 |
| 217898_at | C15orf24 | chromosome 15 open reading frame 24 | 1.9 |
| 217907_at | MRPL18 | mitochondrial ribosomal protein L18 | 1.61 |
| 217917_s_at | DYNLRB1 | dynein, light chain, roadblock- type 1 | 2.22 |
| 217919_s_at | MRPL42 | mitochondrial ribosomal protein L42 | 2.57 |
| 217926_at | C19orf53 | chromosome 19 open reading frame 53 | 1.49 |
| 217933_s_at | LAP3 | leucine aminopeptidase 3 | 1.54 |
| 217940_s_at | FLJ10769 | hypothetical protein FLJ10769 | 1.52 |
| 217962_at | NOLA3 | nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs) | 1.71 |
| 217971_at | MAP2K1IP1 | mitogen-activated protein kinase kinase 1 interacting protein 1 | 1.79 |

| | | | |
|-------------|---------|---|------|
| 217978_s_at | UBE2Q1 | ubiquitin-conjugating enzyme E2Q (putative) 1 | 1.96 |
| 217980_s_at | MRPL16 | mitochondrial ribosomal protein L16 | 1.6 |
| 217983_s_at | RNASET2 | ribonuclease T2 | 2.3 |
| 217990_at | GMPR2 | guanosine monophosphate reductase 2 | 1.9 |
| 217992_s_at | EFHD2 | EF-hand domain family, member D2 | 1.47 |
| 217995_at | SQRDL | sulfide quinone reductase-like (yeast) | 1.72 |
| 218008_at | C7orf42 | chromosome 7 open reading frame 42 | 1.56 |
| 218014_at | NUP85 | nucleoporin 85kDa | 1.55 |
| 218016_s_at | POLR3E | polymerase (RNA) III (DNA directed) polypeptide E (80kD) | 1.75 |
| 218020_s_at | ZFAND3 | zinc finger, AN1-type domain 3 | 1.61 |

| | | | |
|-------------|-----------|--|------|
| 218028_at | ELOVL1 | elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1 | 2.07 |
| 218052_s_at | ATP13A1 | ATPase type 13A1 | 1.5 |
| 218057_x_at | COX4NB | COX4 neighbor | 1.79 |
| 218059_at | ZNF706 | zinc finger protein 706 | 1.84 |
| 218061_at | MEA1 | male-enhanced antigen 1 | 1.39 |
| 218074_at | FAM96B | family with sequence similarity 96, member B | 1.87 |
| 218084_x_at | FXYD5 | FXYD domain containing ion transport regulator 5 | 1.85 |
| 218097_s_at | CUEDC2 | CUE domain containing 2 | 1.75 |
| 218105_s_at | MRPL4 | mitochondrial ribosomal protein L4 | 1.59 |
| 218108_at | C14orf130 | chromosome 14 open reading frame 130 | 1.81 |
| 218129_s_at | NFYB | nuclear transcription factor Y, beta | 2 |

| | | | |
|-------------|----------|---|------|
| 218157_x_at | CDC42SE1 | CDC42 small effector 1 | 2.07 |
| 218160_at | NDUFA8 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa | 1.79 |
| 218190_s_at | UCRC | ubiquinol-cytochrome c reductase complex (7.2 kD) | 1.62 |
| 218193_s_at | GOLT1B | golgi transport 1 homolog B (S. cerevisiae) | 1.86 |
| 218209_s_at | P15RS | hypothetical protein FLJ10656 | 1.63 |
| 218216_x_at | ARL6IP4 | ADP-ribosylation-like factor 6 interacting protein 4 | 1.45 |
| 218218_at | APPL2 | adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2 | 1.62 |

| | | | |
|-------------|----------|---|------|
| 218220_at | C12orf10 | chromosome 12 open reading frame 10 | 1.42 |
| 218227_at | NUBP2 | nucleotide binding protein 2 (MinD homolog, E. coli) | 1.53 |
| 218231_at | NAGK | N-acetylglucosamine kinase | 1.5 |
| 218232_at | C1QA | complement component 1, q subcomponent, A chain | 2.25 |
| 218233_s_at | C6orf49 | chromosome 6 open reading frame 49 | 1.58 |
| 218249_at | ZDHHC6 | zinc finger, DHHC-type containing 6 | 1.49 |
| 218260_at | C19orf58 | chromosome 19 open reading frame 58 | 2.13 |
| 218264_at | BCCIP | BRCA2 and CDKN1A interacting protein | 1.56 |
| 218270_at | MRPL24 | mitochondrial ribosomal protein L24 | 1.57 |

| | | | |
|-------------|----------|---|-----------|
| 218278_at | WDR74 | WD repeat domain 74 | - 1.63 |
| 218297_at | C10orf97 | chromosome 10 open reading frame 97 | 1.34 |
| 218299_at | C11orf24 | chromosome 11 open reading frame 24 | 1.91 |
| 218307_at | RSAD1 | radical S-adenosyl methionine domain containing 1 | - 1.49 |
| 218312_s_at | ZSCAN18 | zinc finger and SCAN domain containing 18 | 1.9 |
| 218315_s_at | CDK5RAP1 | CDK5 regulatory subunit associated protein 1 | 1.54 |
| 218316_at | TIMM9 | translocase of inner mitochondrial membrane 9 homolog (yeast) | 1.41 |
| 218343_s_at | GTF3C3 | general transcription factor IIIC, polypeptide 3, 102kDa | 1.94 |

| | | | |
|-------------|---------|---|------|
| 218344_s_at | RCOR3 | REST corepressor 3 | 1.64 |
| 218352_at | RCBTB1 | regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1 | 1.81 |
| 218356_at | FTSJ2 | FtsJ homolog 2 (E. coli) | 1.69 |
| 218370_s_at | S100PBP | S100P binding protein | 1.63 |
| 218371_s_at | PSPC1 | paraspeckle component 1 | 1.75 |
| 218375_at | NUDT9 | nudix (nucleoside diphosphate linked moiety X)-type motif 9 | 1.63 |
| 218398_at | MRPS30 | mitochondrial ribosomal protein S30 | 2.15 |
| 218423_x_at | VPS54 | vacuolar protein sorting 54 homolog (S. cerevisiae) | 1.8 |
| 218439_s_at | COMMD10 | COMM domain containing 10 | 1.95 |

| | | | |
|-------------|-----------|---|------|
| 218462_at | BXDC5 | brix domain containing 5 | 1.81 |
| 218467_at | TNFSF5IP1 | tumor necrosis factor superfamily, member 5-induced protein 1 | 1.47 |
| 218470_at | YARS2 | tyrosyl-tRNA synthetase 2, mitochondrial | 1.25 |
| 218472_s_at | PELO | pelota homolog (Drosophila) | 2.25 |
| 218483_s_at | C11orf60 | chromosome 11 open reading frame 60 | 1.31 |
| 218488_at | EIF2B3 | eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa | 1.57 |
| 218495_at | UXT | ubiquitously-expressed transcript | 1.67 |
| 218512_at | WDR12 | WD repeat domain 12 | 1.62 |
| 218519_at | SLC35A5 | solute carrier family 35, member A5 | 1.8 |

| | | | |
|-------------|--------------|---|-----------|
| 218520_at | TBK1 | TANK-binding kinase 1 | 1.46 |
| 218526_s_at | RANGRF | RAN guanine nucleotide release factor | 1.66 |
| 218551_at | RP5-1077B9.4 | invasion inhibitory protein 45 | - 1.83 |
| 218561_s_at | LYRM4 | LYR motif containing 4 | 1.47 |
| 218563_at | NDUFA3 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa | 1.49 |
| 218576_s_at | DUSP12 | dual specificity phosphatase 12 | 1.44 |
| 218594_at | HEATR1 | HEAT repeat containing 1 | 1.76 |
| 218606_at | ZDHHC7 | zinc finger, DHHC-type containing 7 | 1.5 |

| | | | |
|-------------|----------|---|------|
| | | tumor suppressing | - |
| 218612_s_at | TSSC4 | subtransferable candidate 4 | 1.35 |
| 218615_s_at | TMEM39A | transmembrane protein 39A | 1.43 |
| 218616_at | INTS12 | integrator complex subunit 12 | 1.99 |
| 218622_at | NUP37 | nucleoporin 37kDa | 1.79 |
| 218628_at | CCDC53 | coiled-coil domain containing 53 | 1.6 |
| 218630_at | MKS1 | Meckel syndrome, type 1 | - |
| 218651_s_at | LARP6 | La ribonucleoprotein domain family, member 6 | 1.43 |
| 218654_s_at | MRPS33 | mitochondrial ribosomal protein S33 | 1.7 |
| 218661_at | FLJ14154 | hypothetical protein FLJ14154 | 1.34 |
| 218679_s_at | VPS28 | vacuolar protein sorting 28 homolog (<i>S. cerevisiae</i>) | 1.65 |

| | | | |
|-------------|----------|--|------|
| 218681_s_at | SDF2L1 | stromal cell-derived factor 2-like 1 | 1.68 |
| 218682_s_at | SLC4A1AP | solute carrier family 4 (anion exchanger), member 1, adaptor protein | 1.45 |
| 218686_s_at | RHBDF1 | rhomboid 5 homolog 1 (Drosophila) | 1.48 |
| 218711_s_at | SDPR | serum deprivation response (phosphatidylserine binding protein) | 2.3 |
| 218715_at | UTP6 | UTP6, small subunit (SSU) processome component, homolog (yeast) | 1.5 |
| 218718_at | PDGFC | platelet derived growth factor C | 1.82 |
| 218722_s_at | CCDC51 | coiled-coil domain containing 51 | 1.45 |
| 218746_at | TAPBPL | TAP binding protein-like | 1.91 |

| | | | |
|-------------|--------|---|-----------|
| 218761_at | RNF111 | ring finger protein 111 | 2.12 |
| 218769_s_at | ANKRA2 | ankyrin repeat, family A (RFXANK-like), 2 | 1.65 |
| 218812_s_at | ORAI2 | ORAI calcium release-activated calcium modulator 2 | - 1.29 |
| 218817_at | SPCS3 | signal peptidase complex subunit 3 homolog (S. cerevisiae) | 1.58 |
| 218827_s_at | CEP192 | centrosomal protein 192kDa | 1.35 |
| 218829_s_at | CHD7 | chromodomain helicase DNA binding protein 7 | 1.5 |
| 218841_at | ASB8 | ankyrin repeat and SOCS box- containing 8 | - 1.39 |
| 218863_s_at | TNS1 | tensin 1 | -1.9 |
| 218866_s_at | POLR3K | polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa | 1.5 |

| | | | |
|-------------|----------|--|-----------|
| 218916_at | ZNF768 | zinc finger protein 768 | - 1.75 |
| 218922_s_at | LASS4 | LAG1 homolog, ceramide synthase 4 | - 1.63 |
| 218932_at | C1orf181 | chromosome 1 open reading frame 181 | 2.03 |
| 218943_s_at | DDX58 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 | 1.66 |
| 218949_s_at | QRSL1 | glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1 | 1.31 |
| 218959_at | HOXC10 | homeobox C10 | - 1.38 |
| 218966_at | MYO5C | myosin VC | 1.74 |
| 218978_s_at | SLC25A37 | solute carrier family 25, member 37 | - 1.24 |
| 218986_s_at | FLJ20035 | hypothetical protein FLJ20035 | 2.61 |

| | | | |
|-------------|----------|---|-----------|
| 218987_at | ATF7IP | activating transcription factor 7 interacting protein | 1.6 |
| 218999_at | TMEM140 | transmembrane protein 140 | 1.82 |
| 219004_s_at | C21orf45 | chromosome 21 open reading frame 45 | - 1.35 |
| 219015_s_at | ALG13 | asparagine-linked glycosylation 13 homolog (S. cerevisiae) | 2.11 |
| 219029_at | C5orf28 | chromosome 5 open reading frame 28 | 1.43 |
| 219030_at | TPRKB | TP53RK binding protein | 2.48 |
| 219035_s_at | RNF34 | ring finger protein 34 | 1.96 |
| 219061_s_at | LAGE3 | L antigen family, member 3 | 1.32 |
| 219078_at | GPATCH2 | G patch domain containing 2 | 1.46 |
| 219088_s_at | ZNF576 | zinc finger protein 576 | 1.26 |
| 219099_at | C12orf5 | chromosome 12 open reading frame 5 | 1.71 |

| | | | |
|-------------|----------|--|-----------|
| 219103_at | DDEFL1 | development and differentiation enhancing factor-like 1 | - 1.34 |
| 219115_s_at | IL20RA | interleukin 20 receptor, alpha | 1.28 |
| 219126_at | PHF10 | PHD finger protein 10 | 1.44 |
| 219130_at | CCDC76 | coiled-coil domain containing 76 | 1.71 |
| 219146_at | C17orf42 | chromosome 17 open reading frame 42 | 1.62 |
| 219151_s_at | RABL2B | RAB, member of RAS oncogene family-like 2B | 1.58 |
| 219161_s_at | CKLF | chemokine-like factor | 2.03 |
| 219170_at | FSD1 | fibronectin type III and SPRY domain containing 1 | - 1.43 |
| 219186_at | ZBTB7A | zinc finger and BTB domain containing 7A | 1.47 |

| | | | |
|-------------|---------|--|-----------|
| | | | - |
| 219187_at | FKBPL | FK506 binding protein like | 1.31 |
| 219192_at | UBAP2 | ubiquitin associated protein 2 | 2.02 |
| 219200_at | FASTKD3 | FAST kinase domains 3 | 1.82 |
| 219209_at | IFIH1 | interferon induced with helicase C domain 1 | 3.03 |
| 219211_at | USP18 | ubiquitin specific peptidase 18 | 1.93 |
| 219212_at | HSPA14 | heat shock 70kDa protein 14 | 1.51 |
| 219224_x_at | ZNF408 | zinc finger protein 408 | - 1.51 |
| 219249_s_at | FKBP10 | FK506 binding protein 10, 65 kDa | - 1.29 |
| 219251_s_at | WDR60 | WD repeat domain 60 | - 1.52 |
| 219279_at | DOCK10 | dedicator of cytokinesis 10 | 1.79 |

| | | | |
|-------------|-----------|--|-----------|
| 219283_at | C1GALT1C1 | C1GALT1-specific chaperone 1 | 1.72 |
| 219288_at | C3orf14 | chromosome 3 open reading frame 14 | 1.75 |
| 219289_at | HEATR3 | HEAT repeat containing 3 | 1.51 |
| 219291_at | DTWD1 | DTW domain containing 1 | 1.46 |
| 219293_s_at | OLA1 | Obg-like ATPase 1 | 1.5 |
| 219314_s_at | ZNF219 | zinc finger protein 219 | - |
| 219317_at | POLI | polymerase (DNA directed) iota | 1.59 |
| 219319_at | HIF3A | hypoxia inducible factor 3, alpha subunit | - 1.49 |
| 219337_at | C1orf159 | chromosome 1 open reading frame 159 | - 1.45 |
| 219342_at | CASD1 | CAS1 domain containing 1 | 1.68 |
| 219352_at | HERC6 | hect domain and RLD 6 | 2.22 |

| | | | |
|-------------|----------|---|------|
| 219372_at | IFT81 | intraflagellar transport 81 homolog (Chlamydomonas) | 1.54 |
| 219374_s_at | ALG9 | asparagine-linked glycosylation 9 homolog (S. cerevisiae, alpha- 1,2-mannosyltransferase) | 1.35 |
| 219402_s_at | DERL1 | Der1-like domain family, member 1 | 1.57 |
| 219406_at | C1orf50 | chromosome 1 open reading frame 50 | 1.4 |
| 219425_at | SULT4A1 | sulfotransferase family 4A, member 1 | -1.4 |
| 219426_at | EIF2C3 | eukaryotic translation initiation factor 2C, 3 | 1.69 |
| 219431_at | ARHGAP10 | Rho GTPase activating protein 10 | -1.4 |
| 219441_s_at | LRRK1 | leucine-rich repeat kinase 1 | 1.34 |
| 219470_x_at | CCNJ | cyclin J | 1.38 |

| | | | |
|-------------|----------|---|-----------|
| 219548_at | ZNF16 | zinc finger protein 16 | - 1.32 |
| 219577_s_at | ABCA7 | ATP-binding cassette, sub-family A (ABC1), member 7 | - 1.47 |
| 219579_at | RAB3IL1 | RAB3A interacting protein (rabin3)-like 1 | - 1.87 |
| 219593_at | SLC15A3 | solute carrier family 15, member 3 | 1.48 |
| 219605_at | ZNF3 | zinc finger protein 3 | - 1.32 |
| 219620_x_at | C9orf167 | chromosome 9 open reading frame 167 | 1.33 |
| 219622_at | RAB20 | RAB20, member RAS oncogene family | 1.59 |
| 219623_at | ACTR5 | ARP5 actin-related protein 5 homolog (yeast) | - 1.65 |

| | | | |
|-------------|-----------|---|-----------|
| 219646_at | DEF8 | differentially expressed in FDCP 8 homolog (mouse) | 1.28 |
| 219648_at | MREG | melanoregulin | 1.38 |
| 219652_s_at | CXorf36 | chromosome X open reading frame 36 | - 1.45 |
| 219679_s_at | WAC | WW domain containing adaptor with coiled-coil | 2.32 |
| 219691_at | SAMD9 | sterile alpha motif domain containing 9 | 1.42 |
| 219707_at | CPNE7 | copine VII | - 1.43 |
| 219712_s_at | CARKL | carbohydrate kinase-like | -1.3 |
| 219716_at | APOL6 | apolipoprotein L, 6 | 1.92 |
| 219757_s_at | C14orf101 | chromosome 14 open reading frame 101 | 1.81 |

| | | | |
|-------------|---------|--|-----------|
| 219766_at | MGC4093 | hypothetical protein MGC4093 | -1.5 |
| 219767_s_at | CRYZL1 | crystallin, zeta (quinone reductase)-like 1 | 2.11 |
| 219770_at | GTDC1 | glycosyltransferase-like domain containing 1 | 1.43 |
| 219781_s_at | ZNF771 | zinc finger protein 771 | - 1.62 |
| 219809_at | WDR55 | WD repeat domain 55 | - 1.44 |
| 219828_at | C9orf86 | chromosome 9 open reading frame 86 | - 1.31 |
| 219835_at | PRDM8 | PR domain containing 8 | - 1.62 |
| 219847_at | HDAC11 | histone deacetylase 11 | - 1.63 |
| 219855_at | NUDT11 | nudix (nucleoside diphosphate linked moiety X)-type motif 11 | - 1.43 |

| | | | |
|-------------|---------|---|-----------|
| 219893_at | CCDC71 | coiled-coil domain containing 71 | 1.32 |
| 219912_s_at | ENPP3 | ectonucleotide pyrophosphatase/phosphodiester ase 3 | - 1.38 |
| 219913_s_at | CRNKL1 | crooked neck pre-mRNA splicing factor-like 1 (Drosophila) | 1.74 |
| 219931_s_at | KLHL12 | kelch-like 12 (Drosophila) | 1.31 |
| 219940_s_at | PCID2 | PCI domain containing 2 | 1.3 |
| 219946_x_at | MYH14 | myosin, heavy chain 14 | - 1.86 |
| 219963_at | DUSP13 | dual specificity phosphatase 13 | - 1.38 |
| 219964_at | ST7L | suppression of tumorigenicity 7 like | - 1.48 |
| 220000_at | SIGLEC5 | sialic acid binding Ig-like lectin 5 | - 1.23 |

| | | | |
|-------------|---------|--|-----------|
| 220003_at | LRRC36 | leucine rich repeat containing 36 | - 1.46 |
| 220008_at | SGK269 | NKF3 kinase family member | -1.5 |
| 220015_at | CASZ1 | castor zinc finger 1 | - 1.77 |
| 220042_x_at | HIVEP3 | human immunodeficiency virus type I enhancer binding protein 3 | - 1.47 |
| 220045_at | NEUROD6 | neurogenic differentiation 6 | - 1.27 |
| 220051_at | PRSS21 | protease, serine, 21 (testisin) | - 1.48 |
| 220068_at | VPREB3 | pre-B lymphocyte gene 3 | - 1.26 |
| 220127_s_at | FBXL12 | F-box and leucine-rich repeat protein 12 | 1.6 |

| | | | |
|-------------|----------|---|-----------|
| 220152_at | C10orf95 | chromosome 10 open reading frame 95 | - 1.53 |
| 220155_s_at | BRD9 | bromodomain containing 9 | - 1.39 |
| 220192_x_at | SPDEF | SAM pointed domain containing ets transcription factor | - 1.51 |
| 220202_s_at | RC3H2 | ring finger and CCCH-type zinc finger domains 2 | - 1.63 |
| 220209_at | PYY2 | peptide YY, 2 (seminalplasmin) | - 1.84 |
| 220238_s_at | KLHL7 | kelch-like 7 (Drosophila) | - 1.18 |
| 220245_at | SLC45A2 | solute carrier family 45, member 2 | - 1.33 |
| 220248_x_at | NSFL1C | NSFL1 (p97) cofactor (p47) | - 1.65 |
| 220262_s_at | DLK2 | delta-like 2 homolog (Drosophila) | - 1.39 |
| 220265_at | GPR107 | G protein-coupled receptor 107 | - 1.13 |

| | | | |
|-------------|----------|---|------|
| | | | - |
| 220273_at | IL17B | interleukin 17B | 1.58 |
| 220277_at | CXXC4 | CXXC finger 4 | 1.22 |
| | | | - |
| 220288_at | MYO15A | myosin XVA | 1.34 |
| | | | - |
| 220291_at | GDPD2 | glycerophosphodiester phosphodiesterase domain containing 2 | 1.31 |
| | | | - |
| 220310_at | TUBAL3 | tubulin, alpha-like 3 | 1.23 |
| | | | - |
| 220314_at | HSFX1 | heat shock transcription factor family, X linked 1 | 1.53 |
| | | | - |
| 220326_s_at | FLJ10357 | hypothetical protein FLJ10357 | 1.48 |
| | | | - |
| 220332_at | CLDN16 | claudin 16 | 1.37 |
| | | | - |
| 220337_at | NGB | neuroglobin | 1.84 |
| | | | - |
| 220344_at | C11orf16 | chromosome 11 open reading frame 16 | 1.74 |

| | | | |
|-------------|----------|--|-----------|
| 220386_s_at | EML4 | echinoderm microtubule associated protein like 4 | 2.01 |
| 220390_at | AGBL2 | ATP/GTP binding protein-like 2 | 1.14 |
| 220395_at | DNAJA4 | DnaJ (Hsp40) homolog, subfamily A, member 4 | - 1.92 |
| 220427_at | OBSCN | obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF | - 1.46 |
| 220443_s_at | VAX2 | ventral anterior homeobox 2 | - 1.55 |
| 220455_at | SLC16A8 | solute carrier family 16, member 8 (monocarboxylic acid transporter 3) | - 1.59 |
| 220465_at | FLJ12355 | hypothetical protein FLJ12355 | - 1.59 |

| | | | |
|-------------|----------|--|-----------|
| 220469_at | COPE | coatomer protein complex, subunit epsilon | - 1.51 |
| 220485_s_at | SIRPG | signal-regulatory protein gamma | -1.5 |
| 220494_s_at | | NA | 2.93 |
| 220498_at | ACTL7B | actin-like 7B | - 1.61 |
| 220522_at | CRB1 | crumbs homolog 1 (Drosophila) | - 1.18 |
| 220525_s_at | AUP1 | ancient ubiquitous protein 1 | 1.58 |
| 220537_at | MTMR8 | myotubularin related protein 8 | - 1.23 |
| 220561_at | IGF2AS | insulin-like growth factor 2 antisense | -1.6 |
| 220562_at | CYP2W1 | cytochrome P450, family 2, subfamily W, polypeptide 1 | - 1.82 |
| 220581_at | C6orf97 | chromosome 6 open reading frame 97 | - 1.18 |
| 220583_at | FLJ22596 | hypothetical protein FLJ22596 | - 1.42 |

| | | | |
|-------------|----------|--|-----------|
| 220588_at | BCAS4 | breast carcinoma amplified sequence 4 | - 1.26 |
| 220599_s_at | CARD14 | caspase recruitment domain family, member 14 | -1.4 |
| 220605_s_at | SIRT2 | sirtuin (silent mating type information regulation 2 homolog) 2 (<i>S. cerevisiae</i>) | 1.48 |
| 220607_x_at | TH1L | TH1-like (<i>Drosophila</i>) | 1.55 |
| 220635_at | PSORS1C2 | psoriasis susceptibility 1 candidate 2 | - 1.73 |
| 220642_x_at | GPR89B | G protein-coupled receptor 89B | 1.62 |
| 220645_at | FAM55D | family with sequence similarity 55, member D | - 1.27 |
| 220653_at | ZIM2 | zinc finger, imprinted 2 | -1.4 |

| | | | |
|-------------|---------|--|-----------|
| 220690_s_at | DHRS7B | dehydrogenase/reductase (SDR family) member 7B | 1.62 |
| 220706_at | ADAMTS7 | ADAM metalloproteinase with thrombospondin type 1 motif, 7 | - 1.36 |
| 220755_s_at | C6orf48 | chromosome 6 open reading frame 48 | 1.84 |
| 220756_s_at | GPR172B | G protein-coupled receptor 172B | - 1.52 |
| 220780_at | PLA2G3 | phospholipase A2, group III | - 1.53 |
| 220796_x_at | SLC35E1 | solute carrier family 35, member E1 | - 2.53 |
| 220798_x_at | PRG2 | plasticity-related gene 2 | - 2.64 |
| 220846_s_at | PRKCZ | protein kinase C, zeta | - 1.29 |
| 220890_s_at | DDX47 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 47 | 1.54 |

| | | | |
|-------------|---------|---|-----------|
| 220917_s_at | WDR19 | WD repeat domain 19 | 1.55 |
| 220944_at | PGLYRP4 | peptidoglycan recognition protein 4 | - 1.57 |
| 220963_s_at | C1orf89 | chromosome 1 open reading frame 89 | - 1.37 |
| 220993_s_at | GPR63 | G protein-coupled receptor 63 | -1.2 |
| 221013_s_at | APOL2 | apolipoprotein L, 2 | 1.46 |
| 221023_s_at | KCNH6 | potassium voltage-gated channel, subfamily H (eag- related), member 6 | - 1.59 |
| 221074_at | NCR2 | natural cytotoxicity triggering receptor 2 | - 1.51 |
| 221077_at | ARMC4 | armadillo repeat containing 4 | - 1.31 |

| | | | |
|-------------|----------|--------------------------------------|-----------|
| 221114_at | AMBN | ameloblastin (enamel matrix protein) | - 1.52 |
| 221137_at | | NA | - 1.36 |
| 221190_s_at | C18orf8 | chromosome 18 open reading frame 8 | 1.87 |
| 221197_s_at | CHAT | choline acetyltransferase | - 1.44 |
| 221204_s_at | CRTAC1 | cartilage acidic protein 1 | - 1.28 |
| 221214_s_at | NELF | nasal embryonic LHRH factor | -1.6 |
| 221222_s_at | C1orf56 | chromosome 1 open reading frame 56 | 2.07 |
| 221229_s_at | FLJ20628 | hypothetical protein FLJ20628 | 1.91 |
| 221242_at | | NA | - 1.72 |
| 221253_s_at | TXNDC5 | thioredoxin domain containing 5 | 1.72 |

| | | | |
|-------------|----------|---|------|
| 221255_s_at | TMEM93 | transmembrane protein 93 | 1.53 |
| | | | - |
| 221261_x_at | MAGED4B | melanoma antigen family D, 4B | 1.47 |
| | | | |
| 221267_s_at | FAM108A1 | family with sequence similarity 108, member A1 | 1.89 |
| | | | |
| 221269_s_at | SH3BGRL3 | SH3 domain binding glutamic acid-rich protein like 3 | 2.15 |
| | | | |
| 221291_at | ULBP2 | UL16 binding protein 2 | -1.3 |
| | | | |
| 221292_at | PTCH2 | patched homolog 2 (Drosophila) | -1.2 |
| | | | |
| 221299_at | GPR173 | G protein-coupled receptor 173 | - |
| | | | 1.37 |
| | | | |
| 221300_at | C15orf2 | chromosome 15 open reading frame 2 | - |
| | | | 1.58 |
| | | | |
| 221315_s_at | FGF22 | fibroblast growth factor 22 | - |
| | | | 1.39 |
| | | | |
| 221350_at | HOXC8 | homeobox C8 | - |
| | | | 1.45 |

| | | | |
|-------------|----------|---|-----------|
| 221355_at | CHRNA3 | cholinergic receptor, nicotinic, gamma | - 1.48 |
| 221379_at | | NA | - 1.41 |
| 221387_at | NPF1R1 | neuropeptide FF receptor 1 | - 1.38 |
| 221392_at | TAS2R4 | taste receptor, type 2, member 4 | - 1.16 |
| 221399_at | EDA2R | ectodysplasin A2 receptor | - 1.56 |
| 221407_at | GJA9 | gap junction protein, alpha 9, 36kDa | - 1.98 |
| 221410_x_at | PCDHB3 | protocadherin beta 3 | - 1.46 |
| 221416_at | PLA2G2F | phospholipase A2, group IIF | - 1.29 |
| 221423_s_at | YIPF5 | Yip1 domain family, member 5 | - 1.72 |
| 221432_s_at | SLC25A28 | solute carrier family 25, member 28 | - 1.67 |

| | | | |
|-------------|----------|--|-----------|
| 221436_s_at | CDCA3 | cell division cycle associated 3 | - 1.79 |
| 221460_at | OR2C1 | olfactory receptor, family 2, subfamily C, member 1 | -1.3 |
| 221462_x_at | KLK15 | kallikrein-related peptidase 15 | - 1.28 |
| 221473_x_at | SERINC3 | serine incorporator 3 | 1.71 |
| 221492_s_at | ATG3 | ATG3 autophagy related 3 homolog (<i>S. cerevisiae</i>) | 2.01 |
| 221506_s_at | TNPO2 | transportin 2 (importin 3, karyopherin beta 2b) | 1.58 |
| 221512_at | C1orf160 | chromosome 1 open reading frame 160 | 1.32 |

| | | | |
|-------------|-------------------|--|-----------|
| 221567_at | NOL3 | nucleolar protein 3 (apoptosis repressor with CARD domain) | 1.32 |
| 221593_s_at | RPL31 | ribosomal protein L31 | 1.69 |
| 221596_s_at | DKFZP564O05 23 | hypothetical protein DKFZp564O0523 | 1.52 |
| 221618_s_at | TAF9B | TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa | 1.39 |
| 221622_s_at | TMEM126B | transmembrane protein 126B | 2.2 |
| 221632_s_at | WDR4 | WD repeat domain 4 | - 1.42 |
| 221647_s_at | RIC8A | resistance to inhibitors of cholinesterase 8 homolog A (C. elegans) | 1.44 |
| 221654_s_at | USP3 | ubiquitin specific peptidase 3 | 1.79 |

| | | | |
|-------------|----------|--|------|
| 221677_s_at | DONSON | downstream neighbor of SON | 1.42 |
| 221691_x_at | NPM1 | nucleophosmin (nucleolar phosphoprotein B23, numatrin) | 1.66 |
| 221698_s_at | CLEC7A | C-type lectin domain family 7, member A | 2.14 |
| 221739_at | C19orf10 | chromosome 19 open reading frame 10 | 1.89 |
| 221741_s_at | YTHDF1 | YTH domain family, member 1 | 1.64 |
| 221798_x_at | RPS2 | ribosomal protein S2 | 1.51 |

| | | | |
|-------------|----------|---|-----------|
| 221808_at | RAB9A | RAB9A, member RAS oncogene family | 1.9 |
| 221812_at | FBXO42 | F-box protein 42 | - 1.45 |
| 221816_s_at | PHF11 | PHD finger protein 11 | 1.84 |
| 221817_at | DOLPP1 | dolichyl pyrophosphate phosphatase 1 | - 1.48 |
| 221819_at | RAB35 | RAB35, member RAS oncogene family | 1.33 |
| 221821_s_at | C12orf41 | chromosome 12 open reading frame 41 | 1.74 |
| 221825_at | ANGEL2 | angel homolog 2 (Drosophila) | 1.8 |
| 221826_at | ANGEL2 | angel homolog 2 (Drosophila) | 1.41 |
| 221831_at | LUZP1 | leucine zipper protein 1 | - 1.29 |
| 221875_x_at | HLA-F | major histocompatibility complex, class I, F | 1.78 |

| | | | |
|-------------|-----------|--|-----------|
| 221907_at | C14orf172 | chromosome 14 open reading frame 172 | - 1.49 |
| 221921_s_at | CADM3 | cell adhesion molecule 3 | - 1.48 |
| 221943_x_at | RPL38 | ribosomal protein L38 | 2.03 |
| 221948_s_at | KLHL22 | kelch-like 22 (Drosophila) | - 1.35 |
| 221952_x_at | TRMT5 | TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae) | 1.52 |
| 221954_at | C20orf111 | chromosome 20 open reading frame 111 | 1.46 |
| 221972_s_at | SDF4 | stromal cell derived factor 4 | 1.74 |
| 222001_x_at | LOC728855 | hypothetical protein LOC728855 | 1.33 |
| 222015_at | CSNK1E | casein kinase 1, epsilon | - 1.55 |
| 222020_s_at | HNT | neurotrimin | - 1.53 |

| | | | |
|-------------|---------|--|-----------|
| 222022_at | DTX3 | deltex 3 homolog (Drosophila) | - 1.46 |
| 222049_s_at | RBP4 | retinol binding protein 4, plasma | 1.81 |
| 222050_at | FXR2 | fragile X mental retardation, autosomal homolog 2 | - 1.29 |
| 222060_at | KRT8P12 | keratin 8 pseudogene 12 | - 1.74 |
| 222093_s_at | ZNHIT4 | zinc finger, HIT type 4 | - 1.37 |
| 222097_at | MZF1 | myeloid zinc finger 1 | - 1.34 |
| 222099_s_at | LSM14A | LSM14A, SCD6 homolog A (S. cerevisiae) | 1.27 |
| 222124_at | HIF3A | hypoxia inducible factor 3, alpha subunit | - 2.05 |
| 222125_s_at | PH-4 | hypoxia-inducible factor prolyl 4-hydroxylase | 1.39 |

| | | | |
|-------------|------------|--|-----------|
| 222129_at | FAM134A | family with sequence similarity 134, member A | 1.42 |
| 222143_s_at | MTMR14 | myotubularin related protein 14 | 1.71 |
| 222148_s_at | RHOT1 | ras homolog gene family, member T1 | 1.49 |
| 222150_s_at | tcag7.1314 | hypothetical protein LOC54103 | 2.46 |
| 222184_at | | NA | - 1.54 |
| 222201_s_at | CASP8AP2 | CASP8 associated protein 2 | 1.55 |
| 222207_x_at | LOC389517 | Williams Beuren syndrome chromosome region 19 pseudogene | - 1.88 |
| 222210_at | CASKIN2 | CASK interacting protein 2 | - 1.55 |
| 222216_s_at | MRPL17 | mitochondrial ribosomal protein L17 | 1.68 |

| | | | |
|-------------|---------|--|-----------|
| | | | |
| 222233_s_at | DCLRE1C | DNA cross-link repair 1C (PSO2 homolog, <i>S. cerevisiae</i>) | 1.63 |
| 222262_s_at | ETNK1 | ethanolamine kinase 1 | 1.51 |
| 222296_at | | NA | - 1.36 |
| 222297_x_at | RPL18 | ribosomal protein L18 | - 1.64 |
| 222334_at | | NA | - 1.23 |
| 222339_x_at | NFIX | nuclear factor I/X (CCAAT-binding transcription factor) | - 1.74 |
| 222377_at | TBX10 | T-box 10 | - 1.48 |
| 31637_s_at | NR1D1 | nuclear receptor subfamily 1, group D, member 1 | -2 |
| 32062_at | LRRC14 | leucine rich repeat containing 14 | - 1.35 |

| | | | |
|------------|--------|--|------|
| 32069_at | N4BP1 | Nedd4 binding protein 1 | 1.94 |
| | | | - |
| 33322_i_at | SFN | stratifin | 2.16 |
| 33579_i_at | GALR3 | galanin receptor 3 | -1.3 |
| | | | - |
| 33768_at | DMWD | dystrophia myotonica, WD repeat containing | 1.57 |
| | | | - |
| 34063_at | RECQL5 | RecQ protein-like 5 | 1.52 |
| | | | - |
| 34868_at | SMG5 | Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans) | -1.6 |
| | | | - |
| 35179_at | B3GAT3 | beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) | 1.71 |
| | | | - |
| 35846_at | THRA | thyroid hormone receptor, alpha (erythroblastic leukemia viral (v- erb-a) oncogene homolog, avian) | 1.26 |

| | | | |
|------------|---------|---|-----------|
| 36019_at | STK19 | serine/threonine kinase 19 | -1.4 |
| 36129_at | SGSM2 | small G protein signaling modulator 2 | - 1.64 |
| 36865_at | ANGEL1 | angel homolog 1 (Drosophila) | - 1.39 |
| 36907_at | MVK | mevalonate kinase (mevalonic aciduria) | - 1.46 |
| 36936_at | TSTA3 | tissue specific transplantation antigen P35B | 1.37 |
| 36994_at | ATP6V0C | ATPase, H ⁺ transporting, lysosomal 16kDa, V0 subunit c | 1.47 |
| 37590_g_at | ZNF710 | zinc finger protein 710 | - 1.35 |
| 37872_at | JRK | jerky homolog (mouse) | - 1.47 |
| 37953_s_at | ACCN2 | amiloride-sensitive cation channel 2, neuronal | - 1.18 |

| | | | |
|------------|--------|---|-----------|
| 38241_at | BTN3A3 | butyrophilin, subfamily 3, member A3 | 2.09 |
| 38398_at | MADD | MAP-kinase activating death domain | - 1.35 |
| 38447_at | ADRBK1 | adrenergic, beta, receptor kinase 1 | - 1.83 |
| 38707_r_at | E2F4 | E2F transcription factor 4, p107/p130-binding | - 1.78 |
| 38710_at | OTUB1 | OTU domain, ubiquitin aldehyde binding 1 | - 1.44 |
| 39582_at | CYLD | cylindromatosis (turban tumor syndrome) | 1.61 |
| 39650_s_at | PCNXL2 | pecanex-like 2 (Drosophila) | - 1.53 |
| 39854_r_at | PNPLA2 | patatin-like phospholipase domain containing 2 | - 1.57 |
| 40149_at | SH2B1 | SH2B adaptor protein 1 | 1.25 |

| | | | |
|------------|---------|---|------|
| 40189_at | SET | SET translocation (myeloid leukemia-associated) | 1.56 |
| 40489_at | ATN1 | atrophin 1 | 1.32 |
| 40850_at | FKBP8 | FK506 binding protein 8, 38kDa | 1.47 |
| 41047_at | C9orf16 | chromosome 9 open reading frame 16 | 1.54 |
| 41657_at | STK11 | serine/threonine kinase 11 | 1.41 |
| 44040_at | FBXO41 | F-box protein 41 | 1.31 |
| 44563_at | WDR79 | WD repeat domain 79 | -1.3 |
| 47571_at | ZNF236 | zinc finger protein 236 | 2.25 |
| 48030_i_at | C5orf4 | chromosome 5 open reading frame 4 | 1.79 |

| | | | |
|------------|-----------|--|-----------|
| 49329_at | KLHL22 | kelch-like 22 (Drosophila) | -1.4 |
| 50314_i_at | C20orf27 | chromosome 20 open reading frame 27 | - 1.42 |
| 51774_s_at | LOC222070 | hypothetical protein LOC222070 | - 2.06 |
| 52078_at | C1orf160 | chromosome 1 open reading frame 160 | - 1.24 |
| 52285_f_at | CEP76 | centrosomal protein 76kDa | 1.38 |
| 53991_at | DENND2A | DENN/MADD domain containing 2A | - 1.21 |
| 54970_at | ZMIZ2 | zinc finger, MIZ-type containing 2 | - 1.76 |
| 55065_at | MARK4 | MAP/microtubule affinity- regulating kinase 4 | 2.3 |
| 55081_at | MICALL1 | MICAL-like 1 | 1.33 |
| 55093_at | CSGlcA-T | chondroitin sulfate glucuronyltransferase | 1.41 |

| | | | |
|----------|-----------|---|-----------|
| 55692_at | ELMO2 | engulfment and cell motility 2 | 1.69 |
| 564_at | GNA11 | guanine nucleotide binding protein (G protein), alpha 11 (Gq class) | 1.54 |
| 56821_at | FLJ10815 | amino acid transporter | - 1.35 |
| 56829_at | NIBP | NIK and IKK{beta} binding protein | -1.4 |
| 58900_at | LOC222070 | hypothetical protein LOC222070 | -1.9 |
| 61874_at | C9orf7 | chromosome 9 open reading frame 7 | - 1.41 |
| 64432_at | C12orf47 | chromosome 12 open reading frame 47 | 1.31 |
| 64440_at | IL17RC | interleukin 17 receptor C | - 1.35 |
| 65521_at | UBE2D4 | ubiquitin-conjugating enzyme E2D 4 (putative) | - 1.39 |

| | | | |
|-------------------------------------|----------|---|-----------|
| 74694_s_at | RABEP2 | rabaptin, RAB GTPase binding effector protein 2 | 1.56 |
| 76897_s_at | FKBP15 | FK506 binding protein 15, 133kDa | 1.16 |
| 77508_r_at | RABEP2 | rabaptin, RAB GTPase binding effector protein 2 | - 1.48 |
| 78047_s_at | MT1P3 | metallothionein 1 pseudogene 3 | - 1.93 |
| 89948_at | C20orf67 | chromosome 20 open reading frame 67 | - 1.25 |
| 91682_at | EXOSC4 | exosome component 4 | -1.4 |
| 91920_at | BCAN | brevican | - 1.39 |
| AFFX- HUMISGF3A/M97935_M A_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 1.88 |

| | | | |
|-------------------------------------|-------|--|-----------|
| AFFX- HUMISGF3A/M97935_M B_at | STAT1 | signal transducer and activator of transcription 1, 91kDa | 2.69 |
| AFFX-M27830_3_at | | NA | - 1.59 |
| AFFX-r2-Ec-bioC-3_at | | NA | 2.09 |

Supplemental Table 4- Genes with a significant interaction

| Affy ID | Symbol | Gene Name | Estimate |
|----------------|---------------|---|-----------------|
| 1487_at | ESRRA | estrogen-related receptor alpha | 0.86 |
| 1729_at | TRADD | TNFRSF1A-associated via death domain | 0.49 |

| | | | |
|-------------|---------|--|-------|
| 179_at | PMS2L11 | postmeiotic segregation increased 2-like 11 | 0.83 |
| 1861_at | BAD | BCL2-antagonist of cell death | 0.59 |
| 200015_s_at | 2-Sep | septin 2 | -0.92 |
| 200045_at | ABCF1 | ATP-binding cassette, sub-family F (GCN20), member 1 | 0.78 |
| 200055_at | TAF10 | TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa | 0.85 |
| 200066_at | IK | IK cytokine, down-regulator of HLA II | -0.74 |

| | | | |
|-------------|----------|---|-------|
| | | | |
| 200068_s_at | CANX | calnexin | 0.55 |
| 200070_at | C2orf24 | chromosome 2 open reading frame 24 | -0.81 |
| 200083_at | USP22 | ubiquitin specific peptidase 22 | 0.88 |
| 200087_s_at | TMED2 | transmembrane emp24 domain trafficking protein 2 | 0.84 |
| 200599_s_at | HSP90B1 | heat shock protein 90kDa beta (Grp94), member 1 | 0.78 |
| 200616_s_at | KIAA0152 | KIAA0152 | 1.75 |
| 200617_at | KIAA0152 | KIAA0152 | 1.99 |
| 200632_s_at | NDRG1 | N-myc downstream regulated gene 1 | -1.2 |

| | | | |
|-------------|-------|---|-------|
| 200636_s_at | PTPRF | protein tyrosine phosphatase, receptor type, F | 1.6 |
| 200637_s_at | PTPRF | protein tyrosine phosphatase, receptor type, F | 1.81 |
| 200639_s_at | YWHAZ | tyrosine 3- monooxygenase/tryptophan 5- monooxygenase activation protein, zeta polypeptide | -0.79 |
| 200649_at | NUCB1 | nucleobindin 1 | 1.35 |

| | | | |
|-------------|-------|--|-------|
| 200654_at | P4HB | procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4- hydroxylase), beta polypeptide | 0.93 |
| 200656_s_at | P4HB | procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4- hydroxylase), beta polypeptide | 1.35 |
| 200692_s_at | HSPA9 | heat shock 70kDa protein 9 (mortalin) | 0.95 |
| 200696_s_at | GSN | gelsolin (amyloidosis, Finnish type) | -1.93 |

| | | | |
|-------------|--------|---|-------|
| 200698_at | KDEL2 | KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2 | 1.3 |
| 200700_s_at | KDEL2 | KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2 | 1.24 |
| 200762_at | DPYSL2 | dihydropyrimidinase-like 2 | -1.59 |
| 200771_at | LAMC1 | laminin, gamma 1 (formerly LAMB2) | -1.15 |
| 200788_s_at | PEA15 | phosphoprotein enriched in astrocytes 15 | -0.98 |

| | | | |
|-------------|-----------|--|-------|
| 200791_s_at | IQGAP1 | IQ motif containing GTPase activating protein 1 | -1.35 |
| 200795_at | SPARCL1 | SPARC-like 1 (mast9, hevin) | -2.51 |
| 200810_s_at | CIRBP | cold inducible RNA binding protein | -1.1 |
| 200824_at | GSTP1 | glutathione S-transferase pi | -1.21 |
| 200825_s_at | HYOU1 | hypoxia up-regulated 1 | 2.19 |
| 200856_x_at | C20orf191 | chromosome 20 open reading frame 191 | 1.08 |
| 200859_x_at | FLNA | filamin A, alpha (actin binding protein 280) | -1.17 |
| 200861_at | CNOT1 | CCR4-NOT transcription complex, subunit 1 | 0.92 |

| | | | |
|-------------|-------|--|-------|
| | | | |
| 200889_s_at | SSR1 | signal sequence receptor, alpha (translocon-associated protein alpha) | 1.58 |
| 200890_s_at | SSR1 | signal sequence receptor, alpha (translocon-associated protein alpha) | 1.84 |
| 200891_s_at | SSR1 | signal sequence receptor, alpha (translocon-associated protein alpha) | 1 |
| 200894_s_at | FKBP4 | FK506 binding protein 4, 59kDa | 0.91 |
| 200897_s_at | PALLD | palladin, cytoskeletal associated protein | -1.38 |

| | | | |
|-------------|--------|---|-------|
| 200907_s_at | PALLD | palladin, cytoskeletal associated protein | -1.21 |
| 200911_s_at | TACC1 | transforming, acidic coiled-coil containing protein 1 | -1.12 |
| 200913_at | PPM1G | protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform | 0.59 |
| 200922_at | KDELR1 | KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1 | 1.11 |
| 200935_at | CALR | calreticulin | 2.4 |

| | | | |
|-------------|--------|--|-------|
| 200944_s_at | HMGN1 | high-mobility group nucleosome binding domain 1 | -0.91 |
| 200946_x_at | GLUD1 | glutamate dehydrogenase 1 | 1.3 |
| 200950_at | ARPC1A | actin related protein 2/3 complex, subunit 1A, 41kDa | 0.78 |
| 200959_at | FUS | fusion (involved in t(12;16) in malignant liposarcoma) | -1.03 |
| 200967_at | PPIB | peptidylprolyl isomerase B (cyclophilin B) | 0.84 |
| 200970_s_at | SERP1 | stress-associated endoplasmic reticulum protein 1 | 0.99 |

| | | | |
|-------------|-------|--|-------|
| 200971_s_at | SERP1 | stress-associated endoplasmic reticulum protein 1 | 1.29 |
| 200991_s_at | SNX17 | sorting nexin 17 | 0.7 |
| 201000_at | AARS | alanyl-tRNA synthetase | 0.82 |
| 201008_s_at | TXNIP | thioredoxin interacting protein | -1.93 |
| 201009_s_at | TXNIP | thioredoxin interacting protein | -1.86 |
| 201010_s_at | TXNIP | thioredoxin interacting protein | -1.77 |
| 201012_at | ANXA1 | annexin A1 | -2.52 |
| 201030_x_at | LDHB | lactate dehydrogenase B | -2.53 |
| 201034_at | ADD3 | adducin 3 (gamma) | -1.46 |

| | | | |
|-------------|--------|--|-------|
| 201069_at | MMP2 | matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase) | -1.87 |
| 201095_at | DAP | death-associated protein | 0.92 |
| 201096_s_at | ARF4 | ADP-ribosylation factor 4 | 1.24 |
| 201105_at | LGALS1 | lectin, galactoside-binding, soluble, 1 (galectin 1) | -1.31 |
| 201110_s_at | THBS1 | thrombospondin 1 | -2.67 |
| 201131_s_at | CDH1 | cadherin 1, type 1, E-cadherin (epithelial) | -1.07 |

| | | | |
|-------------|----------|--|-------|
| 201137_s_at | HLA-DPB1 | major histocompatibility complex, class II, DP beta 1 | -2.38 |
| 201141_at | GPNMB | glycoprotein (transmembrane) nmb | -2.42 |
| 201150_s_at | TIMP3 | TIMP metalloproteinase inhibitor 3 (Sorsby fundus dystrophy, pseudoinflammatory) | -1.68 |
| 201162_at | IGFBP7 | insulin-like growth factor binding protein 7 | -1.87 |
| 201163_s_at | IGFBP7 | insulin-like growth factor binding protein 7 | -1.32 |

| | | | |
|-------------|--------|--|-------|
| 201176_s_at | ARCN1 | archain 1 | 0.84 |
| 201213_at | PPP1R7 | protein phosphatase 1, regulatory (inhibitor) subunit 7 | 0.47 |
| 201220_x_at | CTBP2 | C-terminal binding protein 2 | -1.06 |
| 201240_s_at | SPCS2 | signal peptidase complex subunit 2 homolog (<i>S. cerevisiae</i>) | 0.93 |
| 201252_at | PSMC4 | proteasome (prosome, macropain) 26S subunit, ATPase, 4 | 0.7 |
| 201261_x_at | BGN | biglycan | -1.66 |
| 201264_at | COPE | coatamer protein complex, subunit epsilon | 0.9 |

| | | | |
|-------------|---------|---|-------|
| 201278_at | DAB2 | disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) | -1.59 |
| 201280_s_at | DAB2 | disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) | -1.47 |
| 201289_at | CYR61 | cysteine-rich, angiogenic inducer, 61 | -2.34 |
| 201301_s_at | ANXA4 | annexin A4 | -1.43 |
| 201302_at | ANXA4 | annexin A4 | -1.58 |
| 201312_s_at | SH3BGRL | SH3 domain binding glutamic acid-rich protein like | -1.29 |

| | | | |
|-------------|-------|--|------|
| 201324_at | EMP1 | epithelial membrane protein 1 | -3.2 |
| 201336_at | VAMP3 | vesicle-associated membrane protein 3 (cellubrevin) | -0.9 |
| 201350_at | FLOT2 | flotillin 2 | 1.04 |
| 201391_at | TRAP1 | TNF receptor-associated protein 1 | 0.64 |
| 201399_s_at | TRAM1 | translocation associated membrane protein 1 | 1.31 |
| 201400_at | PSMB3 | proteasome (prosome, macropain) subunit, beta type, 3 | 0.74 |

| | | | |
|-------------|--------|---|-------|
| 201404_x_at | PSMB2 | proteasome (prosome, macropain) subunit, beta type, 2 | 0.73 |
| 201418_s_at | SOX4 | SRY (sex determining region Y)-box 4 | -0.92 |
| 201419_at | BAP1 | BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase) | 0.45 |
| 201421_s_at | WDR77 | WD repeat domain 77 | 0.66 |
| 201426_s_at | VIM | vimentin | -1.92 |
| 201433_s_at | PTDSS1 | phosphatidylserine synthase 1 | 0.61 |
| 201438_at | COL6A3 | collagen, type VI, alpha 3 | -1.74 |

| | | | |
|-------------|---------|--|-------|
| 201496_x_at | MYH11 | myosin, heavy chain 11, smooth muscle | -0.82 |
| 201505_at | LAMB1 | laminin, beta 1 | -2.03 |
| 201511_at | AAMP | angio-associated, migratory cell protein | 0.56 |
| 201512_s_at | TOMM70A | translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae) | 1.02 |
| 201516_at | SRM | spermidine synthase | 0.98 |
| 201561_s_at | CLSTN1 | calsyntenin 1 | -1.02 |
| 201567_s_at | GOLGA4 | golgi autoantigen, golgin subfamily a, 4 | 0.93 |
| 201582_at | SEC23B | Sec23 homolog B (S. cerevisiae) | 1.79 |

| | | | |
|-------------|--------|---|-------|
| 201583_s_at | SEC23B | Sec23 homolog B (<i>S. cerevisiae</i>) | 1.22 |
| 201590_x_at | ANXA2 | annexin A2 | -1.25 |
| 201615_x_at | CALD1 | caldesmon 1 | -1.25 |
| 201622_at | SND1 | staphylococcal nuclease and tudor domain containing 1 | 0.82 |
| 201657_at | ARL1 | ADP-ribosylation factor-like 1 | 1.33 |
| 201667_at | GJA1 | gap junction protein, alpha 1, 43kDa | -2.81 |
| 201681_s_at | DLG5 | discs, large homolog 5 (<i>Drosophila</i>) | -0.65 |
| 201688_s_at | TPD52 | tumor protein D52 | 1.52 |
| 201689_s_at | TPD52 | tumor protein D52 | 1.94 |

| | | | |
|-------------|----------|---|-------|
| 201714_at | TUBG1 | tubulin, gamma 1 | 1.34 |
| 201719_s_at | EPB41L2 | erythrocyte membrane protein band 4.1-like 2 | -1.2 |
| 201728_s_at | KIAA0100 | KIAA0100 | 1.1 |
| 201729_s_at | KIAA0100 | KIAA0100 | 1.86 |
| 201744_s_at | LUM | lumican | -4.04 |
| 201752_s_at | ADD3 | adducin 3 (gamma) | -0.91 |
| 201753_s_at | ADD3 | adducin 3 (gamma) | -1.23 |
| 201760_s_at | WSB2 | WD repeat and SOCS box-containing 2 | 1.31 |
| 201761_at | MTHFD2 | methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase | -2.68 |

| | | | |
|-------------|---------|---|-------|
| 201792_at | AEBP1 | AE binding protein 1 | -1.52 |
| 201799_s_at | OSBP | oxysterol binding protein | 1.09 |
| 201800_s_at | OSBP | oxysterol binding protein | 0.96 |
| 201810_s_at | SH3BP5 | SH3-domain binding protein 5 (BTK-associated) | -1.17 |
| 201811_x_at | SH3BP5 | SH3-domain binding protein 5 (BTK-associated) | -1.19 |
| 201817_at | UBE3C | ubiquitin protein ligase E3C | 0.97 |
| 201821_s_at | TIMM17A | translocase of inner mitochondrial membrane 17 homolog A (yeast) | 1.03 |

| | | | |
|-------------|---------|---|-------|
| 201839_s_at | TACSTD1 | tumor-associated calcium signal transducer 1 | -3.22 |
| 201842_s_at | EFEMP1 | EGF-containing fibulin-like extracellular matrix protein 1 | -3.29 |
| 201843_s_at | EFEMP1 | EGF-containing fibulin-like extracellular matrix protein 1 | -2.97 |
| 201851_at | SH3GL1 | SH3-domain GRB2-like 1 | 0.56 |
| 201858_s_at | SRGN | serglycin | -2.25 |
| 201859_at | SRGN | serglycin | -1.2 |
| 201860_s_at | PLAT | plasminogen activator, tissue | -1.91 |
| 201893_x_at | DCN | decorin | -1.7 |
| 201894_s_at | DCN | decorin | 1.27 |

| | | | |
|-------------|----------|--|-------|
| 201895_at | ARAF | v-raf murine sarcoma 3611 viral oncogene homolog | 0.77 |
| 201904_s_at | CTDSPL | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like | -1.09 |
| 201913_s_at | COASY | Coenzyme A synthase | 0.97 |
| 201915_at | SEC63 | SEC63 homolog (<i>S. cerevisiae</i>) | 1.07 |
| 201918_at | SLC25A36 | solute carrier family 25, member 36 | -1.49 |
| 201919_at | SLC25A36 | solute carrier family 25, member 36 | -1.02 |

| | | | |
|-------------|---------|---|-------|
| 201923_at | PRDX4 | peroxiredoxin 4 | 1.03 |
| 201924_at | AFF1 | AF4/FMR2 family, member 1 | -0.86 |
| 201964_at | SETX | senataxin | 1.03 |
| 201976_s_at | MYO10 | myosin X | -1.35 |
| 201998_at | ST6GAL1 | ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 | 1 |
| 202039_at | TIAF1 | TGFB1-induced anti-apoptotic factor 1 | 0.99 |
| 202041_s_at | FIBP | fibroblast growth factor (acidic) intracellular binding protein | 0.89 |

| | | | |
|-------------|--------|--|-------|
| 202046_s_at | GRLF1 | glucocorticoid receptor DNA binding factor 1 | 0.82 |
| 202062_s_at | SEL1L | sel-1 suppressor of lin-12-like (C. elegans) | 1.6 |
| 202063_s_at | SEL1L | sel-1 suppressor of lin-12-like (C. elegans) | 0.74 |
| 202064_s_at | SEL1L | sel-1 suppressor of lin-12-like (C. elegans) | 1.52 |
| 202105_at | IGBP1 | immunoglobulin (CD79A) binding protein 1 | -0.77 |
| 202109_at | ARFIP2 | ADP-ribosylation factor interacting protein 2 (arfaptin 2) | 1.22 |

| | | | |
|-----------|--------|---|-------|
| 202111_at | SLC4A2 | solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1) | 0.97 |
| 202112_at | VWF | von Willebrand factor | -1.85 |
| 202132_at | WWTR1 | WW domain containing transcription regulator 1 | -1.07 |
| 202133_at | WWTR1 | WW domain containing transcription regulator 1 | -1.53 |

| | | | |
|-------------|--------|--|-------|
| 202135_s_at | ACTR1B | ARP1 actin-related protein 1 homolog B, centractin beta (yeast) | 0.53 |
| 202149_at | NEDD9 | neural precursor cell expressed, developmentally down-regulated 9 | -2.13 |
| 202157_s_at | CUGBP2 | CUG triplet repeat, RNA binding protein 2 | -2.11 |
| 202177_at | GAS6 | growth arrest-specific 6 | -0.86 |
| 202195_s_at | TMED5 | transmembrane emp24 protein transport domain containing 5 | 1.31 |
| 202199_s_at | SRPK1 | SFRS protein kinase 1 | 0.64 |
| 202207_at | ARL4C | ADP-ribosylation factor-like 4C | -1.97 |

| | | | |
|-------------|---------|--|-------|
| | | | |
| 202208_s_at | ARL4C | ADP-ribosylation factor-like 4C | -1 |
| 202215_s_at | NFYC | nuclear transcription factor Y, gamma | 0.66 |
| 202258_s_at | PFAAP5 | phosphonoformate immuno- associated protein 5 | -1.05 |
| 202273_at | PDGFRB | platelet-derived growth factor receptor, beta polypeptide | -0.9 |
| 202286_s_at | TACSTD2 | tumor-associated calcium signal transducer 2 | -3.25 |
| 202291_s_at | MGP | matrix Gla protein | -3.47 |
| 202295_s_at | CTSH | cathepsin H | -1.31 |

| | | | |
|-------------|--------|---|-------|
| 202296_s_at | RER1 | RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae) | 1.01 |
| 202316_x_at | UBE4B | ubiquitination factor E4B (UFD2 homolog, yeast) | 0.54 |
| 202332_at | CSNK1E | casein kinase 1, epsilon | -1.01 |
| 202336_s_at | PAM | peptidylglycine alpha-amidating monooxygenase | -1.49 |
| 202341_s_at | TRIM2 | tripartite motif-containing 2 | -0.96 |
| 202348_s_at | TOR1A | torsin family 1, member A (torsin A) | 0.61 |

| | | | |
|-------------|---------|---|------|
| 202356_s_at | GTF2F1 | general transcription factor IIF, polypeptide 1, 74kDa | 0.52 |
| 202358_s_at | SNX19 | sorting nexin 19 | 0.87 |
| 202361_at | SEC24C | SEC24 related gene family, member C (<i>S. cerevisiae</i>) | 0.64 |
| 202365_at | UNC119B | unc-119 homolog B (<i>C. elegans</i>) | 1.05 |
| 202369_s_at | TRAM2 | translocation associated membrane protein 2 | 1.24 |
| 202375_at | SEC24D | SEC24 related gene family, member D (<i>S. cerevisiae</i>) | 2.13 |

| | | | |
|-------------|----------|---|-------|
| 202376_at | SERPINA3 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3 | 0.88 |
| 202388_at | RGS2 | regulator of G-protein signaling 2, 24kDa | -2.76 |
| 202389_s_at | HD | huntingtin (Huntington disease) | 0.66 |
| 202403_s_at | COL1A2 | collagen, type I, alpha 2 | -2.1 |
| 202418_at | YIF1A | Yip1 interacting factor homolog A (<i>S. cerevisiae</i>) | 1 |
| 202424_at | MAP2K2 | mitogen-activated protein kinase kinase 2 | 0.92 |
| 202426_s_at | RXRA | retinoid X receptor, alpha | 1.29 |

| | | | |
|-------------|---------|---|-------|
| 202433_at | SLC35B1 | solute carrier family 35, member B1 | 1.5 |
| 202449_s_at | RXRA | retinoid X receptor, alpha | 1.08 |
| 202464_s_at | PFKFB3 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 | -1.59 |
| 202472_at | MPI | mannose phosphate isomerase | 0.58 |
| 202511_s_at | ATG5 | ATG5 autophagy related 5 homolog (S. cerevisiae) | 0.89 |
| 202513_s_at | PPP2R5D | protein phosphatase 2, regulatory subunit B', delta isoform | 0.55 |

| | | | |
|-------------|-------|---|-------|
| 202541_at | SCYE1 | small inducible cytokine subfamily E, member 1 (endothelial monocyte- activating) | 1.2 |
| 202551_s_at | CRIM1 | cysteine rich transmembrane BMP regulator 1 (chordin-like) | -1.83 |
| 202552_s_at | CRIM1 | cysteine rich transmembrane BMP regulator 1 (chordin-like) | -1.65 |
| 202558_s_at | STCH | stress 70 protein chaperone, microsome-associated, 60kDa | 1.69 |

| | | | |
|-------------|----------|---|------|
| 202578_s_at | DDX19A | DEAD (Asp-Glu-Ala-As) box polypeptide 19A | 1.04 |
| 202593_s_at | MIR16 | membrane interacting protein of RGS16 | 1.26 |
| 202607_at | NDST1 | N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1 | 0.85 |
| 202645_s_at | MEN1 | multiple endocrine neoplasia I | 0.94 |
| 202650_s_at | KIAA0195 | KIAA0195 | 0.71 |
| 202655_at | ARMET | arginine-rich, mutated in early stage tumors | 1.44 |
| 202664_at | WIPF1 | WAS/WASL interacting protein family, member 1 | -1.4 |

| | | | |
|-------------|--------|--|------|
| 202671_s_at | PDXK | pyridoxal (pyridoxine, vitamin B6) kinase | 0.95 |
| 202689_at | RBM15B | RNA binding motif protein 15B | 0.64 |
| 202707_at | UMPS | uridine monophosphate synthetase (orotate phosphoribosyl transferase and orotidine-5'-decarboxylase) | 0.41 |
| 202710_at | BET1 | BET1 homolog (<i>S. cerevisiae</i>) | 1.13 |
| 202721_s_at | GFPT1 | glutamine-fructose-6-phosphate transaminase 1 | 1.37 |

| | | | |
|-------------|----------|--|------|
| 202722_s_at | GFPT1 | glutamine-fructose-6-phosphate transaminase 1 | 1.88 |
| 202752_x_at | SLC7A8 | solute carrier family 7 (cationic amino acid transporter, y+ system), member 8 | 0.74 |
| 202788_at | MAPKAPK3 | mitogen-activated protein kinase- activated protein kinase 3 | 0.74 |
| 202801_at | PRKACA | protein kinase, cAMP-dependent, catalytic, alpha | 0.93 |
| 202819_s_at | TCEB3 | transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A) | 0.82 |

| | | | |
|-------------|--------|--|-------|
| | | | |
| 202822_at | LPP | LIM domain containing preferred translocation partner in lipoma | -0.89 |
| 202831_at | GPX2 | glutathione peroxidase 2 (gastrointestinal) | 1.5 |
| 202842_s_at | DNAJB9 | DnaJ (Hsp40) homolog, subfamily B, member 9 | 1.15 |
| 202880_s_at | PSCD1 | pleckstrin homology, Sec7 and coiled-coil domains 1(cytohesin 1) | -0.69 |
| 202893_at | UNC13B | unc-13 homolog B (C. elegans) | 0.99 |
| 202910_s_at | CD97 | CD97 molecule | -1.32 |

| | | | |
|-------------|----------|---|-------|
| 202913_at | ARHGEF11 | Rho guanine nucleotide exchange factor (GEF) 11 | 0.65 |
| 202920_at | ANK2 | ankyrin 2, neuronal | -1.26 |
| 202935_s_at | SOX9 | SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal) | -2.2 |
| 202936_s_at | SOX9 | SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal) | -1.45 |
| 202947_s_at | GYPC | glycophorin C (Gerbich blood group) | -0.82 |

| | | | |
|-------------|----------|---|-------|
| 202949_s_at | FHL2 | four and a half LIM domains 2 | -1.78 |
| 202988_s_at | RGS1 | regulator of G-protein signaling 1 | -3.3 |
| 202992_at | C7 | complement component 7 | -2.37 |
| 202994_s_at | FBLN1 | fibulin 1 | -1.78 |
| 203002_at | AMOTL2 | angiomin like 2 | -1.28 |
| 203029_s_at | PTPRN2 | protein tyrosine phosphatase, receptor type, N polypeptide 2 | -0.86 |
| 203040_s_at | HMBS | hydroxymethylbilane synthase | 0.93 |
| 203046_s_at | TIMELESS | timeless homolog (Drosophila) | 0.86 |

| | | | |
|-------------|--------------|--|-------|
| 203066_at | GALNAC4S-6ST | B cell RAG associated protein | -1.04 |
| 203071_at | SEMA3B | sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B | -0.84 |
| 203088_at | FBLN5 | fibulin 5 | -2.43 |
| 203102_s_at | MGAT2 | mannosyl (alpha-1,6)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase | 1.16 |
| 203109_at | UBE2M | ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast) | 0.87 |
| 203117_s_at | USP52 | ubiquitin specific peptidase 52 | 1 |

| | | | |
|-------------|---------|---|-------|
| 203123_s_at | SLC11A2 | solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 | 1.15 |
| 203131_at | PDGFRA | platelet-derived growth factor receptor, alpha polypeptide | -2.43 |
| 203133_at | SEC61B | Sec61 beta subunit | 0.89 |
| 203136_at | RABAC1 | Rab acceptor 1 (prenylated) | 1.55 |
| 203154_s_at | PAK4 | p21(CDKN1A)-activated kinase 4 | 0.67 |
| 203159_at | GLS | glutaminase | -1.35 |

| | | | |
|-------------|---------|---|-------|
| 203164_at | SLC33A1 | solute carrier family 33 (acetyl-CoA transporter), member 1 | 1.73 |
| 203165_s_at | SLC33A1 | solute carrier family 33 (acetyl-CoA transporter), member 1 | 1.88 |
| 203196_at | ABCC4 | ATP-binding cassette, sub-family C (CFTR/MRP), member 4 | -1.02 |
| 203200_s_at | MTRR | 5-methyltetrahydrofolate-homocysteine methyltransferase reductase | 1.2 |

| | | | |
|-------------|---------|--|-------|
| 203207_s_at | MTFR1 | mitochondrial fission regulator 1 | 1.26 |
| 203208_s_at | MTFR1 | mitochondrial fission regulator 1 | 1.12 |
| 203217_s_at | ST3GAL5 | ST3 beta-galactoside alpha-2,3-sialyltransferase 5 | 0.89 |
| 203244_at | PEX5 | peroxisomal biogenesis factor 5 | 0.75 |
| 203275_at | IRF2 | interferon regulatory factor 2 | 0.91 |
| 203279_at | EDEM1 | ER degradation enhancer, mannosidase alpha-like 1 | 1.1 |
| 203280_at | SAFB2 | scaffold attachment factor B2 | -1.01 |

| | | | |
|-------------|--------|--|-------|
| 203285_s_at | HS2ST1 | heparan sulfate 2-O-sulfotransferase 1 | 0.95 |
| 203294_s_at | LMAN1 | lectin, mannose-binding, 1 | 1.15 |
| 203297_s_at | JARID2 | jumonji, AT rich interactive domain 2 | -0.75 |
| 203315_at | NCK2 | NCK adaptor protein 2 | -1.45 |
| 203317_at | PSD4 | pleckstrin and Sec7 domain containing 4 | 0.61 |
| 203327_at | IDE | insulin-degrading enzyme | 0.98 |
| 203328_x_at | IDE | insulin-degrading enzyme | 1.42 |
| 203331_s_at | INPP5D | inositol polyphosphate-5- phosphatase, 145kDa | -0.73 |
| 203343_at | UGDH | UDP-glucose dehydrogenase | 1.36 |

| | | | |
|-------------|----------|---|-------|
| 203364_s_at | KIAA0652 | KIAA0652 | 0.57 |
| 203383_s_at | GOLGA1 | golgi autoantigen, golgin subfamily a, 1 | 0.68 |
| 203384_s_at | GOLGA1 | golgi autoantigen, golgin subfamily a, 1 | 0.53 |
| 203392_s_at | CTBP1 | C-terminal binding protein 1 | 1.25 |
| 203408_s_at | SATB1 | SATB homeobox 1 | -0.91 |
| 203445_s_at | CTDSP2 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2 | 0.72 |
| 203458_at | SPR | sepiapterin reductase (7,8- dihydrobiopterin:NADP+ oxidoreductase) | 0.98 |

| | | | |
|-------------|--------|--|------|
| 203462_x_at | EIF3B | eukaryotic translation initiation factor 3, subunit B | 0.97 |
| 203484_at | SEC61G | Sec61 gamma subunit | 0.94 |
| 203503_s_at | PEX14 | peroxisomal biogenesis factor 14 | 0.74 |
| 203536_s_at | CIAO1 | cytosolic iron-sulfur protein assembly 1 homolog (<i>S. cerevisiae</i>) | 0.68 |
| 203545_at | ALG8 | asparagine-linked glycosylation 8 homolog (<i>S. cerevisiae</i> , alpha-1,3- glucosyltransferase) | 0.8 |

| | | | |
|-------------|--------|---|-------|
| 203560_at | GGH | gamma-glutamyl hydrolase (conjugase, foylpolypolygammaglutamyl hydrolase) | 1.85 |
| 203601_s_at | ZBTB17 | zinc finger and BTB domain containing 17 | -1.24 |
| 203619_s_at | FAIM2 | Fas apoptotic inhibitory molecule 2 | 0.29 |
| 203632_s_at | GPRC5B | G protein-coupled receptor, family C, group 5, member B | -1.1 |
| 203637_s_at | MID1 | midline 1 (Opitz/BBB syndrome) | -1.43 |

| | | | |
|-------------|-------|---|------|
| 203638_s_at | FGFR2 | fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome) | -2.5 |
|-------------|-------|---|------|

| | | | |
|-------------|--------|---|-------|
| 203639_s_at | FGFR2 | fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome) | -1.67 |
| 203644_s_at | MON1B | MON1 homolog B (yeast) | 0.83 |
| 203664_s_at | POLR2D | polymerase (RNA) II (DNA directed) polypeptide D | 0.63 |

| | | | |
|-------------|--------|--|-------|
| 203666_at | CXCL12 | chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) | -1.79 |
| 203675_at | NUCB2 | nucleobindin 2 | 1.83 |
| 203677_s_at | TARBP2 | TAR (HIV-1) RNA binding protein 2 | 0.54 |
| 203685_at | BCL2 | B-cell CLL/lymphoma 2 | -1.22 |
| 203706_s_at | FZD7 | frizzled homolog 7 (Drosophila) | -2.09 |
| 203709_at | PHKG2 | phosphorylase kinase, gamma 2 (testis) | 0.69 |
| 203728_at | BAK1 | BCL2-antagonist/killer 1 | 0.63 |
| 203733_at | DEXI | dexamethasone-induced transcript | 1.04 |

| | | | |
|-------------|--------|---|-------|
| 203747_at | AQP3 | aquaporin 3 (Gill blood group) | 1.11 |
| 203748_x_at | RBMS1 | RNA binding motif, single stranded interacting protein 1 | -1.2 |
| 203753_at | TCF4 | transcription factor 4 | -1.65 |
| 203761_at | SLA | Src-like-adaptor | -1.28 |
| 203771_s_at | BLVRA | biliverdin reductase A | -0.82 |
| 203773_x_at | BLVRA | biliverdin reductase A | -1.05 |
| 203824_at | TSPAN8 | tetraspanin 8 | -1.91 |
| 203829_at | ELP4 | elongation protein 4 homolog (S. cerevisiae) | 0.67 |
| 203886_s_at | FBLN2 | fibulin 2 | -0.92 |

| | | | |
|-------------|---------|---|-------|
| 203891_s_at | DAPK3 | death-associated protein kinase 3 | -1.47 |
| 203911_at | RAP1GAP | RAP1 GTPase activating protein | 1.17 |
| 203917_at | CXADR | coxsackie virus and adenovirus receptor | -1.18 |
| 203920_at | NR1H3 | nuclear receptor subfamily 1, group H, member 3 | 1.05 |
| 203947_at | CSTF3 | cleavage stimulation factor, 3' pre- RNA, subunit 3, 77kDa | 0.69 |
| 203980_at | FABP4 | fatty acid binding protein 4, adipocyte | -2.49 |

| | | | |
|-------------|---------|---|-------|
| 203989_x_at | F2R | coagulation factor II (thrombin) receptor | -1.53 |
| 203997_at | PTPN3 | protein tyrosine phosphatase, non- receptor type 3 | 1.28 |
| 204001_at | SNAPC3 | small nuclear RNA activating complex, polypeptide 3, 50kDa | 0.57 |
| 204004_at | PAWR | PRKC, apoptosis, WT1, regulator | -0.95 |
| 204019_s_at | SH3YL1 | SH3 domain containing, Ysc84-like 1 (<i>S. cerevisiae</i>) | -2.57 |
| 204028_s_at | RABGAP1 | RAB GTPase activating protein 1 | -0.73 |

| | | | |
|-------------|--------|---|-------|
| 204037_at | EDG2 | endothelial differentiation, lysophosphatidic acid G-protein- coupled receptor, 2 | -0.87 |
| 204058_at | ME1 | malic enzyme 1, NADP(+)- dependent, cytosolic | 1.44 |
| 204066_s_at | CENTG2 | centaurin, gamma 2 | 0.65 |
| 204078_at | SC65 | synaptonemal complex protein SC65 | -0.6 |
| 204079_at | TPST2 | tyrosylprotein sulfotransferase 2 | 1.14 |
| 204083_s_at | TPM2 | tropomyosin 2 (beta) | -1.69 |

| | | | |
|-------------|---------|---|-------|
| 204099_at | SMARCD3 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3 | -0.5 |
| 204131_s_at | FOXO3 | forkhead box O3 | -1.83 |
| 204135_at | FILIP1L | filamin A interacting protein 1-like | -1.98 |
| 204177_s_at | KLHL20 | kelch-like 20 (Drosophila) | -0.72 |
| 204178_s_at | RBM14 | RNA binding motif protein 14 | 0.85 |
| 204186_s_at | PPID | peptidylprolyl isomerase D (cyclophilin D) | 1.14 |
| 204191_at | IFNAR1 | interferon (alpha, beta and omega) | 0.84 |

| | | | |
|-------------|----------|--|-------|
| | | receptor 1 | |
| 204207_s_at | RNGTT | RNA guanylyltransferase and 5'-phosphatase | 0.72 |
| 204218_at | C11orf51 | chromosome 11 open reading frame 51 | 0.59 |
| 204220_at | GMFG | glia maturation factor, gamma | -1.27 |
| 204225_at | HDAC4 | histone deacetylase 4 | 0.65 |
| 204259_at | MMP7 | matrix metalloproteinase 7 (matrilysin, uterine) | -2.24 |
| 204272_at | LGALS4 | lectin, galactoside-binding, soluble, 4 (galectin 4) | -2.1 |

| | | | |
|-------------|---------|--|-------|
| 204288_s_at | SORBS2 | sorbin and SH3 domain containing 2 | -0.83 |
| 204345_at | COL16A1 | collagen, type XVI, alpha 1 | -1.32 |
| 204363_at | F3 | coagulation factor III (thromboplastin, tissue factor) | -2.61 |
| 204370_at | CLP1 | CLP1, cleavage and polyadenylation factor I subunit, homolog (S. cerevisiae) | 0.81 |
| 204408_at | APEX2 | APEX nuclease (apurinic/aprimidinic endonuclease) 2 | 0.72 |

| | | | |
|-------------|--------|---|-------|
| 204427_s_at | TMED2 | transmembrane emp24 domain trafficking protein 2 | 1.33 |
| 204472_at | GEM | GTP binding protein overexpressed in skeletal muscle | -3.11 |
| 204474_at | ZNF142 | zinc finger protein 142 | 0.7 |
| 204476_s_at | PC | pyruvate carboxylase | 1.66 |
| 204514_at | DPH2 | DPH2 homolog (<i>S. cerevisiae</i>) | 0.52 |
| 204528_s_at | NAP1L1 | nucleosome assembly protein 1-like 1 | -1.05 |
| 204570_at | COX7A1 | cytochrome c oxidase subunit VIIa polypeptide 1 (muscle) | -1.22 |

| | | | |
|-------------|----------|---|-------|
| 204594_s_at | SMCR7L | Smith-Magenis syndrome chromosome region, candidate 7-like | 1.19 |
| 204620_s_at | VCAN | versican | -2.08 |
| 204623_at | TFF3 | trefoil factor 3 (intestinal) | -0.6 |
| 204624_at | ATP7B | ATPase, Cu ⁺⁺ transporting, beta polypeptide | 1.2 |
| 204632_at | RPS6KA4 | ribosomal protein S6 kinase, 90kDa, polypeptide 4 | 0.81 |
| 204667_at | FOXA1 | forkhead box A1 | 0.98 |
| 204670_x_at | HLA-DRB5 | major histocompatibility complex, class II, DR beta 5 | -1.99 |

| | | | |
|-------------|---------|--|-------|
| 204681_s_at | RAPGEF5 | Rap guanine nucleotide exchange factor (GEF) 5 | -1.92 |
| 204737_s_at | MYH7 | myosin, heavy chain 7, cardiac muscle, beta | -1.12 |
| 204803_s_at | RRAD | Ras-related associated with diabetes | -1.28 |
| 204812_at | ZW10 | ZW10, kinetochore associated, homolog (Drosophila) | 0.94 |
| 204816_s_at | DHX34 | DEAH (Asp-Glu-Ala-His) box polypeptide 34 | -0.56 |
| 204828_at | RAD9A | RAD9 homolog A (S. pombe) | 0.44 |
| 204841_s_at | EEA1 | early endosome antigen 1 | 0.29 |

| | | | |
|-------------|-------|---|-------|
| 204867_at | GCHFR | GTP cyclohydrolase I feedback regulator | 1.08 |
| 204925_at | CTNS | cystinosis, nephropathic | 0.91 |
| 204982_at | GIT2 | G protein-coupled receptor kinase interactor 2 | -0.55 |
| 204983_s_at | GPC4 | glypican 4 | -0.52 |
| 205037_at | RABL4 | RAB, member of RAS oncogene family-like 4 | 0.92 |
| 205040_at | ORM1 | orosomuroid 1 | 0.78 |
| 205041_s_at | ORM1 | orosomuroid 1 | 0.73 |
| 205115_s_at | RBM19 | RNA binding motif protein 19 | 0.6 |
| 205116_at | LAMA2 | laminin, alpha 2 (merosin, congenital muscular dystrophy) | -1.89 |

| | | | |
|-------------|---------|---|-------|
| 205130_at | RAGE | renal tumor antigen | -0.82 |
| 205131_x_at | CLEC11A | C-type lectin domain family 11, member A | -0.63 |
| 205219_s_at | GALK2 | galactokinase 2 | 1.03 |
| 205234_at | SLC16A4 | solute carrier family 16, member 4 (monocarboxylic acid transporter 5) | -1.07 |
| 205258_at | INHBB | inhibin, beta B | -1.53 |
| 205273_s_at | PITRM1 | pitrilysin metallopeptidase 1 | 1.11 |
| 205308_at | C8orf70 | chromosome 8 open reading frame 70 | -0.66 |
| 205328_at | CLDN10 | claudin 10 | -2.24 |

| | | | |
|-------------|--------|--|-------|
| | | | |
| 205345_at | BARD1 | BRCA1 associated RING domain 1 | -1.04 |
| 205376_at | INPP4B | inositol polyphosphate-4-phosphatase, type II, 105kDa | -0.56 |
| 205419_at | EBI2 | Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor) | -2.11 |
| 205422_s_at | ITGBL1 | integrin, beta-like 1 (with EGF-like repeat domains) | -2.77 |
| 205426_s_at | HIP1 | huntingtin interacting protein 1 | 0.57 |
| 205442_at | MFAP3L | microfibrillar-associated protein 3-like | 1.9 |

| | | | |
|-------------|---------|---|-------|
| 205478_at | PPP1R1A | protein phosphatase 1, regulatory (inhibitor) subunit 1A | 1.76 |
| 205486_at | TESK2 | testis-specific kinase 2 | 0.56 |
| 205517_at | GATA4 | GATA binding protein 4 | 0.9 |
| 205536_at | VAV2 | vav 2 guanine nucleotide exchange factor | 0.76 |
| 205541_s_at | GSPT2 | G1 to S phase transition 2 | 1.07 |
| 205547_s_at | TAGLN | transgelin | -2.23 |
| 205639_at | AOAH | acyloxyacyl hydrolase (neutrophil) | -0.79 |
| 205650_s_at | FGA | fibrinogen alpha chain | 0.48 |

| | | | |
|-------------|--------|--|-------|
| 205674_x_at | FXYD2 | FXYD domain containing ion transport regulator 2 | -2.62 |
| 205677_s_at | DLEU1 | deleted in lymphocytic leukemia, 1 | 1.21 |
| 205696_s_at | GFRA1 | GDNF family receptor alpha 1 | 0.43 |
| 205702_at | PHTF1 | putative homeodomain transcription factor 1 | 0.53 |
| 205763_s_at | DDX18 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 | 0.76 |
| 205775_at | FAM50B | family with sequence similarity 50, member B | 0.86 |

| | | | |
|-------------|--------|--|-------|
| 205777_at | DUSP9 | dual specificity phosphatase 9 | -0.77 |
| 205798_at | IL7R | interleukin 7 receptor | -3.29 |
| 205821_at | KLRK1 | killer cell lectin-like receptor subfamily K, member 1 | -0.95 |
| 205882_x_at | ADD3 | adducin 3 (gamma) | -0.99 |
| 205890_s_at | UBD | ubiquitin D | -2.91 |
| 205897_at | NFATC4 | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 | 0.74 |
| 205909_at | POLE2 | polymerase (DNA directed), epsilon 2 (p59 subunit) | 0.74 |

| | | | |
|-------------|----------|---|-------|
| 205934_at | PLCL1 | phospholipase C-like 1 | -0.3 |
| 205938_at | PPM1E | protein phosphatase 1E (PP2C domain containing) | 0.42 |
| 205955_at | | NA | 0.29 |
| 206005_s_at | KIAA1009 | KIAA1009 | -0.61 |
| 206007_at | PRG4 | proteoglycan 4 | 2.08 |
| 206015_s_at | FOXJ3 | forkhead box J3 | -0.87 |
| 206070_s_at | EPHA3 | EPH receptor A3 | -3.18 |
| 206080_at | PLCH2 | phospholipase C, eta 2 | -0.78 |
| 206093_x_at | TNXB | tenascin XB | -1.03 |
| 206116_s_at | TPM1 | tropomyosin 1 (alpha) | -1.63 |
| 206129_s_at | ARSB | arylsulfatase B | 0.31 |

| | | | |
|-------------|---------|---|-------|
| 206141_at | MOCS3 | molybdenum cofactor synthesis 3 | 0.4 |
| 206153_at | CYP4F11 | cytochrome P450, family 4, subfamily F, polypeptide 11 | 1.44 |
| 206180_x_at | ZNF747 | zinc finger protein 747 | 0.75 |
| 206192_at | CDSN | corneodesmosin | 0.75 |
| 206221_at | RASA3 | RAS p21 protein activator 3 | -0.51 |
| 206225_at | ZNF507 | zinc finger protein 507 | 0.73 |
| 206256_at | CPN1 | carboxypeptidase N, polypeptide 1 | 1.74 |
| 206332_s_at | IFI16 | interferon, gamma-inducible protein 16 | -2 |

| | | | |
|-------------|----------|---|-------|
| 206336_at | CXCL6 | chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2) | -2.98 |
| 206385_s_at | ANK3 | ankyrin 3, node of Ranvier (ankyrin G) | -2.77 |
| 206419_at | RORC | RAR-related orphan receptor C | 0.9 |
| 206421_s_at | SERPINB7 | serpin peptidase inhibitor, clade B (ovalbumin), member 7 | 0.56 |
| 206453_s_at | NDRG2 | NDRG family member 2 | -0.95 |
| 206468_s_at | KIAA0859 | KIAA0859 | 0.88 |
| 206510_at | SIX2 | SIX homeobox 2 | 0.43 |

| | | | |
|-------------|---------|--|-------|
| 206570_s_at | PSG11 | pregnancy specific beta-1-glycoprotein 11 | 0.36 |
| 206580_s_at | EFEMP2 | EGF-containing fibulin-like extracellular matrix protein 2 | -0.66 |
| 206590_x_at | DRD2 | dopamine receptor D2 | 0.49 |
| 206592_s_at | AP3D1 | adaptor-related protein complex 3, delta 1 subunit | 0.99 |
| 206666_at | GZMK | granzyme K (granzyme 3; tryptase II) | -1.56 |
| 206682_at | CLEC10A | C-type lectin domain family 10, member A | -0.95 |

| | | | |
|-------------|---------|--|-------|
| 206688_s_at | CPSF4 | cleavage and polyadenylation specific factor 4, 30kDa | 0.56 |
| 206732_at | SLITRK3 | SLIT and NTRK-like family, member 3 | 1.03 |
| 206827_s_at | TRPV6 | transient receptor potential cation channel, subfamily V, member 6 | -0.76 |
| 206893_at | SALL1 | sal-like 1 (Drosophila) | 1.65 |
| 206946_at | HCN4 | hyperpolarization activated cyclic nucleotide-gated potassium channel 4 | 0.37 |

| | | | |
|-------------|---------|---|-------|
| 206963_s_at | NAT8B | N-acetyltransferase 8B (gene/pseudogene) | -2.47 |
| 206974_at | CXCR6 | chemokine (C-X-C motif) receptor 6 | -0.87 |
| 207051_at | SLC17A4 | solute carrier family 17 (sodium phosphate), member 4 | -1.25 |
| 207097_s_at | SLC17A2 | solute carrier family 17 (sodium phosphate), member 2 | 2.22 |
| 207129_at | CA5B | carbonic anhydrase VB, mitochondrial | 0.89 |
| 207220_at | ART4 | ADP-ribosyltransferase 4 (Dombrock blood group) | -1.28 |

| | | | |
|-------------|----------|---|-------|
| | | | |
| 207233_s_at | MITF | microphthalmia-associated transcription factor | -1.24 |
| 207309_at | NOS1 | nitric oxide synthase 1 (neuronal) | 0.45 |
| 207339_s_at | LTB | lymphotoxin beta (TNF superfamily, member 3) | -0.69 |
| 207408_at | SLC22A14 | solute carrier family 22 (organic cation transporter), member 14 | 0.82 |
| 207409_at | LECT2 | leukocyte cell-derived chemotaxin 2 | -1.98 |

| | | | |
|-------------|---------|---|-------|
| 207434_s_at | FXYD2 | FXYD domain containing ion transport regulator 2 | -2.47 |
| 207468_s_at | SFRP5 | secreted frizzled-related protein 5 | -1.22 |
| 207519_at | SLC6A4 | solute carrier family 6 (neurotransmitter transporter, serotonin), member 4 | 0.54 |
| 207542_s_at | AQP1 | aquaporin 1 (Colton blood group) | -1.98 |
| 207601_at | SULT1B1 | sulfotransferase family, cytosolic, 1B, member 1 | 1.07 |
| 207651_at | GPR171 | G protein-coupled receptor 171 | -1.97 |

| | | | |
|-------------|---------|---|-------|
| 207668_x_at | PDIA6 | protein disulfide isomerase family A, member 6 | 1.19 |
| 207687_at | INHBC | inhibin, beta C | 1.08 |
| 207724_s_at | SPAST | spastin | 0.43 |
| 207770_x_at | CSH2 | chorionic somatomammotropin hormone 2 | 0.5 |
| 207812_s_at | GORASP2 | golgi reassembly stacking protein 2, 55kDa | 1.43 |
| 207871_s_at | ST7 | suppression of tumorigenicity 7 | 1.23 |
| 207961_x_at | MYH11 | myosin, heavy chain 11, smooth muscle | -1.11 |
| 207977_s_at | DPT | dermatopontin | -2.14 |
| 208087_s_at | ZBP1 | Z-DNA binding protein 1 | -0.62 |

| | | | |
|-------------|---------|--|-------|
| 208114_s_at | ISG20L2 | interferon stimulated exonuclease gene 20kDa-like 2 | 0.75 |
| 208116_s_at | MAN1A1 | mannosidase, alpha, class 1A, member 1 | 1.9 |
| 208210_at | MAS1 | MAS1 oncogene | 0.84 |
| 208221_s_at | SLIT1 | slit homolog 1 (Drosophila) | -0.63 |

| | | | |
|-------------|---------|---|-------|
| 208228_s_at | FGFR2 | fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome) | -2.23 |
| 208247_at | C3orf51 | chromosome 3 open reading frame 51 | -0.77 |
| 208250_s_at | DMBT1 | deleted in malignant brain tumors 1 | 0.67 |

| | | | |
|-------------|----------|--|-------|
| 208260_at | AVPR1B | arginine vasopressin receptor 1B | 0.87 |
| 208306_x_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | -1.97 |
| 208337_s_at | NR5A2 | nuclear receptor subfamily 5, group A, member 2 | 0.63 |
| 208343_s_at | NR5A2 | nuclear receptor subfamily 5, group A, member 2 | 0.95 |
| 208395_s_at | URB1 | URB1 ribosome biogenesis 1 homolog (<i>S. cerevisiae</i>) | 0.37 |

| | | | |
|-------------|---------|---|-------|
| 208424_s_at | CIAPIN1 | cytokine induced apoptosis inhibitor 1 | 0.83 |
| 208447_s_at | PRPS1 | phosphoribosyl pyrophosphate synthetase 1 | 0.9 |
| 208459_s_at | XPO7 | exportin 7 | 0.55 |
| 208463_at | GABRA4 | gamma-aminobutyric acid (GABA) A receptor, alpha 4 | 0.53 |
| 208465_at | GRM2 | glutamate receptor, metabotropic 2 | 0.48 |
| 208478_s_at | BAX | BCL2-associated X protein | -0.72 |
| 208529_at | BTF3L1 | basic transcription factor 3, like 1 | -0.7 |
| 208582_s_at | DUX3 | double homeobox, 3 | -0.75 |

| | | | |
|-------------|----------|---|-------|
| 208598_s_at | HUWE1 | HECT, UBA and WWE domain containing 1 | 0.8 |
| 208608_s_at | SNTB1 | syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1) | 1.16 |
| 208623_s_at | VIL2 | villin 2 (ezrin) | -1.35 |
| 208625_s_at | EIF4G1 | eukaryotic translation initiation factor 4 gamma, 1 | 0.77 |
| 208638_at | ATP6V1C2 | ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C2 | 1.17 |

| | | | |
|-------------|-------|---|-------|
| 208639_x_at | PDIA6 | protein disulfide isomerase family A, member 6 | 1.33 |
| 208644_at | PARP1 | poly (ADP-ribose) polymerase family, member 1 | 0.94 |
| 208649_s_at | VCP | valosin-containing protein | 0.75 |
| 208656_s_at | CCNI | cyclin I | -0.81 |
| 208658_at | PDIA4 | protein disulfide isomerase family A, member 4 | 1.2 |
| 208659_at | CLIC1 | chloride intracellular channel 1 | -0.98 |
| 208664_s_at | TTC3 | tetratricopeptide repeat domain 3 | 0.61 |
| 208683_at | CAPN2 | calpain 2, (m/II) large subunit | -1.13 |
| 208748_s_at | FLOT1 | flotillin 1 | 0.59 |

| | | | |
|-------------|---------|--|-------|
| 208751_at | NAPA | N-ethylmaleimide-sensitive factor attachment protein, alpha | 1.2 |
| 208752_x_at | NAP1L1 | nucleosome assembly protein 1-like 1 | -1.17 |
| 208754_s_at | NAP1L1 | nucleosome assembly protein 1-like 1 | -1.26 |
| 208758_at | ATIC | 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase | 0.77 |
| 208763_s_at | TSC22D3 | TSC22 domain family, member 3 | -2.22 |

| | | | |
|-------------|---------|---|-------|
| 208789_at | PTRF | polymerase I and transcript release factor | -1.23 |
| 208797_s_at | GOLGA8A | golgi autoantigen, golgin subfamily a, 8A | -1.03 |
| 208800_at | SRP72 | signal recognition particle 72kDa | 1.44 |
| 208819_at | RAB8A | RAB8A, member RAS oncogene family | 0.79 |
| 208827_at | PSMB6 | proteasome (prosome, macropain) subunit, beta type, 6 | 0.77 |
| 208828_at | POLE3 | polymerase (DNA directed), epsilon 3 (p17 subunit) | 1.18 |

| | | | |
|-------------|-----------|--|-------|
| 208836_at | ATP1B3 | ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide | -2.1 |
| 208853_s_at | CANX | calnexin | 1.34 |
| 208868_s_at | GABARAPL1 | GABA(A) receptor-associated protein like 1 | -1.41 |
| 208869_s_at | GABARAPL1 | GABA(A) receptor-associated protein like 1 | -1.11 |
| 208875_s_at | PAK2 | p21 (CDKN1A)-activated kinase 2 | 1.09 |
| 208894_at | HLA-DRA | major histocompatibility complex, class II, DR alpha | -2.44 |
| 208910_s_at | C1QBP | complement component 1, q subcomponent binding protein | 1.31 |

| | | | |
|-------------|----------|---|-------|
| 208918_s_at | NADK | NAD kinase | 1.35 |
| 208919_s_at | NADK | NAD kinase | 1.14 |
| 208949_s_at | LGALS3 | lectin, galactoside-binding, soluble, 3 | -3.3 |
| 208960_s_at | KLF6 | Kruppel-like factor 6 | -1.96 |
| 208961_s_at | KLF6 | Kruppel-like factor 6 | -2.03 |
| 208965_s_at | PYHIN1 | pyrin and HIN domain family, member 1 | -1.8 |
| 208966_x_at | IFI16 | interferon, gamma-inducible protein 16 | -1.85 |
| 209003_at | SLC25A11 | solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 | 1.22 |
| 209016_s_at | KRT7 | keratin 7 | -1.9 |

| | | | |
|-------------|----------|---|-------|
| | | | |
| 209017_s_at | LONP1 | lon peptidase 1, mitochondrial | 0.92 |
| 209018_s_at | PINK1 | PTEN induced putative kinase 1 | 0.99 |
| 209021_x_at | KIAA0652 | KIAA0652 | 0.92 |
| 209036_s_at | MDH2 | malate dehydrogenase 2, NAD (mitochondrial) | 1.2 |
| 209047_at | AQP1 | aquaporin 1 (Colton blood group) | -3.11 |
| 209061_at | NCOA3 | nuclear receptor coactivator 3 | -0.74 |
| 209099_x_at | JAG1 | jagged 1 (Alagille syndrome) | -1.58 |
| 209100_at | IFRD2 | interferon-related developmental regulator 2 | 1.07 |

| | | | |
|-------------|--------|--|-------|
| 209101_at | CTGF | connective tissue growth factor | -3.67 |
| 209103_s_at | UFD1L | ubiquitin fusion degradation 1 like (yeast) | 0.76 |
| 209117_at | WBP2 | WW domain binding protein 2 | 1.25 |
| 209118_s_at | TUBA1A | tubulin, alpha 1a | -1.57 |
| 209138_x_at | IGL@ | immunoglobulin lambda locus | -3.04 |
| 209158_s_at | PSCD2 | pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2) | -0.84 |
| 209163_at | CYB561 | cytochrome b-561 | 0.88 |
| 209164_s_at | CYB561 | cytochrome b-561 | 0.93 |

| | | | |
|-------------|----------|---|-------|
| 209183_s_at | C10orf10 | chromosome 10 open reading frame 10 | -2.24 |
| 209186_at | ATP2A2 | ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2 | 1.46 |
| 209195_s_at | ADCY6 | adenylate cyclase 6 | 0.61 |
| 209201_x_at | CXCR4 | chemokine (C-X-C motif) receptor 4 | -2.2 |
| 209219_at | RDBP | RD RNA binding protein | -0.69 |
| 209234_at | KIF1B | kinesin family member 1B | 0.95 |
| 209256_s_at | KIAA0265 | KIAA0265 protein | 0.9 |
| 209279_s_at | NSDHL | NAD(P) dependent steroid dehydrogenase-like | 1.08 |

| | | | |
|-------------|----------|--|-------|
| 209283_at | CRYAB | crystallin, alpha B | -2.72 |
| 209286_at | CDC42EP3 | CDC42 effector protein (Rho GTPase binding) 3 | -1.8 |
| 209289_at | NFIB | nuclear factor I/B | -1.08 |
| 209291_at | ID4 | inhibitor of DNA binding 4, dominant negative helix-loop-helix protein | -2.97 |
| 209300_s_at | NECAP1 | NECAP endocytosis associated 1 | 0.79 |
| 209311_at | BCL2L2 | BCL2-like 2 | 0.73 |
| 209312_x_at | HLA-DRB1 | major histocompatibility complex, class II, DR beta 1 | -2.24 |

| | | | |
|-------------|--------|--|-------|
| 209334_s_at | PSMD9 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 9 | 0.4 |
| 209335_at | DCN | decorin | -2.08 |
| 209345_s_at | PI4K2A | phosphatidylinositol 4-kinase type 2 alpha | 0.96 |
| 209370_s_at | SH3BP2 | SH3-domain binding protein 2 | 0.71 |
| 209391_at | DPM2 | dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit | 0.78 |

| | | | |
|-------------|----------|--|-------|
| 209392_at | ENPP2 | ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin) | -2.48 |
| 209432_s_at | CREB3 | cAMP responsive element binding protein 3 | 0.92 |
| 209442_x_at | ANK3 | ankyrin 3, node of Ranvier (ankyrin G) | -1.55 |
| 209444_at | RAP1GDS1 | RAP1, GTP-GDP dissociation stimulator 1 | 1.33 |

| | | | |
|-------------|--------|---|------|
| 209509_s_at | DPAGT1 | dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase) | 1.53 |
| 209522_s_at | CRAT | carnitine acetyltransferase | 1.37 |
| 209532_at | PLAA | phospholipase A2-activating protein | 0.46 |
| 209533_s_at | PLAA | phospholipase A2-activating protein | 0.99 |
| 209585_s_at | MINPP1 | multiple inositol polyphosphate histidine phosphatase, 1 | 1.13 |

| | | | |
|-------------|--------|--|-------|
| 209606_at | PSCDBP | pleckstrin homology, Sec7 and coiled-coil domains, binding protein | -2.1 |
| 209610_s_at | SLC1A4 | solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 | 1.69 |
| 209611_s_at | SLC1A4 | solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 | 0.42 |
| 209619_at | CD74 | CD74 molecule, major histocompatibility complex, class II invariant chain | -2.07 |

| | | | |
|-------------|----------|--|-------|
| 209621_s_at | PDLIM3 | PDZ and LIM domain 3 | -1.38 |
| 209624_s_at | MCCC2 | methylcrotonoyl-Coenzyme A carboxylase 2 (beta) | 0.96 |
| 209665_at | CYB561D2 | cytochrome b-561 domain containing 2 | 1.01 |
| 209681_at | SLC19A2 | solute carrier family 19 (thiamine transporter), member 2 | -1.85 |
| 209687_at | CXCL12 | chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) | -1.6 |
| 209706_at | NKX3-1 | NK3 homeobox 1 | 0.55 |
| 209771_x_at | CD24 | CD24 molecule | -2.17 |

| | | | |
|-------------|---------|--|-------|
| 209785_s_at | PLA2G4C | phospholipase A2, group IVC (cytosolic, calcium-independent) | -0.96 |
| 209795_at | CD69 | CD69 molecule | -2.65 |
| 209824_s_at | ARNTL | aryl hydrocarbon receptor nuclear translocator-like | 1.38 |
| 209852_x_at | PSME3 | proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) | 0.91 |
| 209864_at | FRAT2 | frequently rearranged in advanced T- cell lymphomas 2 | 0.6 |

| | | | |
|-------------|----------|---|-------|
| 209875_s_at | SPP1 | secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1) | -3.72 |
| 209910_at | SLC25A16 | solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16 | 0.54 |
| 209937_at | TM4SF4 | transmembrane 4 L six family member 4 | -1.05 |
| 209998_at | PIGO | phosphatidylinositol glycan anchor biosynthesis, class O | 0.66 |

| | | | |
|-------------|-------|--|-------|
| 209999_x_at | SOCS1 | suppressor of cytokine signaling 1 | 0.58 |
| 210002_at | GATA6 | GATA binding protein 6 | -1.44 |
| 210022_at | PCGF1 | polycomb group ring finger 1 | 0.6 |
| 210045_at | IDH2 | isocitrate dehydrogenase 2 (NADP+), mitochondrial | 1.65 |
| 210046_s_at | IDH2 | isocitrate dehydrogenase 2 (NADP+), mitochondrial | 1.43 |
| 210072_at | CCL19 | chemokine (C-C motif) ligand 19 | -2.76 |
| 210075_at | 2-Mar | membrane-associated ring finger (C3HC4) 2 | 0.63 |

| | | | |
|-------------|--------|---|-------|
| 210082_at | ABCA4 | ATP-binding cassette, sub-family A (ABC1), member 4 | 0.71 |
| 210114_at | INVS | inversin | 0.74 |
| 210139_s_at | PMP22 | peripheral myelin protein 22 | -1.38 |
| 210142_x_at | FLOT1 | flotillin 1 | 0.72 |
| 210275_s_at | ZFAND5 | zinc finger, AN1-type domain 5 | -1.4 |
| 210287_s_at | FLT1 | fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) | -0.51 |
| 210289_at | NAT8 | N-acetyltransferase 8 | -2.69 |
| 210293_s_at | SEC23B | Sec23 homolog B (<i>S. cerevisiae</i>) | 1.42 |

| | | | |
|-------------|---------|---|-------|
| | | | |
| 210307_s_at | KLHL25 | kelch-like 25 (Drosophila) | 0.72 |
| 210343_s_at | SLC22A6 | solute carrier family 22 (organic anion transporter), member 6 | -1.07 |
| 210385_s_at | ARTS-1 | type 1 tumor necrosis factor receptor shedding aminopeptidase regulator | 1.11 |
| 210397_at | DEFB1 | defensin, beta 1 | -3.64 |
| 210427_x_at | ANXA2 | annexin A2 | -1.23 |
| 210434_x_at | JTB | jumping translocation breakpoint | 0.63 |
| 210443_x_at | OGFR | opioid growth factor receptor | 0.81 |

| | | | |
|-------------|----------|--|-------|
| 210483_at | MGC31957 | hypothetical protein MGC31957 | -1.56 |
| 210541_s_at | TRIM27 | tripartite motif-containing 27 | 0.95 |
| 210582_s_at | LIMK2 | LIM domain kinase 2 | 0.78 |
| 210592_s_at | SAT1 | spermidine/spermine N1-acetyltransferase 1 | -1 |
| 210613_s_at | SYNGR1 | synaptogyrin 1 | -0.63 |
| 210622_x_at | CDK10 | cyclin-dependent kinase (CDC2-like) 10 | 1.03 |
| 210627_s_at | GCS1 | glucosidase I | 0.8 |
| 210632_s_at | SGCA | sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein) | -0.96 |

| | | | |
|-------------|----------|--|-------|
| 210633_x_at | KRT10 | keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris) | 0.81 |
| 210639_s_at | ATG5 | ATG5 autophagy related 5 homolog (S. cerevisiae) | 0.94 |
| 210667_s_at | C21orf33 | chromosome 21 open reading frame 33 | 0.99 |
| 210683_at | NRTN | neurturin | 1.2 |
| 210692_s_at | SLC43A3 | solute carrier family 43, member 3 | 1.66 |
| 210715_s_at | SPINT2 | serine peptidase inhibitor, Kunitz type, 2 | -2.08 |
| 210752_s_at | MLX | MAX-like protein X | 0.37 |

| | | | |
|-------------|-----------|--|-------|
| 210753_s_at | EPHB1 | EPH receptor B1 | 0.65 |
| 210757_x_at | DAB2 | disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) | -1.19 |
| 210764_s_at | CYR61 | cysteine-rich, angiogenic inducer, 61 | -2.64 |
| 210822_at | LOC283345 | RPL13-2 pseudogene | 0.53 |
| 210835_s_at | CTBP2 | C-terminal binding protein 2 | -1.29 |
| 210839_s_at | ENPP2 | ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin) | -1.71 |

| | | | |
|-------------|-----------|--|-------|
| 210868_s_at | ELOVL6 | ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast) | 1.63 |
| 210879_s_at | RAB11FIP5 | RAB11 family interacting protein 5 (class I) | -0.56 |
| 210896_s_at | ASPH | aspartate beta-hydroxylase | 0.88 |
| 210904_s_at | IL13RA1 | interleukin 13 receptor, alpha 1 | 1.57 |
| 210908_s_at | PFDN5 | prefoldin subunit 5 | -0.79 |
| 210915_x_at | TRBC1 | T cell receptor beta constant 1 | -1.45 |

| | | | |
|-------------|---------|--|-------|
| 210942_s_at | ST3GAL6 | ST3 beta-galactoside alpha-2,3-sialyltransferase 6 | 1.82 |
| 210951_x_at | RAB27A | RAB27A, member RAS oncogene family | 1.27 |
| 210963_s_at | GYG2 | glycogenin 2 | 0.96 |
| 210964_s_at | GYG2 | glycogenin 2 | 1.48 |
| 210971_s_at | ARNTL | aryl hydrocarbon receptor nuclear translocator-like | 1.16 |
| 210975_x_at | FASTK | Fas-activated serine/threonine kinase | 0.65 |
| 210982_s_at | HLA-DRA | major histocompatibility complex, class II, DR alpha | -2.61 |
| 210986_s_at | TPM1 | tropomyosin 1 (alpha) | -1.43 |

| | | | |
|-------------|----------|--|------|
| 210996_s_at | YWHAE | tyrosine 3- monooxygenase/tryptophan 5- monooxygenase activation protein, epsilon polypeptide | 0.83 |
| 211034_s_at | FLJ30092 | AF-1 specific protein phosphatase | 0.61 |
| 211048_s_at | PDIA4 | protein disulfide isomerase family A, member 4 | 1.57 |
| 211061_s_at | MGAT2 | mannosyl (alpha-1,6)-glycoprotein beta-1,2-N- acetylglucosaminyltransferase | 1.11 |
| 211098_x_at | TMCO1 | transmembrane and coiled-coil domains 1 | 0.61 |

| | | | |
|-------------|--------|---|------|
| | | | |
| 211136_s_at | CLPTM1 | cleft lip and palate associated transmembrane protein 1 | 1.12 |
| 211139_s_at | NAB1 | NGFI-A binding protein 1 (EGR1 binding protein 1) | 0.66 |
| 211150_s_at | DLAT | dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) | 1.16 |

| | | | |
|-------------|--------|---|-------|
| 211155_s_at | THPO | thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor) | 1 |
| 211286_x_at | CSF2RA | colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) | -0.68 |
| 211318_s_at | RAE1 | RAE1 RNA export 1 homolog (S. pombe) | 0.49 |

| | | | |
|-------------|-----------|---|-------|
| 211368_s_at | CASP1 | caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | -1.38 |
| 211430_s_at | IGHG3 | immunoglobulin heavy constant gamma 3 (G3m marker) | -3.24 |
| 211458_s_at | GABARAPL3 | GABA(A) receptors associated protein like 3 | -1.14 |
| 211489_at | ADRA1A | adrenergic, alpha-1A-, receptor | 1.84 |
| 211622_s_at | ARF3 | ADP-ribosylation factor 3 | 0.82 |
| 211642_at | | NA | -0.48 |
| 211645_x_at | | NA | -2.7 |
| 211651_s_at | LAMB1 | laminin, beta 1 | -1.38 |

| | | | |
|-------------|----------|--|-------|
| 211652_s_at | LBP | lipopolysaccharide binding protein | 1.6 |
| 211656_x_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | -1.44 |
| 211709_s_at | CLEC11A | C-type lectin domain family 11, member A | -1 |
| 211717_at | ANKRD40 | ankyrin repeat domain 40 | 0.58 |
| 211748_x_at | PTGDS | prostaglandin D2 synthase 21kDa (brain) | -2.24 |
| 211774_s_at | MMACHC | methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria | 1.24 |

| | | | |
|-------------|----------|---|-------|
| 211793_s_at | ABI2 | abl interactor 2 | 0.82 |
| 211796_s_at | TRBC1 | T cell receptor beta constant 1 | -1.59 |
| 211813_x_at | DCN | decorin | -2 |
| 211831_s_at | THPO | thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor) | 0.68 |
| 211855_s_at | SLC25A14 | solute carrier family 25 (mitochondrial carrier, brain), member 14 | 0.46 |
| 211896_s_at | DCN | decorin | -1.96 |

| | | | |
|-------------|--------|---|-------|
| 211901_s_at | PDE4A | phosphodiesterase 4A, cAMP-specific (phosphodiesterase E2 duncce homolog, Drosophila) | -0.89 |
| 211919_s_at | CXCR4 | chemokine (C-X-C motif) receptor 4 | -2.34 |
| 211936_at | HSPA5 | heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) | 1.22 |
| 211964_at | COL4A2 | collagen, type IV, alpha 2 | -2.05 |
| 211974_x_at | RBPJ | recombination signal binding protein for immunoglobulin kappa J region | -1.09 |

| | | | |
|-------------|----------|---|-------|
| 211980_at | COL4A1 | collagen, type IV, alpha 1 | -2.14 |
| 211986_at | AHNAK | AHNAK nucleoprotein | -1.39 |
| 211990_at | HLA-DPA1 | major histocompatibility complex, class II, DP alpha 1 | -2.53 |
| 211991_s_at | HLA-DPA1 | major histocompatibility complex, class II, DP alpha 1 | -2.59 |
| 211996_s_at | LOC23117 | KIAA0220-like protein | -1.62 |
| 212003_at | C1orf144 | chromosome 1 open reading frame 144 | 0.64 |
| 212006_at | UBXD2 | UBX domain containing 2 | 0.98 |
| 212036_s_at | PNN | pinin, desmosome associated protein | -1.34 |

| | | | |
|-------------|----------|--|------|
| 212041_at | ATP6V0D1 | ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1 | 0.82 |
| 212048_s_at | YARS | tyrosyl-tRNA synthetase | 1.1 |
| 212052_s_at | TBC1D9B | TBC1 domain family, member 9B (with GRAM domain) | 0.9 |
| 212083_at | TEX261 | testis expressed 261 | 1.07 |
| 212090_at | GRINA | glutamate receptor, ionotropic, N- methyl D-aspartate-associated protein 1 (glutamate binding) | 1.12 |

| | | | |
|-----------|----------|--|-------|
| 212110_at | SLC39A14 | solute carrier family 39 (zinc transporter), member 14 | 1.02 |
| 212145_at | MRPS27 | mitochondrial ribosomal protein S27 | 0.93 |
| 212151_at | PBX1 | pre-B-cell leukemia homeobox 1 | -1.04 |
| 212160_at | XPOT | exportin, tRNA (nuclear export receptor for tRNAs) | 1.72 |
| 212165_at | TMEM183A | transmembrane protein 183A | 0.69 |
| 212174_at | AK2 | adenylate kinase 2 | 0.89 |
| 212186_at | ACACA | acetyl-Coenzyme A carboxylase alpha | 1.29 |

| | | | |
|-------------|---------|---|-------|
| 212187_x_at | PTGDS | prostaglandin D2 synthase 21kDa (brain) | -2.34 |
| 212188_at | KCTD12 | potassium channel tetramerisation domain containing 12 | -1.86 |
| 212192_at | KCTD12 | potassium channel tetramerisation domain containing 12 | -1.9 |
| 212202_s_at | TMEM87A | transmembrane protein 87A | -1.21 |
| 212204_at | TMEM87A | transmembrane protein 87A | -0.94 |
| 212245_at | MCFD2 | multiple coagulation factor deficiency 2 | 1.57 |
| 212246_at | MCFD2 | multiple coagulation factor deficiency 2 | 1.32 |

| | | | |
|-------------|----------|--|-------|
| 212248_at | MTDH | metadherin | 1.24 |
| 212250_at | MTDH | metadherin | 1.34 |
| 212276_at | LPIN1 | lipin 1 | 1.09 |
| 212300_at | TXLNA | taxilin alpha | 1.14 |
| 212314_at | KIAA0746 | KIAA0746 protein | -1.33 |
| 212356_at | KIAA0323 | KIAA0323 | 1.05 |
| 212357_at | KIAA0280 | KIAA0280 | 0.75 |
| 212361_s_at | ATP2A2 | ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2 | 1.61 |
| 212372_at | MYH10 | myosin, heavy chain 10, non-muscle | -0.9 |

| | | | |
|-------------|----------|---|-------|
| 212379_at | GART | phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase | 0.89 |
| 212383_at | ATP6V0A1 | ATPase, H ⁺ transporting, lysosomal V0 subunit a1 | 0.75 |
| 212386_at | TCF4 | transcription factor 4 | -1.54 |
| 212387_at | TCF4 | transcription factor 4 | -1.63 |
| 212404_s_at | UBE3B | ubiquitin protein ligase E3B | 0.39 |
| 212405_s_at | KIAA0859 | KIAA0859 | 0.82 |

| | | | |
|-------------|----------|--|-------|
| 212419_at | C10orf56 | chromosome 10 open reading frame 56 | 1.28 |
| 212423_at | C10orf56 | chromosome 10 open reading frame 56 | 1.04 |
| 212434_at | GRPEL1 | GrpE-like 1, mitochondrial (E. coli) | 0.89 |
| 212439_at | IHPK1 | inositol hexaphosphate kinase 1 | 0.8 |
| 212472_at | MICAL2 | microtubule associated monooxygenase, calponin and LIM domain containing 2 | 1.12 |
| 212496_s_at | JMJD2B | jumonji domain containing 2B | 0.86 |
| 212509_s_at | MXRA7 | matrix-remodelling associated 7 | -1.48 |

| | | | |
|-------------|-----------|--|-------|
| 212527_at | D15Wsu75e | DNA segment, Chr 15, Wayne State University 75, expressed | 1.5 |
| 212528_at | | NA | 1.08 |
| 212532_s_at | LSM12 | LSM12 homolog (<i>S. cerevisiae</i>) | 0.92 |
| 212541_at | FLAD1 | FAD1 flavin adenine dinucleotide synthetase homolog (<i>S. cerevisiae</i>) | 0.75 |
| 212542_s_at | PHIP | pleckstrin homology domain interacting protein | -1.1 |
| 212543_at | AIM1 | absent in melanoma 1 | -1.57 |

| | | | |
|-------------|--------|---|-------|
| 212558_at | SPRY1 | sprouty homolog 1, antagonist of FGF signaling (Drosophila) | -1.9 |
| 212563_at | BOP1 | block of proliferation 1 | 0.69 |
| 212568_s_at | DLAT | dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) | 1.31 |
| 212573_at | ENDOD1 | endonuclease domain containing 1 | -1.17 |
| 212576_at | MGRN1 | mahogunin, ring finger 1 | 1.04 |
| 212588_at | PTPRC | protein tyrosine phosphatase, receptor type, C | -1.57 |

| | | | |
|-------------|---------|---|-------|
| 212592_at | IGJ | immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides | -3.35 |
| 212611_at | DTX4 | deltex 4 homolog (Drosophila) | 1.51 |
| 212623_at | TMEM41B | transmembrane protein 41B | 1.32 |
| 212631_at | STX7 | syntaxin 7 | -0.6 |
| 212642_s_at | HIVEP2 | human immunodeficiency virus type I enhancer binding protein 2 | -1.09 |
| 212665_at | TIPARP | TCDD-inducible poly(ADP-ribose) polymerase | -1.64 |

| | | | |
|-------------|----------|---|-------|
| 212667_at | SPARC | secreted protein, acidic, cysteine-rich (osteonectin) | -1.63 |
| 212671_s_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | -2.62 |
| 212682_s_at | TMEM112B | transmembrane protein 112B | 0.64 |
| 212686_at | PPM1H | protein phosphatase 1H (PP2C domain containing) | 0.57 |
| 212699_at | SCAMP5 | secretory carrier membrane protein 5 | 0.56 |
| 212701_at | TLN2 | talin 2 | 0.64 |
| 212713_at | MFAP4 | microfibrillar-associated protein 4 | -1.55 |

| | | | |
|-------------|----------|--|-------|
| 212724_at | RND3 | Rho family GTPase 3 | -1.08 |
| 212739_s_at | NME4 | non-metastatic cells 4, protein expressed in | 1.2 |
| 212786_at | CLEC16A | C-type lectin domain family 16, member A | 0.82 |
| 212811_x_at | SLC1A4 | solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 | 1.08 |
| 212829_at | PIP4K2A | phosphatidylinositol-5-phosphate 4-kinase, type II, alpha | -0.9 |
| 212835_at | KIAA0157 | KIAA0157 | 0.68 |

| | | | |
|-------------|----------|---|-------|
| 212865_s_at | COL14A1 | collagen, type XIV, alpha 1 (undulin) | -1.76 |
| 212871_at | MAPKAPK5 | mitogen-activated protein kinase- activated protein kinase 5 | 0.66 |
| 212882_at | KLHL18 | kelch-like 18 (Drosophila) | 0.43 |
| 212886_at | CCDC69 | coiled-coil domain containing 69 | 1.39 |
| 212890_at | MGC15523 | hypothetical protein MGC15523 | 0.82 |
| 212907_at | SLC30A1 | solute carrier family 30 (zinc transporter), member 1 | 1.29 |

| | | | |
|-------------|---------|---|-------|
| 212929_s_at | FAM21C | family with sequence similarity 21, member C | -1.04 |
| 212947_at | SLC9A8 | solute carrier family 9 (sodium/hydrogen exchanger), member 8 | 0.69 |
| 212958_x_at | PAM | peptidylglycine alpha-amidating monooxygenase | -1.09 |
| 212967_x_at | NAP1L1 | nucleosome assembly protein 1-like 1 | -1.11 |
| 212993_at | | NA | 1.89 |
| 212996_s_at | URB1 | URB1 ribosome biogenesis 1 homolog (<i>S. cerevisiae</i>) | 0.54 |
| 213004_at | ANGPTL2 | angiopoietin-like 2 | -0.58 |

| | | | |
|-------------|----------|--|-------|
| 213032_at | NFIB | nuclear factor I/B | -1.28 |
| 213043_s_at | MED24 | mediator complex subunit 24 | 0.73 |
| 213052_at | PRKAR2A | protein kinase, cAMP-dependent, regulatory, type II, alpha | 1.02 |
| 213053_at | KIAA0841 | KIAA0841 | -0.7 |
| 213071_at | DPT | dermatopontin | -2.2 |
| 213079_at | TSR2 | TSR2, 20S rRNA accumulation, homolog (<i>S. cerevisiae</i>) | -0.75 |
| 213115_at | ATG4A | ATG4 autophagy related 4 homolog A (<i>S. cerevisiae</i>) | 1.02 |

| | | | |
|-------------|--------|--|-------|
| 213144_at | GOSR2 | golgi SNAP receptor complex member 2 | 0.91 |
| 213180_s_at | GOSR2 | golgi SNAP receptor complex member 2 | 0.72 |
| 213203_at | SNAPC5 | small nuclear RNA activating complex, polypeptide 5, 19kDa | 0.89 |
| 213215_at | | NA | 0.77 |
| 213244_at | SCAMP4 | secretory carrier membrane protein 4 | 0.68 |
| 213245_at | ADCY1 | adenylate cyclase 1 (brain) | 1.05 |
| 213247_at | SVEP1 | sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1 | -1.08 |

| | | | |
|-------------|---------|--|-------|
| 213293_s_at | TRIM22 | tripartite motif-containing 22 | -2.16 |
| 213323_s_at | ZC3H7B | zinc finger CCCH-type containing 7B | 0.72 |
| 213325_at | PVRL3 | poliovirus receptor-related 3 | 1.35 |
| 213333_at | MDH2 | malate dehydrogenase 2, NAD (mitochondrial) | 1.47 |
| 213353_at | ABCA5 | ATP-binding cassette, sub-family A (ABC1), member 5 | 1.24 |
| 213355_at | ST3GAL6 | ST3 beta-galactoside alpha-2,3- sialyltransferase 6 | 1.78 |
| 213393_at | | NA | 1.16 |
| 213429_at | | NA | -2.57 |

| | | | |
|-------------|----------|---|-------|
| 213502_x_at | LOC91316 | similar to bK246H3.1 (immunoglobulin lambda-like polypeptide 1, pre-B-cell specific) | -1.7 |
| 213503_x_at | ANXA2 | annexin A2 | -1.28 |
| 213504_at | COPS6 | COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis) | 0.94 |
| 213519_s_at | LAMA2 | laminin, alpha 2 (merosin, congenital muscular dystrophy) | -1.71 |
| 213564_x_at | LDHB | lactate dehydrogenase B | -2.5 |
| 213566_at | RNASE6 | ribonuclease, RNase A family, k6 | -1.5 |

| | | | |
|-------------|------------------|---|-------|
| 213607_x_at | NADK | NAD kinase | 0.82 |
| 213608_s_at | CTB- 1048E9.5 | similar to SRR1-like protein | 0.74 |
| 213620_s_at | ICAM2 | intercellular adhesion molecule 2 | -0.87 |
| 213657_s_at | ZNF710 | zinc finger protein 710 | 1.13 |
| 213658_at | ZNF710 | zinc finger protein 710 | 0.9 |
| 213740_s_at | ZFPL1 | zinc finger protein-like 1 | -1.38 |
| 213750_at | RSL1D1 | ribosomal L1 domain containing 1 | 0.98 |
| 213763_at | HIPK2 | homeodomain interacting protein kinase 2 | 1.18 |

| | | | |
|-------------|---------|--|-------|
| 213820_s_at | STARD5 | StAR-related lipid transfer (START) domain containing 5 | 2.1 |
| 213835_x_at | GTPBP3 | GTP binding protein 3 (mitochondrial) | 0.46 |
| 213851_at | TMEM110 | transmembrane protein 110 | 0.87 |
| 213864_s_at | NAP1L1 | nucleosome assembly protein 1-like 1 | -1.08 |
| 213891_s_at | TCF4 | transcription factor 4 | -1.53 |
| 213905_x_at | BGN | biglycan | -1.98 |
| 213929_at | | NA | 0.81 |
| 213940_s_at | FNBP1 | formin binding protein 1 | -0.95 |
| 213975_s_at | LYZ | lysozyme (renal amyloidosis) | -2.41 |

| | | | |
|-------------|----------|--|-------|
| 214016_s_at | SFPQ | splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated) | -1.27 |
| 214042_s_at | RPL22 | ribosomal protein L22 | -1.13 |
| 214095_at | NDUFA4L2 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 | 0.8 |
| 214096_s_at | NDUFA4L2 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 | 0.98 |
| 214114_x_at | FASTK | Fas-activated serine/threonine kinase | 0.9 |

| | | | |
|-------------|-------|---|-------|
| 214133_at | MUC6 | mucin 6, oligomeric mucus/gel-forming | -1.03 |
| 214156_at | MYRIP | myosin VIIA and Rab interacting protein | 1.51 |
| 214158_s_at | FABP1 | fatty acid binding protein 1, liver | 0.45 |
| 214214_s_at | C1QBP | complement component 1, q subcomponent binding protein | 1.27 |
| 214233_at | GGA2 | golgi associated, gamma adaptin ear containing, ARF binding protein 2 | 0.56 |
| 214247_s_at | DKK3 | dickkopf homolog 3 (Xenopus laevis) | -2.95 |

| | | | |
|-------------|--------|---|-------|
| 214268_s_at | MTMR4 | myotubularin related protein 4 | 1.04 |
| 214386_at | HMX1 | H6 family homeobox 1 | -0.65 |
| 214402_s_at | SFI1 | Sfi1 homolog, spindle assembly associated (yeast) | -0.82 |
| 214408_s_at | RFPL3S | ret finger protein-like 3 antisense | -0.48 |
| 214412_at | H2AFB2 | H2A histone family, member B2 | -0.41 |
| 214437_s_at | SHMT2 | serine hydroxymethyltransferase 2 (mitochondrial) | 0.91 |
| 214461_at | LBP | lipopolysaccharide binding protein | 1.49 |
| 214465_at | ORM2 | orosomuroid 2 | 0.8 |

| | | | |
|-------------|--------|--|-------|
| 214545_s_at | PROSC | proline synthetase co-transcribed homolog (bacterial) | 0.97 |
| 214584_x_at | ACACB | acetyl-Coenzyme A carboxylase beta | 0.61 |
| 214586_at | GPR37 | G protein-coupled receptor 37 (endothelin receptor type B-like) | 0.77 |
| 214658_at | TICAM2 | toll-like receptor adaptor molecule 2 | 1.21 |
| 214669_x_at | IGKC | immunoglobulin kappa constant | -2.33 |
| 214677_x_at | IGLJ3 | immunoglobulin lambda joining 3 | -3.34 |

| | | | |
|-------------|--------|---|-------|
| 214708_at | SNTB1 | syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1) | 1.4 |
| 214713_at | YLPM1 | YLP motif containing 1 | 0.59 |
| 214714_at | ZNF394 | zinc finger protein 394 | -0.51 |
| 214733_s_at | YIPF1 | Yip1 domain family, member 1 | 1.32 |
| 214769_at | | NA | 0.46 |
| 214809_at | | NA | -0.9 |
| 214813_at | ZNF75 | zinc finger protein 75 (D8C6) | 0.43 |
| 214836_x_at | IGKC | immunoglobulin kappa constant | -2.53 |

| | | | |
|-------------|---------|---|-------|
| 214849_at | KCTD20 | potassium channel tetramerisation domain containing 20 | 0.91 |
| 214908_s_at | TRRAP | transformation/transcription domain- associated protein | 0.49 |
| 214927_at | ITGBL1 | integrin, beta-like 1 (with EGF-like repeat domains) | -2.42 |
| 214941_s_at | PRPF40A | PRP40 pre-mRNA processing factor 40 homolog A (<i>S. cerevisiae</i>) | 0.84 |
| 215091_s_at | GTF3A | general transcription factor IIIA | 0.8 |
| 215121_x_at | IGL@ | immunoglobulin lambda locus | -3.01 |

| | | | |
|-------------|----------|---|-------|
| 215127_s_at | RBMS1 | RNA binding motif, single stranded interacting protein 1 | -1.33 |
| 215139_at | ARHGEF10 | Rho guanine nucleotide exchange factor (GEF) 10 | -0.33 |
| 215176_x_at | NTN2L | netrin 2-like (chicken) | -3.05 |
| 215185_at | | NA | 0.58 |
| 215193_x_at | HLA-DRB1 | major histocompatibility complex, class II, DR beta 1 | -2 |

| | | | |
|-------------|-----------|---|-------|
| | | | |
| 215207_x_at | LOC729148 | similar to lethal (2) k00619 CG4775-PA | 0.81 |
| 215238_s_at | DOCK9 | dedicator of cytokinesis 9 | -0.69 |
| 215261_at | BTBD9 | BTB (POZ) domain containing 9 | 0.88 |
| 215283_at | LOC400642 | hypothetical gene supported by BC041875; BX648984 | 0.7 |
| 215325_x_at | C19orf26 | chromosome 19 open reading frame 26 | -1.1 |
| 215374_at | PAPOLA | poly(A) polymerase alpha | 0.58 |
| 215379_x_at | IGL@ | immunoglobulin lambda locus | -3.13 |

| | | | |
|-------------|-------|--|-------|
| 215404_x_at | FGFR1 | fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome) | -1.07 |
| 215445_x_at | 1-Mar | membrane-associated ring finger (C3HC4) 1 | -0.57 |
| 215540_at | TRA@ | T cell receptor alpha locus | 0.68 |
| 215544_s_at | UBOX5 | U-box domain containing 5 | 0.62 |

| | | | |
|-------------|---------|---|------|
| 215714_s_at | SMARCA4 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 | 0.83 |
| 215749_s_at | GORASP1 | golgi reassembly stacking protein 1, 65kDa | 0.86 |
| 215783_s_at | ALPL | alkaline phosphatase, liver/bone/kidney | 1.69 |
| 215807_s_at | PLXNB1 | plexin B 1 | 0.98 |
| 215833_s_at | SPPL2B | signal peptide peptidase-like 2B | 0.69 |

| | | | |
|-------------|-------------|--|-------|
| 215931_s_at | ARFGEF2 | ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited) | 0.4 |
| 215946_x_at | CTA-246H3.1 | similar to omega protein | -2.15 |
| 216083_s_at | NEU3 | sialidase 3 (membrane sialidase) | 0.56 |
| 216268_s_at | JAG1 | jagged 1 (Alagille syndrome) | -2.09 |
| 216302_at | HNRNPC | heterogeneous nuclear ribonucleoprotein C (C1/C2) | 0.48 |
| 216326_s_at | HDAC3 | histone deacetylase 3 | 0.63 |
| 216337_at | | NA | 0.38 |

| | | | |
|-------------|----------|---|-------|
| 216360_x_at | RRP12 | ribosomal RNA processing 12 homolog (<i>S. cerevisiae</i>) | 0.53 |
| 216376_x_at | | NA | 0.95 |
| 216379_x_at | CD24 | CD24 molecule | -2.15 |
| 216389_s_at | WDR23 | WD repeat domain 23 | 1.08 |
| 216401_x_at | | NA | -2.39 |
| 216405_at | LGALS1 | lectin, galactoside-binding, soluble, 1 (galectin 1) | -1.17 |
| 216411_s_at | C15orf33 | chromosome 15 open reading frame 33 | 0.36 |
| 216438_s_at | TMSB4X | thymosin, beta 4, X-linked | -0.74 |
| 216463_at | | NA | -0.33 |

| | | | |
|-------------|-----------|--|-------|
| 216466_at | NAV3 | neuron navigator 3 | -0.2 |
| 216483_s_at | C19orf10 | chromosome 19 open reading frame 10 | 1.05 |
| 216565_x_at | LOC391020 | interferon induced transmembrane protein pseudogene | 0.92 |
| 216612_x_at | | NA | -1.02 |
| 216640_s_at | PDIA6 | protein disulfide isomerase family A, member 6 | 1.35 |
| 216684_s_at | SS18 | synovial sarcoma translocation, chromosome 18 | -0.75 |
| 216689_x_at | ARHGAP1 | Rho GTPase activating protein 1 | 0.88 |
| 216700_at | TRIO | triple functional domain (PTPRF interacting) | 0.5 |

| | | | |
|-------------|--------|---|-------|
| 216834_at | RGS1 | regulator of G-protein signaling 1 | -4.23 |
| 216841_s_at | SOD2 | superoxide dismutase 2, mitochondrial | 1.72 |
| 216844_at | ZC3H7B | zinc finger CCCH-type containing 7B | -0.96 |
| 216894_x_at | CDKN1C | cyclin-dependent kinase inhibitor 1C (p57, Kip2) | -0.88 |
| 216909_at | RRP12 | ribosomal RNA processing 12 homolog (<i>S. cerevisiae</i>) | 0.4 |
| 216914_at | CDC25C | cell division cycle 25 homolog C (<i>S.</i> <i>pombe</i>) | 0.55 |

| | | | |
|-------------|---------|---|-------|
| 217022_s_at | IGHA1 | immunoglobulin heavy constant alpha 1 | -4.36 |
| 217028_at | CXCR4 | chemokine (C-X-C motif) receptor 4 | -4.23 |
| 217029_at | | NA | 0.51 |
| 217069_at | MLL4 | myeloid/lymphoid or mixed-lineage leukemia 4 | -1.26 |
| 217226_s_at | SFXN3 | sideroflexin 3 | -1.19 |
| 217298_at | RPS14 | ribosomal protein S14 | 0.25 |
| 217338_at | KRT19P2 | keratin 19 pseudogene 2 | 0.34 |
| 217423_at | | NA | 0.42 |
| 217458_at | | NA | 0.57 |
| 217478_s_at | HLA-DMA | major histocompatibility complex, class II, DM alpha | -2.02 |

| | | | |
|-------------|-----------|--|-------|
| 217496_s_at | IDE | insulin-degrading enzyme | 1.24 |
| 217499_x_at | OR7E38P | olfactory receptor, family 7, subfamily E, member 38 pseudogene | 1.2 |
| 217549_at | | NA | -0.85 |
| 217551_at | LOC441453 | similar to olfactory receptor, family 7, subfamily A, member 17 | 0.49 |
| 217598_at | CINP | cyclin-dependent kinase 2-interacting protein | 0.34 |
| 217647_at | HP | haptoglobin | 1.84 |
| 217706_at | LRRC51 | leucine rich repeat containing 51 | -1.21 |

| | | | |
|-------------|---------|--|-------|
| 217714_x_at | STMN1 | stathmin 1/oncoprotein 18 | -1.04 |
| 217716_s_at | SEC61A1 | Sec61 alpha 1 subunit (S. cerevisiae) | 1.26 |
| 217727_x_at | VPS35 | vacuolar protein sorting 35 homolog (S. cerevisiae) | -0.88 |
| 217728_at | S100A6 | S100 calcium binding protein A6 | -1.96 |
| 217733_s_at | TMSB10 | thymosin, beta 10 | -1.23 |
| 217749_at | COPG | coatamer protein complex, subunit gamma | 1.02 |
| 217762_s_at | RAB31 | RAB31, member RAS oncogene family | -1.69 |
| 217763_s_at | RAB31 | RAB31, member RAS oncogene family | -1.64 |

| | | | |
|-------------|--------|--|-------|
| 217764_s_at | RAB31 | RAB31, member RAS oncogene family | -1.38 |
| 217783_s_at | YPEL5 | yippee-like 5 (Drosophila) | -0.82 |
| 217786_at | PRMT5 | protein arginine methyltransferase 5 | 0.78 |
| 217787_s_at | GALNT2 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) | 1.63 |
| 217788_s_at | GALNT2 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) | 1.51 |

| | | | |
|-------------|---------|--|------|
| 217796_s_at | NPLOC4 | nuclear protein localization 4 homolog (<i>S. cerevisiae</i>) | 1.4 |
| 217808_s_at | MAPKAP1 | mitogen-activated protein kinase associated protein 1 | 1.18 |
| 217825_s_at | UBE2J1 | ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast) | 1.04 |
| 217837_s_at | VPS24 | vacuolar protein sorting 24 homolog (<i>S. cerevisiae</i>) | -1.1 |
| 217855_x_at | SDF4 | stromal cell derived factor 4 | 0.71 |

| | | | |
|-------------|----------|--|-------|
| 217871_s_at | MIF | macrophage migration inhibitory factor (glycosylation-inhibiting factor) | 1.3 |
| 217891_at | C16orf58 | chromosome 16 open reading frame 58 | 0.87 |
| 217895_at | PTCD3 | Pentatricopeptide repeat domain 3 | 0.76 |
| 217897_at | FXVD6 | FXVD domain containing ion transport regulator 6 | -1.02 |
| 217921_at | MAN1A2 | mannosidase, alpha, class 1A, member 2 | 1.12 |
| 217922_at | MAN1A2 | mannosidase, alpha, class 1A, member 2 | 0.74 |

| | | | |
|-------------|-----------|--|------|
| 217924_at | C6orf106 | chromosome 6 open reading frame 106 | 0.88 |
| 217929_s_at | KIAA0319L | KIAA0319-like | 0.64 |
| 217935_s_at | UQCC | ubiquinol-cytochrome c reductase complex chaperone, CBP3 homolog (yeast) | 0.68 |
| 217944_at | POMGNT1 | protein O-linked mannose beta1,2-N- acetylglucosaminyltransferase | 1.2 |
| 217960_s_at | TOMM22 | translocase of outer mitochondrial membrane 22 homolog (yeast) | 0.57 |

| | | | |
|-------------|---------|---|-------|
| 217963_s_at | NGFRAP1 | nerve growth factor receptor (TNFRSF16) associated protein 1 | -1.2 |
| 217966_s_at | FAM129A | family with sequence similarity 129, member A | -1.22 |
| 217977_at | SEPX1 | selenoprotein X, 1 | 0.8 |
| 217984_at | RNASET2 | ribonuclease T2 | -1.11 |
| 218019_s_at | PDXK | pyridoxal (pyridoxine, vitamin B6) kinase | 1.25 |
| 218022_at | VRK3 | vaccinia related kinase 3 | 0.63 |
| 218073_s_at | TMEM48 | transmembrane protein 48 | 0.53 |
| 218077_s_at | ZDHHC3 | zinc finger, DHHC-type containing 3 | 0.58 |

| | | | |
|-------------|----------|--|-------|
| 218088_s_at | RRAGC | Ras-related GTP binding C | -0.83 |
| 218105_s_at | MRPL4 | mitochondrial ribosomal protein L4 | 1.06 |
| 218126_at | FAM82C | family with sequence similarity 82, member C | 0.88 |
| 218130_at | C17orf62 | chromosome 17 open reading frame 62 | 1.29 |
| 218140_x_at | SRPRB | signal recognition particle receptor, B subunit | 1.19 |
| 218145_at | TRIB3 | tribbles homolog 3 (Drosophila) | 1.4 |
| 218162_at | OLFML3 | olfactomedin-like 3 | -1.43 |

| | | | |
|-------------|---------|--|-------|
| 218168_s_at | CABC1 | chaperone, ABC1 activity of bc1 complex homolog (S. pombe) | 1.25 |
| 218172_s_at | DERL1 | Der1-like domain family, member 1 | 0.98 |
| 218189_s_at | NANS | N-acetylneuraminic acid synthase (sialic acid synthase) | 1.31 |
| 218212_s_at | MOCS2 | molybdenum cofactor synthesis 2 | 1.1 |
| 218248_at | FAM111A | family with sequence similarity 111, member A | -0.88 |
| 218254_s_at | SAR1B | SAR1 gene homolog B (S. cerevisiae) | 1.12 |

| | | | |
|-------------|----------|--|------|
| 218289_s_at | UBE1DC1 | ubiquitin-activating enzyme E1- domain containing 1 | 1.26 |
| 218296_x_at | MSTO1 | misato homolog 1 (Drosophila) | 0.99 |
| 218300_at | C16orf53 | chromosome 16 open reading frame 53 | 0.58 |
| 218347_at | TYW1 | tRNA-yW synthesizing protein 1 homolog (<i>S. cerevisiae</i>) | 0.61 |
| 218358_at | CRELD2 | cysteine-rich with EGF-like domains 2 | 1.42 |
| 218377_s_at | RWDD2B | RWD domain containing 2B | 1.1 |
| 218387_s_at | PGLS | 6-phosphogluconolactonase | 0.95 |

| | | | |
|-------------|----------|--|------|
| 218391_at | SNF8 | SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae) | 0.96 |
| 218427_at | SDCCAG3 | serologically defined colon cancer antigen 3 | 0.95 |
| 218429_s_at | FLJ11286 | hypothetical protein FLJ11286 | 0.78 |
| 218433_at | PANK3 | pantothenate kinase 3 | 0.6 |
| 218441_s_at | RPAP1 | RNA polymerase II associated protein 1 | 0.6 |
| 218465_at | TMEM33 | transmembrane protein 33 | 1.09 |
| 218481_at | EXOSC5 | exosome component 5 | 0.56 |

| | | | |
|-------------|---------|--|-------|
| 218488_at | EIF2B3 | eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa | 0.75 |
| 218500_at | C8orf55 | chromosome 8 open reading frame 55 | 0.79 |
| 218516_s_at | IMPAD1 | inositol monophosphatase domain containing 1 | 0.84 |
| 218517_at | PHF17 | PHD finger protein 17 | -1.47 |
| 218540_at | THTPA | thiamine triphosphatase | 0.7 |
| 218581_at | ABHD4 | abhydrolase domain containing 4 | 0.69 |
| 218596_at | TBC1D13 | TBC1 domain family, member 13 | 0.7 |

| | | | |
|-------------|---------|--|-------|
| 218603_at | HECA | headcase homolog (Drosophila) | -1.04 |
| 218620_s_at | HEMK1 | HemK methyltransferase family member 1 | 0.51 |
| 218656_s_at | LHFP | lipoma HMGIC fusion partner | -1.96 |
| 218660_at | DYSF | dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive) | 0.8 |
| 218666_s_at | STX17 | syntaxin 17 | 0.79 |
| 218677_at | S100A14 | S100 calcium binding protein A14 | -1.22 |
| 218681_s_at | SDF2L1 | stromal cell-derived factor 2-like 1 | 1.97 |
| 218689_at | FANCF | Fanconi anemia, complementation | 0.65 |

| | | | |
|-------------|----------|---|-------|
| | | group F | |
| 218695_at | EXOSC4 | exosome component 4 | 0.58 |
| 218723_s_at | C13orf15 | chromosome 13 open reading frame 15 | -3.07 |
| 218731_s_at | VWA1 | von Willebrand factor A domain containing 1 | 0.95 |
| 218745_x_at | TMEM161A | transmembrane protein 161A | 0.64 |
| 218749_s_at | SLC24A6 | solute carrier family 24 (sodium/potassium/calcium exchanger), member 6 | 0.78 |

| | | | |
|-------------|-----------|---|-------|
| 218753_at | XKR8 | XK, Kell blood group complex subunit-related family, member 8 | 0.84 |
| 218772_x_at | TMEM38B | transmembrane protein 38B | 1.33 |
| 218795_at | ACP6 | acid phosphatase 6, lysophosphatidic | 0.87 |
| 218817_at | SPCS3 | signal peptidase complex subunit 3 homolog (<i>S. cerevisiae</i>) | 1.25 |
| 218820_at | C14orf132 | chromosome 14 open reading frame 132 | 0.87 |
| 218840_s_at | NADSYN1 | NAD synthetase 1 | -1.11 |

| | | | |
|-----------|----------|--|-------|
| 218843_at | FNDC4 | fibronectin type III domain containing 4 | 1.11 |
| 218856_at | TNFRSF21 | tumor necrosis factor receptor superfamily, member 21 | -2.07 |
| 218870_at | ARHGAP15 | Rho GTPase activating protein 15 | -1.18 |
| 218872_at | TESC | tescalcin | -1.11 |
| 218887_at | MRPL2 | mitochondrial ribosomal protein L2 | 0.73 |
| 218915_at | NF2 | neurofibromin 2 (bilateral acoustic neuroma) | 0.7 |
| 218923_at | CTBS | chitobiase, di-N-acetyl- | 1.39 |
| 218937_at | ZNF434 | zinc finger protein 434 | 0.65 |

| | | | |
|-------------|---------|--|-------|
| 218949_s_at | QRSL1 | glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1 | 0.74 |
| 218963_s_at | KRT23 | keratin 23 (histone deacetylase inducible) | -2.83 |
| 218976_at | DNAJC12 | DnaJ (Hsp40) homolog, subfamily C, member 12 | 1.99 |
| 218981_at | ACN9 | ACN9 homolog (<i>S. cerevisiae</i>) | 1.32 |
| 218989_x_at | SLC30A5 | solute carrier family 30 (zinc transporter), member 5 | 1.42 |
| 219003_s_at | MANEA | mannosidase, endo-alpha | 1.58 |

| | | | |
|-------------|-----------|--|-------|
| 219017_at | ETNK1 | ethanolamine kinase 1 | 1.47 |
| 219071_x_at | C8orf30A | chromosome 8 open reading frame 30A | 0.64 |
| 219086_at | C14orf131 | chromosome 14 open reading frame 131 | 0.35 |
| 219087_at | ASPN | asporin | -2.47 |
| 219108_x_at | DDX27 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 | -0.76 |
| 219162_s_at | MRPL11 | mitochondrial ribosomal protein L11 | 0.69 |
| 219181_at | LIPG | lipase, endothelial | 1.56 |
| 219200_at | FASTKD3 | FAST kinase domains 3 | 1.12 |

| | | | |
|-------------|---------|--|-------|
| 219259_at | SEMA4A | sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A | 0.92 |
| 219261_at | C7orf26 | chromosome 7 open reading frame 26 | 0.75 |
| 219295_s_at | PCOLCE2 | procollagen C-endopeptidase enhancer 2 | 1.21 |
| 219304_s_at | PDGFD | platelet derived growth factor D | -2.41 |
| 219344_at | SLC29A3 | solute carrier family 29 (nucleoside transporters), member 3 | 0.63 |

| | | | |
|-------------|---------|--|-------|
| 219359_at | ATHL1 | ATH1, acid trehalase-like 1 (yeast) | -1.03 |
| 219366_at | AVEN | apoptosis, caspase activation inhibitor | 0.7 |
| 219380_x_at | POLH | polymerase (DNA directed), eta | -1.41 |
| 219386_s_at | SLAMF8 | SLAM family member 8 | -1.16 |
| 219405_at | TRIM68 | tripartite motif-containing 68 | 0.72 |
| 219428_s_at | PXMP4 | peroxisomal membrane protein 4, 24kDa | 0.68 |
| 219450_at | C4orf19 | chromosome 4 open reading frame 19 | 1.31 |
| 219462_at | TMEM53 | transmembrane protein 53 | 0.72 |

| | | | |
|-------------|-----------|--|-------|
| 219499_at | SEC61A2 | Sec61 alpha 2 subunit (<i>S. cerevisiae</i>) | 0.87 |
| 219526_at | C14orf169 | chromosome 14 open reading frame 169 | 0.93 |
| 219545_at | KCTD14 | potassium channel tetramerisation domain containing 14 | 1.28 |
| 219564_at | KCNJ16 | potassium inwardly-rectifying channel, subfamily J, member 16 | -4.06 |
| 219572_at | CADPS2 | Ca ²⁺ -dependent activator protein for secretion 2 | 1.04 |
| 219612_s_at | FGG | fibrinogen gamma chain | 0.67 |

| | | | |
|-------------|----------|---|-------|
| 219630_at | PDZK1IP1 | PDZK1 interacting protein 1 | -2.86 |
| 219640_at | CLDN15 | claudin 15 | 0.78 |
| 219682_s_at | TBX3 | T-box 3 (ulnar mammary syndrome) | 1.6 |
| 219690_at | TMEM149 | transmembrane protein 149 | 1.28 |
| 219718_at | FLJ10986 | hypothetical protein FLJ10986 | 1.22 |
| 219756_s_at | POF1B | premature ovarian failure, 1B | -0.79 |
| 219771_at | TBC1D8B | TBC1 domain family, member 8B (with GRAM domain) | 1.34 |
| 219835_at | PRDM8 | PR domain containing 8 | -0.79 |
| 219854_at | ZNF14 | zinc finger protein 14 | -0.66 |

| | | | |
|-------------|----------|---|------|
| 219873_at | COLEC11 | collectin sub-family member 11 | -1.6 |
| 219910_at | HYPE | Huntingtin interacting protein E | 1.4 |
| 219920_s_at | GMPPB | GDP-mannose pyrophosphorylase B | 1.66 |
| 219943_s_at | FLJ11850 | hypothetical protein FLJ11850 | 0.53 |
| 219959_at | MOCOS | molybdenum cofactor sulfurase | 1.93 |
| 219960_s_at | UCHL5 | ubiquitin carboxyl-terminal hydrolase L5 | 1.65 |
| 219992_at | TAC3 | tachykinin 3 (neuromedin K, neurokinin beta) | 0.7 |

| | | | |
|-------------|---------|--|------|
| 219994_at | APBB1IP | amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein | 0.8 |
| 220012_at | ERO1LB | ERO1-like beta (<i>S. cerevisiae</i>) | 1.09 |
| 220028_at | ACVR2B | activin A receptor, type IIB | 0.83 |
| 220041_at | PIGZ | phosphatidylinositol glycan anchor biosynthesis, class Z | 0.58 |
| 220070_at | JMJD5 | jumonji domain containing 5 | 1.06 |
| 220094_s_at | CCDC90A | coiled-coil domain containing 90A | 1.06 |
| 220095_at | C9orf39 | chromosome 9 open reading frame 39 | 0.44 |

| | | | |
|-------------|----------|---|-------|
| 220112_at | ANKRD55 | ankyrin repeat domain 55 | 0.66 |
| 220180_at | CCDC68 | coiled-coil domain containing 68 | -1.19 |
| 220181_x_at | SLC30A5 | solute carrier family 30 (zinc transporter), member 5 | 0.56 |
| 220216_at | C8orf44 | chromosome 8 open reading frame 44 | -0.59 |
| 220235_s_at | C1orf103 | chromosome 1 open reading frame 103 | 1.66 |
| 220251_at | C1orf107 | chromosome 1 open reading frame 107 | 0.67 |
| 220256_s_at | OXCT2 | 3-oxoacid CoA transferase 2 | -0.6 |

| | | | |
|-------------|--------|--|-------|
| 220261_s_at | ZDHHC4 | zinc finger, DHHC-type containing 4 | 0.79 |
| 220271_x_at | EFCAB6 | EF-hand calcium binding domain 6 | 0.45 |
| 220275_at | CUZD1 | CUB and zona pellucida-like domains 1 | 0.32 |
| 220319_s_at | MYLIP | myosin regulatory light chain interacting protein | -0.76 |
| 220325_at | TAF7L | TAF7-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 50kDa | 0.4 |

| | | | |
|-------------|---------|--|-------|
| 220346_at | MTHFD2L | methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like | 0.73 |
| 220353_at | FAM86C | family with sequence similarity 86, member C | 0.39 |
| 220404_at | GPR97 | G protein-coupled receptor 97 | 0.41 |
| 220446_s_at | CHST4 | carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4 | -1.87 |
| 220449_at | MGC5566 | hypothetical protein MGC5566 | 0.46 |
| 220483_s_at | RNF19A | ring finger protein 19A | -1.08 |
| 220489_s_at | | NA | -1.08 |

| | | | |
|-------------|----------|--|-------|
| 220587_s_at | GBL | G protein beta subunit-like | 0.67 |
| 220643_s_at | FAIM | Fas apoptotic inhibitory molecule | -1.38 |
| 220674_at | FLJ22814 | hypothetical protein FLJ22814 | -0.56 |
| 220755_s_at | C6orf48 | chromosome 6 open reading frame 48 | -1.22 |
| 220773_s_at | GPHN | gephyrin | 1.11 |
| 220904_at | C6orf208 | chromosome 6 open reading frame 208 | 0.53 |
| 220964_s_at | RAB1B | RAB1B, member RAS oncogene family | 0.94 |
| 220974_x_at | SFXN3 | sideroflexin 3 | -0.8 |

| | | | |
|-------------|---------|--|-------|
| 221024_s_at | SLC2A10 | solute carrier family 2 (facilitated glucose transporter), member 10 | 2.04 |
| 221031_s_at | APOLD1 | apolipoprotein L domain containing 1 | -2.89 |
| 221041_s_at | SLC17A5 | solute carrier family 17 (anion/sugar transporter), member 5 | 0.81 |
| 221063_x_at | RNF123 | ring finger protein 123 | 0.92 |
| 221079_s_at | METTL2B | methyltransferase like 2B | 0.9 |
| 221127_s_at | RIG | regulated in glioma | -0.78 |
| 221159_at | | NA | 2.61 |

| | | | |
|-------------|---------|---|-------|
| 221247_s_at | WBSCR16 | Williams-Beuren syndrome chromosome region 16 | 0.53 |
| 221261_x_at | MAGED4B | melanoma antigen family D, 4B | -0.54 |
| 221268_s_at | SGPP1 | sphingosine-1-phosphate phosphatase 1 | 1.54 |
| 221306_at | GPR27 | G protein-coupled receptor 27 | 0.62 |
| 221341_s_at | OR1D4 | olfactory receptor, family 1, subfamily D, member 4 | 0.29 |
| 221346_at | OR10J1 | olfactory receptor, family 10, subfamily J, member 1 | 0.36 |

| | | | |
|-------------|----------|--|-------|
| 221478_at | BNIP3L | BCL2/adenovirus E1B 19kDa interacting protein 3-like | -1.34 |
| 221524_s_at | RRAGD | Ras-related GTP binding D | 1.05 |
| 221539_at | EIF4EBP1 | eukaryotic translation initiation factor 4E binding protein 1 | 1.14 |
| 221541_at | CRISPLD2 | cysteine-rich secretory protein LCCL domain containing 2 | -1.98 |
| 221575_at | SCLY | selenocysteine lyase | 1.83 |
| 221614_s_at | RPH3AL | rabphilin 3A-like (without C2 domains) | 0.91 |

| | | | |
|-------------|----------|---|-------|
| 221629_x_at | C8orf30A | chromosome 8 open reading frame 30A | 0.64 |
| 221645_s_at | ZNF83 | zinc finger protein 83 | -1.6 |
| 221651_x_at | IGKC | immunoglobulin kappa constant | -2.56 |
| 221671_x_at | IGKC | immunoglobulin kappa constant | -2.54 |
| 221693_s_at | MRPS18A | mitochondrial ribosomal protein S18A | 1.07 |
| 221711_s_at | C19orf62 | chromosome 19 open reading frame 62 | 0.63 |
| 221718_s_at | AKAP13 | A kinase (PRKA) anchor protein 13 | -1.32 |

| | | | |
|-------------|--------|--|-------|
| 221731_x_at | VCAN | versican | -2.75 |
| 221767_x_at | HDLBP | high density lipoprotein binding protein (vigilin) | 0.68 |
| 221770_at | RPE | ribulose-5-phosphate-3-epimerase | 0.61 |
| 221810_at | RAB15 | RAB15, member RAS oncogene family | 1.14 |
| 221838_at | KLHL22 | kelch-like 22 (Drosophila) | 0.38 |
| 221845_s_at | CLPB | ClpB caseinolytic peptidase B homolog (E. coli) | 0.65 |
| 221853_s_at | NOMO3 | NODAL modulator 3 | 1.52 |
| 221867_at | N4BP1 | Nedd4 binding protein 1 | 0.68 |

| | | | |
|-------------|--------|---|-------|
| 221868_at | PAIP2B | poly(A) binding protein interacting protein 2B | 1.11 |
| 221877_at | | NA | 0.66 |
| 221882_s_at | TMEM8 | transmembrane protein 8 (five membrane-spanning domains) | 0.9 |
| 221892_at | H6PD | hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) | 1.17 |
| 221899_at | PFAAP5 | phosphonoformate immuno- associated protein 5 | -1.39 |
| 221906_at | TXNRD3 | thioredoxin reductase 3 | 0.77 |

| | | | |
|-------------|--------|--|-------|
| 221940_at | RPUSD2 | RNA pseudouridylate synthase domain containing 2 | 0.51 |
| 221951_at | TMEM80 | transmembrane protein 80 | -0.85 |
| 221957_at | PDK3 | pyruvate dehydrogenase kinase, isozyme 3 | 0.65 |
| 221966_at | GPR137 | G protein-coupled receptor 137 | 0.76 |
| 221972_s_at | SDF4 | stromal cell derived factor 4 | 1.19 |
| 222013_x_at | FAM86A | family with sequence similarity 86, member A | 0.69 |
| 222024_s_at | AKAP13 | A kinase (PRKA) anchor protein 13 | -1.35 |

| | | | |
|-------------|---------|--|-------|
| 222034_at | GNB2L1 | guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 | -0.71 |
| 222073_at | COL4A3 | collagen, type IV, alpha 3 (Goodpasture antigen) | -1.59 |
| 222116_s_at | TBC1D16 | TBC1 domain family, member 16 | 1.04 |
| 222126_at | HRBL | HIV-1 Rev binding protein-like | 1.37 |
| 222146_s_at | TCF4 | transcription factor 4 | -1.89 |
| 222156_x_at | CCPG1 | cell cycle progression 1 | 1.19 |
| 222192_s_at | C2orf43 | chromosome 2 open reading frame 43 | 0.9 |

| | | | |
|-------------|----------|--|-------|
| 222206_s_at | NCLN | nicalin homolog (zebrafish) | 0.75 |
| 222212_s_at | LASS2 | LAG1 homolog, ceramide synthase 2 | 0.83 |
| 222231_s_at | LRRC59 | leucine rich repeat containing 59 | 1.28 |
| 222244_s_at | TUG1 | taurine upregulated gene 1 | -1.13 |
| 222250_s_at | INTS7 | integrator complex subunit 7 | 0.98 |
| 222263_at | SLC35E1 | solute carrier family 35, member E1 | 0.7 |
| 222277_at | PCOTH | prostate collagen triple helix | 0.67 |
| 222327_x_at | OR7E156P | olfactory receptor, family 7, subfamily E, member 156 pseudogene | 0.58 |

| | | | |
|-------------|-----------|--|------|
| 222335_at | | NA | 0.28 |
| 222338_x_at | LOC646808 | hypothetical LOC646808 | 0.59 |
| 222352_at | FBXO31 | F-box protein 31 | 0.56 |
| 31846_at | RHOD | ras homolog gene family, member D | 1.3 |
| 31861_at | IGHMBP2 | immunoglobulin mu binding protein 2 | 0.66 |
| 32209_at | FAM89B | family with sequence similarity 89, member B | 0.57 |
| 32836_at | AGPAT1 | 1-acylglycerol-3-phosphate O- acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha) | 0.74 |

| | | | |
|------------|--------|---|-------|
| 33579_i_at | GALR3 | galanin receptor 3 | 0.68 |
| 33814_at | PAK4 | p21(CDKN1A)-activated kinase 4 | 0.57 |
| 34210_at | CD52 | CD52 molecule | -1.55 |
| 34260_at | TELO2 | TEL2, telomere maintenance 2, homolog (<i>S. cerevisiae</i>) | -0.75 |
| 36004_at | IKBKG | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma | 0.69 |
| 37384_at | PPM1F | protein phosphatase 1F (PP2C domain containing) | 0.55 |
| 37590_g_at | ZNF710 | zinc finger protein 710 | 0.98 |

| | | | |
|----------|--------|--|------|
| 38703_at | DNPEP | aspartyl aminopeptidase | 0.5 |
| 39549_at | NPAS2 | neuronal PAS domain protein 2 | 1.27 |
| 39835_at | SBF1 | SET binding factor 1 | 0.51 |
| 39891_at | ZNF710 | zinc finger protein 710 | 0.4 |
| 40255_at | DDX28 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 | 0.53 |
| 40359_at | RASSF7 | Ras association (RalGDS/AF-6) domain family 7 | 0.68 |
| 41160_at | MBD3 | methyl-CpG binding domain protein 3 | 0.88 |

| | | | |
|------------|--------------|---|-------|
| 44617_at | OGFOD2 | 2-oxoglutarate and iron-dependent oxygenase domain containing 2 | 1.15 |
| 45526_g_at | FLJ14154 | hypothetical protein FLJ14154 | 0.75 |
| 45714_at | HCFC1R1 | host cell factor C1 regulator 1 (XPO1 dependent) | -0.74 |
| 47069_at | PRR5 | proline rich 5 (renal) | 0.73 |
| 47083_at | C7orf26 | chromosome 7 open reading frame 26 | 0.6 |
| 48659_at | RP5-1077B9.4 | invasion inhibitory protein 45 | 0.8 |

| | | | |
|----------|----------|---|------|
| 49327_at | SIRT3 | sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae) | 0.55 |
| 49878_at | PEX16 | peroxisomal biogenesis factor 16 | 0.51 |
| 52005_at | WIZ | widely interspaced zinc finger motifs | 0.7 |
| 52078_at | C1orf160 | chromosome 1 open reading frame 160 | 0.6 |
| 53968_at | INTS5 | integrator complex subunit 5 | 0.96 |
| 54632_at | THADA | thyroid adenoma associated | 1.66 |
| 55093_at | CSGlcA-T | chondroitin sulfate glucuronyltransferase | 1 |

| | | | |
|----------|---------|--|------|
| 55872_at | ZNF512B | zinc finger protein 512B | 1.11 |
| 56829_at | NIBP | NIK and IKK{beta} binding protein | 0.61 |
| 57082_at | LDLRAP1 | low density lipoprotein receptor adaptor protein 1 | 0.6 |
| 58916_at | NDUFC2 | NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2, 14.5kDa | 1.52 |
| 59631_at | TXNRD3 | thioredoxin reductase 3 | 0.5 |
| 59697_at | RAB15 | RAB15, member RAS oncogene family | 1.38 |

| | | | |
|----------|---------|--|------|
| 60528_at | PLA2G4B | phospholipase A2, group IVB (cytosolic) | 0.82 |
| 61874_at | C9orf7 | chromosome 9 open reading frame 7 | 0.73 |
| 64486_at | CORO1B | coronin, actin binding protein, 1B | 1.14 |
| 65086_at | YIPF2 | Yip1 domain family, member 2 | 0.78 |
| 65521_at | UBE2D4 | ubiquitin-conjugating enzyme E2D 4 (putative) | 0.51 |
| 79005_at | SLC35E1 | solute carrier family 35, member E1 | 0.4 |