|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table S4. List of annotated probes that significantly (p-value<0.05) upregulated with 2-fold change or more in any B cell subset of primary Sjögren's syndrome compared to healthy controls** | | | | | | |
| Fold Change | ID | Symbol | Entrez Gene Name | Location | Type(s) | subset |
| -2.601 | 209600\_s\_at | ACOX1 | acyl-CoA oxidase 1 | Cytoplasm | enzyme | Bm1 |
| -2.021 | 204241\_at | ACOX3 | acyl-CoA oxidase 3, pristanoyl | Cytoplasm | enzyme | Bm1 |
| 1.239 | 213808\_at | ADAM23 | ADAM metallopeptidase domain 23 | Plasma Membrane | peptidase | Bm1 |
| -2.093 | 237213\_at | ADNP-AS1 | ADNP antisense RNA 1 | Other | other | Bm1 |
| -2.352 | 206170\_at | ADRB2 | adrenoceptor beta 2 | Plasma Membrane | G-protein coupled receptor | Bm1 |
| -2.221 | 238871\_at | AFDN | afadin, adherens junction formation factor | Nucleus | other | Bm1 |
| -2.547 | 206513\_at | AIM2 | absent in melanoma 2 | Cytoplasm | other | Bm1 |
| -2.146 | 205633\_s\_at | ALAS1 | 5'-aminolevulinate synthase 1 | Cytoplasm | enzyme | Bm1 |
| -2.025 | 202054\_s\_at | ALDH3A2 | aldehyde dehydrogenase 3 family member A2 | Cytoplasm | enzyme | Bm1 |
| -2.026 | 214221\_at | ALMS1 | ALMS1, centrosome and basal body associated protein | Cytoplasm | other | Bm1 |
| -1.161 | 1555731\_a\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | Bm1 |
| -2.235 | 1555733\_s\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | Bm1 |
| 1.185 | 210873\_x\_at | APOBEC3A | apolipoprotein B mRNA editing enzyme catalytic subunit 3A | Cytoplasm | enzyme | Bm1 |
| -2.387 | 238126\_at | APTR | Alu-mediated CDKN1A/p21 transcriptional regulator | Other | other | Bm1 |
| -2.035 | 229648\_at | ARHGAP32 | Rho GTPase activating protein 32 | Cytoplasm | other | Bm1 |
| -1.935 | 233621\_s\_at | ARHGEF12 | Rho guanine nucleotide exchange factor 12 | Cytoplasm | other | Bm1 |
| -2.377 | 241631\_at | ARHGEF40 | Rho guanine nucleotide exchange factor 40 | Other | other | Bm1 |
| 1.152 | 1562270\_at | ARHGEF7 | Rho guanine nucleotide exchange factor 7 | Cytoplasm | other | Bm1 |
| -2.153 | 229028\_s\_at | ARL17A/ARL17B | ADP ribosylation factor like GTPase 17A | Other | other | Bm1 |
| -2.546 | 223735\_at | ARL6 | ADP ribosylation factor like GTPase 6 | Cytoplasm | transporter | Bm1 |
| -1.063 | 228027\_at | ARMCX5-GPRASP2/GPRASP2 | G protein-coupled receptor associated sorting protein 2 | Plasma Membrane | other | Bm1 |
| -2.52 | 225283\_at | ARRDC4 | arrestin domain containing 4 | Plasma Membrane | other | Bm1 |
| -2.016 | 226941\_at | ATF6 | activating transcription factor 6 | Cytoplasm | transcription regulator | Bm1 |
| 1.291 | 227083\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | Bm1 |
| -2.761 | 227100\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | Bm1 |
| -1.95 | 222446\_s\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | Bm1 |
| -2.258 | 227051\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | Bm1 |
| 1.327 | 227372\_s\_at | BAIAP2L1 | BAI1 associated protein 2 like 1 | Cytoplasm | other | Bm1 |
| -1.26 | 1555555\_at | BBS9 | Bardet-Biedl syndrome 9 | Extracellular Space | other | Bm1 |
| -1.608 | 1560977\_a\_at | BCL2L13 | BCL2 like 13 | Cytoplasm | other | Bm1 |
| -2.824 | 229963\_at | BEX5 | brain expressed X-linked 5 | Cytoplasm | other | Bm1 |
| -2.011 | 209203\_s\_at | BICD2 | BICD cargo adaptor 2 | Cytoplasm | other | Bm1 |
| -2.319 | 204493\_at | BID | BH3 interacting domain death agonist | Cytoplasm | other | Bm1 |
| -2.572 | 229589\_x\_at | BIVM | basic, immunoglobulin-like variable motif containing | Extracellular Space | other | Bm1 |
| -2.059 | 226543\_at | BLOC1S5 | biogenesis of lysosomal organelles complex 1 subunit 5 | Extracellular Space | other | Bm1 |
| -3.183 | 213578\_at | BMPR1A | bone morphogenetic protein receptor type 1A | Plasma Membrane | kinase | Bm1 |
| -2.381 | 231873\_at | BMPR2 | bone morphogenetic protein receptor type 2 | Plasma Membrane | kinase | Bm1 |
| -2.173 | 232103\_at | BPNT1 | 3'(2'), 5'-bisphosphate nucleotidase 1 | Nucleus | phosphatase | Bm1 |
| 1.292 | 214727\_at | BRCA2 | BRCA2, DNA repair associated | Nucleus | transcription regulator | Bm1 |
| -3.697 | 228434\_at | BTNL9 | butyrophilin like 9 | Plasma Membrane | other | Bm1 |
| -2.095 | 222785\_x\_at | C11orf1 | chromosome 11 open reading frame 1 | Nucleus | other | Bm1 |
| -1.962 | 218546\_at | C1orf115 | chromosome 1 open reading frame 115 | Other | other | Bm1 |
| -2.238 | 218983\_at | C1RL | complement C1r subcomponent like | Extracellular Space | peptidase | Bm1 |
| -2.648 | 1568658\_at | C2orf74 | chromosome 2 open reading frame 74 | Other | other | Bm1 |
| -1.289 | 232270\_at | C9orf3 | chromosome 9 open reading frame 3 | Cytoplasm | peptidase | Bm1 |
| -2.055 | 1559419\_at | CACNB2 | calcium voltage-gated channel auxiliary subunit beta 2 | Plasma Membrane | ion channel | Bm1 |
| -1.86 | 218309\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | Bm1 |
| -2.812 | 229163\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | Bm1 |
| -2.422 | 1552701\_a\_at | CARD16 | caspase recruitment domain family member 16 | Other | other | Bm1 |
| 1.178 | 1570197\_at | CCDC194 |  | Other | other | Bm1 |
| 1.077 | 204103\_at | CCL4 | C-C motif chemokine ligand 4 | Extracellular Space | cytokine | Bm1 |
| -2.963 | 1569353\_at | CCP110 | centriolar coiled-coil protein 110 | Cytoplasm | other | Bm1 |
| -2.42 | 201326\_at | CCT6A | chaperonin containing TCP1 subunit 6A | Cytoplasm | other | Bm1 |
| -2.58 | 205987\_at | CD1C | CD1c molecule | Plasma Membrane | other | Bm1 |
| -2.228 | 206150\_at | CD27 | CD27 molecule | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.071 | 209933\_s\_at | CD300A | CD300a molecule | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.06 | 200663\_at | CD63 | CD63 molecule | Plasma Membrane | other | Bm1 |
| -2.055 | 1555689\_at | CD80 | CD80 molecule | Plasma Membrane | transmembrane receptor | Bm1 |
| 1.83 | 206761\_at | CD96 | CD96 molecule | Plasma Membrane | other | Bm1 |
| 1.785 | 1555120\_at | CD96 | CD96 molecule | Plasma Membrane | other | Bm1 |
| -2.378 | 239247\_at | CD99P1 | CD99 molecule pseudogene 1 | Plasma Membrane | other | Bm1 |
| -2.411 | 1554489\_a\_at | CEP70 | centrosomal protein 70 | Cytoplasm | other | Bm1 |
| -2.222 | 1559051\_s\_at | CGAS | cyclic GMP-AMP synthase | Cytoplasm | enzyme | Bm1 |
| -1.271 | 238075\_at | CHEK1 | checkpoint kinase 1 | Nucleus | kinase | Bm1 |
| -2.933 | 204591\_at | CHL1 | cell adhesion molecule L1 like | Plasma Membrane | other | Bm1 |
| -2.139 | 208424\_s\_at | CIAPIN1 | cytokine induced apoptosis inhibitor 1 | Cytoplasm | other | Bm1 |
| -2.253 | 226686\_at | CISD2 | CDGSH iron sulfur domain 2 | Cytoplasm | other | Bm1 |
| -2.762 | 200998\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | Bm1 |
| -2.101 | 200999\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | Bm1 |
| 1.734 | 1555687\_a\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | Bm1 |
| 1.611 | 1552552\_s\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | Bm1 |
| 2.295 | 226702\_at | CMPK2 | cytidine/uridine monophosphate kinase 2 | Cytoplasm | kinase | Bm1 |
| -1.102 | 201445\_at | CNN3 | calponin 3 | Cytoplasm | other | Bm1 |
| -1.374 | 228297\_at | CNN3 | calponin 3 | Cytoplasm | other | Bm1 |
| -2.144 | 209796\_s\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | Bm1 |
| -2.403 | 209797\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | Bm1 |
| -2.305 | 214641\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | Bm1 |
| -2.636 | 216893\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | Bm1 |
| -2.768 | 216898\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | Bm1 |
| -2.461 | 222073\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | Bm1 |
| -2.277 | 203551\_s\_at | COX11 | cytochrome c oxidase copper chaperone COX11 | Cytoplasm | enzyme | Bm1 |
| -2.142 | 228728\_at | CPED1 | cadherin like and PC-esterase domain containing 1 | Cytoplasm | other | Bm1 |
| -2.183 | 235019\_at | CPM | carboxypeptidase M | Plasma Membrane | peptidase | Bm1 |
| 2.004 | 229228\_at | CREB5 | cAMP responsive element binding protein 5 | Nucleus | transcription regulator | Bm1 |
| -2.275 | 201200\_at | CREG1 | cellular repressor of E1A stimulated genes 1 | Nucleus | transcription regulator | Bm1 |
| 1.426 | 209967\_s\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | Bm1 |
| 1.486 | 214508\_x\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | Bm1 |
| -3.141 | 206777\_s\_at | CRYBB2 | crystallin beta B2 | Other | other | Bm1 |
| -2.037 | 221260\_s\_at | CSRNP2 | cysteine and serine rich nuclear protein 2 | Nucleus | transcription regulator | Bm1 |
| 1.402 | 210140\_at | CST7 | cystatin F | Extracellular Space | other | Bm1 |
| 1.118 | 209975\_at | CYP2E1 | cytochrome P450 family 2 subfamily E member 1 | Cytoplasm | enzyme | Bm1 |
| -2.297 | 214235\_at | CYP3A5 | cytochrome P450 family 3 subfamily A member 5 | Cytoplasm | enzyme | Bm1 |
| 1.319 | 225799\_at | CYTOR | cytoskeleton regulator RNA | Other | other | Bm1 |
| -2.078 | 239376\_at | DCLRE1C | DNA cross-link repair 1C | Nucleus | enzyme | Bm1 |
| -2.089 | 235436\_at | DDX31 | DEAD-box helicase 31 | Nucleus | enzyme | Bm1 |
| 1.271 | 218986\_s\_at | DDX60 | DExD/H-box helicase 60 | Cytoplasm | enzyme | Bm1 |
| -2.103 | 228032\_s\_at | DENND1B | DENN domain containing 1B | Other | other | Bm1 |
| -2.319 | 244784\_at | DHX57 | DExH-box helicase 57 | Extracellular Space | other | Bm1 |
| -2.066 | 210801\_at | DIMT1 | DIM1 dimethyladenosine transferase 1 homolog | Cytoplasm | enzyme | Bm1 |
| -2.07 | 213149\_at | DLAT | dihydrolipoamide S-acetyltransferase | Cytoplasm | enzyme | Bm1 |
| -1.263 | 1553998\_at | DMRTC1/DMRTC1B | DMRT like family C1 | Other | other | Bm1 |
| -2.532 | 229588\_at | DNAJC10 | DnaJ heat shock protein family (Hsp40) member C10 | Cytoplasm | enzyme | Bm1 |
| -1.101 | 209839\_at | DNM3 | dynamin 3 | Cytoplasm | enzyme | Bm1 |
| -2.403 | 225200\_at | DPH3 | diphthamide biosynthesis 3 | Cytoplasm | other | Bm1 |
| 2.562 | 200606\_at | DSP | desmoplakin | Plasma Membrane | other | Bm1 |
| -2.396 | 201022\_s\_at | DSTN | destrin, actin depolymerizing factor | Cytoplasm | other | Bm1 |
| -1.492 | 235606\_at | DUBR | DPPA2 upstream binding RNA | Other | other | Bm1 |
| 1.861 | 226034\_at | DUSP4 | dual specificity phosphatase 4 | Nucleus | phosphatase | Bm1 |
| -1.555 | 1554772\_at | EFCAB13 | EF-hand calcium binding domain 13 | Nucleus | other | Bm1 |
| -2.381 | 221497\_x\_at | EGLN1 | egl-9 family hypoxia inducible factor 1 | Cytoplasm | enzyme | Bm1 |
| -2.039 | 205249\_at | EGR2 | early growth response 2 | Nucleus | transcription regulator | Bm1 |
| 1.552 | 242898\_at | EIF2AK2 | eukaryotic translation initiation factor 2 alpha kinase 2 | Cytoplasm | kinase | Bm1 |
| 2.028 | 206919\_at | ELK4 | ELK4, ETS transcription factor | Nucleus | transcription regulator | Bm1 |
| -1.195 | 242443\_at | EML5 | echinoderm microtubule associated protein like 5 | Cytoplasm | other | Bm1 |
| -1.711 | 223893\_at | ENAM | enamelin | Extracellular Space | other | Bm1 |
| -1.165 | 201340\_s\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | Bm1 |
| 1.193 | 201341\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | Bm1 |
| 1.055 | 204143\_s\_at | ENOSF1 | enolase superfamily member 1 | Other | enzyme | Bm1 |
| 1.379 | 220120\_s\_at | EPB41L4A | erythrocyte membrane protein band 4.1 like 4A | Extracellular Space | other | Bm1 |
| -1.716 | 1562249\_at | EPHA1-AS1 | EPHA1 antisense RNA 1 | Other | other | Bm1 |
| 1.681 | 227609\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | Bm1 |
| 1.268 | 235276\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | Bm1 |
| -2.324 | 224576\_at | ERGIC1 | endoplasmic reticulum-golgi intermediate compartment 1 | Cytoplasm | other | Bm1 |
| -2.151 | 213365\_at | ERI2 | ERI1 exoribonuclease family member 2 | Other | other | Bm1 |
| 1.131 | 244452\_at | ERLEC1 | endoplasmic reticulum lectin 1 | Cytoplasm | other | Bm1 |
| 1.474 | 219629\_at | FAM118A | family with sequence similarity 118 member A | Other | other | Bm1 |
| 1.628 | 217966\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | Bm1 |
| 1.88 | 217967\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | Bm1 |
| 1.288 | 214889\_at | FAM149A | family with sequence similarity 149 member A | Other | other | Bm1 |
| -1.617 | 224435\_at | FAM213A | family with sequence similarity 213 member A | Extracellular Space | other | Bm1 |
| -2.361 | 1557217\_a\_at | FANCB | FA complementation group B | Nucleus | other | Bm1 |
| -2.089 | 1568891\_x\_at | FANCD2 | FA complementation group D2 | Nucleus | other | Bm1 |
| 1.296 | 204781\_s\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | Bm1 |
| 1.345 | 215719\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | Bm1 |
| 1.287 | 216252\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.046 | 1559214\_at | FBXO22 | F-box protein 22 | Cytoplasm | enzyme | Bm1 |
| -2.01 | 1559094\_at | FBXO9 | F-box protein 9 | Cytoplasm | enzyme | Bm1 |
| 1.387 | 203561\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | Bm1 |
| -1.099 | 1565673\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | Bm1 |
| -1.041 | 227948\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | Bm1 |
| 1.043 | 230559\_x\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | Bm1 |
| 1.717 | 242445\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | Bm1 |
| 2.625 | 1555136\_at | FGD6 | FYVE, RhoGEF and PH domain containing 6 | Cytoplasm | other | Bm1 |
| -2.415 | 204834\_at | FGL2 | fibrinogen like 2 | Extracellular Space | peptidase | Bm1 |
| -2.037 | 226805\_at | FITM2 | fat storage inducing transmembrane protein 2 | Cytoplasm | other | Bm1 |
| -2.768 | 76897\_s\_at | FKBP15 | FK506 binding protein 15 | Plasma Membrane | enzyme | Bm1 |
| 1.104 | 228188\_at | FOSL2 | FOS like 2, AP-1 transcription factor subunit | Nucleus | transcription regulator | Bm1 |
| -1.053 | 223936\_s\_at | FOXP1 | forkhead box P1 | Nucleus | transcription regulator | Bm1 |
| -2.558 | 242135\_at | FRG1GP | FSHD region gene 1 family member G, pseudogene | Other | other | Bm1 |
| -2.108 | 232182\_at | FRG1HP | FSHD region gene 1 family member H, pseudogene | Other | other | Bm1 |
| -1.98 | 209892\_at | FUT4 | fucosyltransferase 4 | Cytoplasm | enzyme | Bm1 |
| 1.494 | 211458\_s\_at | GABARAPL3 | GABA type A receptor associated protein like 3 pseudogene | Other | other | Bm1 |
| -2.023 | 204417\_at | GALC | galactosylceramidase | Cytoplasm | enzyme | Bm1 |
| -1.924 | 218885\_s\_at | GALNT12 | polypeptide N-acetylgalactosaminyltransferase 12 | Cytoplasm | enzyme | Bm1 |
| 1.48 | 232110\_at | GALNT5 | polypeptide N-acetylgalactosaminyltransferase 5 | Cytoplasm | enzyme | Bm1 |
| 1.534 | 202191\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | Bm1 |
| 1.188 | 202192\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | Bm1 |
| 1.351 | 210872\_x\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | Bm1 |
| 1.224 | 211067\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | Bm1 |
| -2.027 | 214711\_at | GATC | glutamyl-tRNA amidotransferase subunit C | Nucleus | enzyme | Bm1 |
| -2.596 | 203178\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | Bm1 |
| -2.084 | 216733\_s\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | Bm1 |
| -2.239 | 210175\_at | GCFC2 | GC-rich sequence DNA-binding factor 2 | Nucleus | transcription regulator | Bm1 |
| -2.028 | 230788\_at | GCNT2 | glucosaminyl (N-acetyl) transferase 2 (I blood group) | Cytoplasm | enzyme | Bm1 |
| -2.04 | 213133\_s\_at | GCSH | glycine cleavage system protein H | Cytoplasm | enzyme | Bm1 |
| 1.306 | 228376\_at | GGTA1P | glycoprotein, alpha-galactosyltransferase 1 pseudogene | Cytoplasm | other | Bm1 |
| -2.086 | 232024\_at | GIMAP2 | GTPase, IMAP family member 2 | Cytoplasm | other | Bm1 |
| -2.061 | 221932\_s\_at | GLRX5 | glutaredoxin 5 | Cytoplasm | other | Bm1 |
| 1.538 | 202615\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | Bm1 |
| 2.245 | 224862\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | Bm1 |
| -3.015 | 204115\_at | GNG11 | G protein subunit gamma 11 | Plasma Membrane | other | Bm1 |
| -1.135 | 211522\_s\_at | GNRHR | gonadotropin releasing hormone receptor | Plasma Membrane | G-protein coupled receptor | Bm1 |
| -2.204 | 208843\_s\_at | GORASP2 | golgi reassembly stacking protein 2 | Cytoplasm | other | Bm1 |
| -2.079 | 225420\_at | GPAM | glycerol-3-phosphate acyltransferase, mitochondrial | Cytoplasm | enzyme | Bm1 |
| -2.062 | 223319\_at | GPHN | gephyrin | Plasma Membrane | enzyme | Bm1 |
| -1.007 | 204137\_at | GPR137B | G protein-coupled receptor 137B | Plasma Membrane | other | Bm1 |
| -1.035 | 228770\_at | GPR146 | G protein-coupled receptor 146 | Plasma Membrane | G-protein coupled receptor | Bm1 |
| -2.054 | 1566257\_at | GPR180 | G protein-coupled receptor 180 | Cytoplasm | other | Bm1 |
| -2.024 | 244434\_at | GPR82 | G protein-coupled receptor 82 | Plasma Membrane | G-protein coupled receptor | Bm1 |
| 2.209 | 226043\_at | GPSM1 | G protein signaling modulator 1 | Cytoplasm | other | Bm1 |
| -3.298 | 1559688\_at | GRAPL | GRB2 related adaptor protein like | Other | other | Bm1 |
| -1.446 | 1559923\_at | GRIK1 | glutamate ionotropic receptor kainate type subunit 1 | Plasma Membrane | ion channel | Bm1 |
| 1.442 | 204550\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | Bm1 |
| 1.455 | 215333\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | Bm1 |
| 1.327 | 204418\_x\_at | GSTM2 | glutathione S-transferase mu 2 | Cytoplasm | enzyme | Bm1 |
| -1.142 | 204149\_s\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | Bm1 |
| 1.124 | 210912\_x\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | Bm1 |
| -1.136 | 230376\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | Bm1 |
| -2.858 | 243985\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | Bm1 |
| -2.25 | 202451\_at | GTF2H1 | general transcription factor IIH subunit 1 | Nucleus | transcription regulator | Bm1 |
| 1.552 | 232821\_at | GTSF1L | gametocyte specific factor 1 like | Other | other | Bm1 |
| -2.048 | 202605\_at | GUSB | glucuronidase beta | Cytoplasm | enzyme | Bm1 |
| -2.337 | 233655\_s\_at | HAUS6 | HAUS augmin like complex subunit 6 | Cytoplasm | other | Bm1 |
| 1.621 | 204018\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | Bm1 |
| 1.429 | 217414\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | Bm1 |
| 1.355 | 209116\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | Bm1 |
| 1.237 | 211696\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | Bm1 |
| 1.317 | 217232\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | Bm1 |
| 1.31 | 204848\_x\_at | HBG1 | hemoglobin subunit gamma 1 | Cytoplasm | other | Bm1 |
| 1.268 | 204419\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | Bm1 |
| 1.272 | 213515\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | Bm1 |
| -2.016 | 206685\_at | HCG4 | HLA complex group 4 | Other | other | Bm1 |
| -1.04 | 208018\_s\_at | HCK | HCK proto-oncogene, Src family tyrosine kinase | Cytoplasm | kinase | Bm1 |
| -2.064 | 203259\_s\_at | HDDC2 | HD domain containing 2 | Cytoplasm | other | Bm1 |
| 1.148 | 209524\_at | HDGFL3 | HDGF like 3 | Nucleus | other | Bm1 |
| 1.293 | 1558103\_a\_at | HDGFL3 | HDGF like 3 | Nucleus | other | Bm1 |
| -2.022 | 223155\_at | HDHD2 | haloacid dehalogenase like hydrolase domain containing 2 | Cytoplasm | other | Bm1 |
| 1.981 | 219863\_at | HERC5 | HECT and RLD domain containing E3 ubiquitin protein ligase 5 | Cytoplasm | enzyme | Bm1 |
| 1.451 | 219352\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | Bm1 |
| 1.758 | 1563659\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | Bm1 |
| -2.181 | 225115\_at | HIPK2 | homeodomain interacting protein kinase 2 | Nucleus | kinase | Bm1 |
| -2.409 | 214469\_at | HIST1H2AE | histone cluster 1 H2A family member e | Nucleus | other | Bm1 |
| -1.564 | 214554\_at | HIST1H2AL | histone cluster 1 H2A family member l | Nucleus | other | Bm1 |
| -2.132 | 239975\_at | HLA-DPB2 | major histocompatibility complex, class II, DP beta 2 (pseudogene) | Other | other | Bm1 |
| -2.645 | 203290\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | Bm1 |
| 5.87 | 213831\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | Bm1 |
| 4.648 | 236203\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | Bm1 |
| 4.157 | 209480\_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | Plasma Membrane | other | Bm1 |
| -5.516 | 209728\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | Bm1 |
| -3.131 | 215666\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.495 | 215669\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.267 | 1556097\_at | HOMER2 | homer scaffold protein 2 | Plasma Membrane | other | Bm1 |
| 1.203 | 206864\_s\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | Bm1 |
| 2.216 | 206865\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | Bm1 |
| 1.284 | 229552\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | Bm1 |
| 2.03 | 237187\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | Bm1 |
| 1.201 | 1566734\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | Bm1 |
| 2.044 | 227361\_at | HS3ST3B1 | heparan sulfate-glucosamine 3-sulfotransferase 3B1 | Cytoplasm | enzyme | Bm1 |
| -2.412 | 200799\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | Bm1 |
| -2.3 | 202581\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | Bm1 |
| 1.144 | 117\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | Bm1 |
| 1.165 | 213418\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | Bm1 |
| -2.036 | 210338\_s\_at | HSPA8 | heat shock protein family A (Hsp70) member 8 | Cytoplasm | enzyme | Bm1 |
| -2.361 | 236115\_at | HTR7P1 | 5-hydroxytryptamine receptor 7 pseudogene 1 | Other | other | Bm1 |
| 1.815 | 202411\_at | IFI27 | interferon alpha inducible protein 27 | Cytoplasm | other | Bm1 |
| 2.822 | 214059\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | Bm1 |
| 3.138 | 214453\_s\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | Bm1 |
| 3.291 | 204439\_at | IFI44L | interferon induced protein 44 like | Nucleus | other | Bm1 |
| 1.832 | 204415\_at | IFI6 | interferon alpha inducible protein 6 | Cytoplasm | other | Bm1 |
| 1.384 | 203153\_at | IFIT1 | interferon induced protein with tetratricopeptide repeats 1 | Cytoplasm | other | Bm1 |
| 1.75 | 204747\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | Bm1 |
| 1.572 | 229450\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | Bm1 |
| 1.806 | 201601\_x\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | Bm1 |
| 2.069 | 214022\_s\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | Bm1 |
| -1.062 | 210354\_at | IFNG | interferon gamma | Extracellular Space | cytokine | Bm1 |
| -1.364 | 203627\_at | IGF1R | insulin like growth factor 1 receptor | Plasma Membrane | transmembrane receptor | Bm1 |
| -1.968 | 1558438\_a\_at | IGHE | immunoglobulin heavy constant epsilon | Extracellular Space | other | Bm1 |
| -2.084 | 206618\_at | IL18R1 | interleukin 18 receptor 1 | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.155 | 206341\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.001 | 211269\_s\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.532 | 206693\_at | IL7 | interleukin 7 | Extracellular Space | cytokine | Bm1 |
| 1.309 | 213817\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | Bm1 |
| -1.685 | 1568830\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | Bm1 |
| 1.342 | 205483\_s\_at | ISG15 | ISG15 ubiquitin-like modifier | Extracellular Space | other | Bm1 |
| -1.431 | 201656\_at | ITGA6 | integrin subunit alpha 6 | Plasma Membrane | transmembrane receptor | Bm1 |
| -1.832 | 202351\_at | ITGAV | integrin subunit alpha V | Plasma Membrane | transmembrane receptor | Bm1 |
| 1.335 | 210184\_at | ITGAX | integrin subunit alpha X | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.076 | 202746\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | Bm1 |
| -2.519 | 202747\_s\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | Bm1 |
| -2.092 | 1562110\_at | IWS1 | IWS1, SUPT6H interacting protein | Nucleus | enzyme | Bm1 |
| -1.453 | 229127\_at | JAM2 | junctional adhesion molecule 2 | Plasma Membrane | other | Bm1 |
| -4.175 | 212592\_at | JCHAIN | joining chain of multimeric IgA and IgM | Extracellular Space | other | Bm1 |
| -1.501 | 220141\_at | JHY | junctional cadherin complex regulator | Other | other | Bm1 |
| 1.189 | 218418\_s\_at | KANK2 | KN motif and ankyrin repeat domains 2 | Nucleus | transcription regulator | Bm1 |
| -3.075 | 232094\_at | KATNBL1 | katanin regulatory subunit B1 like 1 | Nucleus | other | Bm1 |
| -1.422 | 214595\_at | KCNG1 | potassium voltage-gated channel modifier subfamily G member 1 | Plasma Membrane | ion channel | Bm1 |
| -2.033 | 237249\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | Bm1 |
| -2.3 | 244727\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | Bm1 |
| -2.104 | 214185\_at | KHDRBS1 | KH RNA binding domain containing, signal transduction associated 1 | Nucleus | transcription regulator | Bm1 |
| -2.029 | 202393\_s\_at | KLF10 | Kruppel like factor 10 | Nucleus | transcription regulator | Bm1 |
| -1.234 | 1564272\_a\_at | KLHDC1 | kelch domain containing 1 | Cytoplasm | other | Bm1 |
| -2.121 | 1560396\_at | KLHL6 | kelch like family member 6 | Other | other | Bm1 |
| -2.338 | 223250\_at | KLHL7 | kelch like family member 7 | Nucleus | other | Bm1 |
| 2.407 | 205821\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | Bm1 |
| 2.832 | 1555691\_a\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | Bm1 |
| -1.879 | 200771\_at | LAMC1 | laminin subunit gamma 1 | Extracellular Space | other | Bm1 |
| -2.471 | 214039\_s\_at | LAPTM4B | lysosomal protein transmembrane 4 beta | Cytoplasm | other | Bm1 |
| 1.018 | 1563039\_at | LARGE-AS1 | LARGE antisense RNA 1 | Other | other | Bm1 |
| -2.46 | 221515\_s\_at | LCMT1 | leucine carboxyl methyltransferase 1 | Cytoplasm | enzyme | Bm1 |
| 3.137 | 205270\_s\_at | LCP2 | lymphocyte cytosolic protein 2 | Cytoplasm | other | Bm1 |
| -1.508 | 210712\_at | LDHAL6B | lactate dehydrogenase A like 6B | Cytoplasm | enzyme | Bm1 |
| 1.27 | 221558\_s\_at | LEF1 | lymphoid enhancer binding factor 1 | Nucleus | transcription regulator | Bm1 |
| 1.851 | 200923\_at | LGALS3BP | galectin 3 binding protein | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.132 | 210313\_at | LILRA4 | leukocyte immunoglobulin like receptor A4 | Plasma Membrane | other | Bm1 |
| -1.27 | 217892\_s\_at | LIMA1 | LIM domain and actin binding 1 | Cytoplasm | other | Bm1 |
| -2.408 | 212687\_at | LIMS1 | LIM zinc finger domain containing 1 | Plasma Membrane | other | Bm1 |
| 4.967 | 231455\_at | LINC00487 | long intergenic non-protein coding RNA 487 | Other | other | Bm1 |
| -2.06 | 236854\_at | LINC00494 | long intergenic non-protein coding RNA 494 | Other | other | Bm1 |
| -3.269 | 1560762\_at | LINC00996 | long intergenic non-protein coding RNA 996 | Other | other | Bm1 |
| -2.428 | 235174\_s\_at | LINC01003 | long intergenic non-protein coding RNA 1003 | Other | other | Bm1 |
| -2.024 | 236564\_at | LINC01128 | long intergenic non-protein coding RNA 1128 | Other | other | Bm1 |
| -1.35 | 1562742\_at | LINC01362 | long intergenic non-protein coding RNA 1362 | Other | other | Bm1 |
| -2 | 239287\_at | LINC01857 | long intergenic non-protein coding RNA 1857 | Other | other | Bm1 |
| 2.795 | 238632\_at | LINC02562 |  | Other | other | Bm1 |
| 1.068 | 230865\_at | LIX1 | limb and CNS expressed 1 | Other | other | Bm1 |
| -2.046 | 229537\_at | LMO4 | LIM domain only 4 | Nucleus | transcription regulator | Bm1 |
| -2.018 | 225717\_at | LNPK | lunapark, ER junction formation factor | Cytoplasm | other | Bm1 |
| -1.181 | 1556301\_at | LOC100287015 | uncharacterized LOC100287015 | Other | other | Bm1 |
| 1.175 | 235171\_at | LOC100505501 | uncharacterized LOC100505501 | Other | other | Bm1 |
| -1.092 | 243742\_at | LOC100505797 | myosin heavy chain IB-like | Other | other | Bm1 |
| 1.198 | 1568648\_a\_at | LOC100505851 | uncharacterized LOC100505851 | Other | other | Bm1 |
| -1.184 | 227985\_at | LOC100506098 | uncharacterized LOC100506098 | Other | other | Bm1 |
| -1.715 | 241535\_at | LOC101060391 | uncharacterized LOC101060391 | Other | other | Bm1 |
| -2.328 | 236075\_s\_at | LOC101928000 | uncharacterized LOC101928000 | Other | other | Bm1 |
| -1.78 | 1568898\_at | LOC101928140 | uncharacterized LOC101928140 | Other | other | Bm1 |
| -2.099 | 215565\_at | LOC101929272 | uncharacterized LOC101929272 | Other | other | Bm1 |
| 1.675 | 239988\_at | LOC102723458 | uncharacterized LOC102723458 | Other | other | Bm1 |
| -2.137 | 236453\_at | LOC105372733 | uncharacterized LOC105372733 | Other | other | Bm1 |
| 1.265 | 243754\_at | LOC105373098 | uncharacterized LOC105373098 | Other | other | Bm1 |
| 2.094 | 1556172\_at | LOC105374809 | uncharacterized LOC105374809 | Other | other | Bm1 |
| -3.003 | 1560637\_at | LOC105375839 | uncharacterized LOC105375839 | Other | other | Bm1 |
| -2.117 | 220609\_at | LOC202181 | SUMO interacting motifs containing 1 pseudogene | Other | other | Bm1 |
| -2.11 | 1562568\_at | LOC400541 | uncharacterized LOC400541 | Other | other | Bm1 |
| -2.098 | 1559459\_at | LOC613266 | uncharacterized LOC613266 | Other | other | Bm1 |
| 1.239 | 1561759\_at | LOC645513 | septin 7 pseudogene | Other | other | Bm1 |
| -1.249 | 236977\_at | LOC646588 | uncharacterized LOC646588 | Other | other | Bm1 |
| -1.989 | 226826\_at | LSM11 | LSM11, U7 small nuclear RNA associated | Nucleus | other | Bm1 |
| -2.572 | 221832\_s\_at | LUZP1 | leucine zipper protein 1 | Nucleus | other | Bm1 |
| 1.049 | 213975\_s\_at | LYZ | lysozyme | Extracellular Space | enzyme | Bm1 |
| -1.475 | 1555745\_a\_at | LYZ | lysozyme | Extracellular Space | enzyme | Bm1 |
| 1.139 | 235278\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | Bm1 |
| 1.09 | 1563209\_a\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | Bm1 |
| -1.073 | 226084\_at | MAP1B | microtubule associated protein 1B | Cytoplasm | other | Bm1 |
| 1.231 | 225540\_at | MAP2 | microtubule associated protein 2 | Plasma Membrane | other | Bm1 |
| -1.555 | 225662\_at | MAP3K20 | mitogen-activated protein kinase kinase kinase 20 | Cytoplasm | kinase | Bm1 |
| 2.106 | 228262\_at | MAP7D2 | MAP7 domain containing 2 | Other | other | Bm1 |
| -2.889 | 220145\_at | MAP9 | microtubule associated protein 9 | Cytoplasm | other | Bm1 |
| -2.889 | 221636\_s\_at | MARC2 | mitochondrial amidoxime reducing component 2 | Cytoplasm | enzyme | Bm1 |
| -2.868 | 225611\_at | MAST4 | microtubule associated serine/threonine kinase family member 4 | Other | kinase | Bm1 |
| -2.713 | 1564906\_at | MATR3 | matrin 3 | Nucleus | other | Bm1 |
| -1.26 | 214397\_at | MBD2 | methyl-CpG binding domain protein 2 | Nucleus | transcription regulator | Bm1 |
| -2.035 | 232298\_at | MBNL1-AS1 | MBNL1 antisense RNA 1 | Other | other | Bm1 |
| -2.348 | 206132\_at | MCC | MCC, WNT signaling pathway regulator | Cytoplasm | other | Bm1 |
| -2.096 | 232740\_at | MCM3AP-AS1 | MCM3AP antisense RNA 1 | Other | other | Bm1 |
| -1.906 | 211675\_s\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | Bm1 |
| -1.61 | 1559942\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | Bm1 |
| -1.47 | 1562731\_s\_at | MDS2 | myelodysplastic syndrome 2 translocation associated | Extracellular Space | other | Bm1 |
| -2.122 | 244611\_at | MED13 | mediator complex subunit 13 | Nucleus | transcription regulator | Bm1 |
| -2.538 | 219318\_x\_at | MED31 | mediator complex subunit 31 | Nucleus | other | Bm1 |
| -1.015 | 226869\_at | MEGF6 | multiple EGF like domains 6 | Cytoplasm | other | Bm1 |
| -2.04 | 227805\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | Bm1 |
| -2.367 | 1565755\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | Bm1 |
| -2.176 | 1565756\_a\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | Bm1 |
| -2.987 | 232533\_at | METTL8 | methyltransferase like 8 | Other | enzyme | Bm1 |
| -2.138 | 1554667\_s\_at | METTL8 | methyltransferase like 8 | Other | enzyme | Bm1 |
| 2.253 | 1552312\_a\_at | MFAP3 | microfibril associated protein 3 | Extracellular Space | other | Bm1 |
| 1.054 | 209758\_s\_at | MFAP5 | microfibril associated protein 5 | Extracellular Space | other | Bm1 |
| -2.919 | 1569136\_at | MGAT4A | alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | Cytoplasm | enzyme | Bm1 |
| -2.287 | 1558166\_at | MGC16275 | uncharacterized protein MGC16275 | Other | other | Bm1 |
| 1.058 | 212473\_s\_at | MICAL2 | microtubule associated monooxygenase, calponin and LIM domain containing 2 | Cytoplasm | enzyme | Bm1 |
| -2.01 | 238458\_at | MICU3 | mitochondrial calcium uptake family member 3 | Cytoplasm | other | Bm1 |
| -2.187 | 204594\_s\_at | MIEF1 | mitochondrial elongation factor 1 | Cytoplasm | other | Bm1 |
| -2.346 | 235428\_at | MINCR | MYC-induced long non-coding RNA | Other | other | Bm1 |
| -2.315 | 213708\_s\_at | MLX | MLX, MAX dimerization protein | Nucleus | transcription regulator | Bm1 |
| 1.605 | 209708\_at | MOXD1 | monooxygenase DBH like 1 | Cytoplasm | enzyme | Bm1 |
| -2.327 | 237158\_s\_at | MPHOSPH9 | M-phase phosphoprotein 9 | Cytoplasm | other | Bm1 |
| -2.511 | 218654\_s\_at | MRPS33 | mitochondrial ribosomal protein S33 | Cytoplasm | other | Bm1 |
| 1.3 | 230550\_at | MS4A6A | membrane spanning 4-domains A6A | Other | other | Bm1 |
| -2.032 | 242996\_at | MTRF1 | mitochondrial translation release factor 1 | Cytoplasm | translation regulator | Bm1 |
| -2.024 | 203517\_at | MTX2 | metaxin 2 | Cytoplasm | transporter | Bm1 |
| 1.635 | 202086\_at | MX1 | MX dynamin like GTPase 1 | Cytoplasm | enzyme | Bm1 |
| -2.011 | 203360\_s\_at | MYCBP | MYC binding protein | Nucleus | transcription regulator | Bm1 |
| -1.489 | 212365\_at | MYO1B | myosin IB | Cytoplasm | enzyme | Bm1 |
| 2.011 | 225301\_s\_at | MYO5B | myosin VB | Cytoplasm | enzyme | Bm1 |
| -2.266 | 1568805\_at | NCOA7 | nuclear receptor coactivator 7 | Nucleus | transcription regulator | Bm1 |
| -2.031 | 204162\_at | NDC80 | NDC80, kinetochore complex component | Nucleus | other | Bm1 |
| -1.016 | 236440\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | Bm1 |
| -1.773 | 1552736\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | Bm1 |
| -1.494 | 1562713\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | Bm1 |
| -2.64 | 222774\_s\_at | NETO2 | neuropilin and tolloid like 2 | Plasma Membrane | other | Bm1 |
| -2.221 | 244370\_at | NEXMIF | neurite extension and migration factor | Nucleus | enzyme | Bm1 |
| -2.99 | 210556\_at | NFATC3 | nuclear factor of activated T cells 3 | Nucleus | transcription regulator | Bm1 |
| -2.017 | 219418\_at | NHEJ1 | non-homologous end joining factor 1 | Nucleus | other | Bm1 |
| -2.161 | 223764\_x\_at | NIPSNAP3B | nipsnap homolog 3B | Other | other | Bm1 |
| 2.063 | 213915\_at | NKG7 | natural killer cell granule protein 7 | Plasma Membrane | other | Bm1 |
| -2.796 | 1558801\_at | NNT-AS1 | NNT antisense RNA 1 | Other | other | Bm1 |
| -2.132 | 223157\_at | NOA1 | nitric oxide associated 1 | Cytoplasm | other | Bm1 |
| -2.204 | 203023\_at | NOP16 | NOP16 nucleolar protein | Nucleus | other | Bm1 |
| -1.18 | 243996\_at | NPR2 | natriuretic peptide receptor 2 | Plasma Membrane | G-protein coupled receptor | Bm1 |
| 1.323 | 204105\_s\_at | NRCAM | neuronal cell adhesion molecule | Plasma Membrane | other | Bm1 |
| -1.022 | 1553994\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | Bm1 |
| -1.212 | 1553995\_a\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | Bm1 |
| -1.449 | 217540\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | Bm1 |
| -2.226 | 243011\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | Bm1 |
| -2.562 | 243606\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | Bm1 |
| 1.346 | 205552\_s\_at | OAS1 | 2'-5'-oligoadenylate synthetase 1 | Cytoplasm | enzyme | Bm1 |
| 1.678 | 228607\_at | OAS2 | 2'-5'-oligoadenylate synthetase 2 | Cytoplasm | enzyme | Bm1 |
| 1.477 | 218400\_at | OAS3 | 2'-5'-oligoadenylate synthetase 3 | Cytoplasm | enzyme | Bm1 |
| 2.027 | 205660\_at | OASL | 2'-5'-oligoadenylate synthetase like | Cytoplasm | enzyme | Bm1 |
| -1.709 | 216085\_at | OBSCN | obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF | Cytoplasm | kinase | Bm1 |
| 1.956 | 209925\_at | OCLN | occludin | Plasma Membrane | other | Bm1 |
| 1.4 | 227492\_at | OCLN | occludin | Plasma Membrane | other | Bm1 |
| 1.67 | 238327\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | Bm1 |
| 2.367 | 243934\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | Bm1 |
| -1.48 | 214705\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | Bm1 |
| -2.019 | 223681\_s\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | Bm1 |
| -1.629 | 227474\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | Bm1 |
| -1.485 | 228425\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | Bm1 |
| -1.949 | 1562481\_at | PCBP1-AS1 | PCBP1 antisense RNA 1 | Other | other | Bm1 |
| 1.106 | 205717\_x\_at | PCDHGC3 | protocadherin gamma subfamily C, 3 | Plasma Membrane | other | Bm1 |
| -2.126 | 204025\_s\_at | PDCD2 | programmed cell death 2 | Nucleus | other | Bm1 |
| -2.019 | 240088\_at | PDE5A | phosphodiesterase 5A | Cytoplasm | enzyme | Bm1 |
| -2.055 | 220236\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | Bm1 |
| -2.372 | 224904\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | Bm1 |
| -2.085 | 1570119\_at | PDS5B | PDS5 cohesin associated factor B | Nucleus | other | Bm1 |
| -2.192 | 230416\_at | PDZD8 | PDZ domain containing 8 | Extracellular Space | other | Bm1 |
| 1.403 | 202464\_s\_at | PFKFB3 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 | Cytoplasm | kinase | Bm1 |
| -1.166 | 239725\_at | PGAP1 | post-GPI attachment to proteins 1 | Cytoplasm | enzyme | Bm1 |
| -2.326 | 225366\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | Bm1 |
| -2.308 | 225367\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | Bm1 |
| -2.131 | 227947\_at | PHACTR2 | phosphatase and actin regulator 2 | Other | other | Bm1 |
| -2.095 | 242060\_x\_at | PHF11 | PHD finger protein 11 | Nucleus | other | Bm1 |
| -2.566 | 230098\_at | PHF20L1 | PHD finger protein 20 like 1 | Other | other | Bm1 |
| -2.308 | 1552291\_at | PIGX | phosphatidylinositol glycan anchor biosynthesis class X | Cytoplasm | other | Bm1 |
| -1.576 | 230673\_at | PKHD1L1 | PKHD1 like 1 | Extracellular Space | other | Bm1 |
| -1.375 | 227247\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | Bm1 |
| -2.186 | 1560556\_a\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | Bm1 |
| -2.836 | 209504\_s\_at | PLEKHB1 | pleckstrin homology domain containing B1 | Cytoplasm | other | Bm1 |
| -3.399 | 205871\_at | PLGLB1/PLGLB2 | plasminogen-like B2 | Extracellular Space | peptidase | Bm1 |
| -2.261 | 204938\_s\_at | PLN | phospholamban | Cytoplasm | transporter | Bm1 |
| 1.594 | 212230\_at | PLPP3 | phospholipid phosphatase 3 | Plasma Membrane | phosphatase | Bm1 |
| 1.204 | 202430\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | Bm1 |
| 1.191 | 202446\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | Bm1 |
| 1.396 | 244315\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | Bm1 |
| -2.143 | 234352\_x\_at | POLB | DNA polymerase beta | Nucleus | enzyme | Bm1 |
| -3.022 | 232181\_at | PPARGC1B | PPARG coactivator 1 beta | Nucleus | transcription regulator | Bm1 |
| -2.364 | 214146\_s\_at | PPBP | pro-platelet basic protein | Extracellular Space | cytokine | Bm1 |
| -2.071 | 200975\_at | PPT1 | palmitoyl-protein thioesterase 1 | Cytoplasm | enzyme | Bm1 |
| 2.225 | 228964\_at | PRDM1 | PR/SET domain 1 | Nucleus | transcription regulator | Bm1 |
| -1.117 | 229687\_s\_at | PRDM11 | PR/SET domain 11 | Other | other | Bm1 |
| -2.311 | 39729\_at | PRDX2 | peroxiredoxin 2 | Cytoplasm | enzyme | Bm1 |
| -2.35 | 236513\_at | PRELID2 | PRELI domain containing 2 | Cytoplasm | other | Bm1 |
| -2.093 | 205053\_at | PRIM1 | DNA primase subunit 1 | Nucleus | enzyme | Bm1 |
| -2.505 | 209678\_s\_at | PRKCI | protein kinase C iota | Cytoplasm | kinase | Bm1 |
| -2.345 | 235987\_at | PRKXP1 | PRKX pseudogene 1 | Other | other | Bm1 |
| 1.32 | 228273\_at | PRR11 | proline rich 11 | Other | other | Bm1 |
| -1.178 | 1555486\_a\_at | PRR5L | proline rich 5 like | Cytoplasm | other | Bm1 |
| -2.082 | 232490\_s\_at | PRUNE1 | prune exopolyphosphatase 1 | Nucleus | enzyme | Bm1 |
| -2.356 | 238425\_at | PSMB2 | proteasome subunit beta 2 | Cytoplasm | peptidase | Bm1 |
| -2.001 | 208827\_at | PSMB6 | proteasome subunit beta 6 | Nucleus | peptidase | Bm1 |
| -2.12 | 221840\_at | PTPRE | protein tyrosine phosphatase, receptor type E | Plasma Membrane | phosphatase | Bm1 |
| -1.258 | 229465\_s\_at | PTPRS | protein tyrosine phosphatase, receptor type S | Plasma Membrane | phosphatase | Bm1 |
| -2.689 | 219622\_at | RAB20 | RAB20, member RAS oncogene family | Cytoplasm | enzyme | Bm1 |
| 1.15 | 215070\_x\_at | RABGAP1 | RAB GTPase activating protein 1 | Cytoplasm | other | Bm1 |
| -2.381 | 224200\_s\_at | RAD18 | RAD18, E3 ubiquitin protein ligase | Nucleus | other | Bm1 |
| -2.509 | 201222\_s\_at | RAD23B | RAD23 homolog B, nucleotide excision repair protein | Nucleus | other | Bm1 |
| -2.141 | 230294\_at | RALY-AS1 | RALY antisense RNA 1 | Other | other | Bm1 |
| 2.217 | 204680\_s\_at | RAPGEF5 | Rap guanine nucleotide exchange factor 5 | Nucleus | other | Bm1 |
| 1.245 | 229147\_at | RASSF6 | Ras association domain family member 6 | Other | other | Bm1 |
| -2.33 | 209487\_at | RBPMS | RNA binding protein, mRNA processing factor | Cytoplasm | transcription regulator | Bm1 |
| 1.429 | 228802\_at | RBPMS2 | RNA binding protein, mRNA processing factor 2 | Cytoplasm | other | Bm1 |
| -2.116 | 217775\_s\_at | RDH11 | retinol dehydrogenase 11 | Cytoplasm | enzyme | Bm1 |
| -2.422 | 1559190\_s\_at | RDH13 | retinol dehydrogenase 13 | Cytoplasm | enzyme | Bm1 |
| 1.191 | 229536\_at | REC8 | REC8 meiotic recombination protein | Nucleus | other | Bm1 |
| -2.016 | 203224\_at | RFK | riboflavin kinase | Cytoplasm | kinase | Bm1 |
| 2.519 | 218723\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | Bm1 |
| 1.969 | 228193\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | Bm1 |
| 2.002 | 239827\_at | RGCC | regulator of cell cycle | Cytoplasm | other | Bm1 |
| -2.067 | 242450\_at | RGMB | repulsive guidance molecule BMP co-receptor b | Plasma Membrane | other | Bm1 |
| -2.056 | 235597\_s\_at | RGPD4 (includes others) | RANBP2-like and GRIP domain containing 5 | Nucleus | enzyme | Bm1 |
| 1.537 | 1568752\_s\_at | RGS13 | regulator of G protein signaling 13 | Nucleus | other | Bm1 |
| -1.229 | 216970\_at | RGS7 | regulator of G protein signaling 7 | Cytoplasm | enzyme | Bm1 |
| -2.579 | 202975\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | Bm1 |
| -2.458 | 202976\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | Bm1 |
| -3.19 | 216048\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | Bm1 |
| -3.429 | 225202\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | Bm1 |
| 2.167 | 209684\_at | RIN2 | Ras and Rab interactor 2 | Cytoplasm | other | Bm1 |
| -2.048 | 213189\_at | RIOX2 | ribosomal oxygenase 2 | Nucleus | enzyme | Bm1 |
| -2.08 | 201823\_s\_at | RNF14 | ring finger protein 14 | Cytoplasm | transcription regulator | Bm1 |
| 1.372 | 204040\_at | RNF144A | ring finger protein 144A | Nucleus | enzyme | Bm1 |
| 1.411 | 233880\_at | RNF213 | ring finger protein 213 | Cytoplasm | enzyme | Bm1 |
| -2.065 | 223824\_at | RNLS | renalase, FAD dependent amine oxidase | Extracellular Space | enzyme | Bm1 |
| -2.244 | 1568782\_at | RP2 | RP2, ARL3 GTPase activating protein | Cytoplasm | enzyme | Bm1 |
| -2.212 | 240806\_at | RPL15 | ribosomal protein L15 | Cytoplasm | other | Bm1 |
| -3.87 | 223707\_at | RPL27A | ribosomal protein L27a | Cytoplasm | other | Bm1 |
| -2.513 | 215249\_at | RPL35A | ribosomal protein L35a | Cytoplasm | other | Bm1 |
| 2.719 | 211690\_at | RPS6 | ribosomal protein S6 | Cytoplasm | other | Bm1 |
| 3.493 | 213797\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | Bm1 |
| 1.865 | 242625\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | Bm1 |
| -1.017 | 1556472\_s\_at | SCML4 | Scm polycomb group protein like 4 | Nucleus | other | Bm1 |
| -2.012 | 236520\_at | SDCBP2-AS1 | SDCBP2 antisense RNA 1 | Other | other | Bm1 |
| -2.853 | 238465\_at | SETD9 | SET domain containing 9 | Nucleus | enzyme | Bm1 |
| 1.293 | 227210\_at | SFMBT2 | Scm like with four mbt domains 2 | Nucleus | other | Bm1 |
| 2.468 | 33323\_r\_at | SFN | stratifin | Cytoplasm | other | Bm1 |
| -2.029 | 205120\_s\_at | SGCB | sarcoglycan beta | Plasma Membrane | other | Bm1 |
| -3.233 | 235425\_at | SGO2 | shugoshin 2 | Nucleus | other | Bm1 |
| -2.356 | 221268\_s\_at | SGPP1 | sphingosine-1-phosphate phosphatase 1 | Cytoplasm | phosphatase | Bm1 |
| -2.142 | 224817\_at | SH3PXD2A | SH3 and PX domains 2A | Cytoplasm | other | Bm1 |
| 1.257 | 219519\_s\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | Bm1 |
| 1.388 | 44673\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | Bm1 |
| -1.531 | 219159\_s\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | Bm1 |
| 1.371 | 222838\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | Bm1 |
| 1.401 | 210423\_s\_at | SLC11A1 | solute carrier family 11 member 1 | Plasma Membrane | transporter | Bm1 |
| 1.722 | 219874\_at | SLC12A8 | solute carrier family 12 member 8 | Other | transporter | Bm1 |
| -2.575 | 202236\_s\_at | SLC16A1 | solute carrier family 16 member 1 | Plasma Membrane | transporter | Bm1 |
| -1.028 | 1568813\_at | SLC16A1-AS1 | SLC16A1 antisense RNA 1 | Other | other | Bm1 |
| -2.091 | 238029\_s\_at | SLC16A14 | solute carrier family 16 member 14 | Other | other | Bm1 |
| -1.111 | 230003\_at | SLC16A7 | solute carrier family 16 member 7 | Plasma Membrane | transporter | Bm1 |
| -2.031 | 209003\_at | SLC25A11 | solute carrier family 25 member 11 | Cytoplasm | transporter | Bm1 |
| -1.549 | 243231\_at | SLC38A11 | solute carrier family 38 member 11 | Other | transporter | Bm1 |
| -2.385 | 212110\_at | SLC39A14 | solute carrier family 39 member 14 | Plasma Membrane | transporter | Bm1 |
| -2.698 | 1556551\_s\_at | SLC39A6 | solute carrier family 39 member 6 | Plasma Membrane | transporter | Bm1 |
| 2.005 | 220984\_s\_at | SLCO5A1 | solute carrier organic anion transporter family member 5A1 | Other | transporter | Bm1 |
| 1.36 | 230383\_x\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | Bm1 |
| 1.207 | 243999\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | Bm1 |
| -1.075 | 1553055\_a\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | Bm1 |
| -2.012 | 235451\_at | SMAD5 | SMAD family member 5 | Nucleus | transcription regulator | Bm1 |
| -2.627 | 239084\_at | SNAP29 | synaptosome associated protein 29 | Cytoplasm | transporter | Bm1 |
| -2.13 | 228049\_x\_at | SNHG19 | small nucleolar RNA host gene 19 | Other | other | Bm1 |
| -2.259 | 239823\_at | SNHG26 |  | Other | other | Bm1 |
| -2.019 | 1566403\_at | SNORA68 | small nucleolar RNA, H/ACA box 68 | Other | other | Bm1 |
| -3.459 | 1567679\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | Bm1 |
| -2.44 | 1567681\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | Bm1 |
| -2.721 | 1567682\_x\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | Bm1 |
| 1.349 | 208608\_s\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | Bm1 |
| 1.165 | 214708\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | Bm1 |
| -2.133 | 226685\_at | SNTB2 | syntrophin beta 2 | Plasma Membrane | other | Bm1 |
| 1.005 | 201417\_at | SOX4 | SRY-box 4 | Nucleus | transcription regulator | Bm1 |
| 1.217 | 207336\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | Bm1 |
| 1.16 | 238009\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | Bm1 |
| -1.036 | 238285\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | Bm1 |
| -3.44 | 228698\_at | SOX7 | SRY-box 7 | Nucleus | transcription regulator | Bm1 |
| -1.705 | 238459\_x\_at | SPATA6 | spermatogenesis associated 6 | Cytoplasm | other | Bm1 |
| -2.605 | 219583\_s\_at | SPATA7 | spermatogenesis associated 7 | Cytoplasm | other | Bm1 |
| -2.148 | 202104\_s\_at | SPG7 | SPG7, paraplegin matrix AAA peptidase subunit | Cytoplasm | peptidase | Bm1 |
| -2.045 | 219205\_at | SRR | serine racemase | Cytoplasm | enzyme | Bm1 |
| 1.373 | AFFX-HUMISGF3A/M97935\_MA\_at | STAT1 | signal transducer and activator of transcription 1 | Nucleus | transcription regulator | Bm1 |
| -2.039 | 212009\_s\_at | STIP1 | stress induced phosphoprotein 1 | Cytoplasm | other | Bm1 |
| -2.098 | 242989\_at | STRN | striatin | Cytoplasm | other | Bm1 |
| -1.6 | 214169\_at | SUN1 | Sad1 and UNC84 domain containing 1 | Nucleus | other | Bm1 |
| -1.105 | 203998\_s\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | Bm1 |
| -1.274 | 203999\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | Bm1 |
| 1.417 | 209198\_s\_at | SYT11 | synaptotagmin 11 | Cytoplasm | transporter | Bm1 |
| -2.107 | 229053\_at | SYT17 | synaptotagmin 17 | Plasma Membrane | other | Bm1 |
| -2.13 | 201463\_s\_at | TALDO1 | transaldolase 1 | Cytoplasm | enzyme | Bm1 |
| -1.906 | 244272\_s\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | Bm1 |
| -1.64 | 1553132\_a\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | Bm1 |
| 1.031 | 237749\_at | TCF4-AS1 | TCF4 antisense RNA 1 | Other | other | Bm1 |
| -2.612 | 222010\_at | TCP1 | t-complex 1 | Cytoplasm | other | Bm1 |
| -1.778 | 230380\_at | THAP2 | THAP domain containing 2 | Nucleus | transcription regulator | Bm1 |
| 1.282 | 235086\_at | THBS1 | thrombospondin 1 | Extracellular Space | other | Bm1 |
| 1.316 | 207571\_x\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | Bm1 |
| 1.289 | 210785\_s\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | Bm1 |
| -1.15 | 228716\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | Bm1 |
| -1.298 | 229657\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | Bm1 |
| -1.132 | 201147\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | Bm1 |
| -1.365 | 201150\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | Bm1 |
| -2.252 | 221096\_s\_at | TMCO6 | transmembrane and coiled-coil domains 6 | Other | other | Bm1 |
| -2.122 | 224495\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | Bm1 |
| -2.158 | 224496\_s\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | Bm1 |
| -2.89 | 235490\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | Bm1 |
| -2.039 | 235798\_at | TMEM170B | transmembrane protein 170B | Plasma Membrane | other | Bm1 |
| -1.862 | 219315\_s\_at | TMEM204 | transmembrane protein 204 | Plasma Membrane | other | Bm1 |
| -2.237 | 228372\_at | TMEM273 | transmembrane protein 273 | Other | other | Bm1 |
| -2.764 | 1561890\_at | TMEM273 | transmembrane protein 273 | Other | other | Bm1 |
| -1.713 | 237515\_at | TMEM56 | transmembrane protein 56 | Other | other | Bm1 |
| 1.016 | 238429\_at | TMEM71 | transmembrane protein 71 | Cytoplasm | other | Bm1 |
| -2.018 | 242316\_at | TMOD3 | tropomodulin 3 | Cytoplasm | other | Bm1 |
| -2.108 | 226604\_at | TMTC3 | transmembrane and tetratricopeptide repeat containing 3 | Cytoplasm | other | Bm1 |
| 1.076 | 214581\_x\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | Bm1 |
| 1.145 | 218856\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | Bm1 |
| -2.281 | 206907\_at | TNFSF9 | TNF superfamily member 9 | Plasma Membrane | cytokine | Bm1 |
| -2.446 | 225036\_at | TOMM5 | translocase of outer mitochondrial membrane 5 | Cytoplasm | other | Bm1 |
| 2.249 | 204529\_s\_at | TOX | thymocyte selection associated high mobility group box | Nucleus | transcription regulator | Bm1 |
| 1.438 | 228737\_at | TOX2 | TOX high mobility group box family member 2 | Nucleus | transcription regulator | Bm1 |
| -2.152 | 238494\_at | TRAF3IP1 | TRAF3 interacting protein 1 | Cytoplasm | other | Bm1 |
| 1.23 | 1559681\_a\_at | TRIM16L | tripartite motif containing 16 like | Other | other | Bm1 |
| -2.236 | 223384\_s\_at | TRIM4 | tripartite motif containing 4 | Cytoplasm | other | Bm1 |
| -2.237 | 227801\_at | TRIM59 | tripartite motif containing 59 | Cytoplasm | enzyme | Bm1 |
| -2.202 | 219581\_at | TSEN2 | tRNA splicing endonuclease subunit 2 | Cytoplasm | enzyme | Bm1 |
| -2.047 | 220623\_s\_at | TSGA10 | testis specific 10 | Cytoplasm | other | Bm1 |
| -1.196 | 1555932\_at | TSGA10 | testis specific 10 | Cytoplasm | other | Bm1 |
| -2.311 | 239042\_at | TSR1 | TSR1, ribosome maturation factor | Nucleus | other | Bm1 |
| 1.084 | 244839\_at | TTN | titin | Cytoplasm | kinase | Bm1 |
| 1.333 | 230690\_at | TUBB1 | tubulin beta 1 class VI | Cytoplasm | other | Bm1 |
| 1.098 | 209191\_at | TUBB6 | tubulin beta 6 class V | Cytoplasm | other | Bm1 |
| -2.215 | 228397\_at | TUG1 | taurine up-regulated 1 | Other | other | Bm1 |
| 1.362 | 217497\_at | TYMP | thymidine phosphorylase | Extracellular Space | growth factor | Bm1 |
| -2.298 | 239792\_at | UBL7-AS1 | UBL7 antisense RNA 1 (head to head) | Other | other | Bm1 |
| -1.241 | 228956\_at | UGT8 | UDP glycosyltransferase 8 | Cytoplasm | enzyme | Bm1 |
| -1.194 | 230655\_at | ULBP3 | UL16 binding protein 3 | Plasma Membrane | transmembrane receptor | Bm1 |
| 2.187 | 219211\_at | USP18 | ubiquitin specific peptidase 18 | Cytoplasm | peptidase | Bm1 |
| -2.016 | 226669\_at | USP42 | ubiquitin specific peptidase 42 | Nucleus | peptidase | Bm1 |
| -1.821 | 231817\_at | USP53 | ubiquitin specific peptidase 53 | Extracellular Space | enzyme | Bm1 |
| -2.007 | 211760\_s\_at | VAMP4 | vesicle associated membrane protein 4 | Cytoplasm | other | Bm1 |
| -2.064 | 202829\_s\_at | VAMP7 | vesicle associated membrane protein 7 | Cytoplasm | transporter | Bm1 |
| -2.531 | 208844\_at | VDAC3 | voltage dependent anion channel 3 | Cytoplasm | ion channel | Bm1 |
| -2.723 | 224881\_at | VKORC1L1 | vitamin K epoxide reductase complex subunit 1 like 1 | Cytoplasm | enzyme | Bm1 |
| -2.057 | 210102\_at | VWA5A | von Willebrand factor A domain containing 5A | Nucleus | other | Bm1 |
| -2.77 | 1552430\_at | WDR17 | WD repeat domain 17 | Other | other | Bm1 |
| 1.282 | 239680\_at | WDR76 | WD repeat domain 76 | Nucleus | other | Bm1 |
| -2.373 | 213908\_at | WHAMMP3 | WAS protein homolog associated with actin, golgi membranes and microtubules pseudogene 3 | Other | other | Bm1 |
| -3.873 | 229103\_at | WNT3 | Wnt family member 3 | Extracellular Space | other | Bm1 |
| 1.683 | 206133\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | Bm1 |
| 2.166 | 228617\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | Bm1 |
| 2.369 | 242234\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | Bm1 |
| -2.219 | 227421\_at | YBEY | ybeY metalloendoribonuclease | Cytoplasm | other | Bm1 |
| -2.039 | 236559\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | Bm1 |
| -2.123 | 242325\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | Bm1 |
| 2.015 | 219836\_at | ZBED2 | zinc finger BED-type containing 2 | Other | other | Bm1 |
| -2.176 | 1560197\_at | ZC2HC1A | zinc finger C2HC-type containing 1A | Other | other | Bm1 |
| -2.002 | 232911\_at | ZFP14 | ZFP14 zinc finger protein | Nucleus | transcription regulator | Bm1 |
| -2.231 | 1562303\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | Bm1 |
| -2.018 | 1562305\_x\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | Bm1 |
| -1.236 | 1554158\_at | ZMYND11 | zinc finger MYND-type containing 11 | Nucleus | transcription regulator | Bm1 |
| -2.029 | 207417\_s\_at | ZNF177 | zinc finger protein 177 | Nucleus | transcription regulator | Bm1 |
| -1.435 | 208542\_x\_at | ZNF208 | zinc finger protein 208 | Nucleus | transcription regulator | Bm1 |
| -2.388 | 229360\_at | ZNF280B | zinc finger protein 280B | Nucleus | transcription regulator | Bm1 |
| -2.377 | 1568951\_at | ZNF280D | zinc finger protein 280D | Other | other | Bm1 |
| -2.041 | 1553612\_at | ZNF354B | zinc finger protein 354B | Other | other | Bm1 |
| -2.071 | 234844\_at | ZNF407 | zinc finger protein 407 | Nucleus | transcription regulator | Bm1 |
| -2.237 | 205928\_at | ZNF443 | zinc finger protein 443 | Nucleus | transcription regulator | Bm1 |
| -2.027 | 213124\_at | ZNF473 | zinc finger protein 473 | Nucleus | other | Bm1 |
| 1.121 | 232228\_at | ZNF530 | zinc finger protein 530 | Other | other | Bm1 |
| -1.754 | 1553286\_at | ZNF555 | zinc finger protein 555 | Other | other | Bm1 |
| 2.854 | 227952\_at | ZNF595 | zinc finger protein 595 | Nucleus | transcription regulator | Bm1 |
| -2.342 | 232272\_at | ZNF624 | zinc finger protein 624 | Nucleus | transcription regulator | Bm1 |
| -1.464 | 1552785\_at | ZNF781 | zinc finger protein 781 | Other | other | Bm1 |
| -3.356 | 215767\_at | ZNF804A | zinc finger protein 804A | Plasma Membrane | other | Bm1 |
| -2.032 | 243618\_s\_at | ZNF827 | zinc finger protein 827 | Other | other | Bm1 |
| -2.086 | 1569157\_s\_at | ZNF846 | zinc finger protein 846 | Other | other | Bm1 |
| -2.612 | 232315\_at | ZNF880 | zinc finger protein 880 | Other | other | Bm1 |
| -2.108 | 239538\_at | ZRANB3 | zinc finger RANBP2-type containing 3 | Nucleus | enzyme | Bm1 |
| 1.053 | 209600\_s\_at | ACOX1 | acyl-CoA oxidase 1 | Cytoplasm | enzyme | naïve |
| -1.202 | 204241\_at | ACOX3 | acyl-CoA oxidase 3, pristanoyl | Cytoplasm | enzyme | naïve |
| 2.726 | 213808\_at | ADAM23 | ADAM metallopeptidase domain 23 | Plasma Membrane | peptidase | naïve |
| 1.043 | 237213\_at | ADNP-AS1 | ADNP antisense RNA 1 | Other | other | naïve |
| -1.442 | 206170\_at | ADRB2 | adrenoceptor beta 2 | Plasma Membrane | G-protein coupled receptor | naïve |
| -1.771 | 238871\_at | AFDN | afadin, adherens junction formation factor | Nucleus | other | naïve |
| -1.052 | 206513\_at | AIM2 | absent in melanoma 2 | Cytoplasm | other | naïve |
| 1.07 | 205633\_s\_at | ALAS1 | 5'-aminolevulinate synthase 1 | Cytoplasm | enzyme | naïve |
| -1.225 | 202054\_s\_at | ALDH3A2 | aldehyde dehydrogenase 3 family member A2 | Cytoplasm | enzyme | naïve |
| 1.004 | 214221\_at | ALMS1 | ALMS1, centrosome and basal body associated protein | Cytoplasm | other | naïve |
| 1.739 | 1555731\_a\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | naïve |
| 1.002 | 1555733\_s\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | naïve |
| -1.004 | 210873\_x\_at | APOBEC3A | apolipoprotein B mRNA editing enzyme catalytic subunit 3A | Cytoplasm | enzyme | naïve |
| -1.387 | 238126\_at | APTR | Alu-mediated CDKN1A/p21 transcriptional regulator | Other | other | naïve |
| -1.059 | 229648\_at | ARHGAP32 | Rho GTPase activating protein 32 | Cytoplasm | other | naïve |
| -2.46 | 233621\_s\_at | ARHGEF12 | Rho guanine nucleotide exchange factor 12 | Cytoplasm | other | naïve |
| 1.802 | 241631\_at | ARHGEF40 | Rho guanine nucleotide exchange factor 40 | Other | other | naïve |
| 2.086 | 1562270\_at | ARHGEF7 | Rho guanine nucleotide exchange factor 7 | Cytoplasm | other | naïve |
| -1.146 | 229028\_s\_at | ARL17A/ARL17B | ADP ribosylation factor like GTPase 17A | Other | other | naïve |
| -1.5 | 223735\_at | ARL6 | ADP ribosylation factor like GTPase 6 | Cytoplasm | transporter | naïve |
| -2.033 | 228027\_at | ARMCX5-GPRASP2/GPRASP2 | G protein-coupled receptor associated sorting protein 2 | Plasma Membrane | other | naïve |
| 1.136 | 225283\_at | ARRDC4 | arrestin domain containing 4 | Plasma Membrane | other | naïve |
| -1.048 | 226941\_at | ATF6 | activating transcription factor 6 | Cytoplasm | transcription regulator | naïve |
| -1.484 | 227083\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | naïve |
| -2.064 | 227100\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | naïve |
| -2.15 | 222446\_s\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | naïve |
| -1.713 | 227051\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | naïve |
| -1.071 | 227372\_s\_at | BAIAP2L1 | BAI1 associated protein 2 like 1 | Cytoplasm | other | naïve |
| 1.12 | 1555555\_at | BBS9 | Bardet-Biedl syndrome 9 | Extracellular Space | other | naïve |
| -1.127 | 1560977\_a\_at | BCL2L13 | BCL2 like 13 | Cytoplasm | other | naïve |
| -2.466 | 229963\_at | BEX5 | brain expressed X-linked 5 | Cytoplasm | other | naïve |
| -1.04 | 209203\_s\_at | BICD2 | BICD cargo adaptor 2 | Cytoplasm | other | naïve |
| 1.241 | 204493\_at | BID | BH3 interacting domain death agonist | Cytoplasm | other | naïve |
| -1.396 | 229589\_x\_at | BIVM | basic, immunoglobulin-like variable motif containing | Extracellular Space | other | naïve |
| -1.07 | 226543\_at | BLOC1S5 | biogenesis of lysosomal organelles complex 1 subunit 5 | Extracellular Space | other | naïve |
| -1.211 | 213578\_at | BMPR1A | bone morphogenetic protein receptor type 1A | Plasma Membrane | kinase | naïve |
| -1.316 | 231873\_at | BMPR2 | bone morphogenetic protein receptor type 2 | Plasma Membrane | kinase | naïve |
| -1.113 | 232103\_at | BPNT1 | 3'(2'), 5'-bisphosphate nucleotidase 1 | Nucleus | phosphatase | naïve |
| 1.084 | 214727\_at | BRCA2 | BRCA2, DNA repair associated | Nucleus | transcription regulator | naïve |
| -3.487 | 228434\_at | BTNL9 | butyrophilin like 9 | Plasma Membrane | other | naïve |
| -1.176 | 222785\_x\_at | C11orf1 | chromosome 11 open reading frame 1 | Nucleus | other | naïve |
| -2.337 | 218546\_at | C1orf115 | chromosome 1 open reading frame 115 | Other | other | naïve |
| -1.461 | 218983\_at | C1RL | complement C1r subcomponent like | Extracellular Space | peptidase | naïve |
| -1.182 | 1568658\_at | C2orf74 | chromosome 2 open reading frame 74 | Other | other | naïve |
| 1.087 | 232270\_at | C9orf3 | chromosome 9 open reading frame 3 | Cytoplasm | peptidase | naïve |
| -1.162 | 1559419\_at | CACNB2 | calcium voltage-gated channel auxiliary subunit beta 2 | Plasma Membrane | ion channel | naïve |
| -1.039 | 218309\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | naïve |
| -1.662 | 229163\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | naïve |
| 1.153 | 1552701\_a\_at | CARD16 | caspase recruitment domain family member 16 | Other | other | naïve |
| -1.335 | 1570197\_at | CCDC194 |  | Other | other | naïve |
| 1.155 | 204103\_at | CCL4 | C-C motif chemokine ligand 4 | Extracellular Space | cytokine | naïve |
| -1.481 | 1569353\_at | CCP110 | centriolar coiled-coil protein 110 | Cytoplasm | other | naïve |
| -1.084 | 201326\_at | CCT6A | chaperonin containing TCP1 subunit 6A | Cytoplasm | other | naïve |
| -1.257 | 205987\_at | CD1C | CD1c molecule | Plasma Membrane | other | naïve |
| 1.011 | 206150\_at | CD27 | CD27 molecule | Plasma Membrane | transmembrane receptor | naïve |
| -1.485 | 209933\_s\_at | CD300A | CD300a molecule | Plasma Membrane | transmembrane receptor | naïve |
| -1.242 | 200663\_at | CD63 | CD63 molecule | Plasma Membrane | other | naïve |
| 1.194 | 1555689\_at | CD80 | CD80 molecule | Plasma Membrane | transmembrane receptor | naïve |
| 2.804 | 206761\_at | CD96 | CD96 molecule | Plasma Membrane | other | naïve |
| 3.647 | 1555120\_at | CD96 | CD96 molecule | Plasma Membrane | other | naïve |
| -1.134 | 239247\_at | CD99P1 | CD99 molecule pseudogene 1 | Plasma Membrane | other | naïve |
| -1.141 | 1554489\_a\_at | CEP70 | centrosomal protein 70 | Cytoplasm | other | naïve |
| -1.049 | 1559051\_s\_at | CGAS | cyclic GMP-AMP synthase | Cytoplasm | enzyme | naïve |
| -2.285 | 238075\_at | CHEK1 | checkpoint kinase 1 | Nucleus | kinase | naïve |
| -4.535 | 204591\_at | CHL1 | cell adhesion molecule L1 like | Plasma Membrane | other | naïve |
| 1.028 | 208424\_s\_at | CIAPIN1 | cytokine induced apoptosis inhibitor 1 | Cytoplasm | other | naïve |
| -1.414 | 226686\_at | CISD2 | CDGSH iron sulfur domain 2 | Cytoplasm | other | naïve |
| -1.35 | 200998\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | naïve |
| -1.652 | 200999\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | naïve |
| 2.83 | 1555687\_a\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | naïve |
| 2.068 | 1552552\_s\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | naïve |
| 5.251 | 226702\_at | CMPK2 | cytidine/uridine monophosphate kinase 2 | Cytoplasm | kinase | naïve |
| -2.043 | 201445\_at | CNN3 | calponin 3 | Cytoplasm | other | naïve |
| -1.886 | 228297\_at | CNN3 | calponin 3 | Cytoplasm | other | naïve |
| -1.318 | 209796\_s\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | naïve |
| -1.285 | 209797\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | naïve |
| -1.55 | 214641\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | naïve |
| -1.267 | 216893\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | naïve |
| -1.317 | 216898\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | naïve |
| -2.263 | 222073\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | naïve |
| -1.287 | 203551\_s\_at | COX11 | cytochrome c oxidase copper chaperone COX11 | Cytoplasm | enzyme | naïve |
| -1.402 | 228728\_at | CPED1 | cadherin like and PC-esterase domain containing 1 | Cytoplasm | other | naïve |
| 1.315 | 235019\_at | CPM | carboxypeptidase M | Plasma Membrane | peptidase | naïve |
| 1.708 | 229228\_at | CREB5 | cAMP responsive element binding protein 5 | Nucleus | transcription regulator | naïve |
| -2.046 | 201200\_at | CREG1 | cellular repressor of E1A stimulated genes 1 | Nucleus | transcription regulator | naïve |
| 2.421 | 209967\_s\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | naïve |
| 2.033 | 214508\_x\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | naïve |
| 1.034 | 206777\_s\_at | CRYBB2 | crystallin beta B2 | Other | other | naïve |
| 1.025 | 221260\_s\_at | CSRNP2 | cysteine and serine rich nuclear protein 2 | Nucleus | transcription regulator | naïve |
| 2.182 | 210140\_at | CST7 | cystatin F | Extracellular Space | other | naïve |
| 1.433 | 209975\_at | CYP2E1 | cytochrome P450 family 2 subfamily E member 1 | Cytoplasm | enzyme | naïve |
| 1.002 | 214235\_at | CYP3A5 | cytochrome P450 family 3 subfamily A member 5 | Cytoplasm | enzyme | naïve |
| 2.107 | 225799\_at | CYTOR | cytoskeleton regulator RNA | Other | other | naïve |
| -1.654 | 239376\_at | DCLRE1C | DNA cross-link repair 1C | Nucleus | enzyme | naïve |
| 1.09 | 235436\_at | DDX31 | DEAD-box helicase 31 | Nucleus | enzyme | naïve |
| 1.551 | 218986\_s\_at | DDX60 | DExD/H-box helicase 60 | Cytoplasm | enzyme | naïve |
| 1.04 | 228032\_s\_at | DENND1B | DENN domain containing 1B | Other | other | naïve |
| -1.025 | 244784\_at | DHX57 | DExH-box helicase 57 | Extracellular Space | other | naïve |
| -1.012 | 210801\_at | DIMT1 | DIM1 dimethyladenosine transferase 1 homolog | Cytoplasm | enzyme | naïve |
| -1.478 | 213149\_at | DLAT | dihydrolipoamide S-acetyltransferase | Cytoplasm | enzyme | naïve |
| -1.065 | 1553998\_at | DMRTC1/DMRTC1B | DMRT like family C1 | Other | other | naïve |
| -1.379 | 229588\_at | DNAJC10 | DnaJ heat shock protein family (Hsp40) member C10 | Cytoplasm | enzyme | naïve |
| 2.034 | 209839\_at | DNM3 | dynamin 3 | Cytoplasm | enzyme | naïve |
| -1.186 | 225200\_at | DPH3 | diphthamide biosynthesis 3 | Cytoplasm | other | naïve |
| 2.318 | 200606\_at | DSP | desmoplakin | Plasma Membrane | other | naïve |
| -1.707 | 201022\_s\_at | DSTN | destrin, actin depolymerizing factor | Cytoplasm | other | naïve |
| 1.512 | 235606\_at | DUBR | DPPA2 upstream binding RNA | Other | other | naïve |
| 1.655 | 226034\_at | DUSP4 | dual specificity phosphatase 4 | Nucleus | phosphatase | naïve |
| -1.382 | 1554772\_at | EFCAB13 | EF-hand calcium binding domain 13 | Nucleus | other | naïve |
| -1.211 | 221497\_x\_at | EGLN1 | egl-9 family hypoxia inducible factor 1 | Cytoplasm | enzyme | naïve |
| 1.1 | 205249\_at | EGR2 | early growth response 2 | Nucleus | transcription regulator | naïve |
| 1.603 | 242898\_at | EIF2AK2 | eukaryotic translation initiation factor 2 alpha kinase 2 | Cytoplasm | kinase | naïve |
| 1.119 | 206919\_at | ELK4 | ELK4, ETS transcription factor | Nucleus | transcription regulator | naïve |
| -2.026 | 242443\_at | EML5 | echinoderm microtubule associated protein like 5 | Cytoplasm | other | naïve |
| -1.403 | 223893\_at | ENAM | enamelin | Extracellular Space | other | naïve |
| 1.101 | 201340\_s\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | naïve |
| 1.912 | 201341\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | naïve |
| 2.019 | 204143\_s\_at | ENOSF1 | enolase superfamily member 1 | Other | enzyme | naïve |
| 1.437 | 220120\_s\_at | EPB41L4A | erythrocyte membrane protein band 4.1 like 4A | Extracellular Space | other | naïve |
| -1.729 | 1562249\_at | EPHA1-AS1 | EPHA1 antisense RNA 1 | Other | other | naïve |
| 2.013 | 227609\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | naïve |
| 2.058 | 235276\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | naïve |
| -1.352 | 224576\_at | ERGIC1 | endoplasmic reticulum-golgi intermediate compartment 1 | Cytoplasm | other | naïve |
| -1.307 | 213365\_at | ERI2 | ERI1 exoribonuclease family member 2 | Other | other | naïve |
| -1.481 | 244452\_at | ERLEC1 | endoplasmic reticulum lectin 1 | Cytoplasm | other | naïve |
| 2.584 | 219629\_at | FAM118A | family with sequence similarity 118 member A | Other | other | naïve |
| 2.221 | 217966\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | naïve |
| 2.753 | 217967\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | naïve |
| 1.073 | 214889\_at | FAM149A | family with sequence similarity 149 member A | Other | other | naïve |
| -1.34 | 224435\_at | FAM213A | family with sequence similarity 213 member A | Extracellular Space | other | naïve |
| -1.337 | 1557217\_a\_at | FANCB | FA complementation group B | Nucleus | other | naïve |
| 1.103 | 1568891\_x\_at | FANCD2 | FA complementation group D2 | Nucleus | other | naïve |
| 2.063 | 204781\_s\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | naïve |
| 2.36 | 215719\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | naïve |
| 2.375 | 216252\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | naïve |
| -2.131 | 1559214\_at | FBXO22 | F-box protein 22 | Cytoplasm | enzyme | naïve |
| -1.122 | 1559094\_at | FBXO9 | F-box protein 9 | Cytoplasm | enzyme | naïve |
| 2.751 | 203561\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | naïve |
| 1.431 | 1565673\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | naïve |
| 2.452 | 227948\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | naïve |
| 2.481 | 230559\_x\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | naïve |
| 3.017 | 242445\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | naïve |
| 1.139 | 1555136\_at | FGD6 | FYVE, RhoGEF and PH domain containing 6 | Cytoplasm | other | naïve |
| -1.018 | 204834\_at | FGL2 | fibrinogen like 2 | Extracellular Space | peptidase | naïve |
| -1.703 | 226805\_at | FITM2 | fat storage inducing transmembrane protein 2 | Cytoplasm | other | naïve |
| -1.644 | 76897\_s\_at | FKBP15 | FK506 binding protein 15 | Plasma Membrane | enzyme | naïve |
| 3.152 | 228188\_at | FOSL2 | FOS like 2, AP-1 transcription factor subunit | Nucleus | transcription regulator | naïve |
| 1.176 | 223936\_s\_at | FOXP1 | forkhead box P1 | Nucleus | transcription regulator | naïve |
| -1.731 | 242135\_at | FRG1GP | FSHD region gene 1 family member G, pseudogene | Other | other | naïve |
| -1.711 | 232182\_at | FRG1HP | FSHD region gene 1 family member H, pseudogene | Other | other | naïve |
| 1.206 | 209892\_at | FUT4 | fucosyltransferase 4 | Cytoplasm | enzyme | naïve |
| 2.308 | 211458\_s\_at | GABARAPL3 | GABA type A receptor associated protein like 3 pseudogene | Other | other | naïve |
| 1.095 | 204417\_at | GALC | galactosylceramidase | Cytoplasm | enzyme | naïve |
| -1.495 | 218885\_s\_at | GALNT12 | polypeptide N-acetylgalactosaminyltransferase 12 | Cytoplasm | enzyme | naïve |
| 1.284 | 232110\_at | GALNT5 | polypeptide N-acetylgalactosaminyltransferase 5 | Cytoplasm | enzyme | naïve |
| 2.521 | 202191\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | naïve |
| 2.202 | 202192\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | naïve |
| 2.193 | 210872\_x\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | naïve |
| 2.064 | 211067\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | naïve |
| -1.335 | 214711\_at | GATC | glutamyl-tRNA amidotransferase subunit C | Nucleus | enzyme | naïve |
| -2.281 | 203178\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | naïve |
| -1.641 | 216733\_s\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | naïve |
| -1.368 | 210175\_at | GCFC2 | GC-rich sequence DNA-binding factor 2 | Nucleus | transcription regulator | naïve |
| -1.315 | 230788\_at | GCNT2 | glucosaminyl (N-acetyl) transferase 2 (I blood group) | Cytoplasm | enzyme | naïve |
| -1.509 | 213133\_s\_at | GCSH | glycine cleavage system protein H | Cytoplasm | enzyme | naïve |
| 1.169 | 228376\_at | GGTA1P | glycoprotein, alpha-galactosyltransferase 1 pseudogene | Cytoplasm | other | naïve |
| -1.065 | 232024\_at | GIMAP2 | GTPase, IMAP family member 2 | Cytoplasm | other | naïve |
| -1.014 | 221932\_s\_at | GLRX5 | glutaredoxin 5 | Cytoplasm | other | naïve |
| 1.619 | 202615\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | naïve |
| 2.129 | 224862\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | naïve |
| -1.851 | 204115\_at | GNG11 | G protein subunit gamma 11 | Plasma Membrane | other | naïve |
| 1.334 | 211522\_s\_at | GNRHR | gonadotropin releasing hormone receptor | Plasma Membrane | G-protein coupled receptor | naïve |
| -1.216 | 208843\_s\_at | GORASP2 | golgi reassembly stacking protein 2 | Cytoplasm | other | naïve |
| -1.249 | 225420\_at | GPAM | glycerol-3-phosphate acyltransferase, mitochondrial | Cytoplasm | enzyme | naïve |
| 1.192 | 223319\_at | GPHN | gephyrin | Plasma Membrane | enzyme | naïve |
| 1.26 | 204137\_at | GPR137B | G protein-coupled receptor 137B | Plasma Membrane | other | naïve |
| 2.014 | 228770\_at | GPR146 | G protein-coupled receptor 146 | Plasma Membrane | G-protein coupled receptor | naïve |
| 1.027 | 1566257\_at | GPR180 | G protein-coupled receptor 180 | Cytoplasm | other | naïve |
| -1.134 | 244434\_at | GPR82 | G protein-coupled receptor 82 | Plasma Membrane | G-protein coupled receptor | naïve |
| 1.211 | 226043\_at | GPSM1 | G protein signaling modulator 1 | Cytoplasm | other | naïve |
| -1.069 | 1559688\_at | GRAPL | GRB2 related adaptor protein like | Other | other | naïve |
| 2.039 | 1559923\_at | GRIK1 | glutamate ionotropic receptor kainate type subunit 1 | Plasma Membrane | ion channel | naïve |
| 2.55 | 204550\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | naïve |
| 2.167 | 215333\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | naïve |
| 1.98 | 204418\_x\_at | GSTM2 | glutathione S-transferase mu 2 | Cytoplasm | enzyme | naïve |
| 2.143 | 204149\_s\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | naïve |
| 1.37 | 210912\_x\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | naïve |
| -1.169 | 230376\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | naïve |
| -1.229 | 243985\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | naïve |
| -1.074 | 202451\_at | GTF2H1 | general transcription factor IIH subunit 1 | Nucleus | transcription regulator | naïve |
| 2.651 | 232821\_at | GTSF1L | gametocyte specific factor 1 like | Other | other | naïve |
| -1.076 | 202605\_at | GUSB | glucuronidase beta | Cytoplasm | enzyme | naïve |
| -1.2 | 233655\_s\_at | HAUS6 | HAUS augmin like complex subunit 6 | Cytoplasm | other | naïve |
| 1.201 | 204018\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | naïve |
| 1.383 | 217414\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | naïve |
| 1.129 | 209116\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | naïve |
| 1.162 | 211696\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | naïve |
| 1.031 | 217232\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | naïve |
| 1.062 | 204848\_x\_at | HBG1 | hemoglobin subunit gamma 1 | Cytoplasm | other | naïve |
| 1.037 | 204419\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | naïve |
| 1.243 | 213515\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | naïve |
| -1.543 | 206685\_at | HCG4 | HLA complex group 4 | Other | other | naïve |
| 2.51 | 208018\_s\_at | HCK | HCK proto-oncogene, Src family tyrosine kinase | Cytoplasm | kinase | naïve |
| -1.198 | 203259\_s\_at | HDDC2 | HD domain containing 2 | Cytoplasm | other | naïve |
| 1.198 | 209524\_at | HDGFL3 | HDGF like 3 | Nucleus | other | naïve |
| -1.087 | 1558103\_a\_at | HDGFL3 | HDGF like 3 | Nucleus | other | naïve |
| -1.11 | 223155\_at | HDHD2 | haloacid dehalogenase like hydrolase domain containing 2 | Cytoplasm | other | naïve |
| 2.045 | 219863\_at | HERC5 | HECT and RLD domain containing E3 ubiquitin protein ligase 5 | Cytoplasm | enzyme | naïve |
| 2.626 | 219352\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | naïve |
| 2.148 | 1563659\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | naïve |
| 1.199 | 225115\_at | HIPK2 | homeodomain interacting protein kinase 2 | Nucleus | kinase | naïve |
| -1.755 | 214469\_at | HIST1H2AE | histone cluster 1 H2A family member e | Nucleus | other | naïve |
| -2.252 | 214554\_at | HIST1H2AL | histone cluster 1 H2A family member l | Nucleus | other | naïve |
| -1.07 | 239975\_at | HLA-DPB2 | major histocompatibility complex, class II, DP beta 2 (pseudogene) | Other | other | naïve |
| -1.763 | 203290\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | naïve |
| 27.886 | 213831\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | naïve |
| 17.44 | 236203\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | naïve |
| 13.556 | 209480\_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | Plasma Membrane | other | naïve |
| -22.099 | 209728\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | naïve |
| -5.243 | 215666\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | naïve |
| -5.052 | 215669\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | naïve |
| -1.366 | 1556097\_at | HOMER2 | homer scaffold protein 2 | Plasma Membrane | other | naïve |
| 2.496 | 206864\_s\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | naïve |
| 2.412 | 206865\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | naïve |
| 2.181 | 229552\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | naïve |
| 2.546 | 237187\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | naïve |
| 3.093 | 1566734\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | naïve |
| 1.455 | 227361\_at | HS3ST3B1 | heparan sulfate-glucosamine 3-sulfotransferase 3B1 | Cytoplasm | enzyme | naïve |
| -1.847 | 200799\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | naïve |
| 1.013 | 202581\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | naïve |
| 2.255 | 117\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | naïve |
| 2.81 | 213418\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | naïve |
| -1.364 | 210338\_s\_at | HSPA8 | heat shock protein family A (Hsp70) member 8 | Cytoplasm | enzyme | naïve |
| -1.823 | 236115\_at | HTR7P1 | 5-hydroxytryptamine receptor 7 pseudogene 1 | Other | other | naïve |
| 1.337 | 202411\_at | IFI27 | interferon alpha inducible protein 27 | Cytoplasm | other | naïve |
| 5.336 | 214059\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | naïve |
| 4.717 | 214453\_s\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | naïve |
| 6.77 | 204439\_at | IFI44L | interferon induced protein 44 like | Nucleus | other | naïve |
| 2.378 | 204415\_at | IFI6 | interferon alpha inducible protein 6 | Cytoplasm | other | naïve |
| 3.318 | 203153\_at | IFIT1 | interferon induced protein with tetratricopeptide repeats 1 | Cytoplasm | other | naïve |
| 3.115 | 204747\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | naïve |
| 3.94 | 229450\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | naïve |
| 2.144 | 201601\_x\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | naïve |
| 2.138 | 214022\_s\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | naïve |
| -2.07 | 210354\_at | IFNG | interferon gamma | Extracellular Space | cytokine | naïve |
| -2.742 | 203627\_at | IGF1R | insulin like growth factor 1 receptor | Plasma Membrane | transmembrane receptor | naïve |
| -2.611 | 1558438\_a\_at | IGHE | immunoglobulin heavy constant epsilon | Extracellular Space | other | naïve |
| -1.095 | 206618\_at | IL18R1 | interleukin 18 receptor 1 | Plasma Membrane | transmembrane receptor | naïve |
| 1.157 | 206341\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | naïve |
| -1.109 | 211269\_s\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | naïve |
| -1.022 | 206693\_at | IL7 | interleukin 7 | Extracellular Space | cytokine | naïve |
| -2.221 | 213817\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | naïve |
| -1.979 | 1568830\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | naïve |
| 1.875 | 205483\_s\_at | ISG15 | ISG15 ubiquitin-like modifier | Extracellular Space | other | naïve |
| -1.744 | 201656\_at | ITGA6 | integrin subunit alpha 6 | Plasma Membrane | transmembrane receptor | naïve |
| -2.26 | 202351\_at | ITGAV | integrin subunit alpha V | Plasma Membrane | transmembrane receptor | naïve |
| 2.675 | 210184\_at | ITGAX | integrin subunit alpha X | Plasma Membrane | transmembrane receptor | naïve |
| -2.055 | 202746\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | naïve |
| -1.481 | 202747\_s\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | naïve |
| -1.064 | 1562110\_at | IWS1 | IWS1, SUPT6H interacting protein | Nucleus | enzyme | naïve |
| -1.563 | 229127\_at | JAM2 | junctional adhesion molecule 2 | Plasma Membrane | other | naïve |
| -2.037 | 212592\_at | JCHAIN | joining chain of multimeric IgA and IgM | Extracellular Space | other | naïve |
| -2.074 | 220141\_at | JHY | junctional cadherin complex regulator | Other | other | naïve |
| 1.403 | 218418\_s\_at | KANK2 | KN motif and ankyrin repeat domains 2 | Nucleus | transcription regulator | naïve |
| -1.303 | 232094\_at | KATNBL1 | katanin regulatory subunit B1 like 1 | Nucleus | other | naïve |
| -2.395 | 214595\_at | KCNG1 | potassium voltage-gated channel modifier subfamily G member 1 | Plasma Membrane | ion channel | naïve |
| -1.151 | 237249\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | naïve |
| -1.415 | 244727\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | naïve |
| -1.155 | 214185\_at | KHDRBS1 | KH RNA binding domain containing, signal transduction associated 1 | Nucleus | transcription regulator | naïve |
| -1.083 | 202393\_s\_at | KLF10 | Kruppel like factor 10 | Nucleus | transcription regulator | naïve |
| -2.176 | 1564272\_a\_at | KLHDC1 | kelch domain containing 1 | Cytoplasm | other | naïve |
| 1.07 | 1560396\_at | KLHL6 | kelch like family member 6 | Other | other | naïve |
| -1.148 | 223250\_at | KLHL7 | kelch like family member 7 | Nucleus | other | naïve |
| 2.635 | 205821\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | naïve |
| 3.505 | 1555691\_a\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | naïve |
| -1.364 | 200771\_at | LAMC1 | laminin subunit gamma 1 | Extracellular Space | other | naïve |
| -1.266 | 214039\_s\_at | LAPTM4B | lysosomal protein transmembrane 4 beta | Cytoplasm | other | naïve |
| -1.765 | 1563039\_at | LARGE-AS1 | LARGE antisense RNA 1 | Other | other | naïve |
| 1.019 | 221515\_s\_at | LCMT1 | leucine carboxyl methyltransferase 1 | Cytoplasm | enzyme | naïve |
| -1.049 | 205270\_s\_at | LCP2 | lymphocyte cytosolic protein 2 | Cytoplasm | other | naïve |
| -1.061 | 210712\_at | LDHAL6B | lactate dehydrogenase A like 6B | Cytoplasm | enzyme | naïve |
| 2.012 | 221558\_s\_at | LEF1 | lymphoid enhancer binding factor 1 | Nucleus | transcription regulator | naïve |
| 2.09 | 200923\_at | LGALS3BP | galectin 3 binding protein | Plasma Membrane | transmembrane receptor | naïve |
| -1.028 | 210313\_at | LILRA4 | leukocyte immunoglobulin like receptor A4 | Plasma Membrane | other | naïve |
| -2.143 | 217892\_s\_at | LIMA1 | LIM domain and actin binding 1 | Cytoplasm | other | naïve |
| -1.222 | 212687\_at | LIMS1 | LIM zinc finger domain containing 1 | Plasma Membrane | other | naïve |
| 11.318 | 231455\_at | LINC00487 | long intergenic non-protein coding RNA 487 | Other | other | naïve |
| -1.494 | 236854\_at | LINC00494 | long intergenic non-protein coding RNA 494 | Other | other | naïve |
| -1.271 | 1560762\_at | LINC00996 | long intergenic non-protein coding RNA 996 | Other | other | naïve |
| -1.265 | 235174\_s\_at | LINC01003 | long intergenic non-protein coding RNA 1003 | Other | other | naïve |
| 1.088 | 236564\_at | LINC01128 | long intergenic non-protein coding RNA 1128 | Other | other | naïve |
| -2.013 | 1562742\_at | LINC01362 | long intergenic non-protein coding RNA 1362 | Other | other | naïve |
| -1.447 | 239287\_at | LINC01857 | long intergenic non-protein coding RNA 1857 | Other | other | naïve |
| 3.246 | 238632\_at | LINC02562 |  | Other | other | naïve |
| -1.309 | 230865\_at | LIX1 | limb and CNS expressed 1 | Other | other | naïve |
| 1.097 | 229537\_at | LMO4 | LIM domain only 4 | Nucleus | transcription regulator | naïve |
| -1.366 | 225717\_at | LNPK | lunapark, ER junction formation factor | Cytoplasm | other | naïve |
| -2.104 | 1556301\_at | LOC100287015 | uncharacterized LOC100287015 | Other | other | naïve |
| 1.694 | 235171\_at | LOC100505501 | uncharacterized LOC100505501 | Other | other | naïve |
| -2.396 | 243742\_at | LOC100505797 | myosin heavy chain IB-like | Other | other | naïve |
| -1.525 | 1568648\_a\_at | LOC100505851 | uncharacterized LOC100505851 | Other | other | naïve |
| -1.544 | 227985\_at | LOC100506098 | uncharacterized LOC100506098 | Other | other | naïve |
| -3.292 | 241535\_at | LOC101060391 | uncharacterized LOC101060391 | Other | other | naïve |
| -1.465 | 236075\_s\_at | LOC101928000 | uncharacterized LOC101928000 | Other | other | naïve |
| -1.666 | 1568898\_at | LOC101928140 | uncharacterized LOC101928140 | Other | other | naïve |
| -1.281 | 215565\_at | LOC101929272 | uncharacterized LOC101929272 | Other | other | naïve |
| 2.006 | 239988\_at | LOC102723458 | uncharacterized LOC102723458 | Other | other | naïve |
| -1.028 | 236453\_at | LOC105372733 | uncharacterized LOC105372733 | Other | other | naïve |
| 1.878 | 243754\_at | LOC105373098 | uncharacterized LOC105373098 | Other | other | naïve |
| 1.319 | 1556172\_at | LOC105374809 | uncharacterized LOC105374809 | Other | other | naïve |
| 1.116 | 1560637\_at | LOC105375839 | uncharacterized LOC105375839 | Other | other | naïve |
| 1.148 | 220609\_at | LOC202181 | SUMO interacting motifs containing 1 pseudogene | Other | other | naïve |
| -1.794 | 1562568\_at | LOC400541 | uncharacterized LOC400541 | Other | other | naïve |
| -1.134 | 1559459\_at | LOC613266 | uncharacterized LOC613266 | Other | other | naïve |
| 1.568 | 1561759\_at | LOC645513 | septin 7 pseudogene | Other | other | naïve |
| -1.793 | 236977\_at | LOC646588 | uncharacterized LOC646588 | Other | other | naïve |
| -2.195 | 226826\_at | LSM11 | LSM11, U7 small nuclear RNA associated | Nucleus | other | naïve |
| -1.787 | 221832\_s\_at | LUZP1 | leucine zipper protein 1 | Nucleus | other | naïve |
| 1.367 | 213975\_s\_at | LYZ | lysozyme | Extracellular Space | enzyme | naïve |
| 1.078 | 1555745\_a\_at | LYZ | lysozyme | Extracellular Space | enzyme | naïve |
| 1.055 | 235278\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | naïve |
| 1.136 | 1563209\_a\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | naïve |
| -2.239 | 226084\_at | MAP1B | microtubule associated protein 1B | Cytoplasm | other | naïve |
| 1.479 | 225540\_at | MAP2 | microtubule associated protein 2 | Plasma Membrane | other | naïve |
| -2.397 | 225662\_at | MAP3K20 | mitogen-activated protein kinase kinase kinase 20 | Cytoplasm | kinase | naïve |
| -1.432 | 228262\_at | MAP7D2 | MAP7 domain containing 2 | Other | other | naïve |
| -1.657 | 220145\_at | MAP9 | microtubule associated protein 9 | Cytoplasm | other | naïve |
| -1.942 | 221636\_s\_at | MARC2 | mitochondrial amidoxime reducing component 2 | Cytoplasm | enzyme | naïve |
| 1.251 | 225611\_at | MAST4 | microtubule associated serine/threonine kinase family member 4 | Other | kinase | naïve |
| 1.011 | 1564906\_at | MATR3 | matrin 3 | Nucleus | other | naïve |
| 1.252 | 214397\_at | MBD2 | methyl-CpG binding domain protein 2 | Nucleus | transcription regulator | naïve |
| -1.384 | 232298\_at | MBNL1-AS1 | MBNL1 antisense RNA 1 | Other | other | naïve |
| -1.012 | 206132\_at | MCC | MCC, WNT signaling pathway regulator | Cytoplasm | other | naïve |
| -1.021 | 232740\_at | MCM3AP-AS1 | MCM3AP antisense RNA 1 | Other | other | naïve |
| -2.228 | 211675\_s\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | naïve |
| -2.072 | 1559942\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | naïve |
| -2.226 | 1562731\_s\_at | MDS2 | myelodysplastic syndrome 2 translocation associated | Extracellular Space | other | naïve |
| 1.285 | 244611\_at | MED13 | mediator complex subunit 13 | Nucleus | transcription regulator | naïve |
| -1.144 | 219318\_x\_at | MED31 | mediator complex subunit 31 | Nucleus | other | naïve |
| -1.011 | 226869\_at | MEGF6 | multiple EGF like domains 6 | Cytoplasm | other | naïve |
| -1.134 | 227805\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | naïve |
| -2.32 | 1565755\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | naïve |
| -1.511 | 1565756\_a\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | naïve |
| -2.187 | 232533\_at | METTL8 | methyltransferase like 8 | Other | enzyme | naïve |
| -1.807 | 1554667\_s\_at | METTL8 | methyltransferase like 8 | Other | enzyme | naïve |
| 1.398 | 1552312\_a\_at | MFAP3 | microfibril associated protein 3 | Extracellular Space | other | naïve |
| -1.198 | 209758\_s\_at | MFAP5 | microfibril associated protein 5 | Extracellular Space | other | naïve |
| -1.296 | 1569136\_at | MGAT4A | alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | Cytoplasm | enzyme | naïve |
| -1.133 | 1558166\_at | MGC16275 | uncharacterized protein MGC16275 | Other | other | naïve |
| 1.274 | 212473\_s\_at | MICAL2 | microtubule associated monooxygenase, calponin and LIM domain containing 2 | Cytoplasm | enzyme | naïve |
| -1.733 | 238458\_at | MICU3 | mitochondrial calcium uptake family member 3 | Cytoplasm | other | naïve |
| -1.24 | 204594\_s\_at | MIEF1 | mitochondrial elongation factor 1 | Cytoplasm | other | naïve |
| -1.436 | 235428\_at | MINCR | MYC-induced long non-coding RNA | Other | other | naïve |
| -1.115 | 213708\_s\_at | MLX | MLX, MAX dimerization protein | Nucleus | transcription regulator | naïve |
| 1.478 | 209708\_at | MOXD1 | monooxygenase DBH like 1 | Cytoplasm | enzyme | naïve |
| -1.042 | 237158\_s\_at | MPHOSPH9 | M-phase phosphoprotein 9 | Cytoplasm | other | naïve |
| -1.196 | 218654\_s\_at | MRPS33 | mitochondrial ribosomal protein S33 | Cytoplasm | other | naïve |
| 1.474 | 230550\_at | MS4A6A | membrane spanning 4-domains A6A | Other | other | naïve |
| -1.333 | 242996\_at | MTRF1 | mitochondrial translation release factor 1 | Cytoplasm | translation regulator | naïve |
| -1.123 | 203517\_at | MTX2 | metaxin 2 | Cytoplasm | transporter | naïve |
| 2.467 | 202086\_at | MX1 | MX dynamin like GTPase 1 | Cytoplasm | enzyme | naïve |
| -1.225 | 203360\_s\_at | MYCBP | MYC binding protein | Nucleus | transcription regulator | naïve |
| -1.395 | 212365\_at | MYO1B | myosin IB | Cytoplasm | enzyme | naïve |
| 1.124 | 225301\_s\_at | MYO5B | myosin VB | Cytoplasm | enzyme | naïve |
| -1.277 | 1568805\_at | NCOA7 | nuclear receptor coactivator 7 | Nucleus | transcription regulator | naïve |
| 1.07 | 204162\_at | NDC80 | NDC80, kinetochore complex component | Nucleus | other | naïve |
| -2.305 | 236440\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | naïve |
| -3.221 | 1552736\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | naïve |
| -3.237 | 1562713\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | naïve |
| -1.238 | 222774\_s\_at | NETO2 | neuropilin and tolloid like 2 | Plasma Membrane | other | naïve |
| -1.405 | 244370\_at | NEXMIF | neurite extension and migration factor | Nucleus | enzyme | naïve |
| -1.617 | 210556\_at | NFATC3 | nuclear factor of activated T cells 3 | Nucleus | transcription regulator | naïve |
| -1.193 | 219418\_at | NHEJ1 | non-homologous end joining factor 1 | Nucleus | other | naïve |
| -1.944 | 223764\_x\_at | NIPSNAP3B | nipsnap homolog 3B | Other | other | naïve |
| 1.483 | 213915\_at | NKG7 | natural killer cell granule protein 7 | Plasma Membrane | other | naïve |
| -1.548 | 1558801\_at | NNT-AS1 | NNT antisense RNA 1 | Other | other | naïve |
| -1.189 | 223157\_at | NOA1 | nitric oxide associated 1 | Cytoplasm | other | naïve |
| 1.178 | 203023\_at | NOP16 | NOP16 nucleolar protein | Nucleus | other | naïve |
| 1.129 | 243996\_at | NPR2 | natriuretic peptide receptor 2 | Plasma Membrane | G-protein coupled receptor | naïve |
| 2.274 | 204105\_s\_at | NRCAM | neuronal cell adhesion molecule | Plasma Membrane | other | naïve |
| -2.297 | 1553994\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | naïve |
| -2.007 | 1553995\_a\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | naïve |
| -2.008 | 217540\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | naïve |
| -1.273 | 243011\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | naïve |
| -1.591 | 243606\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | naïve |
| 2.049 | 205552\_s\_at | OAS1 | 2'-5'-oligoadenylate synthetase 1 | Cytoplasm | enzyme | naïve |
| 1.552 | 228607\_at | OAS2 | 2'-5'-oligoadenylate synthetase 2 | Cytoplasm | enzyme | naïve |
| 2.438 | 218400\_at | OAS3 | 2'-5'-oligoadenylate synthetase 3 | Cytoplasm | enzyme | naïve |
| 2.28 | 205660\_at | OASL | 2'-5'-oligoadenylate synthetase like | Cytoplasm | enzyme | naïve |
| -1.144 | 216085\_at | OBSCN | obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF | Cytoplasm | kinase | naïve |
| 3.641 | 209925\_at | OCLN | occludin | Plasma Membrane | other | naïve |
| 2.625 | 227492\_at | OCLN | occludin | Plasma Membrane | other | naïve |
| 2.204 | 238327\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | naïve |
| 1.076 | 243934\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | naïve |
| -2.165 | 214705\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | naïve |
| -2.87 | 223681\_s\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | naïve |
| -2.308 | 227474\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | naïve |
| -1.186 | 228425\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | naïve |
| -2.037 | 1562481\_at | PCBP1-AS1 | PCBP1 antisense RNA 1 | Other | other | naïve |
| 1.342 | 205717\_x\_at | PCDHGC3 | protocadherin gamma subfamily C, 3 | Plasma Membrane | other | naïve |
| -1.252 | 204025\_s\_at | PDCD2 | programmed cell death 2 | Nucleus | other | naïve |
| -1.312 | 240088\_at | PDE5A | phosphodiesterase 5A | Cytoplasm | enzyme | naïve |
| -1.451 | 220236\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | naïve |
| -1.318 | 224904\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | naïve |
| -1.593 | 1570119\_at | PDS5B | PDS5 cohesin associated factor B | Nucleus | other | naïve |
| -1.144 | 230416\_at | PDZD8 | PDZ domain containing 8 | Extracellular Space | other | naïve |
| 1.802 | 202464\_s\_at | PFKFB3 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 | Cytoplasm | kinase | naïve |
| 1.286 | 239725\_at | PGAP1 | post-GPI attachment to proteins 1 | Cytoplasm | enzyme | naïve |
| -1.534 | 225366\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | naïve |
| -1.266 | 225367\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | naïve |
| -1.35 | 227947\_at | PHACTR2 | phosphatase and actin regulator 2 | Other | other | naïve |
| -1.012 | 242060\_x\_at | PHF11 | PHD finger protein 11 | Nucleus | other | naïve |
| -1.327 | 230098\_at | PHF20L1 | PHD finger protein 20 like 1 | Other | other | naïve |
| -1.368 | 1552291\_at | PIGX | phosphatidylinositol glycan anchor biosynthesis class X | Cytoplasm | other | naïve |
| -2.021 | 230673\_at | PKHD1L1 | PKHD1 like 1 | Extracellular Space | other | naïve |
| -2.042 | 227247\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | naïve |
| 1.093 | 1560556\_a\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | naïve |
| -1.258 | 209504\_s\_at | PLEKHB1 | pleckstrin homology domain containing B1 | Cytoplasm | other | naïve |
| -2.132 | 205871\_at | PLGLB1/PLGLB2 | plasminogen-like B2 | Extracellular Space | peptidase | naïve |
| 1.069 | 204938\_s\_at | PLN | phospholamban | Cytoplasm | transporter | naïve |
| 2.204 | 212230\_at | PLPP3 | phospholipid phosphatase 3 | Plasma Membrane | phosphatase | naïve |
| 1.481 | 202430\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | naïve |
| 1.925 | 202446\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | naïve |
| 1.826 | 244315\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | naïve |
| -1.577 | 234352\_x\_at | POLB | DNA polymerase beta | Nucleus | enzyme | naïve |
| -1.733 | 232181\_at | PPARGC1B | PPARG coactivator 1 beta | Nucleus | transcription regulator | naïve |
| -4.046 | 214146\_s\_at | PPBP | pro-platelet basic protein | Extracellular Space | cytokine | naïve |
| -1.366 | 200975\_at | PPT1 | palmitoyl-protein thioesterase 1 | Cytoplasm | enzyme | naïve |
| 1.041 | 228964\_at | PRDM1 | PR/SET domain 1 | Nucleus | transcription regulator | naïve |
| -2.001 | 229687\_s\_at | PRDM11 | PR/SET domain 11 | Other | other | naïve |
| -1.33 | 39729\_at | PRDX2 | peroxiredoxin 2 | Cytoplasm | enzyme | naïve |
| -1.276 | 236513\_at | PRELID2 | PRELI domain containing 2 | Cytoplasm | other | naïve |
| -1.186 | 205053\_at | PRIM1 | DNA primase subunit 1 | Nucleus | enzyme | naïve |
| -1.678 | 209678\_s\_at | PRKCI | protein kinase C iota | Cytoplasm | kinase | naïve |
| -1.336 | 235987\_at | PRKXP1 | PRKX pseudogene 1 | Other | other | naïve |
| 1.764 | 228273\_at | PRR11 | proline rich 11 | Other | other | naïve |
| -3.142 | 1555486\_a\_at | PRR5L | proline rich 5 like | Cytoplasm | other | naïve |
| -1.03 | 232490\_s\_at | PRUNE1 | prune exopolyphosphatase 1 | Nucleus | enzyme | naïve |
| -1.115 | 238425\_at | PSMB2 | proteasome subunit beta 2 | Cytoplasm | peptidase | naïve |
| -1.058 | 208827\_at | PSMB6 | proteasome subunit beta 6 | Nucleus | peptidase | naïve |
| 1.097 | 221840\_at | PTPRE | protein tyrosine phosphatase, receptor type E | Plasma Membrane | phosphatase | naïve |
| 1.285 | 229465\_s\_at | PTPRS | protein tyrosine phosphatase, receptor type S | Plasma Membrane | phosphatase | naïve |
| -1.124 | 219622\_at | RAB20 | RAB20, member RAS oncogene family | Cytoplasm | enzyme | naïve |
| 2.072 | 215070\_x\_at | RABGAP1 | RAB GTPase activating protein 1 | Cytoplasm | other | naïve |
| -1.01 | 224200\_s\_at | RAD18 | RAD18, E3 ubiquitin protein ligase | Nucleus | other | naïve |
| -1.22 | 201222\_s\_at | RAD23B | RAD23 homolog B, nucleotide excision repair protein | Nucleus | other | naïve |
| -1.152 | 230294\_at | RALY-AS1 | RALY antisense RNA 1 | Other | other | naïve |
| 1.9 | 204680\_s\_at | RAPGEF5 | Rap guanine nucleotide exchange factor 5 | Nucleus | other | naïve |
| 2.062 | 229147\_at | RASSF6 | Ras association domain family member 6 | Other | other | naïve |
| 1.084 | 209487\_at | RBPMS | RNA binding protein, mRNA processing factor | Cytoplasm | transcription regulator | naïve |
| 1.566 | 228802\_at | RBPMS2 | RNA binding protein, mRNA processing factor 2 | Cytoplasm | other | naïve |
| -1.5 | 217775\_s\_at | RDH11 | retinol dehydrogenase 11 | Cytoplasm | enzyme | naïve |
| -1.715 | 1559190\_s\_at | RDH13 | retinol dehydrogenase 13 | Cytoplasm | enzyme | naïve |
| 1.403 | 229536\_at | REC8 | REC8 meiotic recombination protein | Nucleus | other | naïve |
| -1.31 | 203224\_at | RFK | riboflavin kinase | Cytoplasm | kinase | naïve |
| 2.101 | 218723\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | naïve |
| 2.055 | 228193\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | naïve |
| 1.298 | 239827\_at | RGCC | regulator of cell cycle | Cytoplasm | other | naïve |
| -1.233 | 242450\_at | RGMB | repulsive guidance molecule BMP co-receptor b | Plasma Membrane | other | naïve |
| -1.769 | 235597\_s\_at | RGPD4 (includes others) | RANBP2-like and GRIP domain containing 5 | Nucleus | enzyme | naïve |
| 1.538 | 1568752\_s\_at | RGS13 | regulator of G protein signaling 13 | Nucleus | other | naïve |
| -2.072 | 216970\_at | RGS7 | regulator of G protein signaling 7 | Cytoplasm | enzyme | naïve |
| -1.215 | 202975\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | naïve |
| -1.755 | 202976\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | naïve |
| -1.163 | 216048\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | naïve |
| -1.661 | 225202\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | naïve |
| 1.735 | 209684\_at | RIN2 | Ras and Rab interactor 2 | Cytoplasm | other | naïve |
| -1.212 | 213189\_at | RIOX2 | ribosomal oxygenase 2 | Nucleus | enzyme | naïve |
| 1.054 | 201823\_s\_at | RNF14 | ring finger protein 14 | Cytoplasm | transcription regulator | naïve |
| 2.636 | 204040\_at | RNF144A | ring finger protein 144A | Nucleus | enzyme | naïve |
| 1.861 | 233880\_at | RNF213 | ring finger protein 213 | Cytoplasm | enzyme | naïve |
| -1.074 | 223824\_at | RNLS | renalase, FAD dependent amine oxidase | Extracellular Space | enzyme | naïve |
| -1.346 | 1568782\_at | RP2 | RP2, ARL3 GTPase activating protein | Cytoplasm | enzyme | naïve |
| -1.248 | 240806\_at | RPL15 | ribosomal protein L15 | Cytoplasm | other | naïve |
| -1.15 | 223707\_at | RPL27A | ribosomal protein L27a | Cytoplasm | other | naïve |
| 1.24 | 215249\_at | RPL35A | ribosomal protein L35a | Cytoplasm | other | naïve |
| 1.922 | 211690\_at | RPS6 | ribosomal protein S6 | Cytoplasm | other | naïve |
| 3.299 | 213797\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | naïve |
| 4.824 | 242625\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | naïve |
| 2.032 | 1556472\_s\_at | SCML4 | Scm polycomb group protein like 4 | Nucleus | other | naïve |
| -1.199 | 236520\_at | SDCBP2-AS1 | SDCBP2 antisense RNA 1 | Other | other | naïve |
| -1.814 | 238465\_at | SETD9 | SET domain containing 9 | Nucleus | enzyme | naïve |
| 1.759 | 227210\_at | SFMBT2 | Scm like with four mbt domains 2 | Nucleus | other | naïve |
| 1.708 | 33323\_r\_at | SFN | stratifin | Cytoplasm | other | naïve |
| -1.117 | 205120\_s\_at | SGCB | sarcoglycan beta | Plasma Membrane | other | naïve |
| -1.272 | 235425\_at | SGO2 | shugoshin 2 | Nucleus | other | naïve |
| 1.03 | 221268\_s\_at | SGPP1 | sphingosine-1-phosphate phosphatase 1 | Cytoplasm | phosphatase | naïve |
| -1.393 | 224817\_at | SH3PXD2A | SH3 and PX domains 2A | Cytoplasm | other | naïve |
| 1.017 | 219519\_s\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | naïve |
| 1.072 | 44673\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | naïve |
| 2.581 | 219159\_s\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | naïve |
| 2.152 | 222838\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | naïve |
| 2.079 | 210423\_s\_at | SLC11A1 | solute carrier family 11 member 1 | Plasma Membrane | transporter | naïve |
| 1.823 | 219874\_at | SLC12A8 | solute carrier family 12 member 8 | Other | transporter | naïve |
| -1.121 | 202236\_s\_at | SLC16A1 | solute carrier family 16 member 1 | Plasma Membrane | transporter | naïve |
| -1.145 | 1568813\_at | SLC16A1-AS1 | SLC16A1 antisense RNA 1 | Other | other | naïve |
| 1.403 | 238029\_s\_at | SLC16A14 | solute carrier family 16 member 14 | Other | other | naïve |
| -1.426 | 230003\_at | SLC16A7 | solute carrier family 16 member 7 | Plasma Membrane | transporter | naïve |
| -1.451 | 209003\_at | SLC25A11 | solute carrier family 25 member 11 | Cytoplasm | transporter | naïve |
| -2.528 | 243231\_at | SLC38A11 | solute carrier family 38 member 11 | Other | transporter | naïve |
| -1.77 | 212110\_at | SLC39A14 | solute carrier family 39 member 14 | Plasma Membrane | transporter | naïve |
| 1.029 | 1556551\_s\_at | SLC39A6 | solute carrier family 39 member 6 | Plasma Membrane | transporter | naïve |
| -1.115 | 220984\_s\_at | SLCO5A1 | solute carrier organic anion transporter family member 5A1 | Other | transporter | naïve |
| 2.137 | 230383\_x\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | naïve |
| 1.556 | 243999\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | naïve |
| 2.283 | 1553055\_a\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | naïve |
| 1.026 | 235451\_at | SMAD5 | SMAD family member 5 | Nucleus | transcription regulator | naïve |
| -1.14 | 239084\_at | SNAP29 | synaptosome associated protein 29 | Cytoplasm | transporter | naïve |
| -1.291 | 228049\_x\_at | SNHG19 | small nucleolar RNA host gene 19 | Other | other | naïve |
| -1.452 | 239823\_at | SNHG26 |  | Other | other | naïve |
| -1.443 | 1566403\_at | SNORA68 | small nucleolar RNA, H/ACA box 68 | Other | other | naïve |
| -2.849 | 1567679\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | naïve |
| -2.345 | 1567681\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | naïve |
| -2.96 | 1567682\_x\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | naïve |
| 2.473 | 208608\_s\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | naïve |
| 2.006 | 214708\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | naïve |
| -1.213 | 226685\_at | SNTB2 | syntrophin beta 2 | Plasma Membrane | other | naïve |
| 2.206 | 201417\_at | SOX4 | SRY-box 4 | Nucleus | transcription regulator | naïve |
| 2.677 | 207336\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | naïve |
| 4.279 | 238009\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | naïve |
| 3.49 | 238285\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | naïve |
| -1.562 | 228698\_at | SOX7 | SRY-box 7 | Nucleus | transcription regulator | naïve |
| -1.101 | 238459\_x\_at | SPATA6 | spermatogenesis associated 6 | Cytoplasm | other | naïve |
| -1.783 | 219583\_s\_at | SPATA7 | spermatogenesis associated 7 | Cytoplasm | other | naïve |
| -1.143 | 202104\_s\_at | SPG7 | SPG7, paraplegin matrix AAA peptidase subunit | Cytoplasm | peptidase | naïve |
| -1.26 | 219205\_at | SRR | serine racemase | Cytoplasm | enzyme | naïve |
| 1.758 | AFFX-HUMISGF3A/M97935\_MA\_at | STAT1 | signal transducer and activator of transcription 1 | Nucleus | transcription regulator | naïve |
| -1.107 | 212009\_s\_at | STIP1 | stress induced phosphoprotein 1 | Cytoplasm | other | naïve |
| -1.19 | 242989\_at | STRN | striatin | Cytoplasm | other | naïve |
| 1.042 | 214169\_at | SUN1 | Sad1 and UNC84 domain containing 1 | Nucleus | other | naïve |
| 1.385 | 203998\_s\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | naïve |
| 1.634 | 203999\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | naïve |
| 2.027 | 209198\_s\_at | SYT11 | synaptotagmin 11 | Cytoplasm | transporter | naïve |
| -2.783 | 229053\_at | SYT17 | synaptotagmin 17 | Plasma Membrane | other | naïve |
| -1.038 | 201463\_s\_at | TALDO1 | transaldolase 1 | Cytoplasm | enzyme | naïve |
| -2.327 | 244272\_s\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | naïve |
| -2.461 | 1553132\_a\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | naïve |
| 4.035 | 237749\_at | TCF4-AS1 | TCF4 antisense RNA 1 | Other | other | naïve |
| -1.232 | 222010\_at | TCP1 | t-complex 1 | Cytoplasm | other | naïve |
| -1.375 | 230380\_at | THAP2 | THAP domain containing 2 | Nucleus | transcription regulator | naïve |
| 1.042 | 235086\_at | THBS1 | thrombospondin 1 | Extracellular Space | other | naïve |
| 3.055 | 207571\_x\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | naïve |
| 3.021 | 210785\_s\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | naïve |
| -2.225 | 228716\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | naïve |
| -2.804 | 229657\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | naïve |
| -2.079 | 201147\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | naïve |
| -3.273 | 201150\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | naïve |
| -1.061 | 221096\_s\_at | TMCO6 | transmembrane and coiled-coil domains 6 | Other | other | naïve |
| -1.134 | 224495\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | naïve |
| -1.928 | 224496\_s\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | naïve |
| -1.591 | 235490\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | naïve |
| -1.226 | 235798\_at | TMEM170B | transmembrane protein 170B | Plasma Membrane | other | naïve |
| -1.525 | 219315\_s\_at | TMEM204 | transmembrane protein 204 | Plasma Membrane | other | naïve |
| 1.225 | 228372\_at | TMEM273 | transmembrane protein 273 | Other | other | naïve |
| -1.394 | 1561890\_at | TMEM273 | transmembrane protein 273 | Other | other | naïve |
| -2.731 | 237515\_at | TMEM56 | transmembrane protein 56 | Other | other | naïve |
| -1.034 | 238429\_at | TMEM71 | transmembrane protein 71 | Cytoplasm | other | naïve |
| -1.16 | 242316\_at | TMOD3 | tropomodulin 3 | Cytoplasm | other | naïve |
| -1.011 | 226604\_at | TMTC3 | transmembrane and tetratricopeptide repeat containing 3 | Cytoplasm | other | naïve |
| 3.582 | 214581\_x\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | naïve |
| 1.985 | 218856\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | naïve |
| 1.038 | 206907\_at | TNFSF9 | TNF superfamily member 9 | Plasma Membrane | cytokine | naïve |
| -1.098 | 225036\_at | TOMM5 | translocase of outer mitochondrial membrane 5 | Cytoplasm | other | naïve |
| 2.692 | 204529\_s\_at | TOX | thymocyte selection associated high mobility group box | Nucleus | transcription regulator | naïve |
| 2.287 | 228737\_at | TOX2 | TOX high mobility group box family member 2 | Nucleus | transcription regulator | naïve |
| -1.137 | 238494\_at | TRAF3IP1 | TRAF3 interacting protein 1 | Cytoplasm | other | naïve |
| -1.183 | 1559681\_a\_at | TRIM16L | tripartite motif containing 16 like | Other | other | naïve |
| -1.055 | 223384\_s\_at | TRIM4 | tripartite motif containing 4 | Cytoplasm | other | naïve |
| -1.179 | 227801\_at | TRIM59 | tripartite motif containing 59 | Cytoplasm | enzyme | naïve |
| -1.167 | 219581\_at | TSEN2 | tRNA splicing endonuclease subunit 2 | Cytoplasm | enzyme | naïve |
| -1.8 | 220623\_s\_at | TSGA10 | testis specific 10 | Cytoplasm | other | naïve |
| -2.027 | 1555932\_at | TSGA10 | testis specific 10 | Cytoplasm | other | naïve |
| 1.325 | 239042\_at | TSR1 | TSR1, ribosome maturation factor | Nucleus | other | naïve |
| 2.137 | 244839\_at | TTN | titin | Cytoplasm | kinase | naïve |
| -1.115 | 230690\_at | TUBB1 | tubulin beta 1 class VI | Cytoplasm | other | naïve |
| 2.406 | 209191\_at | TUBB6 | tubulin beta 6 class V | Cytoplasm | other | naïve |
| 1.089 | 228397\_at | TUG1 | taurine up-regulated 1 | Other | other | naïve |
| 2.191 | 217497\_at | TYMP | thymidine phosphorylase | Extracellular Space | growth factor | naïve |
| -1.326 | 239792\_at | UBL7-AS1 | UBL7 antisense RNA 1 (head to head) | Other | other | naïve |
| -1.67 | 228956\_at | UGT8 | UDP glycosyltransferase 8 | Cytoplasm | enzyme | naïve |
| 1.339 | 230655\_at | ULBP3 | UL16 binding protein 3 | Plasma Membrane | transmembrane receptor | naïve |
| 3.375 | 219211\_at | USP18 | ubiquitin specific peptidase 18 | Cytoplasm | peptidase | naïve |
| 1.09 | 226669\_at | USP42 | ubiquitin specific peptidase 42 | Nucleus | peptidase | naïve |
| -1.478 | 231817\_at | USP53 | ubiquitin specific peptidase 53 | Extracellular Space | enzyme | naïve |
| -1.271 | 211760\_s\_at | VAMP4 | vesicle associated membrane protein 4 | Cytoplasm | other | naïve |
| -1.167 | 202829\_s\_at | VAMP7 | vesicle associated membrane protein 7 | Cytoplasm | transporter | naïve |
| -1.269 | 208844\_at | VDAC3 | voltage dependent anion channel 3 | Cytoplasm | ion channel | naïve |
| -1.096 | 224881\_at | VKORC1L1 | vitamin K epoxide reductase complex subunit 1 like 1 | Cytoplasm | enzyme | naïve |
| 1.016 | 210102\_at | VWA5A | von Willebrand factor A domain containing 5A | Nucleus | other | naïve |
| -1.429 | 1552430\_at | WDR17 | WD repeat domain 17 | Other | other | naïve |
| -1.806 | 239680\_at | WDR76 | WD repeat domain 76 | Nucleus | other | naïve |
| -2.665 | 213908\_at | WHAMMP3 | WAS protein homolog associated with actin, golgi membranes and microtubules pseudogene 3 | Other | other | naïve |
| -3.158 | 229103\_at | WNT3 | Wnt family member 3 | Extracellular Space | other | naïve |
| 2.162 | 206133\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | naïve |
| 1.998 | 228617\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | naïve |
| 2.538 | 242234\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | naïve |
| -1.157 | 227421\_at | YBEY | ybeY metalloendoribonuclease | Cytoplasm | other | naïve |
| -1.279 | 236559\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | naïve |
| -1.272 | 242325\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | naïve |
| 2.749 | 219836\_at | ZBED2 | zinc finger BED-type containing 2 | Other | other | naïve |
| -1.651 | 1560197\_at | ZC2HC1A | zinc finger C2HC-type containing 1A | Other | other | naïve |
| -1.653 | 232911\_at | ZFP14 | ZFP14 zinc finger protein | Nucleus | transcription regulator | naïve |
| 1.004 | 1562303\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | naïve |
| 1.011 | 1562305\_x\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | naïve |
| -1.347 | 1554158\_at | ZMYND11 | zinc finger MYND-type containing 11 | Nucleus | transcription regulator | naïve |
| -1.514 | 207417\_s\_at | ZNF177 | zinc finger protein 177 | Nucleus | transcription regulator | naïve |
| -2.572 | 208542\_x\_at | ZNF208 | zinc finger protein 208 | Nucleus | transcription regulator | naïve |
| -1.45 | 229360\_at | ZNF280B | zinc finger protein 280B | Nucleus | transcription regulator | naïve |
| 1.221 | 1568951\_at | ZNF280D | zinc finger protein 280D | Other | other | naïve |
| -1.035 | 1553612\_at | ZNF354B | zinc finger protein 354B | Other | other | naïve |
| 1.289 | 234844\_at | ZNF407 | zinc finger protein 407 | Nucleus | transcription regulator | naïve |
| -1.34 | 205928\_at | ZNF443 | zinc finger protein 443 | Nucleus | transcription regulator | naïve |
| -1.08 | 213124\_at | ZNF473 | zinc finger protein 473 | Nucleus | other | naïve |
| 1.482 | 232228\_at | ZNF530 | zinc finger protein 530 | Other | other | naïve |
| -1.086 | 1553286\_at | ZNF555 | zinc finger protein 555 | Other | other | naïve |
| 2.526 | 227952\_at | ZNF595 | zinc finger protein 595 | Nucleus | transcription regulator | naïve |
| -1.055 | 232272\_at | ZNF624 | zinc finger protein 624 | Nucleus | transcription regulator | naïve |
| -2.81 | 1552785\_at | ZNF781 | zinc finger protein 781 | Other | other | naïve |
| -1.084 | 215767\_at | ZNF804A | zinc finger protein 804A | Plasma Membrane | other | naïve |
| 1.823 | 243618\_s\_at | ZNF827 | zinc finger protein 827 | Other | other | naïve |
| -1.466 | 1569157\_s\_at | ZNF846 | zinc finger protein 846 | Other | other | naïve |
| -1.106 | 232315\_at | ZNF880 | zinc finger protein 880 | Other | other | naïve |
| -1.138 | 239538\_at | ZRANB3 | zinc finger RANBP2-type containing 3 | Nucleus | enzyme | naïve |
| -1.029 | 209600\_s\_at | ACOX1 | acyl-CoA oxidase 1 | Cytoplasm | enzyme | pre-GC |
| -1.041 | 204241\_at | ACOX3 | acyl-CoA oxidase 3, pristanoyl | Cytoplasm | enzyme | pre-GC |
| 1.099 | 213808\_at | ADAM23 | ADAM metallopeptidase domain 23 | Plasma Membrane | peptidase | pre-GC |
| 1.073 | 237213\_at | ADNP-AS1 | ADNP antisense RNA 1 | Other | other | pre-GC |
| 1.019 | 206170\_at | ADRB2 | adrenoceptor beta 2 | Plasma Membrane | G-protein coupled receptor | pre-GC |
| -1.017 | 238871\_at | AFDN | afadin, adherens junction formation factor | Nucleus | other | pre-GC |
| -1.228 | 206513\_at | AIM2 | absent in melanoma 2 | Cytoplasm | other | pre-GC |
| 1.131 | 205633\_s\_at | ALAS1 | 5'-aminolevulinate synthase 1 | Cytoplasm | enzyme | pre-GC |
| -1.012 | 202054\_s\_at | ALDH3A2 | aldehyde dehydrogenase 3 family member A2 | Cytoplasm | enzyme | pre-GC |
| -1.292 | 214221\_at | ALMS1 | ALMS1, centrosome and basal body associated protein | Cytoplasm | other | pre-GC |
| 2.557 | 1555731\_a\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | pre-GC |
| 1.004 | 1555733\_s\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | pre-GC |
| 1.085 | 210873\_x\_at | APOBEC3A | apolipoprotein B mRNA editing enzyme catalytic subunit 3A | Cytoplasm | enzyme | pre-GC |
| -1.253 | 238126\_at | APTR | Alu-mediated CDKN1A/p21 transcriptional regulator | Other | other | pre-GC |
| -1.398 | 229648\_at | ARHGAP32 | Rho GTPase activating protein 32 | Cytoplasm | other | pre-GC |
| -1.933 | 233621\_s\_at | ARHGEF12 | Rho guanine nucleotide exchange factor 12 | Cytoplasm | other | pre-GC |
| 1.036 | 241631\_at | ARHGEF40 | Rho guanine nucleotide exchange factor 40 | Other | other | pre-GC |
| 1.098 | 1562270\_at | ARHGEF7 | Rho guanine nucleotide exchange factor 7 | Cytoplasm | other | pre-GC |
| -1.471 | 229028\_s\_at | ARL17A/ARL17B | ADP ribosylation factor like GTPase 17A | Other | other | pre-GC |
| 1.186 | 223735\_at | ARL6 | ADP ribosylation factor like GTPase 6 | Cytoplasm | transporter | pre-GC |
| -1.044 | 228027\_at | ARMCX5-GPRASP2/GPRASP2 | G protein-coupled receptor associated sorting protein 2 | Plasma Membrane | other | pre-GC |
| 1.035 | 225283\_at | ARRDC4 | arrestin domain containing 4 | Plasma Membrane | other | pre-GC |
| -1.062 | 226941\_at | ATF6 | activating transcription factor 6 | Cytoplasm | transcription regulator | pre-GC |
| 2.104 | 227083\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | pre-GC |
| -2.094 | 227100\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | pre-GC |
| -1.382 | 222446\_s\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | pre-GC |
| 1.139 | 227051\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | pre-GC |
| 2.369 | 227372\_s\_at | BAIAP2L1 | BAI1 associated protein 2 like 1 | Cytoplasm | other | pre-GC |
| -2.491 | 1555555\_at | BBS9 | Bardet-Biedl syndrome 9 | Extracellular Space | other | pre-GC |
| -2.05 | 1560977\_a\_at | BCL2L13 | BCL2 like 13 | Cytoplasm | other | pre-GC |
| -1.798 | 229963\_at | BEX5 | brain expressed X-linked 5 | Cytoplasm | other | pre-GC |
| -1.29 | 209203\_s\_at | BICD2 | BICD cargo adaptor 2 | Cytoplasm | other | pre-GC |
| -1.764 | 204493\_at | BID | BH3 interacting domain death agonist | Cytoplasm | other | pre-GC |
| 1.083 | 229589\_x\_at | BIVM | basic, immunoglobulin-like variable motif containing | Extracellular Space | other | pre-GC |
| -1.228 | 226543\_at | BLOC1S5 | biogenesis of lysosomal organelles complex 1 subunit 5 | Extracellular Space | other | pre-GC |
| -1.244 | 213578\_at | BMPR1A | bone morphogenetic protein receptor type 1A | Plasma Membrane | kinase | pre-GC |
| -1.458 | 231873\_at | BMPR2 | bone morphogenetic protein receptor type 2 | Plasma Membrane | kinase | pre-GC |
| -1.291 | 232103\_at | BPNT1 | 3'(2'), 5'-bisphosphate nucleotidase 1 | Nucleus | phosphatase | pre-GC |
| 2.491 | 214727\_at | BRCA2 | BRCA2, DNA repair associated | Nucleus | transcription regulator | pre-GC |
| -1.328 | 228434\_at | BTNL9 | butyrophilin like 9 | Plasma Membrane | other | pre-GC |
| 1.362 | 222785\_x\_at | C11orf1 | chromosome 11 open reading frame 1 | Nucleus | other | pre-GC |
| -1.693 | 218546\_at | C1orf115 | chromosome 1 open reading frame 115 | Other | other | pre-GC |
| -1.012 | 218983\_at | C1RL | complement C1r subcomponent like | Extracellular Space | peptidase | pre-GC |
| -1.006 | 1568658\_at | C2orf74 | chromosome 2 open reading frame 74 | Other | other | pre-GC |
| 2.451 | 232270\_at | C9orf3 | chromosome 9 open reading frame 3 | Cytoplasm | peptidase | pre-GC |
| 1.337 | 1559419\_at | CACNB2 | calcium voltage-gated channel auxiliary subunit beta 2 | Plasma Membrane | ion channel | pre-GC |
| -1.521 | 218309\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | pre-GC |
| -1.121 | 229163\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | pre-GC |
| 1.236 | 1552701\_a\_at | CARD16 | caspase recruitment domain family member 16 | Other | other | pre-GC |
| 2.115 | 1570197\_at | CCDC194 |  | Other | other | pre-GC |
| 1.322 | 204103\_at | CCL4 | C-C motif chemokine ligand 4 | Extracellular Space | cytokine | pre-GC |
| -1.162 | 1569353\_at | CCP110 | centriolar coiled-coil protein 110 | Cytoplasm | other | pre-GC |
| -1.203 | 201326\_at | CCT6A | chaperonin containing TCP1 subunit 6A | Cytoplasm | other | pre-GC |
| -1.457 | 205987\_at | CD1C | CD1c molecule | Plasma Membrane | other | pre-GC |
| -1.093 | 206150\_at | CD27 | CD27 molecule | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.323 | 209933\_s\_at | CD300A | CD300a molecule | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.192 | 200663\_at | CD63 | CD63 molecule | Plasma Membrane | other | pre-GC |
| -1.646 | 1555689\_at | CD80 | CD80 molecule | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.495 | 206761\_at | CD96 | CD96 molecule | Plasma Membrane | other | pre-GC |
| 1.696 | 1555120\_at | CD96 | CD96 molecule | Plasma Membrane | other | pre-GC |
| 1.067 | 239247\_at | CD99P1 | CD99 molecule pseudogene 1 | Plasma Membrane | other | pre-GC |
| -1.323 | 1554489\_a\_at | CEP70 | centrosomal protein 70 | Cytoplasm | other | pre-GC |
| -1.31 | 1559051\_s\_at | CGAS | cyclic GMP-AMP synthase | Cytoplasm | enzyme | pre-GC |
| -1.466 | 238075\_at | CHEK1 | checkpoint kinase 1 | Nucleus | kinase | pre-GC |
| -1.2 | 204591\_at | CHL1 | cell adhesion molecule L1 like | Plasma Membrane | other | pre-GC |
| -1.522 | 208424\_s\_at | CIAPIN1 | cytokine induced apoptosis inhibitor 1 | Cytoplasm | other | pre-GC |
| -1.4 | 226686\_at | CISD2 | CDGSH iron sulfur domain 2 | Cytoplasm | other | pre-GC |
| 1.046 | 200998\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | pre-GC |
| -1.183 | 200999\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | pre-GC |
| -1.039 | 1555687\_a\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | pre-GC |
| 1.036 | 1552552\_s\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | pre-GC |
| 5.299 | 226702\_at | CMPK2 | cytidine/uridine monophosphate kinase 2 | Cytoplasm | kinase | pre-GC |
| -1.171 | 201445\_at | CNN3 | calponin 3 | Cytoplasm | other | pre-GC |
| -1.226 | 228297\_at | CNN3 | calponin 3 | Cytoplasm | other | pre-GC |
| -1.326 | 209796\_s\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | pre-GC |
| -1.394 | 209797\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | pre-GC |
| -1.237 | 214641\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | pre-GC |
| 1.364 | 216893\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | pre-GC |
| 1.026 | 216898\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | pre-GC |
| -2.115 | 222073\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | pre-GC |
| -1.329 | 203551\_s\_at | COX11 | cytochrome c oxidase copper chaperone COX11 | Cytoplasm | enzyme | pre-GC |
| -2 | 228728\_at | CPED1 | cadherin like and PC-esterase domain containing 1 | Cytoplasm | other | pre-GC |
| 1.131 | 235019\_at | CPM | carboxypeptidase M | Plasma Membrane | peptidase | pre-GC |
| 1.118 | 229228\_at | CREB5 | cAMP responsive element binding protein 5 | Nucleus | transcription regulator | pre-GC |
| -1.248 | 201200\_at | CREG1 | cellular repressor of E1A stimulated genes 1 | Nucleus | transcription regulator | pre-GC |
| 2.064 | 209967\_s\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | pre-GC |
| 1.779 | 214508\_x\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | pre-GC |
| -1.061 | 206777\_s\_at | CRYBB2 | crystallin beta B2 | Other | other | pre-GC |
| -1.809 | 221260\_s\_at | CSRNP2 | cysteine and serine rich nuclear protein 2 | Nucleus | transcription regulator | pre-GC |
| 1.068 | 210140\_at | CST7 | cystatin F | Extracellular Space | other | pre-GC |
| 2.011 | 209975\_at | CYP2E1 | cytochrome P450 family 2 subfamily E member 1 | Cytoplasm | enzyme | pre-GC |
| -1.549 | 214235\_at | CYP3A5 | cytochrome P450 family 3 subfamily A member 5 | Cytoplasm | enzyme | pre-GC |
| 1.063 | 225799\_at | CYTOR | cytoskeleton regulator RNA | Other | other | pre-GC |
| -1.89 | 239376\_at | DCLRE1C | DNA cross-link repair 1C | Nucleus | enzyme | pre-GC |
| 1.076 | 235436\_at | DDX31 | DEAD-box helicase 31 | Nucleus | enzyme | pre-GC |
| 2.053 | 218986\_s\_at | DDX60 | DExD/H-box helicase 60 | Cytoplasm | enzyme | pre-GC |
| -1.157 | 228032\_s\_at | DENND1B | DENN domain containing 1B | Other | other | pre-GC |
| -1.126 | 244784\_at | DHX57 | DExH-box helicase 57 | Extracellular Space | other | pre-GC |
| 1.348 | 210801\_at | DIMT1 | DIM1 dimethyladenosine transferase 1 homolog | Cytoplasm | enzyme | pre-GC |
| -1.179 | 213149\_at | DLAT | dihydrolipoamide S-acetyltransferase | Cytoplasm | enzyme | pre-GC |
| -2.624 | 1553998\_at | DMRTC1/DMRTC1B | DMRT like family C1 | Other | other | pre-GC |
| -1.289 | 229588\_at | DNAJC10 | DnaJ heat shock protein family (Hsp40) member C10 | Cytoplasm | enzyme | pre-GC |
| 1.401 | 209839\_at | DNM3 | dynamin 3 | Cytoplasm | enzyme | pre-GC |
| -1.001 | 225200\_at | DPH3 | diphthamide biosynthesis 3 | Cytoplasm | other | pre-GC |
| 2.457 | 200606\_at | DSP | desmoplakin | Plasma Membrane | other | pre-GC |
| -1.473 | 201022\_s\_at | DSTN | destrin, actin depolymerizing factor | Cytoplasm | other | pre-GC |
| 2.295 | 235606\_at | DUBR | DPPA2 upstream binding RNA | Other | other | pre-GC |
| 1.999 | 226034\_at | DUSP4 | dual specificity phosphatase 4 | Nucleus | phosphatase | pre-GC |
| -2.072 | 1554772\_at | EFCAB13 | EF-hand calcium binding domain 13 | Nucleus | other | pre-GC |
| -1.204 | 221497\_x\_at | EGLN1 | egl-9 family hypoxia inducible factor 1 | Cytoplasm | enzyme | pre-GC |
| -1.019 | 205249\_at | EGR2 | early growth response 2 | Nucleus | transcription regulator | pre-GC |
| 2.006 | 242898\_at | EIF2AK2 | eukaryotic translation initiation factor 2 alpha kinase 2 | Cytoplasm | kinase | pre-GC |
| 1.495 | 206919\_at | ELK4 | ELK4, ETS transcription factor | Nucleus | transcription regulator | pre-GC |
| -1.137 | 242443\_at | EML5 | echinoderm microtubule associated protein like 5 | Cytoplasm | other | pre-GC |
| -1.74 | 223893\_at | ENAM | enamelin | Extracellular Space | other | pre-GC |
| 1.143 | 201340\_s\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | pre-GC |
| 1.646 | 201341\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | pre-GC |
| 1.373 | 204143\_s\_at | ENOSF1 | enolase superfamily member 1 | Other | enzyme | pre-GC |
| 1.51 | 220120\_s\_at | EPB41L4A | erythrocyte membrane protein band 4.1 like 4A | Extracellular Space | other | pre-GC |
| -2.393 | 1562249\_at | EPHA1-AS1 | EPHA1 antisense RNA 1 | Other | other | pre-GC |
| 2.42 | 227609\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | pre-GC |
| 2.007 | 235276\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | pre-GC |
| -1.392 | 224576\_at | ERGIC1 | endoplasmic reticulum-golgi intermediate compartment 1 | Cytoplasm | other | pre-GC |
| 1.242 | 213365\_at | ERI2 | ERI1 exoribonuclease family member 2 | Other | other | pre-GC |
| -2.165 | 244452\_at | ERLEC1 | endoplasmic reticulum lectin 1 | Cytoplasm | other | pre-GC |
| 2.429 | 219629\_at | FAM118A | family with sequence similarity 118 member A | Other | other | pre-GC |
| 1.243 | 217966\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | pre-GC |
| -1.055 | 217967\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | pre-GC |
| 1.205 | 214889\_at | FAM149A | family with sequence similarity 149 member A | Other | other | pre-GC |
| -2.025 | 224435\_at | FAM213A | family with sequence similarity 213 member A | Extracellular Space | other | pre-GC |
| -1.149 | 1557217\_a\_at | FANCB | FA complementation group B | Nucleus | other | pre-GC |
| -1.123 | 1568891\_x\_at | FANCD2 | FA complementation group D2 | Nucleus | other | pre-GC |
| 1.241 | 204781\_s\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.455 | 215719\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.491 | 216252\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.052 | 1559214\_at | FBXO22 | F-box protein 22 | Cytoplasm | enzyme | pre-GC |
| -1.13 | 1559094\_at | FBXO9 | F-box protein 9 | Cytoplasm | enzyme | pre-GC |
| 3.294 | 203561\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | pre-GC |
| 2.134 | 1565673\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.11 | 227948\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | pre-GC |
| 1.038 | 230559\_x\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | pre-GC |
| -1.048 | 242445\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | pre-GC |
| 1.207 | 1555136\_at | FGD6 | FYVE, RhoGEF and PH domain containing 6 | Cytoplasm | other | pre-GC |
| -1.014 | 204834\_at | FGL2 | fibrinogen like 2 | Extracellular Space | peptidase | pre-GC |
| -1.191 | 226805\_at | FITM2 | fat storage inducing transmembrane protein 2 | Cytoplasm | other | pre-GC |
| -1.629 | 76897\_s\_at | FKBP15 | FK506 binding protein 15 | Plasma Membrane | enzyme | pre-GC |
| 1.962 | 228188\_at | FOSL2 | FOS like 2, AP-1 transcription factor subunit | Nucleus | transcription regulator | pre-GC |
| 1.088 | 223936\_s\_at | FOXP1 | forkhead box P1 | Nucleus | transcription regulator | pre-GC |
| -2.06 | 242135\_at | FRG1GP | FSHD region gene 1 family member G, pseudogene | Other | other | pre-GC |
| -1.095 | 232182\_at | FRG1HP | FSHD region gene 1 family member H, pseudogene | Other | other | pre-GC |
| 2.026 | 209892\_at | FUT4 | fucosyltransferase 4 | Cytoplasm | enzyme | pre-GC |
| 1.316 | 211458\_s\_at | GABARAPL3 | GABA type A receptor associated protein like 3 pseudogene | Other | other | pre-GC |
| -1.303 | 204417\_at | GALC | galactosylceramidase | Cytoplasm | enzyme | pre-GC |
| -2.066 | 218885\_s\_at | GALNT12 | polypeptide N-acetylgalactosaminyltransferase 12 | Cytoplasm | enzyme | pre-GC |
| 2.136 | 232110\_at | GALNT5 | polypeptide N-acetylgalactosaminyltransferase 5 | Cytoplasm | enzyme | pre-GC |
| 1.133 | 202191\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | pre-GC |
| 1.512 | 202192\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | pre-GC |
| 1.113 | 210872\_x\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | pre-GC |
| -1.031 | 211067\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | pre-GC |
| 1.072 | 214711\_at | GATC | glutamyl-tRNA amidotransferase subunit C | Nucleus | enzyme | pre-GC |
| -1.549 | 203178\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | pre-GC |
| -1.59 | 216733\_s\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | pre-GC |
| -1.496 | 210175\_at | GCFC2 | GC-rich sequence DNA-binding factor 2 | Nucleus | transcription regulator | pre-GC |
| -1.529 | 230788\_at | GCNT2 | glucosaminyl (N-acetyl) transferase 2 (I blood group) | Cytoplasm | enzyme | pre-GC |
| -1.578 | 213133\_s\_at | GCSH | glycine cleavage system protein H | Cytoplasm | enzyme | pre-GC |
| -1.019 | 228376\_at | GGTA1P | glycoprotein, alpha-galactosyltransferase 1 pseudogene | Cytoplasm | other | pre-GC |
| -1.077 | 232024\_at | GIMAP2 | GTPase, IMAP family member 2 | Cytoplasm | other | pre-GC |
| -1.266 | 221932\_s\_at | GLRX5 | glutaredoxin 5 | Cytoplasm | other | pre-GC |
| 1.007 | 202615\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | pre-GC |
| 2.127 | 224862\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | pre-GC |
| -1.57 | 204115\_at | GNG11 | G protein subunit gamma 11 | Plasma Membrane | other | pre-GC |
| 1.085 | 211522\_s\_at | GNRHR | gonadotropin releasing hormone receptor | Plasma Membrane | G-protein coupled receptor | pre-GC |
| -1.293 | 208843\_s\_at | GORASP2 | golgi reassembly stacking protein 2 | Cytoplasm | other | pre-GC |
| -1.109 | 225420\_at | GPAM | glycerol-3-phosphate acyltransferase, mitochondrial | Cytoplasm | enzyme | pre-GC |
| -1.051 | 223319\_at | GPHN | gephyrin | Plasma Membrane | enzyme | pre-GC |
| 1.329 | 204137\_at | GPR137B | G protein-coupled receptor 137B | Plasma Membrane | other | pre-GC |
| 1.356 | 228770\_at | GPR146 | G protein-coupled receptor 146 | Plasma Membrane | G-protein coupled receptor | pre-GC |
| -2.267 | 1566257\_at | GPR180 | G protein-coupled receptor 180 | Cytoplasm | other | pre-GC |
| -1.437 | 244434\_at | GPR82 | G protein-coupled receptor 82 | Plasma Membrane | G-protein coupled receptor | pre-GC |
| -1.164 | 226043\_at | GPSM1 | G protein signaling modulator 1 | Cytoplasm | other | pre-GC |
| -1.032 | 1559688\_at | GRAPL | GRB2 related adaptor protein like | Other | other | pre-GC |
| -1.255 | 1559923\_at | GRIK1 | glutamate ionotropic receptor kainate type subunit 1 | Plasma Membrane | ion channel | pre-GC |
| 2.686 | 204550\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | pre-GC |
| 2.419 | 215333\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | pre-GC |
| 2.4 | 204418\_x\_at | GSTM2 | glutathione S-transferase mu 2 | Cytoplasm | enzyme | pre-GC |
| 2.045 | 204149\_s\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | pre-GC |
| 2.124 | 210912\_x\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | pre-GC |
| -2.196 | 230376\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | pre-GC |
| -1.393 | 243985\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | pre-GC |
| -1.329 | 202451\_at | GTF2H1 | general transcription factor IIH subunit 1 | Nucleus | transcription regulator | pre-GC |
| 1.138 | 232821\_at | GTSF1L | gametocyte specific factor 1 like | Other | other | pre-GC |
| 1.031 | 202605\_at | GUSB | glucuronidase beta | Cytoplasm | enzyme | pre-GC |
| 1.029 | 233655\_s\_at | HAUS6 | HAUS augmin like complex subunit 6 | Cytoplasm | other | pre-GC |
| 2.213 | 204018\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | pre-GC |
| 2.245 | 217414\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | pre-GC |
| 2.404 | 209116\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | pre-GC |
| 2.12 | 211696\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | pre-GC |
| 2.253 | 217232\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | pre-GC |
| 2.076 | 204848\_x\_at | HBG1 | hemoglobin subunit gamma 1 | Cytoplasm | other | pre-GC |
| 2.408 | 204419\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | pre-GC |
| 2.282 | 213515\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | pre-GC |
| -1.327 | 206685\_at | HCG4 | HLA complex group 4 | Other | other | pre-GC |
| 1.23 | 208018\_s\_at | HCK | HCK proto-oncogene, Src family tyrosine kinase | Cytoplasm | kinase | pre-GC |
| -1.179 | 203259\_s\_at | HDDC2 | HD domain containing 2 | Cytoplasm | other | pre-GC |
| -2.316 | 209524\_at | HDGFL3 | HDGF like 3 | Nucleus | other | pre-GC |
| 2.035 | 1558103\_a\_at | HDGFL3 | HDGF like 3 | Nucleus | other | pre-GC |
| -1.463 | 223155\_at | HDHD2 | haloacid dehalogenase like hydrolase domain containing 2 | Cytoplasm | other | pre-GC |
| 3.468 | 219863\_at | HERC5 | HECT and RLD domain containing E3 ubiquitin protein ligase 5 | Cytoplasm | enzyme | pre-GC |
| 2.701 | 219352\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | pre-GC |
| 2.103 | 1563659\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | pre-GC |
| -1.16 | 225115\_at | HIPK2 | homeodomain interacting protein kinase 2 | Nucleus | kinase | pre-GC |
| -2.149 | 214469\_at | HIST1H2AE | histone cluster 1 H2A family member e | Nucleus | other | pre-GC |
| -1.664 | 214554\_at | HIST1H2AL | histone cluster 1 H2A family member l | Nucleus | other | pre-GC |
| -1.107 | 239975\_at | HLA-DPB2 | major histocompatibility complex, class II, DP beta 2 (pseudogene) | Other | other | pre-GC |
| -1.531 | 203290\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | pre-GC |
| 32.255 | 213831\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | pre-GC |
| 18.21 | 236203\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | pre-GC |
| 14.771 | 209480\_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | Plasma Membrane | other | pre-GC |
| -21.625 | 209728\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | pre-GC |
| -4.145 | 215666\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | pre-GC |
| -4.07 | 215669\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.167 | 1556097\_at | HOMER2 | homer scaffold protein 2 | Plasma Membrane | other | pre-GC |
| 1.151 | 206864\_s\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | pre-GC |
| 1.515 | 206865\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | pre-GC |
| 1.266 | 229552\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | pre-GC |
| 1.563 | 237187\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | pre-GC |
| 1.414 | 1566734\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | pre-GC |
| 1.825 | 227361\_at | HS3ST3B1 | heparan sulfate-glucosamine 3-sulfotransferase 3B1 | Cytoplasm | enzyme | pre-GC |
| -1.997 | 200799\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | pre-GC |
| 1.21 | 202581\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | pre-GC |
| 2.122 | 117\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | pre-GC |
| 2.284 | 213418\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | pre-GC |
| -1.112 | 210338\_s\_at | HSPA8 | heat shock protein family A (Hsp70) member 8 | Cytoplasm | enzyme | pre-GC |
| -1.589 | 236115\_at | HTR7P1 | 5-hydroxytryptamine receptor 7 pseudogene 1 | Other | other | pre-GC |
| 1.859 | 202411\_at | IFI27 | interferon alpha inducible protein 27 | Cytoplasm | other | pre-GC |
| 9.359 | 214059\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | pre-GC |
| 6.052 | 214453\_s\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | pre-GC |
| 8.45 | 204439\_at | IFI44L | interferon induced protein 44 like | Nucleus | other | pre-GC |
| 2.191 | 204415\_at | IFI6 | interferon alpha inducible protein 6 | Cytoplasm | other | pre-GC |
| 3.967 | 203153\_at | IFIT1 | interferon induced protein with tetratricopeptide repeats 1 | Cytoplasm | other | pre-GC |
| 2.683 | 204747\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | pre-GC |
| 5.33 | 229450\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | pre-GC |
| 3.073 | 201601\_x\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | pre-GC |
| 3.112 | 214022\_s\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.162 | 210354\_at | IFNG | interferon gamma | Extracellular Space | cytokine | pre-GC |
| -1.405 | 203627\_at | IGF1R | insulin like growth factor 1 receptor | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.375 | 1558438\_a\_at | IGHE | immunoglobulin heavy constant epsilon | Extracellular Space | other | pre-GC |
| 1.448 | 206618\_at | IL18R1 | interleukin 18 receptor 1 | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.339 | 206341\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.051 | 211269\_s\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.33 | 206693\_at | IL7 | interleukin 7 | Extracellular Space | cytokine | pre-GC |
| -1.415 | 213817\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | pre-GC |
| -2.484 | 1568830\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | pre-GC |
| 1.733 | 205483\_s\_at | ISG15 | ISG15 ubiquitin-like modifier | Extracellular Space | other | pre-GC |
| -2.261 | 201656\_at | ITGA6 | integrin subunit alpha 6 | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.765 | 202351\_at | ITGAV | integrin subunit alpha V | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.25 | 210184\_at | ITGAX | integrin subunit alpha X | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.555 | 202746\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | pre-GC |
| -1.436 | 202747\_s\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | pre-GC |
| 1.333 | 1562110\_at | IWS1 | IWS1, SUPT6H interacting protein | Nucleus | enzyme | pre-GC |
| -2.621 | 229127\_at | JAM2 | junctional adhesion molecule 2 | Plasma Membrane | other | pre-GC |
| -1.329 | 212592\_at | JCHAIN | joining chain of multimeric IgA and IgM | Extracellular Space | other | pre-GC |
| 1.294 | 220141\_at | JHY | junctional cadherin complex regulator | Other | other | pre-GC |
| 2.612 | 218418\_s\_at | KANK2 | KN motif and ankyrin repeat domains 2 | Nucleus | transcription regulator | pre-GC |
| -1.694 | 232094\_at | KATNBL1 | katanin regulatory subunit B1 like 1 | Nucleus | other | pre-GC |
| 1.046 | 214595\_at | KCNG1 | potassium voltage-gated channel modifier subfamily G member 1 | Plasma Membrane | ion channel | pre-GC |
| -1.372 | 237249\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | pre-GC |
| -1.369 | 244727\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | pre-GC |
| -1.042 | 214185\_at | KHDRBS1 | KH RNA binding domain containing, signal transduction associated 1 | Nucleus | transcription regulator | pre-GC |
| -1.039 | 202393\_s\_at | KLF10 | Kruppel like factor 10 | Nucleus | transcription regulator | pre-GC |
| -1.393 | 1564272\_a\_at | KLHDC1 | kelch domain containing 1 | Cytoplasm | other | pre-GC |
| -1.041 | 1560396\_at | KLHL6 | kelch like family member 6 | Other | other | pre-GC |
| -1.53 | 223250\_at | KLHL7 | kelch like family member 7 | Nucleus | other | pre-GC |
| 1.863 | 205821\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | pre-GC |
| 1.991 | 1555691\_a\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.352 | 200771\_at | LAMC1 | laminin subunit gamma 1 | Extracellular Space | other | pre-GC |
| -1.114 | 214039\_s\_at | LAPTM4B | lysosomal protein transmembrane 4 beta | Cytoplasm | other | pre-GC |
| -2.023 | 1563039\_at | LARGE-AS1 | LARGE antisense RNA 1 | Other | other | pre-GC |
| -1.312 | 221515\_s\_at | LCMT1 | leucine carboxyl methyltransferase 1 | Cytoplasm | enzyme | pre-GC |
| -1.275 | 205270\_s\_at | LCP2 | lymphocyte cytosolic protein 2 | Cytoplasm | other | pre-GC |
| -2.764 | 210712\_at | LDHAL6B | lactate dehydrogenase A like 6B | Cytoplasm | enzyme | pre-GC |
| -1.512 | 221558\_s\_at | LEF1 | lymphoid enhancer binding factor 1 | Nucleus | transcription regulator | pre-GC |
| 1.567 | 200923\_at | LGALS3BP | galectin 3 binding protein | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.358 | 210313\_at | LILRA4 | leukocyte immunoglobulin like receptor A4 | Plasma Membrane | other | pre-GC |
| 1.148 | 217892\_s\_at | LIMA1 | LIM domain and actin binding 1 | Cytoplasm | other | pre-GC |
| -1.308 | 212687\_at | LIMS1 | LIM zinc finger domain containing 1 | Plasma Membrane | other | pre-GC |
| 8.478 | 231455\_at | LINC00487 | long intergenic non-protein coding RNA 487 | Other | other | pre-GC |
| -1.461 | 236854\_at | LINC00494 | long intergenic non-protein coding RNA 494 | Other | other | pre-GC |
| 1.181 | 1560762\_at | LINC00996 | long intergenic non-protein coding RNA 996 | Other | other | pre-GC |
| -1.561 | 235174\_s\_at | LINC01003 | long intergenic non-protein coding RNA 1003 | Other | other | pre-GC |
| 1.234 | 236564\_at | LINC01128 | long intergenic non-protein coding RNA 1128 | Other | other | pre-GC |
| -1.591 | 1562742\_at | LINC01362 | long intergenic non-protein coding RNA 1362 | Other | other | pre-GC |
| -1.192 | 239287\_at | LINC01857 | long intergenic non-protein coding RNA 1857 | Other | other | pre-GC |
| 2.275 | 238632\_at | LINC02562 |  | Other | other | pre-GC |
| -1.353 | 230865\_at | LIX1 | limb and CNS expressed 1 | Other | other | pre-GC |
| 1.069 | 229537\_at | LMO4 | LIM domain only 4 | Nucleus | transcription regulator | pre-GC |
| -1.139 | 225717\_at | LNPK | lunapark, ER junction formation factor | Cytoplasm | other | pre-GC |
| -1.908 | 1556301\_at | LOC100287015 | uncharacterized LOC100287015 | Other | other | pre-GC |
| 1.066 | 235171\_at | LOC100505501 | uncharacterized LOC100505501 | Other | other | pre-GC |
| -1.162 | 243742\_at | LOC100505797 | myosin heavy chain IB-like | Other | other | pre-GC |
| -3.694 | 1568648\_a\_at | LOC100505851 | uncharacterized LOC100505851 | Other | other | pre-GC |
| -2.072 | 227985\_at | LOC100506098 | uncharacterized LOC100506098 | Other | other | pre-GC |
| -1.228 | 241535\_at | LOC101060391 | uncharacterized LOC101060391 | Other | other | pre-GC |
| -1.604 | 236075\_s\_at | LOC101928000 | uncharacterized LOC101928000 | Other | other | pre-GC |
| -2.381 | 1568898\_at | LOC101928140 | uncharacterized LOC101928140 | Other | other | pre-GC |
| -1.101 | 215565\_at | LOC101929272 | uncharacterized LOC101929272 | Other | other | pre-GC |
| 2.423 | 239988\_at | LOC102723458 | uncharacterized LOC102723458 | Other | other | pre-GC |
| -2.03 | 236453\_at | LOC105372733 | uncharacterized LOC105372733 | Other | other | pre-GC |
| 1.911 | 243754\_at | LOC105373098 | uncharacterized LOC105373098 | Other | other | pre-GC |
| 1.096 | 1556172\_at | LOC105374809 | uncharacterized LOC105374809 | Other | other | pre-GC |
| -1.134 | 1560637\_at | LOC105375839 | uncharacterized LOC105375839 | Other | other | pre-GC |
| 1.362 | 220609\_at | LOC202181 | SUMO interacting motifs containing 1 pseudogene | Other | other | pre-GC |
| -1.48 | 1562568\_at | LOC400541 | uncharacterized LOC400541 | Other | other | pre-GC |
| -1.146 | 1559459\_at | LOC613266 | uncharacterized LOC613266 | Other | other | pre-GC |
| 2.249 | 1561759\_at | LOC645513 | septin 7 pseudogene | Other | other | pre-GC |
| -2.036 | 236977\_at | LOC646588 | uncharacterized LOC646588 | Other | other | pre-GC |
| 1.023 | 226826\_at | LSM11 | LSM11, U7 small nuclear RNA associated | Nucleus | other | pre-GC |
| -1.074 | 221832\_s\_at | LUZP1 | leucine zipper protein 1 | Nucleus | other | pre-GC |
| -2.262 | 213975\_s\_at | LYZ | lysozyme | Extracellular Space | enzyme | pre-GC |
| -2.094 | 1555745\_a\_at | LYZ | lysozyme | Extracellular Space | enzyme | pre-GC |
| -1.129 | 235278\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | pre-GC |
| -1.022 | 1563209\_a\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | pre-GC |
| -1.123 | 226084\_at | MAP1B | microtubule associated protein 1B | Cytoplasm | other | pre-GC |
| 1.592 | 225540\_at | MAP2 | microtubule associated protein 2 | Plasma Membrane | other | pre-GC |
| -1.046 | 225662\_at | MAP3K20 | mitogen-activated protein kinase kinase kinase 20 | Cytoplasm | kinase | pre-GC |
| -1.584 | 228262\_at | MAP7D2 | MAP7 domain containing 2 | Other | other | pre-GC |
| -1.448 | 220145\_at | MAP9 | microtubule associated protein 9 | Cytoplasm | other | pre-GC |
| -1.407 | 221636\_s\_at | MARC2 | mitochondrial amidoxime reducing component 2 | Cytoplasm | enzyme | pre-GC |
| 1.225 | 225611\_at | MAST4 | microtubule associated serine/threonine kinase family member 4 | Other | kinase | pre-GC |
| 1.25 | 1564906\_at | MATR3 | matrin 3 | Nucleus | other | pre-GC |
| -2.104 | 214397\_at | MBD2 | methyl-CpG binding domain protein 2 | Nucleus | transcription regulator | pre-GC |
| -1.384 | 232298\_at | MBNL1-AS1 | MBNL1 antisense RNA 1 | Other | other | pre-GC |
| -1.264 | 206132\_at | MCC | MCC, WNT signaling pathway regulator | Cytoplasm | other | pre-GC |
| -1.266 | 232740\_at | MCM3AP-AS1 | MCM3AP antisense RNA 1 | Other | other | pre-GC |
| -1.68 | 211675\_s\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | pre-GC |
| 1.285 | 1559942\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | pre-GC |
| 1.113 | 1562731\_s\_at | MDS2 | myelodysplastic syndrome 2 translocation associated | Extracellular Space | other | pre-GC |
| 1.1 | 244611\_at | MED13 | mediator complex subunit 13 | Nucleus | transcription regulator | pre-GC |
| -1.224 | 219318\_x\_at | MED31 | mediator complex subunit 31 | Nucleus | other | pre-GC |
| -1.139 | 226869\_at | MEGF6 | multiple EGF like domains 6 | Cytoplasm | other | pre-GC |
| 1.091 | 227805\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | pre-GC |
| -1.683 | 1565755\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | pre-GC |
| -1.381 | 1565756\_a\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | pre-GC |
| -1.664 | 232533\_at | METTL8 | methyltransferase like 8 | Other | enzyme | pre-GC |
| -1.344 | 1554667\_s\_at | METTL8 | methyltransferase like 8 | Other | enzyme | pre-GC |
| 1.152 | 1552312\_a\_at | MFAP3 | microfibril associated protein 3 | Extracellular Space | other | pre-GC |
| 1.255 | 209758\_s\_at | MFAP5 | microfibril associated protein 5 | Extracellular Space | other | pre-GC |
| -1.064 | 1569136\_at | MGAT4A | alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | Cytoplasm | enzyme | pre-GC |
| 1.021 | 1558166\_at | MGC16275 | uncharacterized protein MGC16275 | Other | other | pre-GC |
| -1.164 | 212473\_s\_at | MICAL2 | microtubule associated monooxygenase, calponin and LIM domain containing 2 | Cytoplasm | enzyme | pre-GC |
| -1.31 | 238458\_at | MICU3 | mitochondrial calcium uptake family member 3 | Cytoplasm | other | pre-GC |
| -1.283 | 204594\_s\_at | MIEF1 | mitochondrial elongation factor 1 | Cytoplasm | other | pre-GC |
| -1.4 | 235428\_at | MINCR | MYC-induced long non-coding RNA | Other | other | pre-GC |
| -1.018 | 213708\_s\_at | MLX | MLX, MAX dimerization protein | Nucleus | transcription regulator | pre-GC |
| 1.595 | 209708\_at | MOXD1 | monooxygenase DBH like 1 | Cytoplasm | enzyme | pre-GC |
| -1.222 | 237158\_s\_at | MPHOSPH9 | M-phase phosphoprotein 9 | Cytoplasm | other | pre-GC |
| -1.136 | 218654\_s\_at | MRPS33 | mitochondrial ribosomal protein S33 | Cytoplasm | other | pre-GC |
| -2.811 | 230550\_at | MS4A6A | membrane spanning 4-domains A6A | Other | other | pre-GC |
| -1.409 | 242996\_at | MTRF1 | mitochondrial translation release factor 1 | Cytoplasm | translation regulator | pre-GC |
| -1.002 | 203517\_at | MTX2 | metaxin 2 | Cytoplasm | transporter | pre-GC |
| 2.22 | 202086\_at | MX1 | MX dynamin like GTPase 1 | Cytoplasm | enzyme | pre-GC |
| -1.268 | 203360\_s\_at | MYCBP | MYC binding protein | Nucleus | transcription regulator | pre-GC |
| -1.359 | 212365\_at | MYO1B | myosin IB | Cytoplasm | enzyme | pre-GC |
| 1.142 | 225301\_s\_at | MYO5B | myosin VB | Cytoplasm | enzyme | pre-GC |
| 1.077 | 1568805\_at | NCOA7 | nuclear receptor coactivator 7 | Nucleus | transcription regulator | pre-GC |
| 1.182 | 204162\_at | NDC80 | NDC80, kinetochore complex component | Nucleus | other | pre-GC |
| 1.192 | 236440\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | pre-GC |
| -1.519 | 1552736\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | pre-GC |
| -1.701 | 1562713\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | pre-GC |
| -1.655 | 222774\_s\_at | NETO2 | neuropilin and tolloid like 2 | Plasma Membrane | other | pre-GC |
| 1.025 | 244370\_at | NEXMIF | neurite extension and migration factor | Nucleus | enzyme | pre-GC |
| -1.556 | 210556\_at | NFATC3 | nuclear factor of activated T cells 3 | Nucleus | transcription regulator | pre-GC |
| -1.495 | 219418\_at | NHEJ1 | non-homologous end joining factor 1 | Nucleus | other | pre-GC |
| -1.916 | 223764\_x\_at | NIPSNAP3B | nipsnap homolog 3B | Other | other | pre-GC |
| 1.307 | 213915\_at | NKG7 | natural killer cell granule protein 7 | Plasma Membrane | other | pre-GC |
| -1.578 | 1558801\_at | NNT-AS1 | NNT antisense RNA 1 | Other | other | pre-GC |
| -1.28 | 223157\_at | NOA1 | nitric oxide associated 1 | Cytoplasm | other | pre-GC |
| 1.011 | 203023\_at | NOP16 | NOP16 nucleolar protein | Nucleus | other | pre-GC |
| -2.089 | 243996\_at | NPR2 | natriuretic peptide receptor 2 | Plasma Membrane | G-protein coupled receptor | pre-GC |
| 1.851 | 204105\_s\_at | NRCAM | neuronal cell adhesion molecule | Plasma Membrane | other | pre-GC |
| -1.523 | 1553994\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | pre-GC |
| -1.447 | 1553995\_a\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | pre-GC |
| -1.796 | 217540\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | pre-GC |
| -1.169 | 243011\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | pre-GC |
| -1.297 | 243606\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | pre-GC |
| 1.758 | 205552\_s\_at | OAS1 | 2'-5'-oligoadenylate synthetase 1 | Cytoplasm | enzyme | pre-GC |
| 2.016 | 228607\_at | OAS2 | 2'-5'-oligoadenylate synthetase 2 | Cytoplasm | enzyme | pre-GC |
| 2.93 | 218400\_at | OAS3 | 2'-5'-oligoadenylate synthetase 3 | Cytoplasm | enzyme | pre-GC |
| 2.032 | 205660\_at | OASL | 2'-5'-oligoadenylate synthetase like | Cytoplasm | enzyme | pre-GC |
| -1.357 | 216085\_at | OBSCN | obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF | Cytoplasm | kinase | pre-GC |
| 3.834 | 209925\_at | OCLN | occludin | Plasma Membrane | other | pre-GC |
| 2.145 | 227492\_at | OCLN | occludin | Plasma Membrane | other | pre-GC |
| 2.508 | 238327\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | pre-GC |
| 1.942 | 243934\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | pre-GC |
| -2.104 | 214705\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | pre-GC |
| -1.396 | 223681\_s\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | pre-GC |
| -2.315 | 227474\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | pre-GC |
| -1.733 | 228425\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | pre-GC |
| -1.394 | 1562481\_at | PCBP1-AS1 | PCBP1 antisense RNA 1 | Other | other | pre-GC |
| 1.104 | 205717\_x\_at | PCDHGC3 | protocadherin gamma subfamily C, 3 | Plasma Membrane | other | pre-GC |
| -1.081 | 204025\_s\_at | PDCD2 | programmed cell death 2 | Nucleus | other | pre-GC |
| -1.186 | 240088\_at | PDE5A | phosphodiesterase 5A | Cytoplasm | enzyme | pre-GC |
| -1.386 | 220236\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | pre-GC |
| -1.274 | 224904\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | pre-GC |
| -1.357 | 1570119\_at | PDS5B | PDS5 cohesin associated factor B | Nucleus | other | pre-GC |
| -1.007 | 230416\_at | PDZD8 | PDZ domain containing 8 | Extracellular Space | other | pre-GC |
| 2.113 | 202464\_s\_at | PFKFB3 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 | Cytoplasm | kinase | pre-GC |
| 2.15 | 239725\_at | PGAP1 | post-GPI attachment to proteins 1 | Cytoplasm | enzyme | pre-GC |
| -1.412 | 225366\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | pre-GC |
| -1.197 | 225367\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | pre-GC |
| -1.447 | 227947\_at | PHACTR2 | phosphatase and actin regulator 2 | Other | other | pre-GC |
| 1.149 | 242060\_x\_at | PHF11 | PHD finger protein 11 | Nucleus | other | pre-GC |
| -1.541 | 230098\_at | PHF20L1 | PHD finger protein 20 like 1 | Other | other | pre-GC |
| -1.798 | 1552291\_at | PIGX | phosphatidylinositol glycan anchor biosynthesis class X | Cytoplasm | other | pre-GC |
| -1.099 | 230673\_at | PKHD1L1 | PKHD1 like 1 | Extracellular Space | other | pre-GC |
| -1.049 | 227247\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | pre-GC |
| -1.491 | 1560556\_a\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | pre-GC |
| 1.151 | 209504\_s\_at | PLEKHB1 | pleckstrin homology domain containing B1 | Cytoplasm | other | pre-GC |
| -2.309 | 205871\_at | PLGLB1/PLGLB2 | plasminogen-like B2 | Extracellular Space | peptidase | pre-GC |
| -1.58 | 204938\_s\_at | PLN | phospholamban | Cytoplasm | transporter | pre-GC |
| 2.725 | 212230\_at | PLPP3 | phospholipid phosphatase 3 | Plasma Membrane | phosphatase | pre-GC |
| 2.043 | 202430\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | pre-GC |
| 2.3 | 202446\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | pre-GC |
| 2.181 | 244315\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | pre-GC |
| -1.256 | 234352\_x\_at | POLB | DNA polymerase beta | Nucleus | enzyme | pre-GC |
| -1.39 | 232181\_at | PPARGC1B | PPARG coactivator 1 beta | Nucleus | transcription regulator | pre-GC |
| -5.911 | 214146\_s\_at | PPBP | pro-platelet basic protein | Extracellular Space | cytokine | pre-GC |
| -1.037 | 200975\_at | PPT1 | palmitoyl-protein thioesterase 1 | Cytoplasm | enzyme | pre-GC |
| -1.346 | 228964\_at | PRDM1 | PR/SET domain 1 | Nucleus | transcription regulator | pre-GC |
| -1.206 | 229687\_s\_at | PRDM11 | PR/SET domain 11 | Other | other | pre-GC |
| -1.369 | 39729\_at | PRDX2 | peroxiredoxin 2 | Cytoplasm | enzyme | pre-GC |
| -1.129 | 236513\_at | PRELID2 | PRELI domain containing 2 | Cytoplasm | other | pre-GC |
| -1.125 | 205053\_at | PRIM1 | DNA primase subunit 1 | Nucleus | enzyme | pre-GC |
| -1.274 | 209678\_s\_at | PRKCI | protein kinase C iota | Cytoplasm | kinase | pre-GC |
| -1.9 | 235987\_at | PRKXP1 | PRKX pseudogene 1 | Other | other | pre-GC |
| -2.94 | 228273\_at | PRR11 | proline rich 11 | Other | other | pre-GC |
| -1.527 | 1555486\_a\_at | PRR5L | proline rich 5 like | Cytoplasm | other | pre-GC |
| -1.195 | 232490\_s\_at | PRUNE1 | prune exopolyphosphatase 1 | Nucleus | enzyme | pre-GC |
| -1.164 | 238425\_at | PSMB2 | proteasome subunit beta 2 | Cytoplasm | peptidase | pre-GC |
| -1.218 | 208827\_at | PSMB6 | proteasome subunit beta 6 | Nucleus | peptidase | pre-GC |
| 1.285 | 221840\_at | PTPRE | protein tyrosine phosphatase, receptor type E | Plasma Membrane | phosphatase | pre-GC |
| 1.079 | 229465\_s\_at | PTPRS | protein tyrosine phosphatase, receptor type S | Plasma Membrane | phosphatase | pre-GC |
| 1.128 | 219622\_at | RAB20 | RAB20, member RAS oncogene family | Cytoplasm | enzyme | pre-GC |
| 1.177 | 215070\_x\_at | RABGAP1 | RAB GTPase activating protein 1 | Cytoplasm | other | pre-GC |
| -1.227 | 224200\_s\_at | RAD18 | RAD18, E3 ubiquitin protein ligase | Nucleus | other | pre-GC |
| -1.429 | 201222\_s\_at | RAD23B | RAD23 homolog B, nucleotide excision repair protein | Nucleus | other | pre-GC |
| -1.042 | 230294\_at | RALY-AS1 | RALY antisense RNA 1 | Other | other | pre-GC |
| 1.07 | 204680\_s\_at | RAPGEF5 | Rap guanine nucleotide exchange factor 5 | Nucleus | other | pre-GC |
| 1.588 | 229147\_at | RASSF6 | Ras association domain family member 6 | Other | other | pre-GC |
| 1.035 | 209487\_at | RBPMS | RNA binding protein, mRNA processing factor | Cytoplasm | transcription regulator | pre-GC |
| 1.204 | 228802\_at | RBPMS2 | RNA binding protein, mRNA processing factor 2 | Cytoplasm | other | pre-GC |
| -1.183 | 217775\_s\_at | RDH11 | retinol dehydrogenase 11 | Cytoplasm | enzyme | pre-GC |
| -1.173 | 1559190\_s\_at | RDH13 | retinol dehydrogenase 13 | Cytoplasm | enzyme | pre-GC |
| 2.249 | 229536\_at | REC8 | REC8 meiotic recombination protein | Nucleus | other | pre-GC |
| -1.072 | 203224\_at | RFK | riboflavin kinase | Cytoplasm | kinase | pre-GC |
| 1.576 | 218723\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | pre-GC |
| 1.247 | 228193\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | pre-GC |
| 1.204 | 239827\_at | RGCC | regulator of cell cycle | Cytoplasm | other | pre-GC |
| -1.274 | 242450\_at | RGMB | repulsive guidance molecule BMP co-receptor b | Plasma Membrane | other | pre-GC |
| -1.492 | 235597\_s\_at | RGPD4 (includes others) | RANBP2-like and GRIP domain containing 5 | Nucleus | enzyme | pre-GC |
| 2.539 | 1568752\_s\_at | RGS13 | regulator of G protein signaling 13 | Nucleus | other | pre-GC |
| -1.057 | 216970\_at | RGS7 | regulator of G protein signaling 7 | Cytoplasm | enzyme | pre-GC |
| -1.371 | 202975\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | pre-GC |
| -2.249 | 202976\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | pre-GC |
| -1.434 | 216048\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | pre-GC |
| -1.359 | 225202\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | pre-GC |
| 2.115 | 209684\_at | RIN2 | Ras and Rab interactor 2 | Cytoplasm | other | pre-GC |
| -1.292 | 213189\_at | RIOX2 | ribosomal oxygenase 2 | Nucleus | enzyme | pre-GC |
| 1.094 | 201823\_s\_at | RNF14 | ring finger protein 14 | Cytoplasm | transcription regulator | pre-GC |
| 2.04 | 204040\_at | RNF144A | ring finger protein 144A | Nucleus | enzyme | pre-GC |
| 2.059 | 233880\_at | RNF213 | ring finger protein 213 | Cytoplasm | enzyme | pre-GC |
| 1.155 | 223824\_at | RNLS | renalase, FAD dependent amine oxidase | Extracellular Space | enzyme | pre-GC |
| -1.705 | 1568782\_at | RP2 | RP2, ARL3 GTPase activating protein | Cytoplasm | enzyme | pre-GC |
| 1.007 | 240806\_at | RPL15 | ribosomal protein L15 | Cytoplasm | other | pre-GC |
| 1.267 | 223707\_at | RPL27A | ribosomal protein L27a | Cytoplasm | other | pre-GC |
| -1.091 | 215249\_at | RPL35A | ribosomal protein L35a | Cytoplasm | other | pre-GC |
| 1.743 | 211690\_at | RPS6 | ribosomal protein S6 | Cytoplasm | other | pre-GC |
| 3.294 | 213797\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | pre-GC |
| 4.503 | 242625\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | pre-GC |
| 1.514 | 1556472\_s\_at | SCML4 | Scm polycomb group protein like 4 | Nucleus | other | pre-GC |
| -1.634 | 236520\_at | SDCBP2-AS1 | SDCBP2 antisense RNA 1 | Other | other | pre-GC |
| -1.773 | 238465\_at | SETD9 | SET domain containing 9 | Nucleus | enzyme | pre-GC |
| 2.151 | 227210\_at | SFMBT2 | Scm like with four mbt domains 2 | Nucleus | other | pre-GC |
| -1.571 | 33323\_r\_at | SFN | stratifin | Cytoplasm | other | pre-GC |
| 1.098 | 205120\_s\_at | SGCB | sarcoglycan beta | Plasma Membrane | other | pre-GC |
| -1.556 | 235425\_at | SGO2 | shugoshin 2 | Nucleus | other | pre-GC |
| -1.258 | 221268\_s\_at | SGPP1 | sphingosine-1-phosphate phosphatase 1 | Cytoplasm | phosphatase | pre-GC |
| -1.188 | 224817\_at | SH3PXD2A | SH3 and PX domains 2A | Cytoplasm | other | pre-GC |
| 1.232 | 219519\_s\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | pre-GC |
| 1.246 | 44673\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | pre-GC |
| -1.046 | 219159\_s\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | pre-GC |
| 1.255 | 222838\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | pre-GC |
| -1.098 | 210423\_s\_at | SLC11A1 | solute carrier family 11 member 1 | Plasma Membrane | transporter | pre-GC |
| 1.351 | 219874\_at | SLC12A8 | solute carrier family 12 member 8 | Other | transporter | pre-GC |
| -1.013 | 202236\_s\_at | SLC16A1 | solute carrier family 16 member 1 | Plasma Membrane | transporter | pre-GC |
| 2.105 | 1568813\_at | SLC16A1-AS1 | SLC16A1 antisense RNA 1 | Other | other | pre-GC |
| -1.105 | 238029\_s\_at | SLC16A14 | solute carrier family 16 member 14 | Other | other | pre-GC |
| -1.544 | 230003\_at | SLC16A7 | solute carrier family 16 member 7 | Plasma Membrane | transporter | pre-GC |
| -1.36 | 209003\_at | SLC25A11 | solute carrier family 25 member 11 | Cytoplasm | transporter | pre-GC |
| -1.886 | 243231\_at | SLC38A11 | solute carrier family 38 member 11 | Other | transporter | pre-GC |
| -1.521 | 212110\_at | SLC39A14 | solute carrier family 39 member 14 | Plasma Membrane | transporter | pre-GC |
| -1.037 | 1556551\_s\_at | SLC39A6 | solute carrier family 39 member 6 | Plasma Membrane | transporter | pre-GC |
| -1.239 | 220984\_s\_at | SLCO5A1 | solute carrier organic anion transporter family member 5A1 | Other | transporter | pre-GC |
| 1.671 | 230383\_x\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | pre-GC |
| 2.039 | 243999\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | pre-GC |
| 1.706 | 1553055\_a\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | pre-GC |
| -1.039 | 235451\_at | SMAD5 | SMAD family member 5 | Nucleus | transcription regulator | pre-GC |
| -1.087 | 239084\_at | SNAP29 | synaptosome associated protein 29 | Cytoplasm | transporter | pre-GC |
| -1.291 | 228049\_x\_at | SNHG19 | small nucleolar RNA host gene 19 | Other | other | pre-GC |
| -1.323 | 239823\_at | SNHG26 |  | Other | other | pre-GC |
| -1.704 | 1566403\_at | SNORA68 | small nucleolar RNA, H/ACA box 68 | Other | other | pre-GC |
| -2.129 | 1567679\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | pre-GC |
| -1.914 | 1567681\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | pre-GC |
| -1.984 | 1567682\_x\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | pre-GC |
| 1.078 | 208608\_s\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | pre-GC |
| 1.374 | 214708\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | pre-GC |
| -1.155 | 226685\_at | SNTB2 | syntrophin beta 2 | Plasma Membrane | other | pre-GC |
| -1.121 | 201417\_at | SOX4 | SRY-box 4 | Nucleus | transcription regulator | pre-GC |
| 1.949 | 207336\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | pre-GC |
| 2.581 | 238009\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | pre-GC |
| 1.997 | 238285\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | pre-GC |
| -1.594 | 228698\_at | SOX7 | SRY-box 7 | Nucleus | transcription regulator | pre-GC |
| -2.499 | 238459\_x\_at | SPATA6 | spermatogenesis associated 6 | Cytoplasm | other | pre-GC |
| -1.08 | 219583\_s\_at | SPATA7 | spermatogenesis associated 7 | Cytoplasm | other | pre-GC |
| -1.086 | 202104\_s\_at | SPG7 | SPG7, paraplegin matrix AAA peptidase subunit | Cytoplasm | peptidase | pre-GC |
| 1.081 | 219205\_at | SRR | serine racemase | Cytoplasm | enzyme | pre-GC |
| 2.015 | AFFX-HUMISGF3A/M97935\_MA\_at | STAT1 | signal transducer and activator of transcription 1 | Nucleus | transcription regulator | pre-GC |
| -1.061 | 212009\_s\_at | STIP1 | stress induced phosphoprotein 1 | Cytoplasm | other | pre-GC |
| -1.194 | 242989\_at | STRN | striatin | Cytoplasm | other | pre-GC |
| -2.026 | 214169\_at | SUN1 | Sad1 and UNC84 domain containing 1 | Nucleus | other | pre-GC |
| -1.118 | 203998\_s\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | pre-GC |
| 1.198 | 203999\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | pre-GC |
| 1.116 | 209198\_s\_at | SYT11 | synaptotagmin 11 | Cytoplasm | transporter | pre-GC |
| -1.894 | 229053\_at | SYT17 | synaptotagmin 17 | Plasma Membrane | other | pre-GC |
| -1.063 | 201463\_s\_at | TALDO1 | transaldolase 1 | Cytoplasm | enzyme | pre-GC |
| -1.628 | 244272\_s\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | pre-GC |
| -1.643 | 1553132\_a\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | pre-GC |
| 2.468 | 237749\_at | TCF4-AS1 | TCF4 antisense RNA 1 | Other | other | pre-GC |
| -1.067 | 222010\_at | TCP1 | t-complex 1 | Cytoplasm | other | pre-GC |
| -2.183 | 230380\_at | THAP2 | THAP domain containing 2 | Nucleus | transcription regulator | pre-GC |
| 1.029 | 235086\_at | THBS1 | thrombospondin 1 | Extracellular Space | other | pre-GC |
| 2.236 | 207571\_x\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | pre-GC |
| 2.194 | 210785\_s\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | pre-GC |
| -1.626 | 228716\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | pre-GC |
| -1.89 | 229657\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | pre-GC |
| 1.096 | 201147\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | pre-GC |
| -1.141 | 201150\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | pre-GC |
| -1.163 | 221096\_s\_at | TMCO6 | transmembrane and coiled-coil domains 6 | Other | other | pre-GC |
| -1.545 | 224495\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | pre-GC |
| -1.114 | 224496\_s\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | pre-GC |
| -1.095 | 235490\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | pre-GC |
| -1.137 | 235798\_at | TMEM170B | transmembrane protein 170B | Plasma Membrane | other | pre-GC |
| -2.091 | 219315\_s\_at | TMEM204 | transmembrane protein 204 | Plasma Membrane | other | pre-GC |
| -2.029 | 228372\_at | TMEM273 | transmembrane protein 273 | Other | other | pre-GC |
| -1.115 | 1561890\_at | TMEM273 | transmembrane protein 273 | Other | other | pre-GC |
| -1.614 | 237515\_at | TMEM56 | transmembrane protein 56 | Other | other | pre-GC |
| -1.104 | 238429\_at | TMEM71 | transmembrane protein 71 | Cytoplasm | other | pre-GC |
| 1.013 | 242316\_at | TMOD3 | tropomodulin 3 | Cytoplasm | other | pre-GC |
| -1.255 | 226604\_at | TMTC3 | transmembrane and tetratricopeptide repeat containing 3 | Cytoplasm | other | pre-GC |
| 2.051 | 214581\_x\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | pre-GC |
| 2.175 | 218856\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | pre-GC |
| -1.259 | 206907\_at | TNFSF9 | TNF superfamily member 9 | Plasma Membrane | cytokine | pre-GC |
| -1.46 | 225036\_at | TOMM5 | translocase of outer mitochondrial membrane 5 | Cytoplasm | other | pre-GC |
| 1.23 | 204529\_s\_at | TOX | thymocyte selection associated high mobility group box | Nucleus | transcription regulator | pre-GC |
| 1.527 | 228737\_at | TOX2 | TOX high mobility group box family member 2 | Nucleus | transcription regulator | pre-GC |
| 1.043 | 238494\_at | TRAF3IP1 | TRAF3 interacting protein 1 | Cytoplasm | other | pre-GC |
| -2.072 | 1559681\_a\_at | TRIM16L | tripartite motif containing 16 like | Other | other | pre-GC |
| 1.081 | 223384\_s\_at | TRIM4 | tripartite motif containing 4 | Cytoplasm | other | pre-GC |
| -1.223 | 227801\_at | TRIM59 | tripartite motif containing 59 | Cytoplasm | enzyme | pre-GC |
| -1.595 | 219581\_at | TSEN2 | tRNA splicing endonuclease subunit 2 | Cytoplasm | enzyme | pre-GC |
| -1.594 | 220623\_s\_at | TSGA10 | testis specific 10 | Cytoplasm | other | pre-GC |
| -1.075 | 1555932\_at | TSGA10 | testis specific 10 | Cytoplasm | other | pre-GC |
| -1.413 | 239042\_at | TSR1 | TSR1, ribosome maturation factor | Nucleus | other | pre-GC |
| -1.035 | 244839\_at | TTN | titin | Cytoplasm | kinase | pre-GC |
| -1.144 | 230690\_at | TUBB1 | tubulin beta 1 class VI | Cytoplasm | other | pre-GC |
| 1.414 | 209191\_at | TUBB6 | tubulin beta 6 class V | Cytoplasm | other | pre-GC |
| 1.197 | 228397\_at | TUG1 | taurine up-regulated 1 | Other | other | pre-GC |
| 2.125 | 217497\_at | TYMP | thymidine phosphorylase | Extracellular Space | growth factor | pre-GC |
| -1.095 | 239792\_at | UBL7-AS1 | UBL7 antisense RNA 1 (head to head) | Other | other | pre-GC |
| -1.166 | 228956\_at | UGT8 | UDP glycosyltransferase 8 | Cytoplasm | enzyme | pre-GC |
| 2.05 | 230655\_at | ULBP3 | UL16 binding protein 3 | Plasma Membrane | transmembrane receptor | pre-GC |
| 4.383 | 219211\_at | USP18 | ubiquitin specific peptidase 18 | Cytoplasm | peptidase | pre-GC |
| -1.027 | 226669\_at | USP42 | ubiquitin specific peptidase 42 | Nucleus | peptidase | pre-GC |
| -2.293 | 231817\_at | USP53 | ubiquitin specific peptidase 53 | Extracellular Space | enzyme | pre-GC |
| -1.136 | 211760\_s\_at | VAMP4 | vesicle associated membrane protein 4 | Cytoplasm | other | pre-GC |
| -1.149 | 202829\_s\_at | VAMP7 | vesicle associated membrane protein 7 | Cytoplasm | transporter | pre-GC |
| 1.177 | 208844\_at | VDAC3 | voltage dependent anion channel 3 | Cytoplasm | ion channel | pre-GC |
| -1.281 | 224881\_at | VKORC1L1 | vitamin K epoxide reductase complex subunit 1 like 1 | Cytoplasm | enzyme | pre-GC |
| -1.063 | 210102\_at | VWA5A | von Willebrand factor A domain containing 5A | Nucleus | other | pre-GC |
| -1.97 | 1552430\_at | WDR17 | WD repeat domain 17 | Other | other | pre-GC |
| -2.287 | 239680\_at | WDR76 | WD repeat domain 76 | Nucleus | other | pre-GC |
| -1.059 | 213908\_at | WHAMMP3 | WAS protein homolog associated with actin, golgi membranes and microtubules pseudogene 3 | Other | other | pre-GC |
| -2.738 | 229103\_at | WNT3 | Wnt family member 3 | Extracellular Space | other | pre-GC |
| 2.492 | 206133\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | pre-GC |
| 2.63 | 228617\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | pre-GC |
| 2.948 | 242234\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | pre-GC |
| -1.159 | 227421\_at | YBEY | ybeY metalloendoribonuclease | Cytoplasm | other | pre-GC |
| -1.3 | 236559\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | pre-GC |
| -1.394 | 242325\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | pre-GC |
| 1.586 | 219836\_at | ZBED2 | zinc finger BED-type containing 2 | Other | other | pre-GC |
| -1.78 | 1560197\_at | ZC2HC1A | zinc finger C2HC-type containing 1A | Other | other | pre-GC |
| -1.193 | 232911\_at | ZFP14 | ZFP14 zinc finger protein | Nucleus | transcription regulator | pre-GC |
| -1.146 | 1562303\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | pre-GC |
| -1.188 | 1562305\_x\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | pre-GC |
| 2.054 | 1554158\_at | ZMYND11 | zinc finger MYND-type containing 11 | Nucleus | transcription regulator | pre-GC |
| 1.058 | 207417\_s\_at | ZNF177 | zinc finger protein 177 | Nucleus | transcription regulator | pre-GC |
| 1.046 | 208542\_x\_at | ZNF208 | zinc finger protein 208 | Nucleus | transcription regulator | pre-GC |
| -1.255 | 229360\_at | ZNF280B | zinc finger protein 280B | Nucleus | transcription regulator | pre-GC |
| -1.029 | 1568951\_at | ZNF280D | zinc finger protein 280D | Other | other | pre-GC |
| -1.057 | 1553612\_at | ZNF354B | zinc finger protein 354B | Other | other | pre-GC |
| 1.205 | 234844\_at | ZNF407 | zinc finger protein 407 | Nucleus | transcription regulator | pre-GC |
| -1.4 | 205928\_at | ZNF443 | zinc finger protein 443 | Nucleus | transcription regulator | pre-GC |
| 1.291 | 213124\_at | ZNF473 | zinc finger protein 473 | Nucleus | other | pre-GC |
| 2.107 | 232228\_at | ZNF530 | zinc finger protein 530 | Other | other | pre-GC |
| 2.026 | 1553286\_at | ZNF555 | zinc finger protein 555 | Other | other | pre-GC |
| 2.606 | 227952\_at | ZNF595 | zinc finger protein 595 | Nucleus | transcription regulator | pre-GC |
| -1.28 | 232272\_at | ZNF624 | zinc finger protein 624 | Nucleus | transcription regulator | pre-GC |
| -1.833 | 1552785\_at | ZNF781 | zinc finger protein 781 | Other | other | pre-GC |
| 1.175 | 215767\_at | ZNF804A | zinc finger protein 804A | Plasma Membrane | other | pre-GC |
| 1.138 | 243618\_s\_at | ZNF827 | zinc finger protein 827 | Other | other | pre-GC |
| -1.339 | 1569157\_s\_at | ZNF846 | zinc finger protein 846 | Other | other | pre-GC |
| 1.139 | 232315\_at | ZNF880 | zinc finger protein 880 | Other | other | pre-GC |
| -1.175 | 239538\_at | ZRANB3 | zinc finger RANBP2-type containing 3 | Nucleus | enzyme | pre-GC |
| -1.06 | 209600\_s\_at | ACOX1 | acyl-CoA oxidase 1 | Cytoplasm | enzyme | memory |
| 1.352 | 204241\_at | ACOX3 | acyl-CoA oxidase 3, pristanoyl | Cytoplasm | enzyme | memory |
| 1.128 | 213808\_at | ADAM23 | ADAM metallopeptidase domain 23 | Plasma Membrane | peptidase | memory |
| -1.32 | 237213\_at | ADNP-AS1 | ADNP antisense RNA 1 | Other | other | memory |
| -1.159 | 206170\_at | ADRB2 | adrenoceptor beta 2 | Plasma Membrane | G-protein coupled receptor | memory |
| -1.613 | 238871\_at | AFDN | afadin, adherens junction formation factor | Nucleus | other | memory |
| 1.064 | 206513\_at | AIM2 | absent in melanoma 2 | Cytoplasm | other | memory |
| 1.021 | 205633\_s\_at | ALAS1 | 5'-aminolevulinate synthase 1 | Cytoplasm | enzyme | memory |
| -1.07 | 202054\_s\_at | ALDH3A2 | aldehyde dehydrogenase 3 family member A2 | Cytoplasm | enzyme | memory |
| -1.205 | 214221\_at | ALMS1 | ALMS1, centrosome and basal body associated protein | Cytoplasm | other | memory |
| 1.104 | 1555731\_a\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | memory |
| -1.251 | 1555733\_s\_at | AP1S3 | adaptor related protein complex 1 subunit sigma 3 | Cytoplasm | transporter | memory |
| 4.779 | 210873\_x\_at | APOBEC3A | apolipoprotein B mRNA editing enzyme catalytic subunit 3A | Cytoplasm | enzyme | memory |
| -1.33 | 238126\_at | APTR | Alu-mediated CDKN1A/p21 transcriptional regulator | Other | other | memory |
| -1.327 | 229648\_at | ARHGAP32 | Rho GTPase activating protein 32 | Cytoplasm | other | memory |
| -1.541 | 233621\_s\_at | ARHGEF12 | Rho guanine nucleotide exchange factor 12 | Cytoplasm | other | memory |
| -1.034 | 241631\_at | ARHGEF40 | Rho guanine nucleotide exchange factor 40 | Other | other | memory |
| 1.311 | 1562270\_at | ARHGEF7 | Rho guanine nucleotide exchange factor 7 | Cytoplasm | other | memory |
| -1.421 | 229028\_s\_at | ARL17A/ARL17B | ADP ribosylation factor like GTPase 17A | Other | other | memory |
| -1.339 | 223735\_at | ARL6 | ADP ribosylation factor like GTPase 6 | Cytoplasm | transporter | memory |
| 1.232 | 228027\_at | ARMCX5-GPRASP2/GPRASP2 | G protein-coupled receptor associated sorting protein 2 | Plasma Membrane | other | memory |
| -1.037 | 225283\_at | ARRDC4 | arrestin domain containing 4 | Plasma Membrane | other | memory |
| -1.086 | 226941\_at | ATF6 | activating transcription factor 6 | Cytoplasm | transcription regulator | memory |
| 1.368 | 227083\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | memory |
| -1.417 | 227100\_at | B3GLCT | beta 3-glucosyltransferase | Cytoplasm | enzyme | memory |
| 1.039 | 222446\_s\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | memory |
| -1.162 | 227051\_at | BACE2 | beta-secretase 2 | Cytoplasm | peptidase | memory |
| -1.718 | 227372\_s\_at | BAIAP2L1 | BAI1 associated protein 2 like 1 | Cytoplasm | other | memory |
| -1.056 | 1555555\_at | BBS9 | Bardet-Biedl syndrome 9 | Extracellular Space | other | memory |
| -1.191 | 1560977\_a\_at | BCL2L13 | BCL2 like 13 | Cytoplasm | other | memory |
| 1.627 | 229963\_at | BEX5 | brain expressed X-linked 5 | Cytoplasm | other | memory |
| -1.417 | 209203\_s\_at | BICD2 | BICD cargo adaptor 2 | Cytoplasm | other | memory |
| -1.009 | 204493\_at | BID | BH3 interacting domain death agonist | Cytoplasm | other | memory |
| 1.08 | 229589\_x\_at | BIVM | basic, immunoglobulin-like variable motif containing | Extracellular Space | other | memory |
| -1.319 | 226543\_at | BLOC1S5 | biogenesis of lysosomal organelles complex 1 subunit 5 | Extracellular Space | other | memory |
| -1.863 | 213578\_at | BMPR1A | bone morphogenetic protein receptor type 1A | Plasma Membrane | kinase | memory |
| -1.186 | 231873\_at | BMPR2 | bone morphogenetic protein receptor type 2 | Plasma Membrane | kinase | memory |
| 1.098 | 232103\_at | BPNT1 | 3'(2'), 5'-bisphosphate nucleotidase 1 | Nucleus | phosphatase | memory |
| 1.273 | 214727\_at | BRCA2 | BRCA2, DNA repair associated | Nucleus | transcription regulator | memory |
| -1.374 | 228434\_at | BTNL9 | butyrophilin like 9 | Plasma Membrane | other | memory |
| 1.084 | 222785\_x\_at | C11orf1 | chromosome 11 open reading frame 1 | Nucleus | other | memory |
| -1.401 | 218546\_at | C1orf115 | chromosome 1 open reading frame 115 | Other | other | memory |
| -1.289 | 218983\_at | C1RL | complement C1r subcomponent like | Extracellular Space | peptidase | memory |
| 1.037 | 1568658\_at | C2orf74 | chromosome 2 open reading frame 74 | Other | other | memory |
| 1.322 | 232270\_at | C9orf3 | chromosome 9 open reading frame 3 | Cytoplasm | peptidase | memory |
| -1.284 | 1559419\_at | CACNB2 | calcium voltage-gated channel auxiliary subunit beta 2 | Plasma Membrane | ion channel | memory |
| -2.472 | 218309\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | memory |
| -3.371 | 229163\_at | CAMK2N1 | calcium/calmodulin dependent protein kinase II inhibitor 1 | Plasma Membrane | kinase | memory |
| 1.152 | 1552701\_a\_at | CARD16 | caspase recruitment domain family member 16 | Other | other | memory |
| 1.316 | 1570197\_at | CCDC194 |  | Other | other | memory |
| 2.298 | 204103\_at | CCL4 | C-C motif chemokine ligand 4 | Extracellular Space | cytokine | memory |
| -1.169 | 1569353\_at | CCP110 | centriolar coiled-coil protein 110 | Cytoplasm | other | memory |
| -1.113 | 201326\_at | CCT6A | chaperonin containing TCP1 subunit 6A | Cytoplasm | other | memory |
| -1.947 | 205987\_at | CD1C | CD1c molecule | Plasma Membrane | other | memory |
| 1.126 | 206150\_at | CD27 | CD27 molecule | Plasma Membrane | transmembrane receptor | memory |
| -1.247 | 209933\_s\_at | CD300A | CD300a molecule | Plasma Membrane | transmembrane receptor | memory |
| -1.035 | 200663\_at | CD63 | CD63 molecule | Plasma Membrane | other | memory |
| -1.198 | 1555689\_at | CD80 | CD80 molecule | Plasma Membrane | transmembrane receptor | memory |
| 1.206 | 206761\_at | CD96 | CD96 molecule | Plasma Membrane | other | memory |
| 1.134 | 1555120\_at | CD96 | CD96 molecule | Plasma Membrane | other | memory |
| -1.301 | 239247\_at | CD99P1 | CD99 molecule pseudogene 1 | Plasma Membrane | other | memory |
| -1.305 | 1554489\_a\_at | CEP70 | centrosomal protein 70 | Cytoplasm | other | memory |
| -1.177 | 1559051\_s\_at | CGAS | cyclic GMP-AMP synthase | Cytoplasm | enzyme | memory |
| -1.135 | 238075\_at | CHEK1 | checkpoint kinase 1 | Nucleus | kinase | memory |
| -1.438 | 204591\_at | CHL1 | cell adhesion molecule L1 like | Plasma Membrane | other | memory |
| -1.174 | 208424\_s\_at | CIAPIN1 | cytokine induced apoptosis inhibitor 1 | Cytoplasm | other | memory |
| -1.127 | 226686\_at | CISD2 | CDGSH iron sulfur domain 2 | Cytoplasm | other | memory |
| -1.157 | 200998\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | memory |
| -1.056 | 200999\_s\_at | CKAP4 | cytoskeleton associated protein 4 | Cytoplasm | other | memory |
| 1.171 | 1555687\_a\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | memory |
| 1.185 | 1552552\_s\_at | CLEC4C | C-type lectin domain family 4 member C | Plasma Membrane | other | memory |
| 3.053 | 226702\_at | CMPK2 | cytidine/uridine monophosphate kinase 2 | Cytoplasm | kinase | memory |
| -1.828 | 201445\_at | CNN3 | calponin 3 | Cytoplasm | other | memory |
| -3.816 | 228297\_at | CNN3 | calponin 3 | Cytoplasm | other | memory |
| 1.021 | 209796\_s\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | memory |
| 1.011 | 209797\_at | CNPY2 | canopy FGF signaling regulator 2 | Plasma Membrane | other | memory |
| -1.276 | 214641\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | memory |
| -1.385 | 216893\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | memory |
| -1.296 | 216898\_s\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | memory |
| -1.414 | 222073\_at | COL4A3 | collagen type IV alpha 3 chain | Extracellular Space | other | memory |
| -1.306 | 203551\_s\_at | COX11 | cytochrome c oxidase copper chaperone COX11 | Cytoplasm | enzyme | memory |
| -1.187 | 228728\_at | CPED1 | cadherin like and PC-esterase domain containing 1 | Cytoplasm | other | memory |
| -2.201 | 235019\_at | CPM | carboxypeptidase M | Plasma Membrane | peptidase | memory |
| 1.064 | 229228\_at | CREB5 | cAMP responsive element binding protein 5 | Nucleus | transcription regulator | memory |
| -1.258 | 201200\_at | CREG1 | cellular repressor of E1A stimulated genes 1 | Nucleus | transcription regulator | memory |
| 1.9 | 209967\_s\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | memory |
| 1.619 | 214508\_x\_at | CREM | cAMP responsive element modulator | Nucleus | transcription regulator | memory |
| 1.48 | 206777\_s\_at | CRYBB2 | crystallin beta B2 | Other | other | memory |
| -1.053 | 221260\_s\_at | CSRNP2 | cysteine and serine rich nuclear protein 2 | Nucleus | transcription regulator | memory |
| 1.855 | 210140\_at | CST7 | cystatin F | Extracellular Space | other | memory |
| 2.273 | 209975\_at | CYP2E1 | cytochrome P450 family 2 subfamily E member 1 | Cytoplasm | enzyme | memory |
| 1.102 | 214235\_at | CYP3A5 | cytochrome P450 family 3 subfamily A member 5 | Cytoplasm | enzyme | memory |
| 1.385 | 225799\_at | CYTOR | cytoskeleton regulator RNA | Other | other | memory |
| -1.238 | 239376\_at | DCLRE1C | DNA cross-link repair 1C | Nucleus | enzyme | memory |
| 1.071 | 235436\_at | DDX31 | DEAD-box helicase 31 | Nucleus | enzyme | memory |
| 1.767 | 218986\_s\_at | DDX60 | DExD/H-box helicase 60 | Cytoplasm | enzyme | memory |
| 1.233 | 228032\_s\_at | DENND1B | DENN domain containing 1B | Other | other | memory |
| 1.191 | 244784\_at | DHX57 | DExH-box helicase 57 | Extracellular Space | other | memory |
| -1.192 | 210801\_at | DIMT1 | DIM1 dimethyladenosine transferase 1 homolog | Cytoplasm | enzyme | memory |
| -1.122 | 213149\_at | DLAT | dihydrolipoamide S-acetyltransferase | Cytoplasm | enzyme | memory |
| -1.387 | 1553998\_at | DMRTC1/DMRTC1B | DMRT like family C1 | Other | other | memory |
| -1.285 | 229588\_at | DNAJC10 | DnaJ heat shock protein family (Hsp40) member C10 | Cytoplasm | enzyme | memory |
| 1.866 | 209839\_at | DNM3 | dynamin 3 | Cytoplasm | enzyme | memory |
| -1.162 | 225200\_at | DPH3 | diphthamide biosynthesis 3 | Cytoplasm | other | memory |
| -1.496 | 200606\_at | DSP | desmoplakin | Plasma Membrane | other | memory |
| -1.141 | 201022\_s\_at | DSTN | destrin, actin depolymerizing factor | Cytoplasm | other | memory |
| 1.087 | 235606\_at | DUBR | DPPA2 upstream binding RNA | Other | other | memory |
| 2.284 | 226034\_at | DUSP4 | dual specificity phosphatase 4 | Nucleus | phosphatase | memory |
| -1.175 | 1554772\_at | EFCAB13 | EF-hand calcium binding domain 13 | Nucleus | other | memory |
| -1.065 | 221497\_x\_at | EGLN1 | egl-9 family hypoxia inducible factor 1 | Cytoplasm | enzyme | memory |
| 1.016 | 205249\_at | EGR2 | early growth response 2 | Nucleus | transcription regulator | memory |
| 1.635 | 242898\_at | EIF2AK2 | eukaryotic translation initiation factor 2 alpha kinase 2 | Cytoplasm | kinase | memory |
| 1.087 | 206919\_at | ELK4 | ELK4, ETS transcription factor | Nucleus | transcription regulator | memory |
| -1.116 | 242443\_at | EML5 | echinoderm microtubule associated protein like 5 | Cytoplasm | other | memory |
| -2.042 | 223893\_at | ENAM | enamelin | Extracellular Space | other | memory |
| 2.89 | 201340\_s\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | memory |
| 3.168 | 201341\_at | ENC1 | ectodermal-neural cortex 1 | Nucleus | peptidase | memory |
| 1.346 | 204143\_s\_at | ENOSF1 | enolase superfamily member 1 | Other | enzyme | memory |
| 2.152 | 220120\_s\_at | EPB41L4A | erythrocyte membrane protein band 4.1 like 4A | Extracellular Space | other | memory |
| -1.816 | 1562249\_at | EPHA1-AS1 | EPHA1 antisense RNA 1 | Other | other | memory |
| 2.171 | 227609\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | memory |
| 2.239 | 235276\_at | EPSTI1 | epithelial stromal interaction 1 | Other | other | memory |
| -1.282 | 224576\_at | ERGIC1 | endoplasmic reticulum-golgi intermediate compartment 1 | Cytoplasm | other | memory |
| -1.361 | 213365\_at | ERI2 | ERI1 exoribonuclease family member 2 | Other | other | memory |
| -1.243 | 244452\_at | ERLEC1 | endoplasmic reticulum lectin 1 | Cytoplasm | other | memory |
| 2.181 | 219629\_at | FAM118A | family with sequence similarity 118 member A | Other | other | memory |
| 1.167 | 217966\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | memory |
| 1.208 | 217967\_s\_at | FAM129A | family with sequence similarity 129 member A | Cytoplasm | other | memory |
| 2.638 | 214889\_at | FAM149A | family with sequence similarity 149 member A | Other | other | memory |
| 1.029 | 224435\_at | FAM213A | family with sequence similarity 213 member A | Extracellular Space | other | memory |
| -1.641 | 1557217\_a\_at | FANCB | FA complementation group B | Nucleus | other | memory |
| 1.054 | 1568891\_x\_at | FANCD2 | FA complementation group D2 | Nucleus | other | memory |
| 1.339 | 204781\_s\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | memory |
| 1.335 | 215719\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | memory |
| 1.409 | 216252\_x\_at | FAS | Fas cell surface death receptor | Plasma Membrane | transmembrane receptor | memory |
| 1.055 | 1559214\_at | FBXO22 | F-box protein 22 | Cytoplasm | enzyme | memory |
| -1.293 | 1559094\_at | FBXO9 | F-box protein 9 | Cytoplasm | enzyme | memory |
| 1.68 | 203561\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | memory |
| 1.149 | 1565673\_at | FCGR2A | Fc fragment of IgG receptor IIa | Plasma Membrane | transmembrane receptor | memory |
| 1.387 | 227948\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | memory |
| 1.328 | 230559\_x\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | memory |
| 1.693 | 242445\_at | FGD4 | FYVE, RhoGEF and PH domain containing 4 | Cytoplasm | other | memory |
| -1.24 | 1555136\_at | FGD6 | FYVE, RhoGEF and PH domain containing 6 | Cytoplasm | other | memory |
| -1.216 | 204834\_at | FGL2 | fibrinogen like 2 | Extracellular Space | peptidase | memory |
| -1.204 | 226805\_at | FITM2 | fat storage inducing transmembrane protein 2 | Cytoplasm | other | memory |
| -1.034 | 76897\_s\_at | FKBP15 | FK506 binding protein 15 | Plasma Membrane | enzyme | memory |
| 1.143 | 228188\_at | FOSL2 | FOS like 2, AP-1 transcription factor subunit | Nucleus | transcription regulator | memory |
| -2.024 | 223936\_s\_at | FOXP1 | forkhead box P1 | Nucleus | transcription regulator | memory |
| -1.58 | 242135\_at | FRG1GP | FSHD region gene 1 family member G, pseudogene | Other | other | memory |
| -1.344 | 232182\_at | FRG1HP | FSHD region gene 1 family member H, pseudogene | Other | other | memory |
| 1.136 | 209892\_at | FUT4 | fucosyltransferase 4 | Cytoplasm | enzyme | memory |
| 1.192 | 211458\_s\_at | GABARAPL3 | GABA type A receptor associated protein like 3 pseudogene | Other | other | memory |
| -1.14 | 204417\_at | GALC | galactosylceramidase | Cytoplasm | enzyme | memory |
| -1.136 | 218885\_s\_at | GALNT12 | polypeptide N-acetylgalactosaminyltransferase 12 | Cytoplasm | enzyme | memory |
| 1.025 | 232110\_at | GALNT5 | polypeptide N-acetylgalactosaminyltransferase 5 | Cytoplasm | enzyme | memory |
| 1.049 | 202191\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | memory |
| 1.272 | 202192\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | memory |
| 1.247 | 210872\_x\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | memory |
| 1.067 | 211067\_s\_at | GAS7 | growth arrest specific 7 | Cytoplasm | transcription regulator | memory |
| 1.076 | 214711\_at | GATC | glutamyl-tRNA amidotransferase subunit C | Nucleus | enzyme | memory |
| -1.666 | 203178\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | memory |
| -1.526 | 216733\_s\_at | GATM | glycine amidinotransferase | Cytoplasm | enzyme | memory |
| 1.193 | 210175\_at | GCFC2 | GC-rich sequence DNA-binding factor 2 | Nucleus | transcription regulator | memory |
| 1.067 | 230788\_at | GCNT2 | glucosaminyl (N-acetyl) transferase 2 (I blood group) | Cytoplasm | enzyme | memory |
| -1.407 | 213133\_s\_at | GCSH | glycine cleavage system protein H | Cytoplasm | enzyme | memory |
| -2.033 | 228376\_at | GGTA1P | glycoprotein, alpha-galactosyltransferase 1 pseudogene | Cytoplasm | other | memory |
| -1.054 | 232024\_at | GIMAP2 | GTPase, IMAP family member 2 | Cytoplasm | other | memory |
| 1.062 | 221932\_s\_at | GLRX5 | glutaredoxin 5 | Cytoplasm | other | memory |
| -2.013 | 202615\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | memory |
| -1.45 | 224862\_at | GNAQ | G protein subunit alpha q | Plasma Membrane | enzyme | memory |
| -2.698 | 204115\_at | GNG11 | G protein subunit gamma 11 | Plasma Membrane | other | memory |
| 2.086 | 211522\_s\_at | GNRHR | gonadotropin releasing hormone receptor | Plasma Membrane | G-protein coupled receptor | memory |
| -1.105 | 208843\_s\_at | GORASP2 | golgi reassembly stacking protein 2 | Cytoplasm | other | memory |
| -1.201 | 225420\_at | GPAM | glycerol-3-phosphate acyltransferase, mitochondrial | Cytoplasm | enzyme | memory |
| 1.287 | 223319\_at | GPHN | gephyrin | Plasma Membrane | enzyme | memory |
| 2.181 | 204137\_at | GPR137B | G protein-coupled receptor 137B | Plasma Membrane | other | memory |
| 1.443 | 228770\_at | GPR146 | G protein-coupled receptor 146 | Plasma Membrane | G-protein coupled receptor | memory |
| 1.145 | 1566257\_at | GPR180 | G protein-coupled receptor 180 | Cytoplasm | other | memory |
| -1.683 | 244434\_at | GPR82 | G protein-coupled receptor 82 | Plasma Membrane | G-protein coupled receptor | memory |
| -1.209 | 226043\_at | GPSM1 | G protein signaling modulator 1 | Cytoplasm | other | memory |
| -1.056 | 1559688\_at | GRAPL | GRB2 related adaptor protein like | Other | other | memory |
| 1.164 | 1559923\_at | GRIK1 | glutamate ionotropic receptor kainate type subunit 1 | Plasma Membrane | ion channel | memory |
| 2.145 | 204550\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | memory |
| 2.038 | 215333\_x\_at | GSTM1 | glutathione S-transferase mu 1 | Cytoplasm | enzyme | memory |
| 1.938 | 204418\_x\_at | GSTM2 | glutathione S-transferase mu 2 | Cytoplasm | enzyme | memory |
| 1.497 | 204149\_s\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | memory |
| 1.245 | 210912\_x\_at | GSTM4 | glutathione S-transferase mu 4 | Cytoplasm | enzyme | memory |
| -1.251 | 230376\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | memory |
| -1.202 | 243985\_at | GTF2A2 | general transcription factor IIA subunit 2 | Nucleus | transcription regulator | memory |
| -1.157 | 202451\_at | GTF2H1 | general transcription factor IIH subunit 1 | Nucleus | transcription regulator | memory |
| 1.919 | 232821\_at | GTSF1L | gametocyte specific factor 1 like | Other | other | memory |
| 1.036 | 202605\_at | GUSB | glucuronidase beta | Cytoplasm | enzyme | memory |
| 1.048 | 233655\_s\_at | HAUS6 | HAUS augmin like complex subunit 6 | Cytoplasm | other | memory |
| -1.646 | 204018\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | memory |
| -1.983 | 217414\_x\_at | HBA1/HBA2 | hemoglobin subunit alpha 2 | Extracellular Space | transporter | memory |
| -3.387 | 209116\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | memory |
| -3.498 | 211696\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | memory |
| -2.934 | 217232\_x\_at | HBB | hemoglobin subunit beta | Cytoplasm | transporter | memory |
| -1.042 | 204848\_x\_at | HBG1 | hemoglobin subunit gamma 1 | Cytoplasm | other | memory |
| 1.003 | 204419\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | memory |
| -1.166 | 213515\_x\_at | HBG2 | hemoglobin subunit gamma 2 | Cytoplasm | other | memory |
| -1.094 | 206685\_at | HCG4 | HLA complex group 4 | Other | other | memory |
| 1.042 | 208018\_s\_at | HCK | HCK proto-oncogene, Src family tyrosine kinase | Cytoplasm | kinase | memory |
| 1.015 | 203259\_s\_at | HDDC2 | HD domain containing 2 | Cytoplasm | other | memory |
| 1.302 | 209524\_at | HDGFL3 | HDGF like 3 | Nucleus | other | memory |
| 1.289 | 1558103\_a\_at | HDGFL3 | HDGF like 3 | Nucleus | other | memory |
| -1.16 | 223155\_at | HDHD2 | haloacid dehalogenase like hydrolase domain containing 2 | Cytoplasm | other | memory |
| 2.359 | 219863\_at | HERC5 | HECT and RLD domain containing E3 ubiquitin protein ligase 5 | Cytoplasm | enzyme | memory |
| 2.735 | 219352\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | memory |
| 2.068 | 1563659\_at | HERC6 | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 | Cytoplasm | enzyme | memory |
| 1.049 | 225115\_at | HIPK2 | homeodomain interacting protein kinase 2 | Nucleus | kinase | memory |
| -1.052 | 214469\_at | HIST1H2AE | histone cluster 1 H2A family member e | Nucleus | other | memory |
| -1.195 | 214554\_at | HIST1H2AL | histone cluster 1 H2A family member l | Nucleus | other | memory |
| 1.393 | 239975\_at | HLA-DPB2 | major histocompatibility complex, class II, DP beta 2 (pseudogene) | Other | other | memory |
| -1.776 | 203290\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | memory |
| 31.1 | 213831\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | memory |
| 19.587 | 236203\_at | HLA-DQA1 | major histocompatibility complex, class II, DQ alpha 1 | Plasma Membrane | transmembrane receptor | memory |
| 12.438 | 209480\_at | HLA-DQB1 | major histocompatibility complex, class II, DQ beta 1 | Plasma Membrane | other | memory |
| -15.536 | 209728\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | memory |
| -3.6 | 215666\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | memory |
| -4.853 | 215669\_at | HLA-DRB4 | major histocompatibility complex, class II, DR beta 4 | Plasma Membrane | transmembrane receptor | memory |
| 1.079 | 1556097\_at | HOMER2 | homer scaffold protein 2 | Plasma Membrane | other | memory |
| 1.177 | 206864\_s\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | memory |
| 1.31 | 206865\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | memory |
| 1.292 | 229552\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | memory |
| 1.264 | 237187\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | memory |
| 1.338 | 1566734\_at | HRK | harakiri, BCL2 interacting protein | Cytoplasm | other | memory |
| 2.457 | 227361\_at | HS3ST3B1 | heparan sulfate-glucosamine 3-sulfotransferase 3B1 | Cytoplasm | enzyme | memory |
| -1.357 | 200799\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | memory |
| -1.057 | 202581\_at | HSPA1A/HSPA1B | heat shock protein family A (Hsp70) member 1A | Cytoplasm | enzyme | memory |
| 1.814 | 117\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | memory |
| 1.757 | 213418\_at | HSPA6 | heat shock protein family A (Hsp70) member 6 | Nucleus | enzyme | memory |
| -1.061 | 210338\_s\_at | HSPA8 | heat shock protein family A (Hsp70) member 8 | Cytoplasm | enzyme | memory |
| -1.083 | 236115\_at | HTR7P1 | 5-hydroxytryptamine receptor 7 pseudogene 1 | Other | other | memory |
| 2.748 | 202411\_at | IFI27 | interferon alpha inducible protein 27 | Cytoplasm | other | memory |
| 5.317 | 214059\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | memory |
| 4.095 | 214453\_s\_at | IFI44 | interferon induced protein 44 | Cytoplasm | other | memory |
| 6.01 | 204439\_at | IFI44L | interferon induced protein 44 like | Nucleus | other | memory |
| 2.586 | 204415\_at | IFI6 | interferon alpha inducible protein 6 | Cytoplasm | other | memory |
| 3.742 | 203153\_at | IFIT1 | interferon induced protein with tetratricopeptide repeats 1 | Cytoplasm | other | memory |
| 2.751 | 204747\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | memory |
| 3.175 | 229450\_at | IFIT3 | interferon induced protein with tetratricopeptide repeats 3 | Cytoplasm | other | memory |
| 2.61 | 201601\_x\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | memory |
| 2.387 | 214022\_s\_at | IFITM1 | interferon induced transmembrane protein 1 | Plasma Membrane | transmembrane receptor | memory |
| -1.035 | 210354\_at | IFNG | interferon gamma | Extracellular Space | cytokine | memory |
| -1.262 | 203627\_at | IGF1R | insulin like growth factor 1 receptor | Plasma Membrane | transmembrane receptor | memory |
| -1.793 | 1558438\_a\_at | IGHE | immunoglobulin heavy constant epsilon | Extracellular Space | other | memory |
| -1.587 | 206618\_at | IL18R1 | interleukin 18 receptor 1 | Plasma Membrane | transmembrane receptor | memory |
| 1.086 | 206341\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | memory |
| -1.361 | 211269\_s\_at | IL2RA | interleukin 2 receptor subunit alpha | Plasma Membrane | transmembrane receptor | memory |
| -1.182 | 206693\_at | IL7 | interleukin 7 | Extracellular Space | cytokine | memory |
| -1.471 | 213817\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | memory |
| 1.159 | 1568830\_at | IRAK3 | interleukin 1 receptor associated kinase 3 | Cytoplasm | kinase | memory |
| 2.624 | 205483\_s\_at | ISG15 | ISG15 ubiquitin-like modifier | Extracellular Space | other | memory |
| -1.119 | 201656\_at | ITGA6 | integrin subunit alpha 6 | Plasma Membrane | transmembrane receptor | memory |
| -1.143 | 202351\_at | ITGAV | integrin subunit alpha V | Plasma Membrane | transmembrane receptor | memory |
| 1.583 | 210184\_at | ITGAX | integrin subunit alpha X | Plasma Membrane | transmembrane receptor | memory |
| -1.094 | 202746\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | memory |
| -1.052 | 202747\_s\_at | ITM2A | integral membrane protein 2A | Plasma Membrane | other | memory |
| 1.005 | 1562110\_at | IWS1 | IWS1, SUPT6H interacting protein | Nucleus | enzyme | memory |
| -1.17 | 229127\_at | JAM2 | junctional adhesion molecule 2 | Plasma Membrane | other | memory |
| -1.091 | 212592\_at | JCHAIN | joining chain of multimeric IgA and IgM | Extracellular Space | other | memory |
| 1.023 | 220141\_at | JHY | junctional cadherin complex regulator | Other | other | memory |
| 1.123 | 218418\_s\_at | KANK2 | KN motif and ankyrin repeat domains 2 | Nucleus | transcription regulator | memory |
| -1.251 | 232094\_at | KATNBL1 | katanin regulatory subunit B1 like 1 | Nucleus | other | memory |
| -1.546 | 214595\_at | KCNG1 | potassium voltage-gated channel modifier subfamily G member 1 | Plasma Membrane | ion channel | memory |
| -1.364 | 237249\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | memory |
| -1.112 | 244727\_at | KCNQ1OT1 | KCNQ1 opposite strand/antisense transcript 1 | Other | other | memory |
| 1.086 | 214185\_at | KHDRBS1 | KH RNA binding domain containing, signal transduction associated 1 | Nucleus | transcription regulator | memory |
| -1.274 | 202393\_s\_at | KLF10 | Kruppel like factor 10 | Nucleus | transcription regulator | memory |
| -1.174 | 1564272\_a\_at | KLHDC1 | kelch domain containing 1 | Cytoplasm | other | memory |
| -1.224 | 1560396\_at | KLHL6 | kelch like family member 6 | Other | other | memory |
| -1.133 | 223250\_at | KLHL7 | kelch like family member 7 | Nucleus | other | memory |
| -1.099 | 205821\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | memory |
| -1.116 | 1555691\_a\_at | KLRC4-KLRK1/KLRK1 | killer cell lectin like receptor K1 | Plasma Membrane | transmembrane receptor | memory |
| -2.346 | 200771\_at | LAMC1 | laminin subunit gamma 1 | Extracellular Space | other | memory |
| -2.156 | 214039\_s\_at | LAPTM4B | lysosomal protein transmembrane 4 beta | Cytoplasm | other | memory |
| 1.21 | 1563039\_at | LARGE-AS1 | LARGE antisense RNA 1 | Other | other | memory |
| -1.028 | 221515\_s\_at | LCMT1 | leucine carboxyl methyltransferase 1 | Cytoplasm | enzyme | memory |
| 1.23 | 205270\_s\_at | LCP2 | lymphocyte cytosolic protein 2 | Cytoplasm | other | memory |
| 1.059 | 210712\_at | LDHAL6B | lactate dehydrogenase A like 6B | Cytoplasm | enzyme | memory |
| -1.079 | 221558\_s\_at | LEF1 | lymphoid enhancer binding factor 1 | Nucleus | transcription regulator | memory |
| 1.252 | 200923\_at | LGALS3BP | galectin 3 binding protein | Plasma Membrane | transmembrane receptor | memory |
| -1.913 | 210313\_at | LILRA4 | leukocyte immunoglobulin like receptor A4 | Plasma Membrane | other | memory |
| -2.014 | 217892\_s\_at | LIMA1 | LIM domain and actin binding 1 | Cytoplasm | other | memory |
| -1.094 | 212687\_at | LIMS1 | LIM zinc finger domain containing 1 | Plasma Membrane | other | memory |
| 6.371 | 231455\_at | LINC00487 | long intergenic non-protein coding RNA 487 | Other | other | memory |
| -1.997 | 236854\_at | LINC00494 | long intergenic non-protein coding RNA 494 | Other | other | memory |
| -1.73 | 1560762\_at | LINC00996 | long intergenic non-protein coding RNA 996 | Other | other | memory |
| -1.202 | 235174\_s\_at | LINC01003 | long intergenic non-protein coding RNA 1003 | Other | other | memory |
| 1.086 | 236564\_at | LINC01128 | long intergenic non-protein coding RNA 1128 | Other | other | memory |
| -1.109 | 1562742\_at | LINC01362 | long intergenic non-protein coding RNA 1362 | Other | other | memory |
| -1.023 | 239287\_at | LINC01857 | long intergenic non-protein coding RNA 1857 | Other | other | memory |
| 3.853 | 238632\_at | LINC02562 |  | Other | other | memory |
| -2.523 | 230865\_at | LIX1 | limb and CNS expressed 1 | Other | other | memory |
| 1.116 | 229537\_at | LMO4 | LIM domain only 4 | Nucleus | transcription regulator | memory |
| -1.15 | 225717\_at | LNPK | lunapark, ER junction formation factor | Cytoplasm | other | memory |
| -1.278 | 1556301\_at | LOC100287015 | uncharacterized LOC100287015 | Other | other | memory |
| 2.034 | 235171\_at | LOC100505501 | uncharacterized LOC100505501 | Other | other | memory |
| -1.179 | 243742\_at | LOC100505797 | myosin heavy chain IB-like | Other | other | memory |
| -1.355 | 1568648\_a\_at | LOC100505851 | uncharacterized LOC100505851 | Other | other | memory |
| 1.075 | 227985\_at | LOC100506098 | uncharacterized LOC100506098 | Other | other | memory |
| -3.197 | 241535\_at | LOC101060391 | uncharacterized LOC101060391 | Other | other | memory |
| -1.32 | 236075\_s\_at | LOC101928000 | uncharacterized LOC101928000 | Other | other | memory |
| -1.27 | 1568898\_at | LOC101928140 | uncharacterized LOC101928140 | Other | other | memory |
| 1.089 | 215565\_at | LOC101929272 | uncharacterized LOC101929272 | Other | other | memory |
| 1.573 | 239988\_at | LOC102723458 | uncharacterized LOC102723458 | Other | other | memory |
| -1.121 | 236453\_at | LOC105372733 | uncharacterized LOC105372733 | Other | other | memory |
| 2.075 | 243754\_at | LOC105373098 | uncharacterized LOC105373098 | Other | other | memory |
| 1.066 | 1556172\_at | LOC105374809 | uncharacterized LOC105374809 | Other | other | memory |
| -1.633 | 1560637\_at | LOC105375839 | uncharacterized LOC105375839 | Other | other | memory |
| -1.069 | 220609\_at | LOC202181 | SUMO interacting motifs containing 1 pseudogene | Other | other | memory |
| -1.21 | 1562568\_at | LOC400541 | uncharacterized LOC400541 | Other | other | memory |
| 1.468 | 1559459\_at | LOC613266 | uncharacterized LOC613266 | Other | other | memory |
| 1.404 | 1561759\_at | LOC645513 | septin 7 pseudogene | Other | other | memory |
| -1.02 | 236977\_at | LOC646588 | uncharacterized LOC646588 | Other | other | memory |
| -1.1 | 226826\_at | LSM11 | LSM11, U7 small nuclear RNA associated | Nucleus | other | memory |
| -1.469 | 221832\_s\_at | LUZP1 | leucine zipper protein 1 | Nucleus | other | memory |
| -1.243 | 213975\_s\_at | LYZ | lysozyme | Extracellular Space | enzyme | memory |
| -1.116 | 1555745\_a\_at | LYZ | lysozyme | Extracellular Space | enzyme | memory |
| 2.157 | 235278\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | memory |
| 2.008 | 1563209\_a\_at | MACROD2 | MACRO domain containing 2 | Nucleus | enzyme | memory |
| -1.025 | 226084\_at | MAP1B | microtubule associated protein 1B | Cytoplasm | other | memory |
| 2.376 | 225540\_at | MAP2 | microtubule associated protein 2 | Plasma Membrane | other | memory |
| -1.817 | 225662\_at | MAP3K20 | mitogen-activated protein kinase kinase kinase 20 | Cytoplasm | kinase | memory |
| -1.357 | 228262\_at | MAP7D2 | MAP7 domain containing 2 | Other | other | memory |
| -1.448 | 220145\_at | MAP9 | microtubule associated protein 9 | Cytoplasm | other | memory |
| 1.073 | 221636\_s\_at | MARC2 | mitochondrial amidoxime reducing component 2 | Cytoplasm | enzyme | memory |
| -1.459 | 225611\_at | MAST4 | microtubule associated serine/threonine kinase family member 4 | Other | kinase | memory |
| -1.362 | 1564906\_at | MATR3 | matrin 3 | Nucleus | other | memory |
| -1.278 | 214397\_at | MBD2 | methyl-CpG binding domain protein 2 | Nucleus | transcription regulator | memory |
| 1.086 | 232298\_at | MBNL1-AS1 | MBNL1 antisense RNA 1 | Other | other | memory |
| -1.017 | 206132\_at | MCC | MCC, WNT signaling pathway regulator | Cytoplasm | other | memory |
| 1.129 | 232740\_at | MCM3AP-AS1 | MCM3AP antisense RNA 1 | Other | other | memory |
| -1.169 | 211675\_s\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | memory |
| -1.332 | 1559942\_at | MDFIC | MyoD family inhibitor domain containing | Nucleus | other | memory |
| -1.114 | 1562731\_s\_at | MDS2 | myelodysplastic syndrome 2 translocation associated | Extracellular Space | other | memory |
| 1.202 | 244611\_at | MED13 | mediator complex subunit 13 | Nucleus | transcription regulator | memory |
| -1.058 | 219318\_x\_at | MED31 | mediator complex subunit 31 | Nucleus | other | memory |
| -2.265 | 226869\_at | MEGF6 | multiple EGF like domains 6 | Cytoplasm | other | memory |
| -1.221 | 227805\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | memory |
| -1.975 | 1565755\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | memory |
| -1.246 | 1565756\_a\_at | METAP1D | methionyl aminopeptidase type 1D, mitochondrial | Cytoplasm | peptidase | memory |
| -1.508 | 232533\_at | METTL8 | methyltransferase like 8 | Other | enzyme | memory |
| -1.39 | 1554667\_s\_at | METTL8 | methyltransferase like 8 | Other | enzyme | memory |
| 1.395 | 1552312\_a\_at | MFAP3 | microfibril associated protein 3 | Extracellular Space | other | memory |
| 2.122 | 209758\_s\_at | MFAP5 | microfibril associated protein 5 | Extracellular Space | other | memory |
| -1.038 | 1569136\_at | MGAT4A | alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A | Cytoplasm | enzyme | memory |
| -1.228 | 1558166\_at | MGC16275 | uncharacterized protein MGC16275 | Other | other | memory |
| -2.311 | 212473\_s\_at | MICAL2 | microtubule associated monooxygenase, calponin and LIM domain containing 2 | Cytoplasm | enzyme | memory |
| -1.415 | 238458\_at | MICU3 | mitochondrial calcium uptake family member 3 | Cytoplasm | other | memory |
| -1.044 | 204594\_s\_at | MIEF1 | mitochondrial elongation factor 1 | Cytoplasm | other | memory |
| -1.298 | 235428\_at | MINCR | MYC-induced long non-coding RNA | Other | other | memory |
| 1.021 | 213708\_s\_at | MLX | MLX, MAX dimerization protein | Nucleus | transcription regulator | memory |
| 2.284 | 209708\_at | MOXD1 | monooxygenase DBH like 1 | Cytoplasm | enzyme | memory |
| 1.062 | 237158\_s\_at | MPHOSPH9 | M-phase phosphoprotein 9 | Cytoplasm | other | memory |
| -1.006 | 218654\_s\_at | MRPS33 | mitochondrial ribosomal protein S33 | Cytoplasm | other | memory |
| -1.699 | 230550\_at | MS4A6A | membrane spanning 4-domains A6A | Other | other | memory |
| 1.15 | 242996\_at | MTRF1 | mitochondrial translation release factor 1 | Cytoplasm | translation regulator | memory |
| -1.02 | 203517\_at | MTX2 | metaxin 2 | Cytoplasm | transporter | memory |
| 2.624 | 202086\_at | MX1 | MX dynamin like GTPase 1 | Cytoplasm | enzyme | memory |
| -1.019 | 203360\_s\_at | MYCBP | MYC binding protein | Nucleus | transcription regulator | memory |
| -2.593 | 212365\_at | MYO1B | myosin IB | Cytoplasm | enzyme | memory |
| 1.41 | 225301\_s\_at | MYO5B | myosin VB | Cytoplasm | enzyme | memory |
| 1.094 | 1568805\_at | NCOA7 | nuclear receptor coactivator 7 | Nucleus | transcription regulator | memory |
| 1.341 | 204162\_at | NDC80 | NDC80, kinetochore complex component | Nucleus | other | memory |
| -1.068 | 236440\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | memory |
| 1.628 | 1552736\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | memory |
| 1.462 | 1562713\_a\_at | NETO1 | neuropilin and tolloid like 1 | Extracellular Space | other | memory |
| -1.447 | 222774\_s\_at | NETO2 | neuropilin and tolloid like 2 | Plasma Membrane | other | memory |
| -2.322 | 244370\_at | NEXMIF | neurite extension and migration factor | Nucleus | enzyme | memory |
| -1.726 | 210556\_at | NFATC3 | nuclear factor of activated T cells 3 | Nucleus | transcription regulator | memory |
| 1.016 | 219418\_at | NHEJ1 | non-homologous end joining factor 1 | Nucleus | other | memory |
| -1.354 | 223764\_x\_at | NIPSNAP3B | nipsnap homolog 3B | Other | other | memory |
| 1.23 | 213915\_at | NKG7 | natural killer cell granule protein 7 | Plasma Membrane | other | memory |
| -1.2 | 1558801\_at | NNT-AS1 | NNT antisense RNA 1 | Other | other | memory |
| -1.158 | 223157\_at | NOA1 | nitric oxide associated 1 | Cytoplasm | other | memory |
| 1.167 | 203023\_at | NOP16 | NOP16 nucleolar protein | Nucleus | other | memory |
| -1.057 | 243996\_at | NPR2 | natriuretic peptide receptor 2 | Plasma Membrane | G-protein coupled receptor | memory |
| 2.408 | 204105\_s\_at | NRCAM | neuronal cell adhesion molecule | Plasma Membrane | other | memory |
| 1.155 | 1553994\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | memory |
| -1.089 | 1553995\_a\_at | NT5E | 5'-nucleotidase ecto | Plasma Membrane | phosphatase | memory |
| -1.19 | 217540\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | memory |
| 1.093 | 243011\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | memory |
| 1.126 | 243606\_at | NXPE3 | neurexophilin and PC-esterase domain family member 3 | Other | other | memory |
| 1.675 | 205552\_s\_at | OAS1 | 2'-5'-oligoadenylate synthetase 1 | Cytoplasm | enzyme | memory |
| 1.985 | 228607\_at | OAS2 | 2'-5'-oligoadenylate synthetase 2 | Cytoplasm | enzyme | memory |
| 2.323 | 218400\_at | OAS3 | 2'-5'-oligoadenylate synthetase 3 | Cytoplasm | enzyme | memory |
| 2.092 | 205660\_at | OASL | 2'-5'-oligoadenylate synthetase like | Cytoplasm | enzyme | memory |
| -2.087 | 216085\_at | OBSCN | obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF | Cytoplasm | kinase | memory |
| 2.45 | 209925\_at | OCLN | occludin | Plasma Membrane | other | memory |
| 2.043 | 227492\_at | OCLN | occludin | Plasma Membrane | other | memory |
| 1.88 | 238327\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | memory |
| -1.021 | 243934\_at | ODF3B | outer dense fiber of sperm tails 3B | Other | enzyme | memory |
| -1.513 | 214705\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | memory |
| -2.196 | 223681\_s\_at | PATJ | PATJ, crumbs cell polarity complex component | Plasma Membrane | other | memory |
| -2.518 | 227474\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | memory |
| -2.218 | 228425\_at | PAX8-AS1 | PAX8 antisense RNA 1 | Other | other | memory |
| -1.092 | 1562481\_at | PCBP1-AS1 | PCBP1 antisense RNA 1 | Other | other | memory |
| 2 | 205717\_x\_at | PCDHGC3 | protocadherin gamma subfamily C, 3 | Plasma Membrane | other | memory |
| -1.115 | 204025\_s\_at | PDCD2 | programmed cell death 2 | Nucleus | other | memory |
| -1.053 | 240088\_at | PDE5A | phosphodiesterase 5A | Cytoplasm | enzyme | memory |
| -1.419 | 220236\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | memory |
| -1.347 | 224904\_at | PDPR | pyruvate dehydrogenase phosphatase regulatory subunit | Cytoplasm | enzyme | memory |
| -1.537 | 1570119\_at | PDS5B | PDS5 cohesin associated factor B | Nucleus | other | memory |
| -1.097 | 230416\_at | PDZD8 | PDZ domain containing 8 | Extracellular Space | other | memory |
| 1.006 | 202464\_s\_at | PFKFB3 | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 | Cytoplasm | kinase | memory |
| -1.142 | 239725\_at | PGAP1 | post-GPI attachment to proteins 1 | Cytoplasm | enzyme | memory |
| -1.455 | 225366\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | memory |
| -1.23 | 225367\_at | PGM2 | phosphoglucomutase 2 | Cytoplasm | enzyme | memory |
| -1.163 | 227947\_at | PHACTR2 | phosphatase and actin regulator 2 | Other | other | memory |
| 1.187 | 242060\_x\_at | PHF11 | PHD finger protein 11 | Nucleus | other | memory |
| 1.05 | 230098\_at | PHF20L1 | PHD finger protein 20 like 1 | Other | other | memory |
| -1.048 | 1552291\_at | PIGX | phosphatidylinositol glycan anchor biosynthesis class X | Cytoplasm | other | memory |
| 1.095 | 230673\_at | PKHD1L1 | PKHD1 like 1 | Extracellular Space | other | memory |
| -1.761 | 227247\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | memory |
| -1.36 | 1560556\_a\_at | PLEKHA8 | pleckstrin homology domain containing A8 | Extracellular Space | transporter | memory |
| -1.148 | 209504\_s\_at | PLEKHB1 | pleckstrin homology domain containing B1 | Cytoplasm | other | memory |
| -1.981 | 205871\_at | PLGLB1/PLGLB2 | plasminogen-like B2 | Extracellular Space | peptidase | memory |
| -1.426 | 204938\_s\_at | PLN | phospholamban | Cytoplasm | transporter | memory |
| 1.186 | 212230\_at | PLPP3 | phospholipid phosphatase 3 | Plasma Membrane | phosphatase | memory |
| 1.195 | 202430\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | memory |
| 1.427 | 202446\_s\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | memory |
| 1.103 | 244315\_at | PLSCR1 | phospholipid scramblase 1 | Plasma Membrane | enzyme | memory |
| -1.375 | 234352\_x\_at | POLB | DNA polymerase beta | Nucleus | enzyme | memory |
| -1.242 | 232181\_at | PPARGC1B | PPARG coactivator 1 beta | Nucleus | transcription regulator | memory |
| -9.912 | 214146\_s\_at | PPBP | pro-platelet basic protein | Extracellular Space | cytokine | memory |
| -1.268 | 200975\_at | PPT1 | palmitoyl-protein thioesterase 1 | Cytoplasm | enzyme | memory |
| 1.123 | 228964\_at | PRDM1 | PR/SET domain 1 | Nucleus | transcription regulator | memory |
| -1.364 | 229687\_s\_at | PRDM11 | PR/SET domain 11 | Other | other | memory |
| -1.172 | 39729\_at | PRDX2 | peroxiredoxin 2 | Cytoplasm | enzyme | memory |
| -1.029 | 236513\_at | PRELID2 | PRELI domain containing 2 | Cytoplasm | other | memory |
| 1.037 | 205053\_at | PRIM1 | DNA primase subunit 1 | Nucleus | enzyme | memory |
| -1.099 | 209678\_s\_at | PRKCI | protein kinase C iota | Cytoplasm | kinase | memory |
| -1.211 | 235987\_at | PRKXP1 | PRKX pseudogene 1 | Other | other | memory |
| 1.135 | 228273\_at | PRR11 | proline rich 11 | Other | other | memory |
| -1.091 | 1555486\_a\_at | PRR5L | proline rich 5 like | Cytoplasm | other | memory |
| -1.138 | 232490\_s\_at | PRUNE1 | prune exopolyphosphatase 1 | Nucleus | enzyme | memory |
| 1.094 | 238425\_at | PSMB2 | proteasome subunit beta 2 | Cytoplasm | peptidase | memory |
| -1.006 | 208827\_at | PSMB6 | proteasome subunit beta 6 | Nucleus | peptidase | memory |
| -1.15 | 221840\_at | PTPRE | protein tyrosine phosphatase, receptor type E | Plasma Membrane | phosphatase | memory |
| 2.158 | 229465\_s\_at | PTPRS | protein tyrosine phosphatase, receptor type S | Plasma Membrane | phosphatase | memory |
| -1.364 | 219622\_at | RAB20 | RAB20, member RAS oncogene family | Cytoplasm | enzyme | memory |
| 1.004 | 215070\_x\_at | RABGAP1 | RAB GTPase activating protein 1 | Cytoplasm | other | memory |
| -1.024 | 224200\_s\_at | RAD18 | RAD18, E3 ubiquitin protein ligase | Nucleus | other | memory |
| -1.144 | 201222\_s\_at | RAD23B | RAD23 homolog B, nucleotide excision repair protein | Nucleus | other | memory |
| 1.057 | 230294\_at | RALY-AS1 | RALY antisense RNA 1 | Other | other | memory |
| 1.198 | 204680\_s\_at | RAPGEF5 | Rap guanine nucleotide exchange factor 5 | Nucleus | other | memory |
| -1.033 | 229147\_at | RASSF6 | Ras association domain family member 6 | Other | other | memory |
| -1.072 | 209487\_at | RBPMS | RNA binding protein, mRNA processing factor | Cytoplasm | transcription regulator | memory |
| 3.369 | 228802\_at | RBPMS2 | RNA binding protein, mRNA processing factor 2 | Cytoplasm | other | memory |
| -1.206 | 217775\_s\_at | RDH11 | retinol dehydrogenase 11 | Cytoplasm | enzyme | memory |
| -1.238 | 1559190\_s\_at | RDH13 | retinol dehydrogenase 13 | Cytoplasm | enzyme | memory |
| 1.43 | 229536\_at | REC8 | REC8 meiotic recombination protein | Nucleus | other | memory |
| -1.206 | 203224\_at | RFK | riboflavin kinase | Cytoplasm | kinase | memory |
| 1.294 | 218723\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | memory |
| 1.23 | 228193\_s\_at | RGCC | regulator of cell cycle | Cytoplasm | other | memory |
| 1.094 | 239827\_at | RGCC | regulator of cell cycle | Cytoplasm | other | memory |
| -1.8 | 242450\_at | RGMB | repulsive guidance molecule BMP co-receptor b | Plasma Membrane | other | memory |
| -1.694 | 235597\_s\_at | RGPD4 (includes others) | RANBP2-like and GRIP domain containing 5 | Nucleus | enzyme | memory |
| 2.161 | 1568752\_s\_at | RGS13 | regulator of G protein signaling 13 | Nucleus | other | memory |
| -1.095 | 216970\_at | RGS7 | regulator of G protein signaling 7 | Cytoplasm | enzyme | memory |
| -2.348 | 202975\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | memory |
| -1.567 | 202976\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | memory |
| -2.379 | 216048\_s\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | memory |
| -1.893 | 225202\_at | RHOBTB3 | Rho related BTB domain containing 3 | Cytoplasm | enzyme | memory |
| 1.194 | 209684\_at | RIN2 | Ras and Rab interactor 2 | Cytoplasm | other | memory |
| 1.005 | 213189\_at | RIOX2 | ribosomal oxygenase 2 | Nucleus | enzyme | memory |
| -1.09 | 201823\_s\_at | RNF14 | ring finger protein 14 | Cytoplasm | transcription regulator | memory |
| 2.035 | 204040\_at | RNF144A | ring finger protein 144A | Nucleus | enzyme | memory |
| 1.759 | 233880\_at | RNF213 | ring finger protein 213 | Cytoplasm | enzyme | memory |
| -1.212 | 223824\_at | RNLS | renalase, FAD dependent amine oxidase | Extracellular Space | enzyme | memory |
| -1.242 | 1568782\_at | RP2 | RP2, ARL3 GTPase activating protein | Cytoplasm | enzyme | memory |
| 1.045 | 240806\_at | RPL15 | ribosomal protein L15 | Cytoplasm | other | memory |
| -1.141 | 223707\_at | RPL27A | ribosomal protein L27a | Cytoplasm | other | memory |
| -1.675 | 215249\_at | RPL35A | ribosomal protein L35a | Cytoplasm | other | memory |
| 1.831 | 211690\_at | RPS6 | ribosomal protein S6 | Cytoplasm | other | memory |
| 2.531 | 213797\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | memory |
| 3.977 | 242625\_at | RSAD2 | radical S-adenosyl methionine domain containing 2 | Cytoplasm | enzyme | memory |
| 1.455 | 1556472\_s\_at | SCML4 | Scm polycomb group protein like 4 | Nucleus | other | memory |
| -1.032 | 236520\_at | SDCBP2-AS1 | SDCBP2 antisense RNA 1 | Other | other | memory |
| -1.435 | 238465\_at | SETD9 | SET domain containing 9 | Nucleus | enzyme | memory |
| 1.342 | 227210\_at | SFMBT2 | Scm like with four mbt domains 2 | Nucleus | other | memory |
| 1.144 | 33323\_r\_at | SFN | stratifin | Cytoplasm | other | memory |
| 1.213 | 205120\_s\_at | SGCB | sarcoglycan beta | Plasma Membrane | other | memory |
| 1.165 | 235425\_at | SGO2 | shugoshin 2 | Nucleus | other | memory |
| -1.146 | 221268\_s\_at | SGPP1 | sphingosine-1-phosphate phosphatase 1 | Cytoplasm | phosphatase | memory |
| -1.118 | 224817\_at | SH3PXD2A | SH3 and PX domains 2A | Cytoplasm | other | memory |
| 3.253 | 219519\_s\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | memory |
| 2.84 | 44673\_at | SIGLEC1 | sialic acid binding Ig like lectin 1 | Plasma Membrane | other | memory |
| 1.19 | 219159\_s\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | memory |
| 1.368 | 222838\_at | SLAMF7 | SLAM family member 7 | Plasma Membrane | other | memory |
| 1.293 | 210423\_s\_at | SLC11A1 | solute carrier family 11 member 1 | Plasma Membrane | transporter | memory |
| 3.181 | 219874\_at | SLC12A8 | solute carrier family 12 member 8 | Other | transporter | memory |
| -1.031 | 202236\_s\_at | SLC16A1 | solute carrier family 16 member 1 | Plasma Membrane | transporter | memory |
| -1.103 | 1568813\_at | SLC16A1-AS1 | SLC16A1 antisense RNA 1 | Other | other | memory |
| 1.487 | 238029\_s\_at | SLC16A14 | solute carrier family 16 member 14 | Other | other | memory |
| -2.117 | 230003\_at | SLC16A7 | solute carrier family 16 member 7 | Plasma Membrane | transporter | memory |
| -1.031 | 209003\_at | SLC25A11 | solute carrier family 25 member 11 | Cytoplasm | transporter | memory |
| -2.105 | 243231\_at | SLC38A11 | solute carrier family 38 member 11 | Other | transporter | memory |
| -1.228 | 212110\_at | SLC39A14 | solute carrier family 39 member 14 | Plasma Membrane | transporter | memory |
| -1.163 | 1556551\_s\_at | SLC39A6 | solute carrier family 39 member 6 | Plasma Membrane | transporter | memory |
| 1.235 | 220984\_s\_at | SLCO5A1 | solute carrier organic anion transporter family member 5A1 | Other | transporter | memory |
| 1.222 | 230383\_x\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | memory |
| 1.169 | 243999\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | memory |
| 1.359 | 1553055\_a\_at | SLFN5 | schlafen family member 5 | Nucleus | enzyme | memory |
| -1.301 | 235451\_at | SMAD5 | SMAD family member 5 | Nucleus | transcription regulator | memory |
| 1.047 | 239084\_at | SNAP29 | synaptosome associated protein 29 | Cytoplasm | transporter | memory |
| 1.005 | 228049\_x\_at | SNHG19 | small nucleolar RNA host gene 19 | Other | other | memory |
| 1.06 | 239823\_at | SNHG26 |  | Other | other | memory |
| -1.453 | 1566403\_at | SNORA68 | small nucleolar RNA, H/ACA box 68 | Other | other | memory |
| -2.438 | 1567679\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | memory |
| -2.442 | 1567681\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | memory |
| -2.362 | 1567682\_x\_at | SNORA74A | small nucleolar RNA, H/ACA box 74A | Nucleus | other | memory |
| 1.366 | 208608\_s\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | memory |
| 1.065 | 214708\_at | SNTB1 | syntrophin beta 1 | Plasma Membrane | other | memory |
| 1.128 | 226685\_at | SNTB2 | syntrophin beta 2 | Plasma Membrane | other | memory |
| -1.011 | 201417\_at | SOX4 | SRY-box 4 | Nucleus | transcription regulator | memory |
| 1.79 | 207336\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | memory |
| 2.037 | 238009\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | memory |
| 1.949 | 238285\_at | SOX5 | SRY-box 5 | Nucleus | transcription regulator | memory |
| -2.209 | 228698\_at | SOX7 | SRY-box 7 | Nucleus | transcription regulator | memory |
| -2.442 | 238459\_x\_at | SPATA6 | spermatogenesis associated 6 | Cytoplasm | other | memory |
| -1.443 | 219583\_s\_at | SPATA7 | spermatogenesis associated 7 | Cytoplasm | other | memory |
| -1.108 | 202104\_s\_at | SPG7 | SPG7, paraplegin matrix AAA peptidase subunit | Cytoplasm | peptidase | memory |
| 1.058 | 219205\_at | SRR | serine racemase | Cytoplasm | enzyme | memory |
| 1.651 | AFFX-HUMISGF3A/M97935\_MA\_at | STAT1 | signal transducer and activator of transcription 1 | Nucleus | transcription regulator | memory |
| 1.09 | 212009\_s\_at | STIP1 | stress induced phosphoprotein 1 | Cytoplasm | other | memory |
| -1.028 | 242989\_at | STRN | striatin | Cytoplasm | other | memory |
| 1.244 | 214169\_at | SUN1 | Sad1 and UNC84 domain containing 1 | Nucleus | other | memory |
| 2.495 | 203998\_s\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | memory |
| 2.349 | 203999\_at | SYT1 | synaptotagmin 1 | Cytoplasm | transporter | memory |
| 1.875 | 209198\_s\_at | SYT11 | synaptotagmin 11 | Cytoplasm | transporter | memory |
| -2.463 | 229053\_at | SYT17 | synaptotagmin 17 | Plasma Membrane | other | memory |
| -1.043 | 201463\_s\_at | TALDO1 | transaldolase 1 | Cytoplasm | enzyme | memory |
| -1.95 | 244272\_s\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | memory |
| -1.729 | 1553132\_a\_at | TC2N | tandem C2 domains, nuclear | Nucleus | transporter | memory |
| 1.084 | 237749\_at | TCF4-AS1 | TCF4 antisense RNA 1 | Other | other | memory |
| -1.11 | 222010\_at | TCP1 | t-complex 1 | Cytoplasm | other | memory |
| -1.043 | 230380\_at | THAP2 | THAP domain containing 2 | Nucleus | transcription regulator | memory |
| 2.127 | 235086\_at | THBS1 | thrombospondin 1 | Extracellular Space | other | memory |
| 1.539 | 207571\_x\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | memory |
| 1.483 | 210785\_s\_at | THEMIS2 | thymocyte selection associated family member 2 | Other | other | memory |
| -1.173 | 228716\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | memory |
| -1.684 | 229657\_at | THRB | thyroid hormone receptor beta | Nucleus | ligand-dependent nuclear receptor | memory |
| 1.019 | 201147\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | memory |
| -1.197 | 201150\_s\_at | TIMP3 | TIMP metallopeptidase inhibitor 3 | Extracellular Space | other | memory |
| -1.056 | 221096\_s\_at | TMCO6 | transmembrane and coiled-coil domains 6 | Other | other | memory |
| -1.135 | 224495\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | memory |
| -1.269 | 224496\_s\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | memory |
| -1.165 | 235490\_at | TMEM107 | transmembrane protein 107 | Extracellular Space | other | memory |
| -1.472 | 235798\_at | TMEM170B | transmembrane protein 170B | Plasma Membrane | other | memory |
| -1.656 | 219315\_s\_at | TMEM204 | transmembrane protein 204 | Plasma Membrane | other | memory |
| -1.228 | 228372\_at | TMEM273 | transmembrane protein 273 | Other | other | memory |
| -1.205 | 1561890\_at | TMEM273 | transmembrane protein 273 | Other | other | memory |
| -2.104 | 237515\_at | TMEM56 | transmembrane protein 56 | Other | other | memory |
| -2.216 | 238429\_at | TMEM71 | transmembrane protein 71 | Cytoplasm | other | memory |
| 1.015 | 242316\_at | TMOD3 | tropomodulin 3 | Cytoplasm | other | memory |
| -1.689 | 226604\_at | TMTC3 | transmembrane and tetratricopeptide repeat containing 3 | Cytoplasm | other | memory |
| -1.001 | 214581\_x\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | memory |
| 1.065 | 218856\_at | TNFRSF21 | TNF receptor superfamily member 21 | Plasma Membrane | transmembrane receptor | memory |
| -1.018 | 206907\_at | TNFSF9 | TNF superfamily member 9 | Plasma Membrane | cytokine | memory |
| -1.035 | 225036\_at | TOMM5 | translocase of outer mitochondrial membrane 5 | Cytoplasm | other | memory |
| 1.583 | 204529\_s\_at | TOX | thymocyte selection associated high mobility group box | Nucleus | transcription regulator | memory |
| 1.891 | 228737\_at | TOX2 | TOX high mobility group box family member 2 | Nucleus | transcription regulator | memory |
| 1.061 | 238494\_at | TRAF3IP1 | TRAF3 interacting protein 1 | Cytoplasm | other | memory |
| 1.047 | 1559681\_a\_at | TRIM16L | tripartite motif containing 16 like | Other | other | memory |
| -1.014 | 223384\_s\_at | TRIM4 | tripartite motif containing 4 | Cytoplasm | other | memory |
| 1.075 | 227801\_at | TRIM59 | tripartite motif containing 59 | Cytoplasm | enzyme | memory |
| -1.397 | 219581\_at | TSEN2 | tRNA splicing endonuclease subunit 2 | Cytoplasm | enzyme | memory |
| -1.689 | 220623\_s\_at | TSGA10 | testis specific 10 | Cytoplasm | other | memory |
| -1.387 | 1555932\_at | TSGA10 | testis specific 10 | Cytoplasm | other | memory |
| 1.1 | 239042\_at | TSR1 | TSR1, ribosome maturation factor | Nucleus | other | memory |
| 1.108 | 244839\_at | TTN | titin | Cytoplasm | kinase | memory |
| -2.047 | 230690\_at | TUBB1 | tubulin beta 1 class VI | Cytoplasm | other | memory |
| 1.507 | 209191\_at | TUBB6 | tubulin beta 6 class V | Cytoplasm | other | memory |
| -1.057 | 228397\_at | TUG1 | taurine up-regulated 1 | Other | other | memory |
| 1.874 | 217497\_at | TYMP | thymidine phosphorylase | Extracellular Space | growth factor | memory |
| 1.017 | 239792\_at | UBL7-AS1 | UBL7 antisense RNA 1 (head to head) | Other | other | memory |
| -2.071 | 228956\_at | UGT8 | UDP glycosyltransferase 8 | Cytoplasm | enzyme | memory |
| 1.321 | 230655\_at | ULBP3 | UL16 binding protein 3 | Plasma Membrane | transmembrane receptor | memory |
| 4.861 | 219211\_at | USP18 | ubiquitin specific peptidase 18 | Cytoplasm | peptidase | memory |
| 1.22 | 226669\_at | USP42 | ubiquitin specific peptidase 42 | Nucleus | peptidase | memory |
| 1.002 | 231817\_at | USP53 | ubiquitin specific peptidase 53 | Extracellular Space | enzyme | memory |
| -1.04 | 211760\_s\_at | VAMP4 | vesicle associated membrane protein 4 | Cytoplasm | other | memory |
| 1.058 | 202829\_s\_at | VAMP7 | vesicle associated membrane protein 7 | Cytoplasm | transporter | memory |
| -1.085 | 208844\_at | VDAC3 | voltage dependent anion channel 3 | Cytoplasm | ion channel | memory |
| -1.071 | 224881\_at | VKORC1L1 | vitamin K epoxide reductase complex subunit 1 like 1 | Cytoplasm | enzyme | memory |
| 1.405 | 210102\_at | VWA5A | von Willebrand factor A domain containing 5A | Nucleus | other | memory |
| -1.87 | 1552430\_at | WDR17 | WD repeat domain 17 | Other | other | memory |
| 1.107 | 239680\_at | WDR76 | WD repeat domain 76 | Nucleus | other | memory |
| -1.443 | 213908\_at | WHAMMP3 | WAS protein homolog associated with actin, golgi membranes and microtubules pseudogene 3 | Other | other | memory |
| -3.466 | 229103\_at | WNT3 | Wnt family member 3 | Extracellular Space | other | memory |
| 2.373 | 206133\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | memory |
| 2.521 | 228617\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | memory |
| 3.362 | 242234\_at | XAF1 | XIAP associated factor 1 | Nucleus | other | memory |
| -1.138 | 227421\_at | YBEY | ybeY metalloendoribonuclease | Cytoplasm | other | memory |
| 1.126 | 236559\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | memory |
| 1.071 | 242325\_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta | Cytoplasm | transcription regulator | memory |
| 1.031 | 219836\_at | ZBED2 | zinc finger BED-type containing 2 | Other | other | memory |
| 1.37 | 1560197\_at | ZC2HC1A | zinc finger C2HC-type containing 1A | Other | other | memory |
| -1.061 | 232911\_at | ZFP14 | ZFP14 zinc finger protein | Nucleus | transcription regulator | memory |
| -1.19 | 1562303\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | memory |
| -1.128 | 1562305\_x\_at | ZKSCAN3 | zinc finger with KRAB and SCAN domains 3 | Nucleus | transcription regulator | memory |
| -1.12 | 1554158\_at | ZMYND11 | zinc finger MYND-type containing 11 | Nucleus | transcription regulator | memory |
| -1.122 | 207417\_s\_at | ZNF177 | zinc finger protein 177 | Nucleus | transcription regulator | memory |
| -1.308 | 208542\_x\_at | ZNF208 | zinc finger protein 208 | Nucleus | transcription regulator | memory |
| -1.378 | 229360\_at | ZNF280B | zinc finger protein 280B | Nucleus | transcription regulator | memory |
| 1.025 | 1568951\_at | ZNF280D | zinc finger protein 280D | Other | other | memory |
| -1.01 | 1553612\_at | ZNF354B | zinc finger protein 354B | Other | other | memory |
| -1.107 | 234844\_at | ZNF407 | zinc finger protein 407 | Nucleus | transcription regulator | memory |
| 1.03 | 205928\_at | ZNF443 | zinc finger protein 443 | Nucleus | transcription regulator | memory |
| 1.183 | 213124\_at | ZNF473 | zinc finger protein 473 | Nucleus | other | memory |
| 1.491 | 232228\_at | ZNF530 | zinc finger protein 530 | Other | other | memory |
| 1.285 | 1553286\_at | ZNF555 | zinc finger protein 555 | Other | other | memory |
| -1.087 | 227952\_at | ZNF595 | zinc finger protein 595 | Nucleus | transcription regulator | memory |
| 1.019 | 232272\_at | ZNF624 | zinc finger protein 624 | Nucleus | transcription regulator | memory |
| -1.483 | 1552785\_at | ZNF781 | zinc finger protein 781 | Other | other | memory |
| -2.977 | 215767\_at | ZNF804A | zinc finger protein 804A | Plasma Membrane | other | memory |
| -1.205 | 243618\_s\_at | ZNF827 | zinc finger protein 827 | Other | other | memory |
| 1.041 | 1569157\_s\_at | ZNF846 | zinc finger protein 846 | Other | other | memory |
| -2.011 | 232315\_at | ZNF880 | zinc finger protein 880 | Other | other | memory |
| 1.109 | 239538\_at | ZRANB3 | zinc finger RANBP2-type containing 3 | Nucleus | enzyme | memory |