**Supplemental Table 1. Adult UC disease profile represented by a panel of 2253 transcripts significantly modulated between UC (n=87 in PURSUIT) and aged-matched normal subjects (n=21)**

|  |  |  |  |
| --- | --- | --- | --- |
| Probe Set ID | Fold change | FDR adjusted P-value | Gene Symbol |
| 209395\_PM\_at | 37.2 | 3.56E-19 | CHI3L1 |
| 205828\_PM\_at | 34.43 | 9.50E-20 | MMP3 |
| 219795\_PM\_at | 32.21 | 2.23E-35 | SLC6A14 |
| 219727\_PM\_at | 30.15 | 3.32E-28 | DUOX2 |
| 207356\_PM\_at | 23.98 | 2.23E-12 | DEFB4A |
| 209396\_PM\_s\_at | 23.7 | 7.99E-19 | CHI3L1 |
| 202917\_PM\_s\_at | 19.85 | 6.15E-19 | S100A8 |
| 208607\_PM\_s\_at | 16.58 | 7.92E-16 | SAA1 |
| 214370\_PM\_at | 16.56 | 2.00E-18 | S100A8 |
| 202859\_PM\_x\_at | 15.97 | 1.14E-14 | IL8 |
| 220655\_PM\_at | 14.74 | 3.29E-16 | TNIP3 |
| 205815\_PM\_at | 14.65 | 8.18E-10 | REG3A |
| 204470\_PM\_at | 14.07 | 1.80E-23 | CXCL1 |
| 209752\_PM\_at | 13.05 | 1.48E-09 | REG1A |
| 214456\_PM\_x\_at | 12.51 | 7.14E-17 | SAA1 |
| 227140\_PM\_at | 12.43 | 2.43E-15 | INHBA |
| 205886\_PM\_at | 11.95 | 9.89E-07 | REG1B |
| 205844\_PM\_at | 10.69 | 1.33E-20 | VNN1 |
| 205680\_PM\_at | 10.65 | 4.76E-16 | MMP10 |
| 209792\_PM\_s\_at | 10.64 | 8.34E-10 | KLK10 |
| 204007\_PM\_at | 10.52 | 5.92E-13 | FCGR3B |
| 205220\_PM\_at | 9.96 | 1.13E-10 | GPR109B |
| 205568\_PM\_at | 9.93 | 7.24E-11 | AQP9 |
| 232629\_PM\_at | 9.48 | 3.77E-10 | PROK2 |
| 230615\_PM\_at | 9.47 | 3.79E-19 | DUOXA2 |
| 207529\_PM\_at | 9.23 | 1.59E-07 | DEFA5 |
| 204855\_PM\_at | 9.21 | 5.42E-16 | SERPINB5 |
| 205513\_PM\_at | 8.99 | 9.06E-12 | TCN1 |
| 207814\_PM\_at | 8.78 | 1.69E-08 | DEFA6 |
| 205067\_PM\_at | 8.77 | 9.35E-13 | IL1B |
| 230746\_PM\_s\_at | 8.41 | 1.15E-11 | STC1 |
| 226695\_PM\_at | 8.38 | 8.43E-20 | PRRX1 |
| 210029\_PM\_at | 8.34 | 1.90E-13 | IDO1 |
| 39402\_PM\_at | 8.3 | 1.49E-13 | IL1B |
| 209774\_PM\_x\_at | 8.18 | 8.51E-17 | CXCL2 |
| 212657\_PM\_s\_at | 8.1 | 9.48E-22 | IL1RN |
| 203915\_PM\_at | 7.88 | 2.26E-15 | CXCL9 |
| 227697\_PM\_at | 7.78 | 1.05E-16 | SOCS3 |
| 202376\_PM\_at | 7.78 | 2.20E-13 | SERPINA3 |
| 235229\_PM\_at | 7.74 | 1.81E-14 | 235229\_PM\_at |
| 210163\_PM\_at | 7.53 | 3.39E-12 | CXCL11 |
| 202504\_PM\_at | 7.39 | 4.76E-21 | TRIM29 |
| 205890\_PM\_s\_at | 7.25 | 2.10E-17 | UBD |
| 204475\_PM\_at | 7.18 | 1.83E-15 | MMP1 |
| 205242\_PM\_at | 7.18 | 1.13E-09 | CXCL13 |
| 212531\_PM\_at | 7.13 | 8.69E-27 | LCN2 |
| 221898\_PM\_at | 7.06 | 4.88E-18 | PDPN |
| 236341\_PM\_at | 7.02 | 4.28E-16 | CTLA4 |
| 218468\_PM\_s\_at | 6.99 | 6.98E-13 | GREM1 |
| 1554436\_PM\_a\_at | 6.98 | 8.29E-13 | REG4 |
| 206172\_PM\_at | 6.94 | 3.93E-09 | IL13RA2 |
| 213680\_PM\_at | 6.84 | 5.07E-11 | KRT6B |
| 217388\_PM\_s\_at | 6.81 | 3.33E-17 | KYNU |
| 229802\_PM\_at | 6.76 | 4.99E-13 | WISP1 |
| 204595\_PM\_s\_at | 6.6 | 1.15E-08 | STC1 |
| 214974\_PM\_x\_at | 6.54 | 3.00E-07 | CXCL5 |
| 204597\_PM\_x\_at | 6.53 | 2.49E-10 | STC1 |
| 201645\_PM\_at | 6.35 | 1.89E-14 | TNC |
| 205681\_PM\_at | 6.27 | 6.15E-13 | BCL2A1 |
| 206336\_PM\_at | 6.24 | 1.08E-11 | CXCL6 |
| 205119\_PM\_s\_at | 6.12 | 6.97E-12 | FPR1 |
| 218469\_PM\_at | 5.99 | 4.49E-13 | GREM1 |
| 204580\_PM\_at | 5.99 | 4.63E-17 | MMP12 |
| 203936\_PM\_s\_at | 5.92 | 6.48E-15 | MMP9 |
| 207850\_PM\_at | 5.9 | 2.06E-19 | CXCL3 |
| 205943\_PM\_at | 5.85 | 1.08E-12 | TDO2 |
| 204748\_PM\_at | 5.83 | 2.68E-08 | PTGS2 |
| 212942\_PM\_s\_at | 5.79 | 7.81E-09 | KIAA1199 |
| 205863\_PM\_at | 5.77 | 5.22E-08 | S100A12 |
| 203535\_PM\_at | 5.74 | 3.51E-12 | S100A9 |
| 235821\_PM\_at | 5.72 | 3.15E-11 | WISP1 |
| 32128\_PM\_at | 5.69 | 8.98E-11 | CCL18 |
| 1558549\_PM\_s\_at | 5.62 | 1.80E-15 | VNN1 |
| 230318\_PM\_at | 5.6 | 2.81E-13 | SERPINA1 |
| 206026\_PM\_s\_at | 5.58 | 7.26E-09 | TNFAIP6 |
| 203256\_PM\_at | 5.32 | 1.63E-18 | CDH3 |
| 1555404\_PM\_a\_at | 5.32 | 3.70E-15 | DUOXA1 |
| 205569\_PM\_at | 5.31 | 4.31E-14 | LAMP3 |
| 204533\_PM\_at | 5.31 | 2.37E-10 | CXCL10 |
| 241031\_PM\_at | 5.27 | 3.73E-16 | C2CD4A |
| 229152\_PM\_at | 5.21 | 3.89E-07 | C4orf7 |
| 204385\_PM\_at | 5.16 | 5.03E-13 | KYNU |
| 204563\_PM\_at | 5.14 | 1.44E-10 | SELL |
| 208250\_PM\_s\_at | 5.13 | 2.57E-12 | DMBT1 |
| 201289\_PM\_at | 5.1 | 1.89E-14 | CYR61 |
| 222858\_PM\_s\_at | 5.09 | 8.77E-20 | DAPP1 |
| 206049\_PM\_at | 5.03 | 7.89E-13 | SELP |
| 203708\_PM\_at | 5 | 2.39E-13 | JNJGH053622 |
| 203691\_PM\_at | 4.97 | 3.29E-23 | PI3 |
| 217767\_PM\_at | 4.97 | 1.72E-13 | C3 |
| 231647\_PM\_s\_at | 4.95 | 6.68E-11 | FCRL5 |
| 227458\_PM\_at | 4.93 | 8.93E-14 | CD274 |
| 208209\_PM\_s\_at | 4.9 | 1.55E-14 | C4BPB |
| 41469\_PM\_at | 4.9 | 5.97E-25 | PI3 |
| 210663\_PM\_s\_at | 4.83 | 1.88E-11 | KYNU |
| 209875\_PM\_s\_at | 4.82 | 1.68E-07 | SPP1 |
| 203083\_PM\_at | 4.8 | 1.32E-09 | THBS2 |
| 242020\_PM\_s\_at | 4.78 | 2.49E-14 | ZBP1 |
| 223509\_PM\_at | 4.78 | 6.14E-15 | CLDN2 |
| 231559\_PM\_at | 4.77 | 1.03E-14 | NNMT |
| 231577\_PM\_s\_at | 4.71 | 2.51E-12 | GBP1 |
| 204259\_PM\_at | 4.67 | 4.93E-12 | MMP7 |
| 202018\_PM\_s\_at | 4.65 | 3.00E-07 | LTF |
| 243296\_PM\_at | 4.63 | 4.65E-11 | NAMPT |
| 219614\_PM\_s\_at | 4.58 | 4.75E-13 | SLC6A20 |
| 228592\_PM\_at | 4.55 | 5.51E-07 | MS4A1 |
| 202357\_PM\_s\_at | 4.54 | 2.61E-20 | CFB |
| 208438\_PM\_s\_at | 4.54 | 5.91E-14 | FGR |
| 217418\_PM\_x\_at | 4.53 | 1.66E-06 | MS4A1 |
| 213832\_PM\_at | 4.48 | 8.77E-20 | KCND3 |
| 219454\_PM\_at | 4.46 | 2.26E-08 | EGFL6 |
| 213943\_PM\_at | 4.43 | 2.03E-11 | TWIST1 |
| 213060\_PM\_s\_at | 4.42 | 2.26E-09 | CHI3L2 |
| 206569\_PM\_at | 4.41 | 1.03E-07 | IL24 |
| 209959\_PM\_at | 4.4 | 8.37E-09 | NR4A3 |
| 202499\_PM\_s\_at | 4.38 | 3.13E-13 | SLC2A3 |
| 222934\_PM\_s\_at | 4.37 | 1.85E-10 | CLEC4E |
| 210164\_PM\_at | 4.36 | 4.46E-11 | GZMB |
| 210146\_PM\_x\_at | 4.34 | 2.75E-12 | LILRB2 |
| 201666\_PM\_at | 4.33 | 8.11E-28 | TIMP1 |
| 217552\_PM\_x\_at | 4.33 | 8.63E-11 | CR1 |
| 201925\_PM\_s\_at | 4.33 | 1.63E-17 | CD55 |
| 209071\_PM\_s\_at | 4.32 | 2.34E-12 | RGS5 |
| 203591\_PM\_s\_at | 4.31 | 3.46E-09 | CSF3R |
| 201042\_PM\_at | 4.31 | 7.56E-19 | TGM2 |
| 204337\_PM\_at | 4.29 | 6.01E-09 | RGS4 |
| 209924\_PM\_at | 4.28 | 6.63E-10 | CCL18 |
| 202286\_PM\_s\_at | 4.28 | 2.02E-12 | TACSTD2 |
| 228863\_PM\_at | 4.26 | 1.14E-13 | PCDH17 |
| 213131\_PM\_at | 4.26 | 4.69E-14 | OLFM1 |
| 230784\_PM\_at | 4.26 | 3.28E-06 | PRAC |
| 206421\_PM\_s\_at | 4.24 | 2.19E-06 | SERPINB7 |
| 207610\_PM\_s\_at | 4.24 | 9.19E-13 | EMR2 |
| 238674\_PM\_at | 4.23 | 6.53E-06 | 238674\_PM\_at |
| 207008\_PM\_at | 4.21 | 1.54E-08 | CXCR2 |
| 223447\_PM\_at | 4.21 | 7.99E-20 | REG4 |
| 231880\_PM\_at | 4.21 | 2.28E-13 | FAM40B |
| 1553297\_PM\_a\_at | 4.19 | 2.35E-08 | CSF3R |
| 202270\_PM\_at | 4.15 | 2.34E-15 | GBP1 |
| 206666\_PM\_at | 4.15 | 3.84E-14 | GZMK |
| 226034\_PM\_at | 4.15 | 9.59E-15 | 226034\_PM\_at |
| 208078\_PM\_s\_at | 4.14 | 4.84E-14 | SIK1 |
| 203854\_PM\_at | 4.12 | 8.30E-12 | CFI |
| 222859\_PM\_s\_at | 4.1 | 6.81E-16 | DAPP1 |
| 217999\_PM\_s\_at | 4.07 | 1.73E-13 | PHLDA1 |
| 227677\_PM\_at | 4.04 | 2.00E-11 | JAK3 |
| 220423\_PM\_at | 4.03 | 7.83E-08 | PLA2G2D |
| 202238\_PM\_s\_at | 4.02 | 6.22E-15 | NNMT |
| 1562056\_PM\_at | 4 | 7.70E-12 | 1562056\_PM\_at |
| 205916\_PM\_at | 3.99 | 8.27E-05 | S100A7 |
| 219667\_PM\_s\_at | 3.99 | 2.61E-07 | BANK1 |
| 202237\_PM\_at | 3.99 | 8.04E-16 | NNMT |
| 209955\_PM\_s\_at | 3.98 | 1.02E-08 | FAP |
| 1555950\_PM\_a\_at | 3.97 | 6.78E-17 | CD55 |
| 242814\_PM\_at | 3.97 | 1.83E-14 | SERPINB9 |
| 223565\_PM\_at | 3.94 | 1.93E-10 | MZB1 |
| 205476\_PM\_at | 3.94 | 1.71E-09 | CCL20 |
| 211430\_PM\_s\_at | 3.93 | 7.19E-28 | ENSG00000211896 |
| 1553589\_PM\_a\_at | 3.91 | 5.80E-18 | PDZK1IP1 |
| 236045\_PM\_x\_at | 3.91 | 1.92E-14 | 236045\_PM\_x\_at |
| 204959\_PM\_at | 3.91 | 2.69E-10 | MNDA |
| 205114\_PM\_s\_at | 3.91 | 3.49E-08 | CCL3 |
| 207016\_PM\_s\_at | 3.9 | 6.74E-09 | ALDH1A2 |
| 226769\_PM\_at | 3.89 | 1.37E-09 | FIBIN |
| 201926\_PM\_s\_at | 3.88 | 5.64E-17 | CD55 |
| 226621\_PM\_at | 3.87 | 1.25E-15 | FGG |
| 216598\_PM\_s\_at | 3.87 | 3.43E-11 | CCL2 |
| 203921\_PM\_at | 3.87 | 4.63E-15 | CHST2 |
| 203817\_PM\_at | 3.87 | 3.21E-15 | GUCY1B3 |
| 211958\_PM\_at | 3.86 | 7.36E-10 | IGFBP5 |
| 229723\_PM\_at | 3.86 | 4.91E-10 | TAGAP |
| 218404\_PM\_at | 3.85 | 1.19E-13 | SNX10 |
| 210072\_PM\_at | 3.85 | 1.61E-07 | CCL19 |
| 224406\_PM\_s\_at | 3.84 | 1.45E-09 | FCRL5 |
| 205671\_PM\_s\_at | 3.82 | 2.80E-10 | HLA-DOB |
| 227262\_PM\_at | 3.81 | 9.22E-15 | HAPLN3 |
| 210356\_PM\_x\_at | 3.81 | 9.19E-06 | MS4A1 |
| 203619\_PM\_s\_at | 3.8 | 4.16E-16 | FAIM2 |
| 213817\_PM\_at | 3.8 | 2.22E-21 | IRAK3 |
| 224405\_PM\_at | 3.79 | 8.86E-10 | FCRL5 |
| 213905\_PM\_x\_at | 3.79 | 4.59E-12 | BGN |
| 240915\_PM\_at | 3.79 | 1.80E-06 | ENSG00000211973 |
| 229437\_PM\_at | 3.78 | 3.06E-09 | MIR155HG |
| 227870\_PM\_at | 3.77 | 2.45E-17 | IGDCC4 |
| 209949\_PM\_at | 3.77 | 3.65E-12 | NCF2 |
| 217997\_PM\_at | 3.76 | 1.89E-14 | PHLDA1 |
| 207734\_PM\_at | 3.76 | 7.55E-12 | LAX1 |
| 225664\_PM\_at | 3.76 | 9.12E-09 | COL12A1 |
| 231418\_PM\_at | 3.76 | 5.94E-06 | MS4A1 |
| 203434\_PM\_s\_at | 3.75 | 2.75E-09 | MME |
| 222088\_PM\_s\_at | 3.75 | 1.94E-09 | SLC2A14 |
| 1554966\_PM\_a\_at | 3.74 | 2.90E-16 | FILIP1L |
| 200628\_PM\_s\_at | 3.74 | 2.00E-16 | WARS |
| 223503\_PM\_at | 3.71 | 9.29E-09 | TMEM163 |
| 202311\_PM\_s\_at | 3.7 | 1.01E-09 | COL1A1 |
| 213358\_PM\_at | 3.68 | 2.07E-14 | KIAA0802 |
| 209960\_PM\_at | 3.67 | 1.06E-09 | HGF |
| 201261\_PM\_x\_at | 3.66 | 1.88E-12 | BGN |
| 240118\_PM\_at | 3.65 | 1.47E-09 | SNN |
| 208983\_PM\_s\_at | 3.64 | 6.15E-13 | PECAM1 |
| 205479\_PM\_s\_at | 3.63 | 5.12E-14 | PLAU |
| 226311\_PM\_at | 3.63 | 3.34E-12 | 226311\_PM\_at |
| 209070\_PM\_s\_at | 3.63 | 1.48E-09 | RGS5 |
| 205927\_PM\_s\_at | 3.62 | 4.30E-11 | CTSE |
| 219584\_PM\_at | 3.62 | 3.81E-13 | PLA1A |
| 225681\_PM\_at | 3.61 | 1.76E-09 | CTHRC1 |
| 201012\_PM\_at | 3.6 | 1.23E-16 | ANXA1 |
| 217996\_PM\_at | 3.59 | 1.25E-12 | PHLDA1 |
| 209821\_PM\_at | 3.59 | 8.23E-11 | IL33 |
| 210184\_PM\_at | 3.58 | 6.53E-12 | ITGAX |
| 219630\_PM\_at | 3.57 | 4.94E-17 | PDZK1IP1 |
| 205903\_PM\_s\_at | 3.57 | 2.01E-11 | KCNN3 |
| 231093\_PM\_at | 3.57 | 7.63E-07 | FCRL3 |
| 225842\_PM\_at | 3.56 | 2.55E-13 | PHLDA1 |
| 204015\_PM\_s\_at | 3.56 | 2.51E-16 | DUSP4 |
| 223586\_PM\_at | 3.55 | 5.53E-22 | ARNTL2 |
| 222162\_PM\_s\_at | 3.54 | 2.07E-14 | ADAMTS1 |
| 212187\_PM\_x\_at | 3.52 | 1.84E-09 | PTGDS |
| 232297\_PM\_at | 3.51 | 1.74E-12 | KLHL5 |
| 210423\_PM\_s\_at | 3.51 | 2.92E-07 | SLC11A1 |
| 209030\_PM\_s\_at | 3.5 | 4.81E-13 | CADM1 |
| 206478\_PM\_at | 3.5 | 2.96E-08 | KIAA0125 |
| 206115\_PM\_at | 3.5 | 5.52E-09 | EGR3 |
| 211634\_PM\_x\_at | 3.49 | 3.65E-10 | IGHV1-69 |
| 211122\_PM\_s\_at | 3.49 | 5.21E-06 | CXCL11 |
| 210367\_PM\_s\_at | 3.47 | 4.31E-10 | PTGES |
| 209695\_PM\_at | 3.47 | 9.89E-08 | PTP4A3 |
| 203424\_PM\_s\_at | 3.47 | 1.49E-10 | IGFBP5 |
| 210448\_PM\_s\_at | 3.47 | 2.88E-08 | P2RX5 |
| 208451\_PM\_s\_at | 3.46 | 1.32E-09 | LOC100293534 |
| 230537\_PM\_at | 3.43 | 2.86E-11 | 230537\_PM\_at |
| 225987\_PM\_at | 3.43 | 8.25E-11 | STEAP4 |
| 204575\_PM\_s\_at | 3.43 | 4.27E-12 | MMP19 |
| 227846\_PM\_at | 3.43 | 1.52E-12 | GPR176 |
| 205234\_PM\_at | 3.42 | 1.84E-08 | SLC16A4 |
| 220293\_PM\_at | 3.42 | 2.50E-10 | CATSPERB |
| 217238\_PM\_s\_at | 3.4 | 7.04E-05 | ALDOB |
| 237753\_PM\_at | 3.39 | 1.47E-09 | IL21R |
| 211635\_PM\_x\_at | 3.39 | 9.39E-10 | IGHV1-69 |
| 206513\_PM\_at | 3.39 | 1.45E-11 | AIM2 |
| 243780\_PM\_at | 3.38 | 3.44E-07 | 243780\_PM\_at |
| 238017\_PM\_at | 3.38 | 5.47E-14 | SDR16C5 |
| 1557389\_PM\_at | 3.38 | 2.25E-10 | 1557389\_PM\_at |
| 1555779\_PM\_a\_at | 3.37 | 8.71E-11 | CD79A |
| 228339\_PM\_at | 3.37 | 4.97E-15 | ECSCR |
| 219033\_PM\_at | 3.37 | 9.34E-24 | PARP8 |
| 210133\_PM\_at | 3.37 | 4.54E-13 | CCL11 |
| 211639\_PM\_x\_at | 3.37 | 5.88E-11 | ENSG00000211956 |
| 215465\_PM\_at | 3.37 | 1.66E-13 | ABCA12 |
| 207509\_PM\_s\_at | 3.36 | 1.99E-07 | LAIR2 |
| 202450\_PM\_s\_at | 3.36 | 6.03E-17 | CTSK |
| 219434\_PM\_at | 3.35 | 8.46E-07 | TREM1 |
| 215214\_PM\_at | 3.35 | 3.44E-11 | IGLV3-25 |
| 1555997\_PM\_s\_at | 3.35 | 1.03E-08 | IGFBP5 |
| 228599\_PM\_at | 3.35 | 2.34E-05 | MS4A1 |
| 202478\_PM\_at | 3.35 | 1.50E-14 | TRIB2 |
| 204351\_PM\_at | 3.35 | 1.35E-21 | S100P |
| 213524\_PM\_s\_at | 3.34 | 1.14E-09 | G0S2 |
| 202637\_PM\_s\_at | 3.34 | 7.97E-14 | ICAM1 |
| 205654\_PM\_at | 3.33 | 1.41E-08 | C4BPA |
| 204472\_PM\_at | 3.33 | 2.65E-10 | GEM |
| 208850\_PM\_s\_at | 3.33 | 3.01E-14 | THY1 |
| 238984\_PM\_at | 3.33 | 7.56E-09 | REG4 |
| 202269\_PM\_x\_at | 3.33 | 2.25E-11 | GBP1 |
| 212624\_PM\_s\_at | 3.33 | 2.57E-11 | CHN1 |
| 211959\_PM\_at | 3.33 | 5.04E-14 | IGFBP5 |
| 207096\_PM\_at | 3.32 | 2.04E-07 | SAA4 |
| 227780\_PM\_s\_at | 3.32 | 1.82E-15 | ECSCR |
| 209921\_PM\_at | 3.31 | 1.08E-12 | SLC7A11 |
| 205544\_PM\_s\_at | 3.31 | 0.0001 | CR2 |
| 203888\_PM\_at | 3.3 | 1.71E-09 | THBD |
| 244313\_PM\_at | 3.3 | 8.38E-10 | CR1 |
| 228585\_PM\_at | 3.3 | 2.06E-11 | ENTPD1 |
| 229450\_PM\_at | 3.29 | 4.43E-11 | IFIT3 |
| 238581\_PM\_at | 3.29 | 6.96E-10 | GBP5 |
| 221091\_PM\_at | 3.29 | 0.0004 | INSL5 |
| 224204\_PM\_x\_at | 3.29 | 2.61E-20 | ARNTL2 |
| 208851\_PM\_s\_at | 3.29 | 4.53E-15 | THY1 |
| 211640\_PM\_x\_at | 3.28 | 3.56E-10 | IGHV1-69 |
| 208433\_PM\_s\_at | 3.27 | 2.68E-17 | LRP8 |
| 207238\_PM\_s\_at | 3.27 | 1.62E-10 | PTPRC |
| 211637\_PM\_x\_at | 3.27 | 1.88E-10 | ENSG00000211969 |
| 230983\_PM\_at | 3.27 | 0.0002 | FAM129C |
| 209546\_PM\_s\_at | 3.26 | 9.21E-17 | APOL1 |
| 227342\_PM\_s\_at | 3.26 | 2.91E-14 | MYEOV |
| 210119\_PM\_at | 3.26 | 7.47E-07 | KCNJ15 |
| 1554741\_PM\_s\_at | 3.25 | 9.04E-09 | FGF7 |
| 230877\_PM\_at | 3.25 | 8.15E-05 | ENSG00000211898 |
| 205404\_PM\_at | 3.25 | 1.06E-07 | HSD11B1 |
| 201389\_PM\_at | 3.24 | 8.05E-16 | ITGA5 |
| 203471\_PM\_s\_at | 3.24 | 1.02E-09 | PLEK |
| 205419\_PM\_at | 3.23 | 1.96E-12 | GPR183 |
| 236787\_PM\_at | 3.23 | 1.01E-11 | 236787\_PM\_at |
| 208791\_PM\_at | 3.23 | 9.04E-10 | CLU |
| 215223\_PM\_s\_at | 3.21 | 2.48E-10 | SOD2 |
| 207861\_PM\_at | 3.2 | 1.87E-09 | CCL22 |
| 227289\_PM\_at | 3.19 | 1.96E-12 | PCDH17 |
| 223987\_PM\_at | 3.19 | 4.31E-09 | CHRDL2 |
| 205153\_PM\_s\_at | 3.19 | 3.78E-16 | CD40 |
| 203887\_PM\_s\_at | 3.19 | 4.46E-12 | THBD |
| 243764\_PM\_at | 3.19 | 6.66E-07 | VSIG1 |
| 201195\_PM\_s\_at | 3.19 | 3.18E-13 | SLC7A5 |
| 207173\_PM\_x\_at | 3.18 | 2.11E-13 | CDH11 |
| 239946\_PM\_at | 3.18 | 5.20E-07 | KIAA0922 |
| 216853\_PM\_x\_at | 3.17 | 1.12E-11 | CKAP2 |
| 204103\_PM\_at | 3.17 | 3.12E-09 | CCL4 |
| 243968\_PM\_x\_at | 3.17 | 1.49E-05 | FCRL1 |
| 227860\_PM\_at | 3.16 | 2.08E-12 | CPXM1 |
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| 1563473\_PM\_at | 3.16 | 3.98E-08 | PPP1R16B |
| 229934\_PM\_at | 3.16 | 1.25E-10 | 229934\_PM\_at |
| 213869\_PM\_x\_at | 3.15 | 1.83E-14 | THY1 |
| 229625\_PM\_at | 3.15 | 5.85E-11 | GBP5 |
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| 212950\_PM\_at | 3.14 | 5.96E-11 | GPR116 |
| 204014\_PM\_at | 3.14 | 7.38E-14 | DUSP4 |
| 216573\_PM\_at | 3.13 | 2.02E-09 | IGLV1-44 /// LOC100290557 |
| 208792\_PM\_s\_at | 3.13 | 9.10E-10 | CLU |
| 206983\_PM\_at | 3.13 | 1.45E-09 | CCR6 |
| 205825\_PM\_at | 3.13 | 1.41E-07 | PCSK1 |
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| 204972\_PM\_at | 3.12 | 9.39E-12 | OAS2 |
| 207697\_PM\_x\_at | 3.11 | 7.49E-12 | LILRB2 |
| 215925\_PM\_s\_at | 3.11 | 6.77E-08 | CD72 |
| 1558662\_PM\_s\_at | 3.1 | 9.42E-07 | BANK1 |
| 216852\_PM\_x\_at | 3.1 | 2.29E-11 | CKAP2 |
| 211881\_PM\_x\_at | 3.1 | 1.01E-13 | IGLV3-19 |
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| 217762\_PM\_s\_at | 3.1 | 1.56E-11 | RAB31 |
| 221286\_PM\_s\_at | 3.09 | 6.03E-10 | MZB1 |
| 232224\_PM\_at | 3.09 | 5.20E-07 | MASP1 |
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| 231776\_PM\_at | 3.09 | 4.49E-13 | EOMES |
| 226725\_PM\_at | 3.08 | 4.15E-15 | SLFN5 |
| 229721\_PM\_x\_at | 3.08 | 3.56E-10 | DERL3 |
| 211663\_PM\_x\_at | 3.07 | 1.06E-08 | PTGDS |
| 226237\_PM\_at | 3.07 | 7.00E-06 | COL8A1 |
| 228898\_PM\_s\_at | 3.07 | 1.86E-10 | DERL3 |
| 204705\_PM\_x\_at | 3.07 | 4.85E-05 | ALDOB |
| 213293\_PM\_s\_at | 3.06 | 1.72E-13 | TRIM22 |
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| 229584\_PM\_at | 3.04 | 4.06E-07 | LRRK2 |
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| 206380\_PM\_s\_at | 3.04 | 1.60E-12 | CFP |
| 201438\_PM\_at | 3.03 | 1.10E-19 | COL6A3 |
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| 235643\_PM\_at | 3.03 | 1.10E-08 | SAMD9L |
| 204135\_PM\_at | 3.03 | 6.78E-17 | FILIP1L |
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| 208092\_PM\_s\_at | 3.02 | 5.29E-12 | FAM49A |
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| 206398\_PM\_s\_at | 3.01 | 1.15E-06 | CD19 |
| 224348\_PM\_s\_at | 3.01 | 2.32E-05 | 224348\_PM\_s\_at |
| 216560\_PM\_x\_at | 3.01 | 5.96E-11 | ENSG00000211669 |
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| 225381\_PM\_at | 3 | 2.79E-11 | MIR100HG |
| 220014\_PM\_at | 3 | 4.74E-10 | PRR16 |
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| 215036\_PM\_at | 2.99 | 6.42E-09 | IGLV6-57 |
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| 224404\_PM\_s\_at | 2.98 | 3.42E-09 | FCRL5 |
| 1557905\_PM\_s\_at | 2.98 | 7.58E-13 | CD44 |
| 211340\_PM\_s\_at | 2.97 | 6.27E-13 | MCAM |
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| 214511\_PM\_x\_at | 2.95 | 3.21E-09 | FCGR1B |
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| 203649\_PM\_s\_at | 2.94 | 1.03E-15 | PLA2G2A |
| 217422\_PM\_s\_at | 2.94 | 3.08E-05 | CD22 |
| 203052\_PM\_at | 2.94 | 2.03E-20 | C2 |
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| 210037\_PM\_s\_at | 2.93 | 5.45E-09 | NOS2 |
| 218723\_PM\_s\_at | 2.93 | 5.23E-15 | C13orf15 |
| 210785\_PM\_s\_at | 2.93 | 3.53E-12 | C1orf38 |
| 221942\_PM\_s\_at | 2.93 | 1.94E-09 | GUCY1A3 |
| 216430\_PM\_x\_at | 2.93 | 5.01E-11 | ENSG00000211653 |
| 1556183\_PM\_at | 2.93 | 3.31E-07 | ANKRD36B |
| 212588\_PM\_at | 2.93 | 6.94E-12 | PTPRC |
| 222830\_PM\_at | 2.93 | 2.13E-15 | GRHL1 |
| 211367\_PM\_s\_at | 2.93 | 1.49E-13 | CASP1 |
| 213194\_PM\_at | 2.92 | 2.27E-12 | ROBO1 |
| 204457\_PM\_s\_at | 2.92 | 0.0005 | GAS1 |
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| 225033\_PM\_at | 2.92 | 3.54E-13 | ST3GAL1 |
| 227168\_PM\_at | 2.92 | 1.04E-08 | MIAT |
| 228636\_PM\_at | 2.91 | 2.36E-09 | BHLHE22 |
| 203761\_PM\_at | 2.91 | 2.09E-14 | SLA |
| 203435\_PM\_s\_at | 2.91 | 2.90E-08 | MME |
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| 204006\_PM\_s\_at | 2.91 | 1.36E-05 | FCGR3B |
| 227295\_PM\_at | 2.91 | 6.76E-16 | IKBIP |
| 201694\_PM\_s\_at | 2.91 | 3.59E-09 | EGR1 |
| 1562529\_PM\_s\_at | 2.91 | 2.09E-10 | 1562529\_PM\_s\_at |
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| 207857\_PM\_at | 2.9 | 2.17E-08 | LILRA2 |
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| 239427\_PM\_at | 2.89 | 8.75E-10 | SLAMF1 |
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| 208962\_PM\_s\_at | 2.88 | 1.25E-11 | FADS1 |
| 209488\_PM\_s\_at | 2.88 | 1.79E-20 | LOC100134188 |
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| 216033\_PM\_s\_at | 2.87 | 1.79E-13 | FYN |
| 212999\_PM\_x\_at | 2.87 | 0.0002 | HLA-DQB1 |
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| 202422\_PM\_s\_at | 2.84 | 3.71E-10 | ACSL4 |
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| 227051\_PM\_at | 2.79 | 1.68E-13 | 227051\_PM\_at |
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| 234366\_PM\_x\_at | 2.76 | 4.84E-10 | ENSG00000211673 |
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| 207571\_PM\_x\_at | 2.75 | 2.75E-12 | C1orf38 |
| 226743\_PM\_at | 2.75 | 2.24E-12 | SLFN11 |
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| 219947\_PM\_at | 2.61 | 6.83E-10 | CLEC4A |
| 217763\_PM\_s\_at | 2.61 | 1.10E-09 | RAB31 |
| 223316\_PM\_at | 2.61 | 4.81E-09 | CCDC3 |
| 223502\_PM\_s\_at | 2.6 | 4.77E-13 | TNFSF13B |
| 229719\_PM\_s\_at | 2.6 | 1.20E-08 | DERL3 |
| 219888\_PM\_at | 2.6 | 4.02E-08 | SPAG4 |
| 225285\_PM\_at | 2.6 | 1.59E-07 | BCAT1 |
| 1554240\_PM\_a\_at | 2.6 | 5.67E-09 | ITGAL |
| 213337\_PM\_s\_at | 2.6 | 7.12E-14 | SOCS1 |
| 207265\_PM\_s\_at | 2.6 | 3.16E-11 | KDELR3 |
| 224098\_PM\_at | 2.6 | 2.54E-07 | PARP15 |
| 219693\_PM\_at | 2.6 | 1.43E-12 | AGPAT4 |
| 202465\_PM\_at | 2.6 | 2.28E-11 | PCOLCE |
| 215209\_PM\_at | 2.59 | 6.56E-12 | SEC24D |
| 206337\_PM\_at | 2.59 | 1.10E-07 | CCR7 |
| 209723\_PM\_at | 2.59 | 3.39E-08 | SERPINB9 |
| 204490\_PM\_s\_at | 2.59 | 1.13E-13 | CD44 |
| 208982\_PM\_at | 2.59 | 5.19E-13 | PECAM1 |
| 210118\_PM\_s\_at | 2.59 | 2.30E-06 | IL1A |
| 216495\_PM\_x\_at | 2.59 | 1.06E-10 | ENSG00000211653 |
| 229391\_PM\_s\_at | 2.58 | 5.31E-09 | FAM26F |
| 230105\_PM\_at | 2.58 | 0.0004 | HOXB13 |
| 202391\_PM\_at | 2.58 | 3.31E-10 | BASP1 |
| 227399\_PM\_at | 2.58 | 5.73E-09 | VGLL3 |
| 200629\_PM\_at | 2.58 | 3.18E-13 | WARS |
| 208965\_PM\_s\_at | 2.58 | 1.60E-13 | IFI16 |
| 208788\_PM\_at | 2.58 | 2.26E-08 | ELOVL5 |
| 212768\_PM\_s\_at | 2.58 | 5.23E-13 | OLFM4 |
| 204205\_PM\_at | 2.58 | 3.33E-12 | APOBEC3G |
| 226834\_PM\_at | 2.57 | 2.53E-10 | CLMP |
| 235661\_PM\_at | 2.57 | 1.08E-06 | POU2F2 |
| 203477\_PM\_at | 2.57 | 2.36E-10 | COL15A1 |
| 207104\_PM\_x\_at | 2.57 | 2.32E-11 | LILRB1 |
| 211336\_PM\_x\_at | 2.57 | 3.84E-10 | LILRB1 |
| 244612\_PM\_at | 2.57 | 5.18E-09 | 244612\_PM\_at |
| 204621\_PM\_s\_at | 2.57 | 3.99E-06 | NR4A2 |
| 218975\_PM\_at | 2.56 | 4.53E-07 | COL5A3 |
| 203140\_PM\_at | 2.56 | 8.21E-09 | BCL6 |
| 236203\_PM\_at | 2.56 | 0.012 | HLA-DQA1 |
| 204198\_PM\_s\_at | 2.56 | 1.12E-08 | RUNX3 |
| 203238\_PM\_s\_at | 2.56 | 3.93E-09 | NOTCH3 |
| 207264\_PM\_at | 2.56 | 1.69E-11 | KDELR3 |
| 36711\_PM\_at | 2.56 | 1.42E-12 | MAFF |
| 208037\_PM\_s\_at | 2.56 | 2.12E-08 | MADCAM1 |
| 235175\_PM\_at | 2.56 | 3.12E-09 | GBP4 |
| 234951\_PM\_s\_at | 2.56 | 1.24E-05 | COL12A1 |
| 214467\_PM\_at | 2.55 | 2.20E-08 | GPR65 |
| 1555638\_PM\_a\_at | 2.55 | 8.33E-08 | SAMSN1 |
| 223748\_PM\_at | 2.55 | 8.23E-11 | SLC4A11 |
| 219118\_PM\_at | 2.55 | 8.83E-12 | FKBP11 |
| 228362\_PM\_s\_at | 2.55 | 2.96E-08 | FAM26F |
| 209606\_PM\_at | 2.55 | 3.94E-10 | CYTIP |
| 213429\_PM\_at | 2.54 | 1.87E-11 | BICC1 |
| 211506\_PM\_s\_at | 2.54 | 9.30E-05 | IL8 |
| 210147\_PM\_at | 2.54 | 9.64E-10 | ART3 |
| 220066\_PM\_at | 2.54 | 1.15E-11 | NOD2 |
| 230276\_PM\_at | 2.54 | 4.14E-09 | FAM49A |
| 231411\_PM\_at | 2.54 | 2.51E-12 | LHFP |
| 210439\_PM\_at | 2.54 | 3.61E-10 | ICOS |
| 227014\_PM\_at | 2.54 | 1.92E-18 | ASPHD2 |
| 211133\_PM\_x\_at | 2.54 | 4.45E-10 | LILRB3 |
| 208747\_PM\_s\_at | 2.54 | 2.97E-15 | C1S |
| 205504\_PM\_at | 2.53 | 4.76E-09 | BTK |
| 203868\_PM\_s\_at | 2.53 | 2.50E-19 | VCAM1 |
| 216236\_PM\_s\_at | 2.53 | 2.99E-07 | SLC2A14 |
| 231823\_PM\_s\_at | 2.53 | 4.59E-10 | SH3PXD2B |
| 206707\_PM\_x\_at | 2.53 | 3.37E-08 | FAM65B |
| 215127\_PM\_s\_at | 2.53 | 9.37E-11 | RBMS1 |
| 221969\_PM\_at | 2.53 | 8.25E-05 | PAX5 |
| 206953\_PM\_s\_at | 2.53 | 3.56E-09 | LPHN2 |
| 212067\_PM\_s\_at | 2.53 | 1.02E-12 | C1R |
| 243606\_PM\_at | 2.53 | 2.82E-08 | FAM55C |
| 217764\_PM\_s\_at | 2.53 | 4.12E-13 | RAB31 |
| 210845\_PM\_s\_at | 2.53 | 1.72E-09 | PLAUR |
| 213258\_PM\_at | 2.53 | 2.17E-10 | TFPI |
| 217151\_PM\_at | 2.52 | 2.09E-10 | 217151\_PM\_at |
| 215777\_PM\_at | 2.52 | 0.0003 | ENSG00000211639 |
| 223062\_PM\_s\_at | 2.52 | 3.85E-12 | PSAT1 |
| 206545\_PM\_at | 2.52 | 4.83E-07 | CD28 |
| 229390\_PM\_at | 2.52 | 2.98E-09 | FAM26F |
| 211138\_PM\_s\_at | 2.52 | 2.70E-09 | KMO |
| 213644\_PM\_at | 2.52 | 1.30E-13 | CCDC46 |
| 215768\_PM\_at | 2.52 | 1.06E-07 | 215768\_PM\_at |
| 228754\_PM\_at | 2.52 | 3.36E-11 | SLC6A6 |
| 209198\_PM\_s\_at | 2.52 | 7.77E-11 | SYT11 |
| 212354\_PM\_at | 2.52 | 1.77E-16 | SULF1 |
| 210105\_PM\_s\_at | 2.52 | 4.31E-14 | FYN |
| 228910\_PM\_at | 2.51 | 3.13E-13 | CD82 |
| 211742\_PM\_s\_at | 2.51 | 5.67E-08 | EVI2B |
| 231766\_PM\_s\_at | 2.51 | 9.07E-07 | COL12A1 |
| 221087\_PM\_s\_at | 2.51 | 1.90E-14 | APOL3 |
| 204971\_PM\_at | 2.51 | 1.32E-07 | CSTA |
| 205798\_PM\_at | 2.51 | 2.92E-08 | IL7R |
| 243271\_PM\_at | 2.51 | 1.20E-09 | SAMD9L |
| 217179\_PM\_x\_at | 2.51 | 9.32E-08 | ENSG00000211644 |
| 216510\_PM\_x\_at | 2.5 | 3.52E-09 | ENSG00000211967 |
| 210916\_PM\_s\_at | 2.5 | 2.56E-08 | CD44 |
| 210538\_PM\_s\_at | 2.5 | 1.88E-13 | BIRC3 |
| 204420\_PM\_at | 2.5 | 6.64E-08 | FOSL1 |
| 216248\_PM\_s\_at | 2.5 | 1.12E-05 | NR4A2 |
| 203066\_PM\_at | 2.5 | 9.04E-10 | CHST15 |
| 243481\_PM\_at | 2.5 | 8.51E-12 | RHOJ |
| 1562527\_PM\_at | 2.5 | 7.67E-09 | LOC441666 |
| 213170\_PM\_at | 2.5 | 3.29E-08 | GPX7 |
| 212989\_PM\_at | 2.5 | 3.33E-09 | SGMS1 |
| 212014\_PM\_x\_at | 2.5 | 3.18E-13 | CD44 |
| 1555526\_PM\_a\_at | 2.49 | 3.95E-06 | SEPT6 |
| 225241\_PM\_at | 2.49 | 7.14E-07 | CCDC80 |
| 202207\_PM\_at | 2.49 | 4.20E-12 | ARL4C |
| 219155\_PM\_at | 2.49 | 3.61E-17 | PITPNC1 |
| 1562364\_PM\_at | 2.49 | 6.34E-08 | GVIN1 |
| 220027\_PM\_s\_at | 2.49 | 4.84E-10 | RASIP1 |
| 213488\_PM\_at | 2.49 | 8.55E-11 | SNED1 |
| 226368\_PM\_at | 2.49 | 8.53E-10 | CHST11 |
| 225242\_PM\_s\_at | 2.48 | 3.03E-10 | CCDC80 |
| 216412\_PM\_x\_at | 2.48 | 2.71E-11 | ENSG00000211653 |
| 211794\_PM\_at | 2.48 | 2.36E-07 | FYB |
| 225973\_PM\_at | 2.48 | 1.55E-12 | TAP2 |
| 211643\_PM\_x\_at | 2.48 | 7.68E-11 | ENSG00000211629 |
| 228776\_PM\_at | 2.48 | 9.14E-09 | ENSG00000183153 |
| 209277\_PM\_at | 2.48 | 0.0013 | TFPI2 |
| 204924\_PM\_at | 2.48 | 9.21E-08 | TLR2 |
| 216950\_PM\_s\_at | 2.48 | 9.77E-08 | FCGR1A |
| 227749\_PM\_at | 2.47 | 1.19E-07 | 227749\_PM\_at |
| 204359\_PM\_at | 2.47 | 7.69E-10 | FLRT2 |
| 205342\_PM\_s\_at | 2.47 | 0.0008 | SULT1C2 |
| 205572\_PM\_at | 2.47 | 6.82E-12 | ANGPT2 |
| 229764\_PM\_at | 2.47 | 6.91E-10 | TPRG1 |
| 218656\_PM\_s\_at | 2.47 | 3.40E-12 | LHFP |
| 1556352\_PM\_at | 2.47 | 2.31E-08 | 1556352\_PM\_at |
| 222378\_PM\_at | 2.47 | 2.14E-10 | 222378\_PM\_at |
| 230237\_PM\_at | 2.47 | 0.0005 | ADCYAP1 |
| 227525\_PM\_at | 2.47 | 1.14E-08 | GLCCI1 |
| 213674\_PM\_x\_at | 2.47 | 0.0003 | ENSG00000211898 |
| 1569566\_PM\_at | 2.47 | 9.13E-16 | TBC1D1 |
| 206247\_PM\_at | 2.47 | 6.30E-11 | MICB |
| 201148\_PM\_s\_at | 2.46 | 4.40E-09 | TIMP3 |
| 228176\_PM\_at | 2.46 | 3.16E-06 | S1PR3 |
| 209868\_PM\_s\_at | 2.46 | 1.60E-09 | RBMS1 |
| 228055\_PM\_at | 2.46 | 7.53E-07 | NAPSB |
| 228607\_PM\_at | 2.46 | 3.30E-13 | OAS2 |
| 205349\_PM\_at | 2.46 | 1.46E-14 | GNA15 |
| 226960\_PM\_at | 2.46 | 7.08E-07 | CXCL17 |
| 214446\_PM\_at | 2.46 | 5.39E-12 | ELL2 |
| 1569040\_PM\_s\_at | 2.46 | 1.91E-06 | ANKRD36BP2 |
| 236280\_PM\_at | 2.46 | 6.50E-09 | P2RY10 |
| 229686\_PM\_at | 2.46 | 7.60E-09 | P2RY8 |
| 209083\_PM\_at | 2.46 | 3.29E-09 | CORO1A |
| 211641\_PM\_x\_at | 2.46 | 2.36E-09 | ENSG00000211977 |
| 235965\_PM\_at | 2.46 | 1.14E-07 | TECPR1 |
| 215949\_PM\_x\_at | 2.45 | 1.73E-08 | ENSG00000211953 |
| 205297\_PM\_s\_at | 2.45 | 3.98E-07 | CD79B |
| 207030\_PM\_s\_at | 2.45 | 4.08E-11 | CSRP2 |
| 206206\_PM\_at | 2.45 | 1.79E-08 | CD180 |
| 228665\_PM\_at | 2.45 | 4.63E-12 | CYYR1 |
| 206715\_PM\_at | 2.45 | 3.50E-09 | TFEC |
| 201810\_PM\_s\_at | 2.45 | 6.18E-12 | SH3BP5 |
| 1556643\_PM\_at | 2.45 | 6.06E-13 | FAM125A |
| 210664\_PM\_s\_at | 2.45 | 4.53E-11 | TFPI |
| 212414\_PM\_s\_at | 2.45 | 6.96E-10 | SEPT6 |
| 223217\_PM\_s\_at | 2.45 | 4.95E-09 | NFKBIZ |
| 202878\_PM\_s\_at | 2.45 | 1.57E-11 | CD93 |
| 220330\_PM\_s\_at | 2.45 | 5.16E-09 | SAMSN1 |
| 238021\_PM\_s\_at | 2.44 | 1.72E-07 | CRNDE |
| 207094\_PM\_at | 2.44 | 1.20E-05 | CXCR1 |
| 211582\_PM\_x\_at | 2.44 | 5.93E-11 | LST1 |
| 221729\_PM\_at | 2.44 | 3.00E-13 | COL5A2 |
| 229228\_PM\_at | 2.44 | 9.44E-07 | CREB5 |
| 214059\_PM\_at | 2.44 | 6.31E-07 | IFI44 |
| 210997\_PM\_at | 2.44 | 1.60E-06 | HGF |
| 241926\_PM\_s\_at | 2.44 | 3.86E-11 | ERG |
| 207691\_PM\_x\_at | 2.44 | 1.45E-10 | ENTPD1 |
| 226997\_PM\_at | 2.44 | 1.60E-07 | ADAMTS12 |
| 211645\_PM\_x\_at | 2.44 | 9.01E-14 | IGKV1D-13 |
| 205044\_PM\_at | 2.44 | 1.07E-09 | GABRP |
| 224927\_PM\_at | 2.43 | 1.21E-13 | KIAA1949 |
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| 208335\_PM\_s\_at | 2.43 | 2.15E-09 | DARC |
| 205009\_PM\_at | 2.43 | 1.45E-08 | TFF1 |
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| 214298\_PM\_x\_at | 2.42 | 1.66E-09 | SEPT6 |
| 205039\_PM\_s\_at | 2.42 | 5.57E-07 | IKZF1 |
| 219159\_PM\_s\_at | 2.42 | 3.47E-06 | SLAMF7 |
| 221558\_PM\_s\_at | 2.42 | 1.76E-09 | LEF1 |
| 214453\_PM\_s\_at | 2.42 | 3.52E-09 | IFI44 |
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| 220918\_PM\_at | 2.41 | 8.72E-07 | C21orf96 |
| 240899\_PM\_at | 2.41 | 1.98E-11 | 240899\_PM\_at |
| 226219\_PM\_at | 2.41 | 2.00E-09 | ARHGAP30 |
| 234764\_PM\_x\_at | 2.41 | 1.52E-09 | IGLV1-44 |
| 205286\_PM\_at | 2.41 | 2.18E-08 | TFAP2C |
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| 202800\_PM\_at | 2.41 | 5.88E-09 | SLC1A3 |
| 203425\_PM\_s\_at | 2.41 | 6.87E-07 | IGFBP5 |
| 209626\_PM\_s\_at | 2.41 | 4.58E-13 | OSBPL3 |
| 213603\_PM\_s\_at | 2.41 | 1.21E-12 | RAC2 |
| 229041\_PM\_s\_at | 2.4 | 5.05E-06 | ITGB2 |
| 237461\_PM\_at | 2.4 | 9.69E-07 | NLRP7 |
| 243754\_PM\_at | 2.4 | 8.55E-09 | 243754\_PM\_at |
| 206574\_PM\_s\_at | 2.4 | 1.39E-06 | PTP4A3 |
| 232543\_PM\_x\_at | 2.4 | 1.39E-09 | ARHGAP9 |
| 201170\_PM\_s\_at | 2.4 | 7.78E-13 | BHLHE40 |
| 1560706\_PM\_at | 2.4 | 9.03E-08 | 1560706\_PM\_at |
| 236262\_PM\_at | 2.4 | 6.03E-11 | MMRN2 |
| 218736\_PM\_s\_at | 2.4 | 9.06E-10 | PALMD |
| 228058\_PM\_at | 2.39 | 5.10E-11 | ZG16B |
| 201667\_PM\_at | 2.39 | 1.27E-11 | GJA1 |
| 226517\_PM\_at | 2.39 | 2.17E-08 | BCAT1 |
| 224916\_PM\_at | 2.39 | 7.31E-18 | TMEM173 |
| 212646\_PM\_at | 2.39 | 3.12E-11 | RFTN1 |
| 229530\_PM\_at | 2.39 | 3.15E-07 | GUCY1A3 |
| 205779\_PM\_at | 2.39 | 5.29E-13 | RAMP2 |
| 235094\_PM\_at | 2.39 | 1.88E-07 | 235094\_PM\_at |
| 201649\_PM\_at | 2.39 | 2.05E-19 | UBE2L6 |
| 219559\_PM\_at | 2.39 | 6.20E-13 | SLC17A9 |
| 229942\_PM\_at | 2.39 | 1.88E-11 | BNC2 |
| 218541\_PM\_s\_at | 2.39 | 3.92E-08 | C8orf4 |
| 213592\_PM\_at | 2.38 | 1.65E-10 | APLNR |
| 228367\_PM\_at | 2.38 | 4.54E-06 | ALPK2 |
| 211366\_PM\_x\_at | 2.38 | 2.06E-15 | CASP1 |
| 244033\_PM\_at | 2.38 | 7.69E-10 | C14orf145 |
| 209201\_PM\_x\_at | 2.38 | 9.27E-07 | CXCR4 |
| 235157\_PM\_at | 2.38 | 5.73E-05 | 235157\_PM\_at |
| 216366\_PM\_x\_at | 2.38 | 7.05E-10 | 216366\_PM\_x\_at |
| 232653\_PM\_at | 2.38 | 9.27E-10 | 232653\_PM\_at |
| 214181\_PM\_x\_at | 2.38 | 3.70E-10 | LST1 |
| AFFX-HUMISGF3A/M97935\_MA\_at | 2.38 | 2.29E-09 | STAT1 |
| 244579\_PM\_at | 2.37 | 1.20E-08 | TRPS1 |
| 205282\_PM\_at | 2.37 | 1.08E-11 | LRP8 |
| 214777\_PM\_at | 2.37 | 9.21E-07 | ENSG00000211598 |
| 211668\_PM\_s\_at | 2.37 | 1.23E-06 | PLAU |
| 235292\_PM\_at | 2.37 | 2.07E-10 | FLJ32255 |
| 219210\_PM\_s\_at | 2.37 | 3.72E-12 | RAB8B |
| 230170\_PM\_at | 2.37 | 0.0002 | OSM |
| 206236\_PM\_at | 2.37 | 3.22E-08 | GPR4 |
| 236495\_PM\_at | 2.37 | 0.0001 | NAMPT |
| 204058\_PM\_at | 2.36 | 1.57E-07 | ME1 |
| 205490\_PM\_x\_at | 2.36 | 2.26E-09 | GJB3 |
| 201147\_PM\_s\_at | 2.36 | 2.47E-10 | TIMP3 |
| 210869\_PM\_s\_at | 2.36 | 1.64E-10 | MCAM |
| 226638\_PM\_at | 2.36 | 6.64E-12 | ARHGAP23 |
| 239381\_PM\_at | 2.36 | 0.0044 | KLK7 |
| 226930\_PM\_at | 2.36 | 1.18E-05 | FNDC1 |
| 205157\_PM\_s\_at | 2.36 | 2.41E-05 | KRT17 |
| 205304\_PM\_s\_at | 2.36 | 2.86E-10 | KCNJ8 |
| 232080\_PM\_at | 2.36 | 7.76E-09 | HECW2 |
| 1556385\_PM\_at | 2.36 | 1.28E-09 | 1556385\_PM\_at |
| 222557\_PM\_at | 2.36 | 3.80E-14 | STMN3 |
| 244726\_PM\_at | 2.36 | 4.58E-08 | PLCB1 |
| 240070\_PM\_at | 2.36 | 2.83E-09 | TIGIT |
| 230127\_PM\_at | 2.35 | 1.58E-07 | 230127\_PM\_at |
| 230011\_PM\_at | 2.35 | 2.90E-08 | MEI1 |
| 209374\_PM\_s\_at | 2.35 | 7.46E-09 | ENSG00000211899 |
| 204489\_PM\_s\_at | 2.35 | 5.01E-11 | CD44 |
| 222043\_PM\_at | 2.35 | 2.44E-06 | CLU |
| 206210\_PM\_s\_at | 2.35 | 5.00E-06 | CETP |
| 202510\_PM\_s\_at | 2.35 | 1.66E-10 | TNFAIP2 |
| 209082\_PM\_s\_at | 2.35 | 7.89E-08 | COL18A1 |
| 210176\_PM\_at | 2.35 | 7.66E-07 | TLR1 |
| 214574\_PM\_x\_at | 2.35 | 3.96E-10 | LST1 |
| 204747\_PM\_at | 2.35 | 1.54E-07 | IFIT3 |
| 207431\_PM\_s\_at | 2.35 | 1.47E-07 | DEGS1 |
| 222285\_PM\_at | 2.35 | 0.001 | IGHD |
| 33304\_PM\_at | 2.34 | 6.22E-15 | ISG20 |
| 222218\_PM\_s\_at | 2.34 | 1.95E-08 | PILRA |
| 228066\_PM\_at | 2.34 | 8.70E-10 | C17orf96 |
| 242827\_PM\_x\_at | 2.34 | 4.01E-09 | 242827\_PM\_x\_at |
| 225570\_PM\_at | 2.34 | 3.33E-12 | SLC41A1 |
| 217867\_PM\_x\_at | 2.34 | 1.35E-16 | BACE2 |
| 223686\_PM\_at | 2.34 | 2.95E-10 | TPK1 |
| 212865\_PM\_s\_at | 2.34 | 1.52E-10 | COL14A1 |
| 225303\_PM\_at | 2.34 | 1.21E-10 | KIRREL |
| 215641\_PM\_at | 2.34 | 1.36E-10 | SEC24D |
| 224342\_PM\_x\_at | 2.34 | 7.47E-07 | LOC96610 |
| 207266\_PM\_x\_at | 2.34 | 7.57E-10 | RBMS1 |
| 211647\_PM\_x\_at | 2.34 | 3.14E-08 | IGHG1 /// IGHM /// LOC100133862 |
| 205590\_PM\_at | 2.34 | 2.99E-09 | RASGRP1 |
| 202768\_PM\_at | 2.34 | 0.0009 | FOSB |
| 226875\_PM\_at | 2.34 | 4.28E-12 | DOCK11 |
| 204698\_PM\_at | 2.34 | 5.59E-15 | ISG20 |
| 208206\_PM\_s\_at | 2.33 | 3.75E-06 | RASGRP2 |
| 222449\_PM\_at | 2.33 | 3.44E-16 | PMEPA1 |
| 218810\_PM\_at | 2.33 | 3.33E-13 | ZC3H12A |
| 223322\_PM\_at | 2.33 | 1.40E-13 | RASSF5 |
| 202403\_PM\_s\_at | 2.33 | 2.49E-13 | COL1A2 |
| 214916\_PM\_x\_at | 2.33 | 6.49E-09 | 214916\_PM\_x\_at |
| 219049\_PM\_at | 2.33 | 2.50E-07 | CSGALNACT1 |
| 200648\_PM\_s\_at | 2.33 | 2.25E-11 | GLUL |
| 233510\_PM\_s\_at | 2.32 | 4.85E-09 | PARVG |
| 1558837\_PM\_a\_at | 2.32 | 5.67E-08 | 1558837\_PM\_a\_at |
| 216557\_PM\_x\_at | 2.32 | 4.69E-09 | ENSG00000211964 |
| 204269\_PM\_at | 2.32 | 1.59E-12 | PIM2 |
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| 202625\_PM\_at | 2.32 | 3.40E-16 | LYN |
| 209324\_PM\_s\_at | 2.32 | 5.83E-08 | RGS16 |
| 207847\_PM\_s\_at | 2.32 | 6.57E-11 | MUC1 |
| 231227\_PM\_at | 2.32 | 0.0002 | WNT5A |
| 208964\_PM\_s\_at | 2.32 | 1.43E-10 | FADS1 |
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| 204733\_PM\_at | 2.31 | 0.0001 | KLK6 |
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| 202007\_PM\_at | 2.31 | 1.82E-11 | NID1 |
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| 210321\_PM\_at | 2.31 | 5.59E-11 | GZMH |
| 229523\_PM\_at | 2.31 | 1.56E-07 | TMEM200C |
| 206618\_PM\_at | 2.31 | 2.57E-10 | IL18R1 |
| 202464\_PM\_s\_at | 2.31 | 1.19E-14 | PFKFB3 |
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| 216829\_PM\_at | 2.31 | 4.92E-08 | IGK@ /// IGKC /// LOC652493 /// LOC652694 |
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| 1560397\_PM\_s\_at | 2.31 | 8.52E-08 | KLHL6 |
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| 209760\_PM\_at | 2.3 | 1.43E-07 | KIAA0922 |
| 211798\_PM\_x\_at | 2.3 | 5.85E-12 | IGLV3-19 |
| 1555745\_PM\_a\_at | 2.3 | 0.0115 | LYZ |
| 239331\_PM\_at | 2.3 | 9.18E-08 | 239331\_PM\_at |
| 227307\_PM\_at | 2.3 | 3.62E-13 | TP53I11 |
| 209387\_PM\_s\_at | 2.3 | 1.99E-06 | TM4SF1 |
| 238577\_PM\_s\_at | 2.3 | 3.05E-08 | 238577\_PM\_s\_at |
| 204683\_PM\_at | 2.3 | 1.04E-12 | ICAM2 |
| 226789\_PM\_at | 2.3 | 5.41E-11 | EMB |
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| 207836\_PM\_s\_at | 2.29 | 3.78E-16 | RBPMS |
| 217739\_PM\_s\_at | 2.28 | 2.51E-08 | NAMPT |
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| 214460\_PM\_at | 2.28 | 4.29E-11 | LSAMP |
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| 217148\_PM\_x\_at | 2.28 | 2.77E-11 | ENSG00000207835 |
| 232375\_PM\_at | 2.28 | 5.61E-08 | STAT1 |
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| 219836\_PM\_at | 2.28 | 5.57E-07 | ZBED2 |
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| 210998\_PM\_s\_at | 2.27 | 5.62E-06 | HGF |
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| 216365\_PM\_x\_at | 2.27 | 7.71E-10 | ENSG00000211663 |
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| 212415\_PM\_at | 2.27 | 9.29E-09 | SEPT6 |
| 211649\_PM\_x\_at | 2.27 | 4.21E-07 | IGH@ /// IGHA1 /// IGHG1 /// IGHM |
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| 205831\_PM\_at | 2.25 | 3.27E-10 | CD2 |
| 204222\_PM\_s\_at | 2.25 | 2.05E-07 | GLIPR1 |
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| 217202\_PM\_s\_at | 2.25 | 1.98E-09 | GLUL |
| 201939\_PM\_at | 2.25 | 2.04E-10 | PLK2 |
| 204789\_PM\_at | 2.25 | 2.87E-10 | FMNL1 |
| 204059\_PM\_s\_at | 2.25 | 1.72E-07 | ME1 |
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| 218935\_PM\_at | 2.24 | 5.17E-10 | EHD3 |
| 205100\_PM\_at | 2.24 | 2.80E-06 | GFPT2 |
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| 217180\_PM\_at | 2.24 | 6.74E-08 | ENSG00000211644 |
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| 202665\_PM\_s\_at | 2.23 | 1.32E-09 | WIPF1 |
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| 204639\_PM\_at | 2.23 | 5.98E-08 | ADA |
| 209761\_PM\_s\_at | 2.23 | 2.42E-09 | SP110 |
| 238619\_PM\_at | 2.23 | 2.61E-06 | 238619\_PM\_at |
| 204622\_PM\_x\_at | 2.23 | 1.26E-05 | NR4A2 |
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| 213425\_PM\_at | 2.23 | 3.79E-06 | WNT5A |
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| 217523\_PM\_at | 2.23 | 1.15E-09 | CD44 |
| 233813\_PM\_at | 2.23 | 8.70E-08 | PPP1R16B |
| 212750\_PM\_at | 2.23 | 2.49E-09 | PPP1R16B |
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| 212382\_PM\_at | 2.23 | 2.56E-07 | TCF4 |
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| 204797\_PM\_s\_at | 2.22 | 8.41E-10 | EML1 |
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| 213113\_PM\_s\_at | 2.21 | 1.27E-11 | SLC43A3 |
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| 202760\_PM\_s\_at | 2.2 | 2.28E-10 | PALM2 |
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| 203760\_PM\_s\_at | 2.19 | 1.17E-09 | SLA |
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| 222146\_PM\_s\_at | 2.19 | 1.67E-09 | TCF4 |
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| 206219\_PM\_s\_at | 2.19 | 2.53E-10 | VAV1 |
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| 210357\_PM\_s\_at | 2.18 | 2.06E-09 | SMOX |
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| 222235\_PM\_s\_at | 2.17 | 4.70E-07 | CSGALNACT2 |
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| 203770\_PM\_s\_at | 2.14 | 6.93E-08 | STS |
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| 202479\_PM\_s\_at | 2.13 | 4.15E-10 | TRIB2 |
| 231964\_PM\_at | 2.13 | 1.44E-10 | 231964\_PM\_at |
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| 216984\_PM\_x\_at | 2.13 | 3.62E-11 | IGLV2-14 |
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| 1557049\_PM\_at | 2.13 | 4.32E-07 | BTBD19 |
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| 229912\_PM\_at | 2.13 | 1.99E-08 | SDK1 |
| 209970\_PM\_x\_at | 2.13 | 9.28E-14 | CASP1 |
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| 227553\_PM\_at | 2.13 | 5.81E-09 | PIK3R5 |
| 234985\_PM\_at | 2.13 | 1.11E-08 | LDLRAD3 |
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| 209446\_PM\_s\_at | 2.02 | 3.14E-06 | C7orf44 |
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