**Table S5**

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| Gene Id | **Symbol** | **Description** |
| GC08P024297\_at | ADAMDEC1 | ADAM-like, decysin 1 |
| GC03M058153\_at | DNASE1L3 | deoxyribonuclease I-like 3 |
| GC12M045755\_at | AMIGO2 | adhesion molecule with Ig-like domain 2 |
| GC01M160219\_at | OLFML2B | olfactomedin-like 2B |
| GC01M111827\_at | ADORA3 | adenosine A3 receptor |
| GC05M042835\_at | SEPP1 | selenoprotein P, plasma, 1 |
| GC0XM065158\_at | VSIG4 | V-set and immunoglobulin domain containing 4 |
| GC17M015073\_at | PMP22 | peripheral myelin protein 22 |
| GC14M092239\_at | LGMN | legumain |
| GC19P040465\_at | HAMP | hepcidin antimicrobial peptide |
| GC14P092720\_at | C14orf109 | chromosome 14 open reading frame 109 |
| GC06M003667\_at | C6orf145 | chromosome 6 open reading frame 145 |
| GC18M019365\_at | NPC1 | Niemann-Pick disease, type C1 |
| GC11M033681\_at | CD59 | CD59 molecule, complement regulatory protein |
| GC05M039408\_at | DAB2 | disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) |
| GC19M011546\_at | ACP5 | acid phosphatase 5, tartrate resistant |
| GC07M024704\_at | DFNA5 | deafness, autosomal dominant 5 |
| GC07P023252\_at | GPNMB | glycoprotein (transmembrane) nmb |
| GC06M041234\_at | TREM2 | triggering receptor expressed on myeloid cells 2 |
| GC12M009103\_at | A2M | alpha-2-macroglobulin |
| GC01P158063\_at | SLAMF8 | SLAM family member 8 |
| GC19P018358\_at | GDF15 | growth differentiation factor 15 |
| GC08M082553\_at | FABP4 | fatty acid binding protein 4, adipocyte |
| GC02M216516\_at | MREG | melanoregulin |
| GC12M026165\_at | BHLHE41 | basic helix-loop-helix family, member e41 |
| GC11P059804\_at | MS4A4A | membrane-spanning 4-domains, subfamily A, member 4 |
| GC02M188039\_at | TFPI | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) |
| GC0XM154158\_at | CLIC2 | chloride intracellular channel 2 |
| GC04M157902\_at | PDGFC | platelet derived growth factor C |
| GC16M028457\_at | NUPR1 | nuclear protein, transcriptional regulator, 1 |
| GC12M067531\_at | CPM | carboxypeptidase M |
| GC05M101597\_at | SLCO4C1 | solute carrier organic anion transporter family, member 4C1 |
| GC11P047236\_at | NR1H3 | nuclear receptor subfamily 1, group H, member 3 |
| GC01M056671\_at | PPAP2B | phosphatidic acid phosphatase type 2B |
| GC04P166468\_at | SC4MOL | sterol-C4-methyl oxidase-like |
| GC14P060517\_at | SLC38A6 | solute carrier family 38, member 6 |
| GC09P019281\_at | DENND4C | DENN/MADD domain containing 4C |
| GC07M091579\_at | CYP51A1 | cytochrome P450, family 51, subfamily A, polypeptide 1 |
| GC05P036642\_at | SLC1A3 | solute carrier family 1 (glial high affinity glutamate transporter), member 3 |
| GC11M061323\_at | FADS1 | fatty acid desaturase 1 |
| GC17P019378\_at | SLC47A1 | solute carrier family 47, member 1 |
| GC14P058174\_at | DACT1 | dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis) |
| GC19P050100\_at | APOE | apolipoprotein E |
| GC19P050109\_at | APOC1 | apolipoprotein C-I |
| GC01M055027\_at | DHCR24 | 24-dehydrocholesterol reductase |
| GC02P238432\_at | RAMP1 | receptor (G protein-coupled) activity modifying protein 1 |
| GC03P053855\_at | IL17RB | interleukin 17 receptor B |
| GC17P031415\_at | CCL18 | chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) |
| GC0XP043400\_at | MAOA | monoamine oxidase A |
| GC10P102096\_at | SCD | stearoyl-CoA desaturase (delta-9-desaturase) |
| GC20M043960\_at | PLTP | phospholipid transfer protein |
| GC16P022732\_at | HS3ST2 | heparan sulfate (glucosamine) 3-O-sulfotransferase 2 |
| GC13P097593\_at | FARP1 | FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived) |
| GC15P078232\_at | FAH | fumarylacetoacetate hydrolase (fumarylacetoacetase) |
| GC01P022835\_at | C1QA | complement component 1, q subcomponent, A chain |
| GC17P029707\_at | CCL13 | chemokine (C-C motif) ligand 13 |
| GC17M031364\_at | CCL23 | chemokine (C-C motif) ligand 23 |
| GC17P007883\_at | ALOX15B | arachidonate 15-lipoxygenase, type B |
| GC16P029597\_at | QPRT | quinolinate phosphoribosyltransferase |
| GC17M075513\_at | TBC1D16 | TBC1 domain family, member 16 |
| GC01P022852\_at | C1QB | complement component 1, q subcomponent, B chain |
| GC0XM037893\_at | SRPX | sushi-repeat-containing protein, X-linked |
| GC11M087666\_at | CTSC | cathepsin C |
| GC01M149035\_at | CTSK | cathepsin K |
| GC11P086427\_at | TMEM135 | transmembrane protein 135 |
| GC18M019996\_at | OSBPL1A | oxysterol binding protein-like 1A |
| GC11M005203\_at | HBB | hemoglobin, beta |
| GC04M084507\_at | HPSE | heparanase |
| GC01P157526\_at | FCER1A | Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide |
| GC02M229597\_at | PID1 | phosphotyrosine interaction domain containing 1 |
| GC15P037660\_at | THBS1 | thrombospondin 1 |
| GC07M141273\_at | CLEC5A | C-type lectin domain family 5, member A |
| GC04M075092\_at | PPBP | pro-platelet basic protein (chemokine (C-X-C motif) ligand 7) |
| GC01M032573\_at | MARCKSL1 | MARCKS-like 1 |
| GC04M075086\_at | PF4 | platelet factor 4 |
| GC22M036290\_at | LGALS2 | lectin, galactoside-binding, soluble, 2 |
| GC01P078858\_at | IFI44L | interferon-induced protein 44-like |
| GC03M173706\_at | TNFSF10 | tumor necrosis factor (ligand) superfamily, member 10 |
| GC11P000303\_at | IFITM1 | interferon induced transmembrane protein 1 (9-27) |
| GC05P137829\_at | EGR1 | early growth response 1 |
| GC12M009796\_at | CD69 | CD69 molecule |
| GC01M151629\_at | S100A8 | S100 calcium binding protein A8 |
| GC06M112089\_at | FYN | FYN oncogene related to SRC, FGR, YES |
| GC03P144320\_at | CHST2 | carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2 |
| GC04P074845\_at | IL8 | interleukin 8 |
| GC04P075470\_at | EREG | epiregulin |
| GC12M088244\_at | DUSP6 | dual specificity phosphatase 6 |
| GC20M023008\_at | CD93 | CD93 molecule |
| GC19P006838\_at | EMR1 | egf-like module containing, mucin-like, hormone receptor-like 1 |
| GC14P020493\_at | RNASE2 | ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) |
| GC02M156889\_at | NR4A2 | nuclear receptor subfamily 4, group A, member 2 |
| GC21M043659\_at | SIK1 | salt-inducible kinase 1 |
| GC19P050663\_at | FOSB | FBJ murine osteosarcoma viral oncogene homolog B |
| GC16P083412\_at | CRISPLD2 | cysteine-rich secretory protein LCCL domain containing 2 |
| GC01P065970\_at | PDE4B | phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila) |
| GC02P069995\_at | MXD1 | MAX dimerization protein 1 |
| GC05P082804\_at | VCAN | versican |
| GC06M133106\_at | VNN2 | vanin 2 |
| GC18P055718\_at | PMAIP1 | phorbol-12-myristate-13-acetate-induced protein 1 |
| GC09M136940\_at | FCN1 | ficolin (collagen/fibrinogen domain containing) 1 |
| GC01P245648\_at | NLRP3 | NLR family, pyrin domain containing 3 |
| GC01M159066\_at | CD244 | CD244 molecule, natural killer cell receptor 2B4 |
| GC01M167926\_at | SELL | selectin L |
| GC04M084305\_at | PLAC8 | placenta-specific 8 |
| GC19M010305\_at | ICAM3 | intercellular adhesion molecule 3 |
| GC01M151612\_at | S100A12 | S100 calcium binding protein A12 |
| GC01P191044\_at | RGS2 | regulator of G-protein signaling 2, 24kDa |