

List of differentially expressed gens at 9 months after infection

| ID | Fold Change | Symbol | Entrez Gene Name |
|------------------|-------------|----------|--|
| Bt.1344.1.S1_at | 1.043 | ACO1 | aconitase 1, soluble |
| Bt.16020.1.A1_at | 1.047 | ACVR1 | activin A receptor, type I |
| Bt.23518.1.S1_at | -1.018 | ADD1 | adducin 1 (alpha) |
| Bt.3053.1.A1_at | -1.010 | ADNP | activity-dependent neuroprotector homeobox |
| Bt.1541.1.S1_at | 1.105 | AGPAT1 | 1-acylglycerol-3-phosphate O-acyltransferase 1 |
| Bt.12322.1.S1_at | 1.185 | AHCY | adenosylhomocysteinase |
| Bt.15900.1.A1_at | 1.169 | AHCYL2 | adenosylhomocysteinase-like 2 |
| Bt.13116.1.S1_at | 1.228 | ALDH3A1 | aldehyde dehydrogenase 3 family, member A1 |
| Bt.26523.1.A1_at | -1.167 | ALMS1 | Alstrom syndrome 1 |
| Bt.6775.1.S1_at | 1.183 | ANXA3 | annexin A3 |
| Bt.27322.2.A1_at | -1.111 | AP1AR | adaptor-related protein complex 1 associated regulatory protein |
| Bt.23487.1.S1_at | -1.280 | APOBR | apolipoprotein B receptor |
| Bt.9900.1.S1_at | -1.064 | APPBP2 | amyloid beta precursor protein (cytoplasmic tail) binding protein 2 |
| Bt.21775.1.S1_at | -1.083 | ARHGEF1 | Rho guanine nucleotide exchange factor (GEF) 1 |
| Bt.26057.1.A1_at | 1.128 | ARL3 | ADP-ribosylation factor-like 3 |
| Bt.16276.1.A1_at | 1.069 | ARSK | arylsulfatase family, member K |
| Bt.16229.1.S1_at | -1.052 | ASH2L | ash2 (absent, small, or homeotic)-like (Drosophila) |
| Bt.6860.3.S1_at | 1.102 | ATF1 | activating transcription factor 1 |
| Bt.22999.1.S1_at | 1.021 | ATF6B | activating transcription factor 6 beta |
| Bt.20136.2.S1_at | -1.204 | ATG2A | autophagy related 2A |
| Bt.13730.1.A1_at | 1.047 | ATG4A | autophagy related 4A, cysteine peptidase |
| Bt.1679.1.S1_at | 1.159 | ATIC | 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase |
| Bt.16296.1.A1_at | -1.265 | ATP2A2 | ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2 |
| Bt.7537.1.S1_at | -1.083 | AUTS2 | autism susceptibility candidate 2 |
| Bt.1166.1.S1_at | 1.113 | BABAM1 | BRISC and BRCA1 A complex member 1 |
| Bt.9265.1.A1_at | -1.175 | BATF | basic leucine zipper transcription factor, ATF-like |
| Bt.26038.1.A1_at | -1.057 | BAX | BCL2-associated X protein |
| Bt.4580.1.A1_at | -1.214 | BAZ1B | bromodomain adjacent to zinc finger domain, 1B |
| Bt.11290.2.S1_at | 1.075 | BCDIN3D | BCDIN3 domain containing |
| Bt.25570.1.S1_at | 1.073 | BPIFC | BPI fold containing family C |
| Bt.27040.1.A1_at | 1.116 | BTBD7 | BTB (POZ) domain containing 7 |
| Bt.17298.1.S1_at | 1.334 | C2orf43 | chromosome 2 open reading frame 43 |
| Bt.21942.1.S1_at | 1.194 | C9orf69 | chromosome 9 open reading frame 69 |
| Bt.26044.1.A1_at | 1.248 | CASP8AP2 | caspase 8 associated protein 2 |
| Bt.21940.1.S1_at | -1.184 | CCDC137 | coiled-coil domain containing 137 |
| Bt.14087.1.A1_at | -1.027 | CCL3 | chemokine (C-C motif) ligand 3 |
| Bt.12241.1.S1_at | 1.074 | CCR7 | chemokine (C-C motif) receptor 7 |
| Bt.4497.1.S1_at | -1.158 | CD5 | CD5 molecule |
| Bt.14005.1.S1_at | 1.076 | CD53 | CD53 molecule |
| Bt.7907.1.S1_at | -1.077 | CDK10 | cyclin-dependent kinase 10 |
| Bt.21933.1.A1_at | -1.217 | CDK13 | cyclin-dependent kinase 13 |

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| Bt.3262.1.A1_at | 1.221 | CDK5RAP1 | CDK5 regulatory subunit associated protein 1 |
| Bt.8912.1.A1_at | -1.254 | CELF1 | CUGBP, Elav-like family member 1 |
| Bt.11099.1.A1_at | -1.065 | CHD9 | chromodomain helicase DNA binding protein 9 |
| Bt.5624.1.S1_at | 1.081 | CHMP2A | charged multivesicular body protein 2A |
| Bt.12404.1.S1_at | 1.124 | CLPTM1L | CLPTM1-like |
| Bt.18059.1.S1_at | 1.045 | CLYBL | citrate lyase beta like |
| Bt.19628.1.A1_at | 1.102 | CLYBL | citrate lyase beta like |
| Bt.10479.3.S1_at | -1.215 | CMTM3 | CKLF-like MARVEL transmembrane domain containing 3 |
| Bt.21931.1.S1_at | 1.058 | CMTM7 | CKLF-like MARVEL transmembrane domain containing 7 |
| Bt.11256.1.S1_at | -1.214 | CNOT1 | CCR4-NOT transcription complex, subunit 1 |
| Bt.29833.1.S1_at | 1.052 | CNR1 | cannabinoid receptor 1 (brain) |
| Bt.8642.1.S1_at | -1.047 | COBLL1 | cordon-bleu WH2 repeat protein-like 1 |
| Bt.19098.1.A1_s_at | 1.041 | COLGALT2 | collagen beta(1-O)galactosyltransferase 2 |
| Bt.11272.1.S1_at | -1.060 | COLQ | collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase |
| Bt.20226.1.A1_at | 1.212 | CRIM1 | cysteine rich transmembrane BMP regulator 1 (chordin-like) |
| Bt.21493.2.S1_at | 1.038 | CSE1L | CSE1 chromosome segregation 1-like (yeast) |
| Bt.24884.2.S1_at | 1.132 | CSF2RA | colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) |
| Bt.15770.1.S1_at | -1.027 | CSRP2BP | CSRP2 binding protein |
| Bt.13933.1.S1_at | -1.019 | CTDP1 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 |
| Bt.1000.1.S1_at | -1.123 | CUL7 | cullin 7 |
| Bt.2903.1.S1_at | 1.181 | CXADR | coxsackie virus and adenovirus receptor |
| Bt.26575.2.A1_at | -1.248 | CXCR5 | chemokine (C-X-C motif) receptor 5 |
| Bt.13445.1.S1_at | 1.330 | CYB5B | cytochrome b5 type B (outer mitochondrial membrane) |
| Bt.18137.1.A1_at | 1.214 | CYFIP1 | cytoplasmic FMR1 interacting protein 1 |
| Bt.12255.1.A1_at | 1.045 | CYP2C18 | cytochrome P450, family 2, subfamily C, polypeptide 18 |
| Bt.3200.1.S1_at | 1.064 | DCXR | dicarbonyl/L-xylulose reductase |
| Bt.12357.1.S1_at | -1.040 | DDX6 | DEAD (Asp-Glu-Ala-Asp) box helicase 6 |
| Bt.8070.1.S1_at | 1.003 | DGKA | diacylglycerol kinase, alpha 80kDa |
| Bt.26727.1.S1_at | 1.195 | DHDDS | dehydrodolichyl diphosphate synthase |
| Bt.1258.1.S1_at | 1.167 | DHX8 | DEAH (Asp-Glu-Ala-His) box polypeptide 8 |
| Bt.2418.1.S1_at | 1.046 | DIP2C | DIP2 disco-interacting protein 2 homolog C (Drosophila) |
| Bt.12081.1.S1_at | 1.013 | DNMBP | dynamamin binding protein |
| Bt.6041.1.S1_at | -1.253 | DST | dystonin |
| Bt.21578.1.S1_at | 1.080 | DUSP23 | dual specificity phosphatase 23 |
| Bt.25792.1.S1_at | 1.003 | EDC4 | enhancer of mRNA decapping 4 |
| Bt.18837.1.S1_at | 1.038 | ENPP5 | ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative) |
| Bt.680.2.A1_at | 1.430 | EPC1 | enhancer of polycomb homolog 1 (Drosophila) |
| Bt.23354.1.S1_at | 1.318 | EPHX1 | epoxide hydrolase 1, microsomal (xenobiotic) |
| Bt.4215.1.S1_at | 1.049 | ERCC2 | excision repair cross-complementing rodent repair deficiency, complementation group 2 |
| Bt.7902.1.A1_at | 1.027 | ERLIN2 | ER lipid raft associated 2 |
| Bt.26113.1.A1_at | -1.258 | EXOC3L1 | exocyst complex component 3-like 1 |
| Bt.17764.1.A1_at | -1.182 | FAM193A | family with sequence similarity 193, member A |
| Bt.16186.1.A1_at | 1.118 | FANCL | Fanconi anemia, complementation group L |
| Bt.5152.1.S1_at | 1.064 | FECH | ferrochelatase |

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| Bt.23853.1.S1_at | -1.044 | FES | feline sarcoma oncogene |
| Bt.6823.1.S1_at | -1.065 | FGD3 | FYVE, RhoGEF and PH domain containing 3 |
| Bt.6154.1.S1_at | -1.121 | FHL3 | four and a half LIM domains 3 |
| Bt.21011.2.S1_at | 1.109 | FPGS | folylpolyglutamate synthase |
| Bt.405.1.S1_at | -1.006 | FST | folistatin |
| Bt.3054.1.S1_at | 1.029 | FUBP1 | far upstream element (FUZE) binding protein 1 |
| Bt.3211.1.S1_at | -1.020 | GABARAPL1 | GABA(A) receptor-associated protein like 1 |
| Bt.28626.2.S1_at | 1.218 | GCFC2 | GC-rich sequence DNA-binding factor 2 |
| Bt.9595.1.S1_at | 1.060 | Gkn3 | gastrokine 3 |
| Bt.13408.1.S1_at | -1.166 | GOLGB1 | golgin B1 |
| Bt.1566.1.S1_at | 1.080 | GORASP2 | golgi reassembly stacking protein 2, 55kDa |
| Bt.24598.1.A1_at | 1.134 | GPATCH11 | G patch domain containing 11 |
| Bt.27311.1.A1_at | -1.268 | GPR173 | G protein-coupled receptor 173 |
| Bt.2949.1.S1_at | 1.111 | GRB7 | growth factor receptor-bound protein 7 |
| Bt.5304.1.S1_at | -1.633 | GSTM3 | glutathione S-transferase mu 3 (brain) |
| Bt.3753.1.S1_at | -1.206 | HECTD4 | HECT domain containing E3 ubiquitin protein ligase 4 |
| Bt.24694.1.A1_at | 1.158 | HEG1 | heart development protein with EGF-like domains 1 |
| Bt.29815.1.A1_at | -1.154 | HLA-A | major histocompatibility complex, class I, A |
| Bt.4762.1.S1_at | -2.427 | HLA-A | major histocompatibility complex, class I, A |
| Bt.21801.1.S1_at | -1.050 | HNRNPL | heterogeneous nuclear ribonucleoprotein L |
| Bt.14181.1.A1_at | -1.033 | HSPB1 | heat shock 27kDa protein 1 |
| Bt.18234.1.S1_at | 1.344 | IGSF6 | immunoglobulin superfamily, member 6 |
| Bt.18234.2.A1_at | 1.052 | IGSF6 | immunoglobulin superfamily, member 6 |
| Bt.21868.2.S1_at | 1.190 | IGSF6 | immunoglobulin superfamily, member 6 |
| Bt.24531.1.S1_at | -1.137 | IL4R | interleukin 4 receptor |
| Bt.28326.1.S1_at | -1.007 | INTS10 | integrator complex subunit 10 |
| Bt.24555.1.S1_at | -1.018 | JARID2 | jumonji, AT rich interactive domain 2 |
| Bt.22223.2.S1_at | 1.127 | JOSD1 | Josephin domain containing 1 |
| Bt.1661.1.S1_at | -1.056 | KHNYN | KH and NYN domain containing |
| Bt.16517.1.A1_at | 1.050 | KNOP1 | lysine-rich nucleolar protein 1 |
| Bt.16517.2.S1_at | 1.108 | KNOP1 | lysine-rich nucleolar protein 1 |
| Bt.3005.1.S1_at | 1.063 | LDHB | lactate dehydrogenase B |
| Bt.6527.1.S1_at | 1.023 | LEF1 | lymphoid enhancer-binding factor 1 |
| Bt.26572.1.S1_at | 1.064 | LEPREL1 | leprecan-like 1 |
| Bt.13268.2.S1_at | 1.014 | LMBR1 | limb development membrane protein 1 |
| Bt.20232.1.S1_at | -1.095 | LOC687796 | hypothetical protein LOC687796 |
| Bt.10704.1.S1_at | -1.176 | LPPR2 | lipid phosphate phosphatase-related protein type 2 |
| Bt.4370.2.S1_at | -1.011 | LRRC41 | leucine rich repeat containing 41 |
| Bt.26209.1.A1_at | 1.200 | LSMEM2 | leucine-rich single-pass membrane protein 2 |
| Bt.20191.1.S1_at | -1.121 | LUC7L2 | LUC7-like 2 (S. cerevisiae) |
| Bt.1953.1.S1_at | 1.151 | MAP1A | microtubule-associated protein 1A |
| Bt.7039.2.S1_at | 1.230 | MAP2K2 | mitogen-activated protein kinase kinase 2 |
| Bt.8904.1.S1_at | 1.017 | MAP2K5 | mitogen-activated protein kinase kinase 5 |
| Bt.18862.1.S1_at | -1.101 | MARCH9 | membrane-associated ring finger (C3HC4) 9 |

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| Bt.13375.1.S1_at | -1.102 | MAT1A | methionine adenosyltransferase I, alpha |
| Bt.5923.1.S1_a_at | -1.137 | MBD6 | methyl-CpG binding domain protein 6 |
| Bt.24594.3.A1_at | -1.219 | ME3 | malic enzyme 3, NADP(+)-dependent, mitochondrial |
| Bt.11042.1.A1_at | -1.298 | MED13 | mediator complex subunit 13 |
| Bt.24015.1.A1_at | 1.089 | MEF2D | myocyte enhancer factor 2D |
| Bt.26871.1.S1_at | -1.034 | MEN1 | multiple endocrine neoplasia I |
| Bt.9361.1.S1_at | -1.106 | MFHAS1 | malignant fibrous histiocytoma amplified sequence 1 |
| Bt.22579.1.S1_at | 1.084 | MICU1 | mitochondrial calcium uptake 1 |
| Bt.5496.2.S1_at | 1.196 | MMAA | methylmalonic aciduria (cobalamin deficiency) cblA type |
| Bt.2940.2.S1_at | 1.178 | MNAT1 | MNAT CDK-activating kinase assembly factor 1 |
| Bt.9159.1.S1_at | -1.030 | MOB3A | MOB kinase activator 3A |
| Bt.26472.1.A1_at | 1.063 | MOS | v-mos Moloney murine sarcoma viral oncogene homolog |
| Bt.3788.1.S1_at | -1.033 | MPRIIP | myosin phosphatase Rho interacting protein |
| Bt.25874.1.S1_at | 1.052 | MST1 | macrophage stimulating 1 (hepatocyte growth factor-like) |
| Bt.15922.1.S1_at | -1.124 | MTMR3 | myotubularin related protein 3 |
| Bt.20431.2.S1_at | 1.049 | MXI1 | MAX interactor 1, dimerization protein |
| Bt.20431.3.S1_at | 1.152 | MXI1 | MAX interactor 1, dimerization protein |
| Bt.16647.2.A1_at | 1.440 | NBEAL1 | neurobeachin-like 1 |
| Bt.5723.1.S1_at | 1.106 | NDUFA11 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa |
| Bt.16623.1.A1_at | 1.142 | NFAT5 | nuclear factor of activated T-cells 5, tonicity-responsive |
| Bt.1998.1.S1_at | -1.173 | NGFRAP1 | nerve growth factor receptor (TNFRSF16) associated protein 1 |
| Bt.22053.1.S1_at | -1.191 | NRBP2 | nuclear receptor binding protein 2 |
| Bt.27331.1.S1_at | 1.202 | NREP | neuronal regeneration related protein |
| Bt.27974.1.S1_at | 1.004 | Nrg1 | neuregulin 1 |
| Bt.11047.1.S1_at | -1.086 | NSD1 | nuclear receptor binding SET domain protein 1 |
| Bt.28604.2.S1_a_at | 1.061 | NSUN6 | NOP2/Sun domain family, member 6 |
| Bt.12217.2.S1_at | -1.104 | NTRK2 | neurotrophic tyrosine kinase, receptor, type 2 |
| Bt.29223.1.A1_at | -1.072 | NUDCD1 | NudC domain containing 1 |
| Bt.560.1.S1_at | 1.066 | NXPH2 | neurexophilin 2 |
| Bt.17609.1.A1_at | 1.044 | OGDHL | oxoglutarate dehydrogenase-like |
| Bt.20749.1.A1_at | -1.028 | OOEP | oocyte expressed protein |
| Bt.17777.2.S1_at | 1.048 | OPTN | optineurin |
| Bt.27953.1.S1_at | 1.348 | OSBPL8 | oxysterol binding protein-like 8 |
| Bt.4896.1.S1_at | -1.077 | PA2G4 | proliferation-associated 2G4, 38kDa |
| Bt.17499.1.A1_at | 1.074 | PCSK6 | proprotein convertase subtilisin/kexin type 6 |
| Bt.23128.2.A1_at | -1.057 | PDIA4 | protein disulfide isomerase family A, member 4 |
| Bt.6804.1.S1_at | 1.170 | PDIA5 | protein disulfide isomerase family A, member 5 |
| Bt.4839.1.S1_at | 1.109 | PEBP1 | phosphatidylethanolamine binding protein 1 |
| Bt.18174.1.A1_at | 1.182 | PER3 | period circadian clock 3 |
| Bt.20423.1.S1_at | -1.041 | PHC1 | polyhomeotic homolog 1 (Drosophila) |
| Bt.9479.2.S1_at | 1.002 | PHF11 | PHD finger protein 11 |
| Bt.21176.1.S1_at | -1.315 | PHF13 | PHD finger protein 13 |
| Bt.447.1.S1_at | 1.174 | PIK3CA | phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha |
| Bt.18945.1.A1_at | -1.068 | PLEKHG1 | pleckstrin homology domain containing, family G (with RhoGef domain) member 1 |

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| Bt.7484.1.S1_at | 1.018 | PLEKHG2 | pleckstrin homology domain containing, family G (with RhoGef domain) member 2 |
| Bt.3314.1.S1_at | -1.087 | PLEKHM2 | pleckstrin homology domain containing, family M (with RUN domain) member 2 |
| Bt.21013.1.S1_at | -1.119 | PLK3 | polo-like kinase 3 |
| Bt.26968.1.S1_at | -1.126 | PLXNC1 | plexin C1 |
| Bt.10030.2.S1_a_at | 1.308 | PMEPA1 | prostate transmembrane protein, androgen induced 1 |
| Bt.13991.3.S1_at | 1.228 | PNRC1 | proline-rich nuclear receptor coactivator 1 |
| Bt.4206.1.S1_at | -1.088 | POLA2 | polymerase (DNA directed), alpha 2, accessory subunit |
| Bt.27184.1.S1_at | 1.025 | PPIP5K1 | diphosphoinositol pentakisphosphate kinase 1 |
| Bt.15845.1.S1_at | -1.115 | PPP4R1 | protein phosphatase 4, regulatory subunit 1 |
| Bt.1823.1.S1_at | 1.095 | PRDX1 | peroxiredoxin 1 |
| Bt.21189.1.S1_at | -1.098 | PRKD2 | protein kinase D2 |
| Bt.980.1.A1_at | -1.134 | PRRC2A | proline-rich coiled-coil 2A |
| Bt.15865.1.S1_at | 1.100 | PSMB8 | proteasome (prosome, macropain) subunit, beta type, 8 |
| Bt.9308.1.S1_at | -1.042 | PTPRCAP | protein tyrosine phosphatase, receptor type, C-associated protein |
| Bt.21909.1.S1_at | 1.054 | PXMP4 | peroxisomal membrane protein 4, 24kDa |
| Bt.5377.1.S1_at | 1.080 | RAB34 | RAB34, member RAS oncogene family |
| Bt.21387.1.S1_at | 1.063 | RAB5B | RAB5B, member RAS oncogene family |
| Bt.8730.1.S1_at | -1.010 | RAPGEF2 | Rap guanine nucleotide exchange factor (GEF) 2 |
| Bt.27798.1.A1_at | 1.424 | RBM5 | RNA binding motif protein 5 |
| Bt.20957.1.A1_at | -1.214 | RHOBTB2 | Rho-related BTB domain containing 2 |
| Bt.17473.2.S1_at | 1.145 | RPE | ribulose-5-phosphate-3-epimerase |
| Bt.23339.1.S2_at | 1.130 | RPL15 | ribosomal protein L15 |
| Bt.24490.1.A1_at | 1.000 | RPP38 | ribonuclease P/MRP 38kDa subunit |
| Bt.24490.2.S1_at | 1.017 | RPP38 | ribonuclease P/MRP 38kDa subunit |
| Bt.1269.1.S1_a_at | 1.064 | RPS12 | ribosomal protein S12 |
| Bt.21268.1.S1_at | 1.142 | RPS6KB1 | ribosomal protein S6 kinase, 70kDa, polypeptide 1 |
| Bt.21667.1.S1_at | 1.051 | RPUSD2 | RNA pseudouridylate synthase domain containing 2 |
| Bt.29418.1.A1_at | 1.043 | RSAD1 | radical S-adenosyl methionine domain containing 1 |
| Bt.3750.1.S1_at | 1.176 | S100A11 | S100 calcium binding protein A11 |
| Bt.26265.1.A1_at | 1.180 | S1PR1 | sphingosine-1-phosphate receptor 1 |
| Bt.22766.1.S1_at | -1.042 | SART3 | squamous cell carcinoma antigen recognized by T cells 3 |
| Bt.25320.1.S1_at | -1.009 | SCRN3 | secernin 3 |
| Bt.13170.1.S1_at | 1.103 | SDHC | succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa |
| Bt.19928.1.S1_at | -1.086 | SETD2 | SET domain containing 2 |
| Bt.24908.1.A1_at | 1.024 | SETD2 | SET domain containing 2 |
| Bt.9486.1.S1_at | -1.165 | SETD5 | SET domain containing 5 |
| Bt.1314.1.A1_at | -1.088 | SFSWAP | splicing factor, suppressor of white-apricot homolog (Drosophila) |
| Bt.21272.1.S1_at | 1.041 | SH3GLB1 | SH3-domain GRB2-like endophilin B1 |
| Bt.7030.1.S1_at | 1.052 | SIN3B | SIN3 transcription regulator family member B |
| Bt.20243.2.S1_at | 1.126 | Slc25a26 | solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 26 |
| Bt.4880.1.S1_at | 1.123 | SLC25A3 | solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 3 |
| Bt.21770.1.S1_at | 1.057 | SLC29A1 | solute carrier family 29 (equilibrative nucleoside transporter), member 1 |
| Bt.16633.1.S1_at | 1.141 | SLC38A1 | solute carrier family 38, member 1 |
| Bt.29773.1.A1_at | 1.012 | SLC9A3 | solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 |

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| Bt.20386.1.S1_at | -1.049 | SMG7 | SMG7 nonsense mediated mRNA decay factor |
| Bt.7562.1.S1_at | -1.101 | SMPD4 | sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3) |
| Bt.8562.1.S1_at | 1.211 | SNAPC3 | small nuclear RNA activating complex, polypeptide 3, 50kDa |
| Bt.12770.1.A1_at | -1.069 | SNCA | synuclein, alpha (non A4 component of amyloid precursor) |
| Bt.18605.1.A1_at | 1.105 | SOS2 | son of sevenless homolog 2 (Drosophila) |
| Bt.27264.1.A1_at | -1.150 | SPDEF | SAM pointed domain containing ETS transcription factor |
| Bt.25416.1.A1_at | 1.078 | SSH1 | slingshot protein phosphatase 1 |
| Bt.464.1.S1_at | 1.047 | SSTR2 | somatostatin receptor 2 |
| Bt.16402.1.A1_at | 1.078 | STAT4 | signal transducer and activator of transcription 4 |
| Bt.8712.1.S1_at | -1.059 | STIM1 | stromal interaction molecule 1 |
| Bt.18793.2.S1_at | -1.179 | SVOP | SV2 related protein homolog (rat) |
| Bt.21611.1.S1_at | 1.061 | SYT9 | synaptotagmin IX |
| Bt.27699.1.A1_at | -1.029 | TBL1X | transducin (beta)-like 1X-linked |
| Bt.12444.1.A1_at | -1.229 | TEX261 | testis expressed 261 |
| Bt.22179.2.S1_at | 1.359 | THEMIS2 | thymocyte selection associated family member 2 |
| Bt.25892.1.A1_at | 1.195 | TIA1 | TIA1 cytotoxic granule-associated RNA binding protein |
| Bt.20888.1.S1_at | -2.867 | TMEM232 | transmembrane protein 232 |
| Bt.6386.1.A1_at | 1.031 | TMEM79 | transmembrane protein 79 |
| Bt.21098.3.S1_at | 1.308 | TMLHE | trimethyllysine hydroxylase, epsilon |
| Bt.27361.1.A1_at | 1.021 | TNFRSF6B | tumor necrosis factor receptor superfamily, member 6b, decoy |
| Bt.20790.1.S1_at | -1.047 | TNFSF10 | tumor necrosis factor (ligand) superfamily, member 10 |
| Bt.23315.1.S1_a_at | -1.094 | TNK2 | tyrosine kinase, non-receptor, 2 |
| Bt.19479.1.A1_at | -1.067 | TNRC6C | trinucleotide repeat containing 6C |
| Bt.27406.1.A1_a_at | -1.044 | TNRC6C | trinucleotide repeat containing 6C |
| Bt.4688.1.S1_a_at | -1.041 | TPCN1 | two pore segment channel 1 |
| Bt.16469.3.S1_at | 1.197 | TRABD | TraB domain containing |
| Bt.27002.1.S1_at | -1.122 | TRIM11 | tripartite motif containing 11 |
| Bt.2883.1.A1_at | -1.130 | TRIM32 | tripartite motif containing 32 |
| Bt.22355.1.S1_at | -1.050 | TRIM41 | tripartite motif containing 41 |
| Bt.27357.2.A1_at | 1.148 | Trpc2 | transient receptor potential cation channel, subfamily C, member 2 |
| Bt.6660.3.A1_at | 1.447 | TTC37 | tetratricopeptide repeat domain 37 |
| Bt.12907.2.S1_a_at | -1.018 | TTYH3 | tweety family member 3 |
| Bt.16816.1.S1_at | -1.017 | UBAP2L | ubiquitin associated protein 2-like |
| Bt.8582.1.S1_at | -1.221 | UBN1 | ubiquitin 1 |
| Bt.28287.1.S1_at | 1.061 | UNC93A | unc-93 homolog A (C. elegans) |
| Bt.265.1.S1_at | 1.175 | UQCRCF1 | ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 |
| Bt.6244.1.S1_at | -1.057 | USP20 | ubiquitin specific peptidase 20 |
| Bt.13886.2.S1_at | -1.206 | USP34 | ubiquitin specific peptidase 34 |
| Bt.6576.1.S1_at | -1.131 | UTRN | utrophin |
| Bt.4099.1.S1_at | 1.088 | VDAC2 | voltage-dependent anion channel 2 |
| Bt.24807.1.S1_at | -1.216 | VPS13D | vacuolar protein sorting 13 homolog D (S. cerevisiae) |
| Bt.10183.2.S1_at | 1.085 | VTI1A | vesicle transport through interaction with t-SNAREs 1A |
| Bt.7715.1.S1_at | -1.035 | WDR6 | WD repeat domain 6 |
| Bt.2135.1.S1_at | -1.070 | WDR81 | WD repeat domain 81 |

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| Bt.9348.1.S1_at | 1.145 | WDYHV1 | WDYHV motif containing 1 |
| Bt.5013.2.A1_at | -1.150 | WNK1 | WNK lysine deficient protein kinase 1 |
| Bt.16903.1.A1_at | -1.086 | XAB2 | XPA binding protein 2 |
| Bt.26825.1.A1_at | 1.167 | XRN2 | 5'-3' exoribonuclease 2 |
| Bt.4035.1.S1_at | 1.237 | YWHAE | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide |
| Bt.1718.2.A1_at | -1.332 | YY1 | YY1 transcription factor |
| Bt.25188.1.A1_at | 1.419 | ZBTB33 | zinc finger and BTB domain containing 33 |
| Bt.26199.1.S1_at | -1.040 | ZDHHC5 | zinc finger, DHHC-type containing 5 |
| Bt.23760.1.A1_at | 1.033 | ZMYM1 | zinc finger, MYM-type 1 |
| Bt.21669.1.A1_at | 1.130 | ZNF274 | zinc finger protein 274 |
| Bt.21669.2.S1_at | 1.240 | ZNF274 | zinc finger protein 274 |
| Bt.2964.2.S1_at | 1.119 | ZNF330 | zinc finger protein 330 |
| Bt.26862.1.S1_at | -1.252 | ZNF408 | zinc finger protein 408 |
| Bt.10196.2.S1_at | -1.035 | ACTA1 | actin, alpha 1, skeletal muscle |
| Bt.11023.1.S1_at | 1.052 | TCRA | T cell receptor, alpha |
| Bt.11180.1.A1_a_at | 1.013 | PLBD2 | phospholipase B domain containing 2 |
| Bt.11500.1.A1_at | -1.132 | MLF2 | myeloid leukemia factor 2 |
| Bt.11668.1.S1_at | -1.098 | SNX1 | sorting nexin 1 |
| Bt.11702.1.A1_at | 1.073 | FADS3 | fatty acid desaturase 3 |
| Bt.12220.1.S1_a_at | 1.098 | PNKD | paroxysmal nonkinesigenic dyskinesia |
| Bt.12347.1.S1_at | -1.033 | THADA | thyroid adenoma associated |
| Bt.12443.1.S1_at | -1.062 | BM480913 | Accession No BM480913 |
| Bt.12706.1.A1_at | -1.012 | VARS | valyl-tRNA synthetase |
| Bt.13429.1.S1_at | 1.013 | SYVN1 | Synovial apoptosis inhibitor 1 |
| Bt.13533.1.S1_at | 1.113 | KIF22 | kinesin family member 22 |
| Bt.13622.1.A1_at | 1.161 | PLD4 | phospholipase D family, member 4 |
| Bt.13707.1.A1_at | -1.331 | SORL1 | sortilin-related receptor, L(DLR class) A repeats-containing |
| Bt.14006.1.A1_at | -1.034 | CK954547 | Accession No CK954547 |
| Bt.14234.1.A1_at | 1.143 | FBXO31 | F-box protein 31 |
| Bt.14734.1.S1_at | 1.041 | SEC22C | SEC22 vesicle trafficking protein homolog C (<i>S. cerevisiae</i>) |
| Bt.15441.1.A1_at | 1.064 | SLC35A4 | solute carrier family 35, member A4 |
| Bt.15671.1.S1_at | -1.185 | USP28 | ubiquitin specific peptidase 28 |
| Bt.15780.1.S1_at | -1.215 | SMARCA4 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 |
| Bt.15861.1.S1_at | -1.036 | ASH1L | ash1 (absent, small, or homeotic)-like (<i>Drosophila</i>) |
| Bt.15940.1.A1_at | 1.071 | CXCR5 | chemokine (C-X-C motif) receptor 5 |
| Bt.16063.1.A1_at | 1.043 | GALNTL4 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 4 |
| Bt.16107.1.S1_at | -1.086 | CK779377 | Accession No CK779377 |
| Bt.16259.1.A1_at | -1.095 | CAPNS1 | calpain, small subunit 1 |

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| Bt.16273.2.A1_at | -1.159 | ATP6V0A1 | ATPase, H ⁺ transporting, lysosomal V0 subunit a1 |
| Bt.16284.1.A1_at | 1.035 | ITGA4 | integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) |
| Bt.16381.1.S1_at | -1.178 | CK773854 | Accession No CK773854 |
| Bt.16525.1.A1_at | -1.112 | TNFRSF1B | tumor necrosis factor receptor superfamily, member 1B |
| Bt.16629.1.A1_at | -1.055 | PYCRL | pyrroline-5-carboxylate reductase-like |
| Bt.16724.1.A1_at | -1.124 | PBXIP1 | pre-B-cell leukemia homeobox interacting protein 1 |
| Bt.16773.1.A1_at | -1.132 | PMPCA | peptidase (mitochondrial processing) alpha |
| Bt.17013.1.A1_at | 1.260 | ACTR1A | ARP1 actin-related protein 1 homolog A, centractin alpha (yeast) |
| Bt.17286.1.A1_at | 1.060 | CDK2AP2 | cyclin-dependent kinase 2 associated protein 2 |
| Bt.17443.1.A1_at | 1.181 | KIF23 | kinesin family member 23 |
| Bt.17726.1.A1_at | 1.083 | ,CK970626 | Accession No CK970626 |
| Bt.17760.1.A1_at | 1.151 | GPD1 | glycerol-3-phosphate dehydrogenase 1-like |
| Bt.17965.1.A1_at | 1.168 | PSMF1 | proteasome (prosome, macropain) inhibitor subunit 1 (PI31) |
| Bt.18033.1.A1_at | 1.093 | USP19 | ubiquitin specific peptidase 19 |
| Bt.18092.1.A1_at | 1.174 | ESPL1 | extra spindle pole bodies homolog 1 (S. cerevisiae) |
| Bt.18250.1.A1_at | 1.107 | ARHGEF1 | Rho guanine nucleotide exchange factor (GEF) 15 |
| Bt.1852.1.S1_at | -1.167 | EHD3 | EH-domain containing 3 |
| Bt.18536.1.A1_at | 1.030 | VPS33B | vacuolar protein sorting 33 homolog B (yeast) |
| Bt.18738.1.A1_at | 1.144 | MYBL2 | v-myb myeloblastosis viral oncogene homolog (avian)-like 2 |
| Bt.18824.1.A1_at | -1.064 | TRIM11 | tripartite motif-containing 11 |
| Bt.18975.1.A1_at | 1.053 | AF451174 | Accession AF451174 |
| Bt.19100.3.A1_at | 1.002 | BP105182 | Accession BP105182 |
| Bt.19127.2.S1_at | 1.169 | FERMT3 | fermitin family member 3 |
| Bt.19198.1.A1_at | -1.018 | CK946845 | Accession CK946845 |
| Bt.19199.1.A1_at | 1.094 | STAB1 | stabilin 1 |
| Bt.19210.1.S1_at | 1.158 | TFEB | transcription factor EB |
| Bt.19423.1.S1_at | -1.139 | CHPF | Chondroitin polymerizing factor 2 |
| Bt.19451.1.A1_at | 1.038 | CCDC22 | coiled-coil domain containing 22 |
| Bt.19621.1.A1_at | -1.025 | ZNF318 | zinc finger protein 318 |
| Bt.19626.1.A1_at | 1.249 | LDB1 | LIM domain binding 1 |
| Bt.19779.1.A1_at | 1.089 | CD22 | CD22 molecule |
| Bt.1978.5.S1_at | 1.453 | LOC532189 | carboxypeptidase D-like |
| Bt.20501.1.S1_at | 1.055 | TET3 | tet oncogene family member 3 |
| Bt.20506.2.S1_at | 1.416 | CK949416 | Accession CK949416 |
| Bt.20661.1.A1_at | 1.258 | IDH3B | isocitrate dehydrogenase 3 (NAD ⁺) beta |

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| Bt.20709.1.A1_at | -1.237 | CB424575 | Accession CB424575 |
| Bt.20745.1.A1_at | 1.390 | TSPAN13 | tetraspanin 13 |
| Bt.20775.1.S1_at | 1.007 | SEPHS2 | selenophosphate synthetase 2 |
| Bt.20823.1.A1_at | -1.102 | SH2D3A | SH2 domain containing 3A |
| Bt.21067.1.S1_at | -1.195 | GIYD1 | GIY-YIG domain containing |
| Bt.21373.2.A1_at | 1.026 | RAB10 | RAB10, member RAS oncogene family |
| Bt.21461.1.S1_at | -1.468 | SPIN2 | spindlin family, member 2 |
| Bt.21543.1.S1_at | -1.116 | BM432249 | Accession BM432249 |
| Bt.21923.1.A1_at | 1.048 | LOC509304 | hypothetical LOC509304 |
| Bt.22014.1.S1_at | -1.002 | SP3 | hypothetical LOC509304 |
| Bt.22162.1.S1_at | -1.159 | S68402 | Accession S68402 |
| Bt.22233.1.A1_at | 1.057 | PNRC2 | proline-rich nuclear receptor coactivator 2 |
| Bt.22523.1.S1_at | 1.069 | KCTD9 | potassium channel tetramerisation domain containing 9 |
| Bt.22594.1.S1_at | -1.060 | DBNDD2 | dysbindin (dystrobrevin binding protein 1) domain containing 2 |
| Bt.22681.1.A1_at | 1.079 | PDE1B | phosphodiesterase 1B, calmodulin-dependent |
| Bt.23509.2.A1_at | -1.351 | CK972530 | Accession CK972530 |
| Bt.23677.1.A1_at | 1.031 | RPGRIP1 | RPGRIP1-like |
| Bt.24087.1.A1_at | -1.021 | SLC24A1 | Solute carrier family 24 (sodium/potassium/calcium exchanger), member 1 |
| Bt.24303.1.A1_at | -1.226 | ACADM | acyl-CoA dehydrogenase, C-4 to C-12 straight chain |
| Bt.24328.1.S1_at | 1.088 | C28H10orf58 | chromosome 10 open reading frame 58 ortholog |
| Bt.24457.1.S1_at | 1.438 | ATP6AP2 | ATPase, H ⁺ transporting, lysosomal accessory protein 2 |
| Bt.24476.1.A1_at | -1.074 | RDH14 | retinol dehydrogenase 14 (all-trans/9-cis/11-cis) |
| Bt.2465.1.S1_at | 1.111 | CYP2U1 | cytochrome P450, family 2, subfamily U, polypeptide 1 |
| Bt.24827.1.A1_at | -1.199 | LOC10013776 | hypothetical protein LOC100137763 |
| Bt.25157.1.A1_at | 1.064 | ATF1 | activating transcription factor 1 |
| Bt.25267.1.A1_at | -1.002 | LOC10033664 | phosphatidylserine synthase 2-like |
| Bt.25338.1.S1_at | -1.106 | C26H10ORF1 | chromosome 10 open reading frame 119 ortholog |
| Bt.25644.1.A1_at | 1.183 | LOC520070 | tumor endothelial marker 1 |
| Bt.26115.1.A1_at | 1.160 | TLR3 | toll-like receptor 3 |
| Bt.26915.1.S1_at | -1.026 | CK977140 | Accession CK977140 |
| Bt.26957.1.S1_at | 1.106 | LOC506032 | hypothetical LOC506032 |
| Bt.26974.1.S1_at | -1.059 | TOMM70A | translocase of outer mitochondrial membrane 70 homolog A (<i>S. cerevisiae</i>) |
| Bt.27088.1.A1_at | -1.141 | FDFT1 | farnesyl-diphosphate farnesyltransferase 1 |
| Bt.27374.2.S1_at | 1.154 | B3GNT2 | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 |
| Bt.27413.1.A1_at | 1.044 | ZBTB1 | zinc finger and BTB domain containing 10 |

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| Bt.27459.1.A1_at | 1.003 | TOB1 | transducer of ERBB2, 1 |
| Bt.27599.1.A1_at | 1.076 | GPR171 | G protein-coupled receptor 171 |
| Bt.27635.1.A1_at | 1.002 | CK982569 | Accession CK982569 |
| Bt.27729.1.A1_at | 1.464 | LOC507126 | similar to basement membrane-induced gene |
| Bt.27999.1.S1_at | -1.074 | SLC35A5 | solute carrier family 35, member A5 |
| Bt.28000.1.S1_at | 1.347 | IL6ST | interleukin 6 signal transducer (gp130, oncostatin M receptor) |
| Bt.28007.1.A1_s_at | 1.271 | BP112700 | Accession BP112700 |
| Bt.28151.1.S1_at | -1.313 | YLPM1 | YLP motif containing 1 |
| Bt.28363.1.S1_at | -1.072 | ACER3 | alkaline ceramidase 3 |
| Bt.28435.1.S1_at | -1.069 | CA035416 | Accession CA035416 |
| Bt.28552.1.A1_at | 1.051 | CA923359 | Accession CA923359 |
| Bt.28690.1.S1_at | -1.054 | neuroguidin, E | NGDN |
| Bt.28894.1.A1_at | 1.054 | lipoic acid synt | LIAS |
| Bt.28916.1.A1_at | -1.174 | testis expressed | TEX2 |
| Bt.28944.1.A1_at | 1.061 | NAD(P)H dehy | NQO1 |
| Bt.29337.1.A1_at | -1.093 | family with seq | FAM53C |
| Bt.29386.1.A1_at | -1.006 | small nuclear r | SNRPG |
| Bt.29682.1.S1_at | 1.517 | CK816719 | Accession No CK816719 |
| Bt.29693.1.A1_at | 1.070 | ZMIZ2 | zinc finger, MIZ-type containing 2 |
| Bt.3040.1.S1_at | 1.091 | ZCCHC3 | zinc finger, CCHC domain containing 3 |
| Bt.3458.1.S1_at | -1.014 | ZNF281 | zinc finger protein 281 |
| Bt.3714.2.S1_at | -1.105 | ZNF219 | zinc finger protein 219 |
| Bt.3762.1.A1_at | 1.133 | ZNF189 | zinc finger protein 189 |
| Bt.3868.1.S1_at | -1.132 | ZC3H12A | zinc finger CCCH-type containing 12A |
| Bt.4038.1.S1_at | -1.038 | ZBTB10 | zinc finger and BTB domain containing 10 |
| Bt.4537.2.A1_at | -1.054 | YIPF5 | Yip1 domain family, member 5 |
| Bt.5088.1.S1_at | -1.154 | XKR8 | XK, Kell blood group complex subunit-related family, member 8 |
| Bt.5809.1.S1_at | -1.006 | XRCC1 | X-ray repair complementing defective repair in Chinese hamster cells 1 |
| Bt.5917.1.S1_at | -1.006 | WAC | WW domain containing adaptor with coiled-coil |
| Bt.6147.3.A1_at | 1.009 | WASL | Wiskott-Aldrich syndrome-like |
| Bt.6247.1.S1_at | -1.359 | WDR54 | WD repeat domain 54 |
| Bt.6524.1.S1_at | -1.161 | WDR43 | WD repeat domain 43 |
| Bt.676.1.S1_at | 1.157 | VTA1 | Vps20-associated 1 homolog (<i>S. cerevisiae</i>) |
| Bt.793.1.S1_at | -1.165 | LPLUNC1 | von Ebner minor salivary gland protein |
| Bt.8677.1.S1_at | 1.181 | VCL | vinculin |
| Bt.9109.2.A1_at | 1.076 | VGLL4 | vestigial like 4 (<i>Drosophila</i>) |
| Bt.9661.1.S1_at | -1.066 | VEGFA | vascular endothelial growth factor A |
| Bt.9840.1.S1_at | -1.130 | VEGFA | vascular endothelial growth factor A |
| Bt.9843.1.S1_at | -1.058 | VPS8 | vacuolar protein sorting 8 homolog (<i>S. cerevisiae</i>) |