Table 2: Top differentially expressed probes

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| TargetID | CHROMOSOME | DEFINITION | logFC | adj.P.Val |
| Up-regulated |  |  |  |  |
| DEFA1B | 8 | defensin, alpha 1B (DEFA1B), mRNA. | 0.65 | 0.00017 |
| DEFA1B | 8 | defensin, alpha 1B (DEFA1B), mRNA. | 0.64 | 0.00018 |
| DEFA1B | 8 | defensin, alpha 1B (DEFA1B), mRNA. | 0.62 | 0.00027 |
| DEFA3 | 8 | defensin, alpha 3, neutrophil-specific (DEFA3), mRNA. | 0.62 | 0.00027 |
| DEFA1 | 8 | defensin, alpha 1 (DEFA1), mRNA. | 0.58 | 0.00023 |
| RPL9 | 4 | ribosomal protein L9 (RPL9), transcript variant 2, mRNA. | 0.51 | 0.000015 |
| RPL9 | 4 | ribosomal protein L9 (RPL9), transcript variant 2, mRNA. | 0.48 | 0.000022 |
| RPS3A | 4 | ribosomal protein S3A (RPS3A), mRNA. | 0.47 | 0.000039 |
| RPL17 | 18 | ribosomal protein L17 (RPL17), transcript variant 2, mRNA. | 0.47 | 0.000037 |
| RPL31 | 2 | ribosomal protein L31 (RPL31), transcript variant 1, mRNA. | 0.45 | 0.000033 |
| RPS15A | 16 | ribosomal protein S15a (RPS15A), transcript variant 1, mRNA. | 0.44 | 0.000012 |
| RPL17 | 18 | ribosomal protein L17 (RPL17), transcript variant 2, mRNA. | 0.44 | 0.000027 |
| CAMP | 3 | cathelicidin antimicrobial peptide (CAMP), mRNA. | 0.44 | 0.000078 |
| HINT1 | 5 | histidine triad nucleotide binding protein 1 (HINT1), mRNA. | 0.44 | 0.000012 |
| RPS29 | 14 | ribosomal protein S29 (RPS29), transcript variant 2, mRNA. | 0.43 | 0.000013 |
| RPL23 | 17 | ribosomal protein L23 (RPL23), mRNA. | 0.43 | 0.000027 |
| RPS15A | 16 | ribosomal protein S15a (RPS15A), transcript variant 2, mRNA. | 0.42 | 0.000012 |
| COX7C | 5 | cytochrome c oxidase subunit VIIc (COX7C), mRNA. | 0.42 | 0.000016 |
| RPS3A | 4 | ribosomal protein S3A (RPS3A), mRNA. | 0.41 | 0.000037 |
| RPL7 | 8 | ribosomal protein L7 (RPL7), mRNA. | 0.41 | 0.000036 |
| RPS3A | 4 | ribosomal protein S3A (RPS3A), mRNA. | 0.4 | 0.000043 |
| RPL26 | 17 | ribosomal protein L26 (RPL26), mRNA. | 0.38 | 0.00011 |
| NDUFA4 | 7 | NADH dehydrogenase 1 alpha subcomplex, 4, 9kDa (NDUFA4), mRNA. | 0.37 | 0.000012 |
| RPS15A | 16 | ribosomal protein S15a (RPS15A), transcript variant 2, mRNA. | 0.36 | 0.000094 |
| LCN2 | 9 | lipocalin 2 (LCN2), mRNA. | 0.35 | 0.0013 |
| RPS27 | 1 | ribosomal protein S27 (metallopanstimulin 1) (RPS27), mRNA. | 0.35 | 0.000017 |
| S100A8 | 1 | S100 calcium binding protein A8 (S100A8), mRNA. | 0.34 | 0.000022 |
| RPS17 | 15 | ribosomal protein S17 (RPS17), mRNA. | 0.34 | 0.0001 |
| CCDC72 | 3 | coiled-coil domain containing 72 (CCDC72), mRNA. | 0.33 | 0.000078 |
| RPS17 | 15 | ribosomal protein S17 (RPS17), mRNA. | 0.33 | 0.000025 |
| RPS24 | 10 | ribosomal protein S24 (RPS24), transcript variant 1, mRNA. | 0.32 | 0.000041 |
| RPL39 | X | ribosomal protein L39 (RPL39), mRNA. | 0.32 | 0.000031 |
| UQCRQ | 5 | ubiquinol-cytochrome c reductase, complex III subunit VII, (UQCRQ),mRNA. | 0.31 | 0.00001 |
| EEF1B2 | 2 | eukaryotic translation elongation factor 1 beta 2 (EEF1B2), mRNA. | 0.3 | 0.00013 |
| SNHG5 | 6 | small nucleolar RNA host gene (non-protein coding) 5 (SNHG5) | 0.3 | 0.00056 |
| COX6C | 8 | cytochrome c oxidase subunit VIc (COX6C), mRNA. | 0.3 | 0.000016 |
| RNASE2 | 14 | ribonuclease, RNase A family, 2 (RNASE2), mRNA. | 0.3 | 0.00031 |
| TPT1 | 13 | tumor protein, translationally-controlled 1 (TPT1), mRNA. | 0.3 | 0.0003 |
| RPL27 | 17 | ribosomal protein L27 (RPL27), mRNA. | 0.29 | 0.000024 |
| CD52 | 1 | CD52 molecule (CD52), mRNA. | 0.29 | 0.000026 |
| RBX1 | 22 | ring-box 1 (RBX1), mRNA. | 0.29 | 0.000016 |
| CNIH4 | 1 | cornichon homolog 4 (Drosophila) (CNIH4), mRNA. | 0.29 | 0.000012 |
| SNRPG | 2 | small nuclear ribonucleoprotein polypeptide G (SNRPG), mRNA. | 0.29 | 0.000035 |
| ANXA3 | 4 | annexin A3 (ANXA3), mRNA. | 0.28 | 0.0011 |
| ZNHIT3 | 17 | zinc finger, HIT type 3 (ZNHIT3), mRNA. | 0.28 | 0.000012 |
| EEF1B2 | 2 | eukaryotic translation elongation factor 1 beta 2 (EEF1B2), mRNA. | 0.28 | 0.000068 |
| RPS27 | 1 | ribosomal protein S27 (metallopanstimulin 1) (RPS27), mRNA. | 0.27 | 0.000041 |
| RPS18 | 6 | ribosomal protein S18 (RPS18), mRNA. | 0.27 | 0.000012 |
| RPS27 | 1 | ribosomal protein S27 (metallopanstimulin 1) (RPS27), mRNA. | 0.27 | 0.000026 |
| PSMA6 | 14 | proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA. | 0.27 | 0.000026 |

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| TargetID | CHROMOSOME | DEFINITION | logFC | adj.P.Val |
| Down-regulated |  |  |  |  |
| VWCE | 11 | von Willebrand factor C and EGF domains (VWCE), mRNA. | -0.44 | 0.000096 |
| SERPINA13 | 14 | serpin peptidase inhibitor, clade A (SERPINA13), mRNA. | -0.43 | 0.00034 |
| GP9 | 3 | glycoprotein IX (platelet) (GP9), mRNA. | -0.39 | 0.000012 |
| FCGR3A | 1 | Fc fragment of IgG, low affinity IIIa, receptor (FCGR3A), mRNA. | -0.37 | 0.00028 |
| NRGN | 11 | neurogranin (protein kinase C substrate, RC3) (NRGN), mRNA. | -0.37 | 0.000013 |
| SEPT5 | 22 | septin 5 (SEPT5), mRNA. | -0.35 | 0.000012 |
| MEGF10 | 5 | multiple EGF-like-domains 10 (MEGF10), mRNA. | -0.35 | 0.00021 |
| DPYSL5 | 2 | dihydropyrimidinase-like 5 (DPYSL5), mRNA. | -0.35 | 0.00028 |
| ADRA2C |  | PREDICTED: adrenergic, alpha-2C-, receptor (ADRA2C), mRNA. | -0.34 | 0.00011 |
| RNF213 | 17 | ring finger protein 213 (RNF213), mRNA. | -0.34 | 0.00059 |
| MUC6 | 11 | mucin 6, oligomeric mucus/gel-forming (MUC6), mRNA. | -0.32 | 0.00045 |
| CMTM3 | 16 | CKLF-like MARVEL transmembrane domain containing 3 (CMTM3) | -0.32 | 0.00019 |
| ACTRT1 | X | actin-related protein T1 (ACTRT1), mRNA. | -0.3 | 0.0002 |
| SPRYD3 | 12 | SPRY domain containing 3 (SPRYD3), mRNA. | -0.3 | 0.00037 |
| SLC6A10P | 16 | solute carrier family 6 (neurotransmitter transporter, creatine) | -0.3 | 0.002 |
| DNA2 | 10 | DNA replication helicase 2 homolog (yeast) (DNA2), mRNA. | -0.3 | 0.00044 |
| ROPN1B | 3 | ropporin, rhophilin associated protein 1B (ROPN1B), mRNA. | -0.29 | 0.00072 |
| FKBP8 | 19 | FK506 binding protein 8, 38kDa (FKBP8), mRNA. | -0.29 | 0.0002 |
| CLK2 |  | PREDICTED: CDC-like kinase 2, transcript variant 4 (CLK2), mRNA. | -0.28 | 0.0003 |
| MBNL3 | X | muscleblind-like 3 (Drosophila) (MBNL3), mRNA. | -0.28 | 0.0004 |
| BCR | 22 | breakpoint cluster region (BCR), transcript variant 2, mRNA. | -0.28 | 0.0048 |
| GPR175 | 3 | G protein-coupled receptor 175 (GPR175), mRNA. | -0.27 | 0.00043 |
| LYPD3 | 19 | LY6/PLAUR domain containing 3 (LYPD3), mRNA. | -0.27 | 0.00091 |
| IRX1 | 5 | iroquois homeobox 1 (IRX1), mRNA. | -0.27 | 0.00027 |
| C16ORF35 | 16 | chromosome 16 open reading frame 35 (C16orf35), mRNA. | -0.27 | 0.002 |
| LMNA | 1 | lamin A/C (LMNA), transcript variant 2, mRNA. | -0.27 | 0.0021 |
| RTF1 | 15 | Paf1/RNA polymerase II complex component, homolog (RTF1), mRNA. | -0.26 | 0.00033 |
| SEC14L1 | 17 | SEC14-like 1 (S. cerevisiae) (SEC14L1), mRNA. | -0.26 | 0.000022 |
| ST6GALNAC4 | 9 | ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 4, mRNA. | -0.26 | 0.00038 |
| SIPA1L3 | 19 | signal-induced proliferation-associated 1 like 3 (SIPA1L3), mRNA. | -0.26 | 0.00095 |
| DDR1 | 6 | discoidin domain receptor tyrosine kinase 1 (DDR1), mRNA. | -0.26 | 0.00042 |
| MED25 | 19 | mediator complex subunit 25 (MED25), mRNA. | -0.26 | 0.000012 |
| PTGS1 | 9 | prostaglandin-endoperoxide synthase 1 (PTGS1), mRNA. | -0.25 | 0.00012 |
| FZD7 | 2 | frizzled homolog 7 (Drosophila) (FZD7), mRNA. | -0.25 | 0.00032 |
| CD97 | 19 | CD97 molecule (CD97), mRNA. | -0.25 | 0.0000014 |
| ST6GALNAC4 | 9 | ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 4, mRNA. | -0.25 | 0.00055 |
| MBNL3 | X | muscleblind-like 3 (Drosophila) (MBNL3), mRNA. | -0.25 | 0.001 |
| FAM83F | 22 | family with sequence similarity 83, member F (FAM83F), mRNA. | -0.25 | 0.0027 |
| MED1 | 17 | mediator complex subunit 1 (MED1), mRNA. | -0.25 | 0.0014 |
| SEC14L1 | 17 | SEC14-like 1 (S. cerevisiae) (SEC14L1), mRNA. | -0.24 | 0.000041 |
| ATXN10 | 22 | ataxin 10 (ATXN10), mRNA. | -0.24 | 0.0013 |
| ATP6V0C |  | PREDICTED: ATPase, lysosomal 16kDa (ATP6V0C), mRNA. | -0.24 | 0.00021 |
| NOL10 | 2 | nucleolar protein 10 (NOL10), mRNA. | -0.24 | 0.0024 |
| RNF10 | 12 | ring finger protein 10 (RNF10), mRNA. | -0.24 | 0.0019 |
| TUBB1 | 20 | tubulin, beta 1 (TUBB1), mRNA. | -0.24 | 0.00025 |
| IL8RB | 2 | interleukin 8 receptor, beta (IL8RB), mRNA. | -0.24 | 0.000077 |
| SEC14L1 | 17 | SEC14-like 1 (SEC14L1), mRNA. | -0.24 | 0.000027 |
| MYADM | 19 | myeloid-associated differentiation marker (MYADM), mRNA. | -0.24 | 0.000057 |
| UBXN6 | 19 | UBX domain protein 6 (UBXN6), mRNA. | -0.24 | 0.00081 |
| FCRL2 | 1 | Fc receptor-like 2 (FCRL2), transcript variant 2, mRNA. | -0.23 | 0.00095 |