|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Most Influential | Sum | Gene Symbol | Most Influenced | Sum | Gene Symbol |
| 203723\_at | -1213.08 | ITPKB | **228835\_at** | 2381.328 | RP4-758J24.5 |
| 224761\_at | -1155.14 | GNA13 | **212686\_at** | 1814.197 | PPM1H |
| 240111\_at | -1148.21 | RHOBTB3 | **238504\_at** | 1792.056 | C6orf57 |
| 221731\_x\_at | -1130.23 | VCAN | **202178\_at** | 1754.537 | PRKCZ |
| 222565\_s\_at | -1122.17 | PRKD3 | **221880\_s\_at** | 1738.175 | FAM174B |
| 235213\_at | -1119.48 | ITPKB | **51158\_at** | 1733.509 | FAM174B |
| 214924\_s\_at | -1113.49 | TRAK1 | **225060\_at** | 1694.648 | LRP11 |
| 207842\_s\_at | -1108.42 | CASC3 /// MIR6866 | **208683\_at** | -1686.03 | CAPN2 |
| 233888\_s\_at | -1090.67 | SRGAP1 | **228109\_at** | 1643.903 | RASGRF2 |
| 224811\_at | -1087.34 | LPP | **229135\_at** | 1612.688 | FASTKD2 |
| 225575\_at | -1028.75 | LIFR | **1561158\_at** | -1609.1 | --- |
| 230258\_at | -1026.68 | GLIS3 | **202449\_s\_at** | -1592.56 | RXRA |
| 224955\_at | -1025.36 | TEAD1 | **212291\_at** | -1560.28 | HIPK1 |
| 1554479\_a\_at | -1018.65 | CARD8 | **210369\_at** | -1533.26 | SWAP70 |
| 222473\_s\_at | -1018.1 | ERBB2IP | **219271\_at** | 1529.733 | GALNT14 |
| 213437\_at | -1017.42 | RUFY3 | **221847\_at** | 1523.37 | LOC100129361 |
| 242611\_at | -1012.44 | --- | **209242\_at** | 1504.67 | PEG3 |
| 1555889\_a\_at | -1010.03 | CRTAP | **244066\_at** | -1473.99 | RP11-513M16.7 |
| 215823\_x\_at | -992.276 | PABPC1 /// RLIM | **211034\_s\_at** | 1437.631 | HECTD4 |
| 218087\_s\_at | -982.421 | SORBS1 | **202553\_s\_at** | -1435.34 | SYF2 |
| 233323\_at | -979.173 | --- | **1557286\_at** | -1431.02 | --- |
| 217832\_at | -973.568 | SYNCRIP | **204731\_at** | -1430.6 | TGFBR3 |
| 208999\_at | -971.969 | SEPT8 | **207547\_s\_at** | -1419.65 | FAM107A |
| 236207\_at | -967.739 | SSFA2 | **244457\_at** | -1390.74 | --- |
| 203685\_at | -967.402 | BCL2 | **37226\_at** | 1376.26 | BNIP1 |
| 227084\_at | -966.063 | DTNA | **202728\_s\_at** | -1366.65 | LTBP1 |
| 212878\_s\_at | 962.5225 | KLC1 | **1554835\_a\_at** | -1352.12 | B3GNT5 |
| 238049\_at | -949.037 | GRAMD3 | **1555889\_a\_at** | -1351.34 | CRTAP |
| 209074\_s\_at | -935.744 | FAM107A | **236334\_at** | -1320.76 | RP11-5C23.2 |
| 202506\_at | -933.911 | SSFA2 | **201873\_s\_at** | 1315.432 | ABCE1 |
| 225504\_at | -930.248 | HMBOX1 | **226752\_at** | 1314.897 | FAM174A |
| 222651\_s\_at | -917.473 | TRPS1 | **225504\_at** | -1312.65 | HMBOX1 |
| 200897\_s\_at | -913.453 | PALLD | **202120\_x\_at** | 1310.768 | AP2S1 |
| 207547\_s\_at | -913.394 | FAM107A | **217782\_s\_at** | 1302.111 | GPS1 |
| 1553096\_s\_at | -909.762 | BCL2L11 | **214812\_s\_at** | -1289.97 | MOB1A |
| 201938\_at | -905.767 | CDK2AP1 | **225969\_at** | 1282.458 | ALKBH6 |
| 204620\_s\_at | -904.836 | VCAN | **222060\_at** | -1270.75 | KRT8P12 |
| 208683\_at | -904.34 | CAPN2 | **1559257\_a\_at** | 1264.245 | MAGI1 |
| 233036\_at | -902.608 | --- | **223532\_at** | 1255.168 | ANKRD39 |
| 214722\_at | -899.921 | NOTCH2NL | **204720\_s\_at** | 1251.151 | DNAJC6 |
| 211962\_s\_at | -896.886 | ZFP36L1 | **218935\_at** | 1240.783 | EHD3 |
| 1555800\_at | 893.9584 | ZNF385B | **238466\_at** | 1231.947 | --- |
| 201753\_s\_at | -888.585 | ADD3 | **202128\_at** | 1227.984 | AREL1 |
| 202133\_at | -880.983 | WWTR1 | **228510\_at** | -1218.99 | ATAT1 |
| 200907\_s\_at | -876.878 | PALLD | **210313\_at** | -1211.95 | LILRA4 |
| 1553037\_a\_at | 861.0771 | SYN2 | **225575\_at** | -1207.83 | LIFR |
| 224970\_at | -860.335 | NFIA | **211072\_x\_at** | 1207.407 | TUBA1B |
| 228297\_at | -859.632 | --- | **211679\_x\_at** | 1204.868 | GABBR2 |
| 211493\_x\_at | -851.077 | DTNA | **203723\_at** | -1195.22 | ITPKB |
| 200613\_at | 849.6294 | AP2M1 | **201410\_at** | 1194.138 | PLEKHB2 |
| 210742\_at | -844.645 | CDC14A | **213558\_at** | 1189.313 | PCLO |
| 233877\_at | -841.269 | --- | **207026\_s\_at** | 1187.019 | ATP2B3 |
| 202947\_s\_at | -833.906 | GYPC | **200906\_s\_at** | -1163 | PALLD |
| 228510\_at | -829.201 | ATAT1 | **224895\_at** | -1158.8 | YAP1 |
| 1557286\_at | -822.125 | --- | **225719\_s\_at** | 1157.466 | MRPL55 |
| 222099\_s\_at | -818.766 | LSM14A | **200078\_s\_at** | 1150.807 | ATP6V0B |
| 202449\_s\_at | -814.14 | RXRA | **213793\_s\_at** | 1145.536 | HOMER1 |
| 208430\_s\_at | -811.874 | DTNA | **237173\_at** | -1135.25 | LOC100132057 |
| 209297\_at | -796.759 | ITSN1 | **205646\_s\_at** | -1126.02 | PAX6 |
| 1555961\_a\_at | 789.0598 | HINT1 | **208850\_s\_at** | 1116.566 | THY1 |
| 214762\_at | 788.4035 | ATP6V1G2 | **218248\_at** | -1103.81 | FAM111A |
| 1554592\_a\_at | 783.5094 | SLC1A6 | **216056\_at** | -1101.82 | CD44 |
| 205609\_at | -783.167 | ANGPT1 | **1553211\_at** | -1094.91 | ANKFN1 |
| 202822\_at | -779.246 | LPP | **238049\_at** | -1093 | GRAMD3 |
| 236440\_at | 773.7309 | NETO1 | **235213\_at** | -1091.26 | ITPKB |
| 210369\_at | -773.41 | SWAP70 | **242611\_at** | -1080.06 | --- |
| 207501\_s\_at | 772.3142 | FGF12 | **1553096\_s\_at** | -1070.02 | BCL2L11 |
| 212877\_at | 769.6674 | KLC1 | **219907\_at** | 1065.975 | FRS3 |
| 222699\_s\_at | -763.244 | PLEKHF2 | **218477\_at** | -1052.44 | TMEM14A |
| 214436\_at | 758.6259 | FBXL2 | **230547\_at** | 1050.732 | KCNC1 |
| 1569054\_at | -747.552 | SLC1A3 | **203567\_s\_at** | -1049.23 | TRIM38 |
| 215728\_s\_at | 746.3263 | ACOT7 | **210108\_at** | 1028.265 | CACNA1D |
| 202553\_s\_at | -744.399 | SYF2 | **211887\_x\_at** | -1025.06 | MSR1 |
| 218706\_s\_at | -743.191 | GRAMD3 | **223213\_s\_at** | -1024.74 | ZHX1 |
| 202016\_at | 739.1671 | MEST | **201938\_at** | -1022.31 | CDK2AP1 |
| 209569\_x\_at | 738.8964 | NSG1 | **202133\_at** | -1009.11 | WWTR1 |
| 236638\_at | 734.7293 | AMER3 | **210650\_s\_at** | 999.072 | PCLO |
| 35776\_at | -732.039 | ITSN1 | **202506\_at** | -997.801 | SSFA2 |
| 208752\_x\_at | -725.482 | NAP1L1 | **211986\_at** | -995.64 | AHNAK |
| 210736\_x\_at | -724.24 | DTNA | **209297\_at** | -993.083 | ITSN1 |
| 230773\_at | 723.7377 | ZNF385D | **210040\_at** | 989.1969 | SLC12A5 |
| 1555801\_s\_at | 717.4269 | ZNF385B | **205348\_s\_at** | 984.3187 | DYNC1I1 |
| 210315\_at | 716.6529 | SYN2 | **201753\_s\_at** | -973.297 | ADD3 |
| 200802\_at | 715.967 | SARS | **201387\_s\_at** | 968.0705 | UCHL1 |
| 228063\_s\_at | 715.5084 | NAP1L5 | **218706\_s\_at** | -961.33 | GRAMD3 |
| 210617\_at | -714.851 | PHEX | **222473\_s\_at** | -960.595 | ERBB2IP |
| 200906\_s\_at | -714.767 | PALLD | **212683\_at** | 957.4879 | SLC25A44 |
| 232791\_at | -713.217 | --- | **202822\_at** | -947.195 | LPP |
| 208457\_at | 709.0376 | GABRD | **232688\_at** | -947.184 | BMP2K |
| 1564706\_s\_at | 708.7342 | GLS2 | **204514\_at** | -937.02 | DPH2 |
| 202728\_s\_at | -701.813 | LTBP1 | **204521\_at** | 928.0489 | FAM216A |
| 236334\_at | -700.491 | RP11-5C23.2 | **235066\_at** | 923.0736 | MAP4 |
| 244111\_at | 691.8854 | KRT222 | **204117\_at** | -910.502 | PREP |
| 229039\_at | 691.7892 | SYN2 | **218087\_s\_at** | -907.11 | SORBS1 |
| 230498\_at | 671.5373 | MCHR1 | **232377\_at** | 906.9702 | NXPH1 |
| 229770\_at | 669.9027 | GLT1D1 | **240942\_at** | -905.001 | MPHOSPH8 |
| 228062\_at | 669.5382 | NAP1L5 | **210742\_at** | -903.773 | CDC14A |
| 218248\_at | -669.332 | FAM111A | **229300\_at** | 902.1661 | RAB3C |
| 1555313\_a\_at | 668.6704 | MCF2 | **201757\_at** | 898.1112 | NDUFS5 /// RPL10 |
| 235656\_s\_at | 668.0472 | --- | **236207\_at** | -895.025 | SSFA2 |
| 218824\_at | 667.8046 | PNMAL1 | **222125\_s\_at** | 893.9448 | P4HTM |
| 240532\_at | 667.1965 | SLC32A1 | **1554479\_a\_at** | -891.501 | CARD8 |
| 202233\_s\_at | 664.9802 | UQCRH /// UQCRHL | **238569\_at** | -883.772 | GABBR1 |
| 201972\_at | 664.4244 | ATP6V1A | **222834\_s\_at** | -878.447 | GNG12 |
| 208308\_s\_at | 658.5528 | GPI | **204620\_s\_at** | -868.369 | VCAN |
| 220794\_at | 658.4838 | GREM2 | **209991\_x\_at** | 867.7213 | GABBR2 |
| 207772\_s\_at | 657.7788 | PRMT8 | **242583\_at** | 863.1492 | STON2 |
| 201174\_s\_at | 654.3957 | TERF2IP | **207153\_s\_at** | -847.858 | GLMN |
| 236465\_at | 654.311 | RNF175 | **213149\_at** | -843.978 | DLAT |
| 229925\_at | 651.6048 | SLC6A17 | **222099\_s\_at** | -831.762 | LSM14A |
| 212291\_at | -649.482 | HIPK1 | **231986\_at** | 825.9801 | RIMS1 |
| 209029\_at | 649.3249 | COPS7A | **223708\_at** | 824.351 | C1QTNF4 |
| 211685\_s\_at | 645.5515 | NCALD | **202132\_at** | -820.648 | WWTR1 |
| 227662\_at | -645.197 | SYNPO2 | **202779\_s\_at** | 817.3581 | UBE2S |
| 204731\_at | -644.439 | TGFBR3 | **207842\_s\_at** | -816.092 | CASC3 /// MIR6866 |
| 227669\_at | 640.7275 | MPC2 | **219896\_at** | 816.0201 | CALY |
| 204933\_s\_at | -640.238 | TNFRSF11B | **208752\_x\_at** | -807.129 | NAP1L1 |
| 201313\_at | 640.1619 | ENO2 | **200960\_x\_at** | 803.8709 | CLTA |
| 1561158\_at | -639.377 | --- | **228680\_at** | 795.7601 | KIF3A |
| 202961\_s\_at | 639.1496 | ARMC2-AS1 /// ATP5J2 | **226086\_at** | 792.5487 | SYT13 |
| 207508\_at | 637.7393 | ATP5G3 | **203999\_at** | 790.3905 | SYT1 |
| 232688\_at | -636.456 | BMP2K | **241399\_at** | 787.5748 | FAM19A2 |
| 208826\_x\_at | 635.6861 | HINT1 | **214170\_x\_at** | 783.5296 | FH |
| 208845\_at | 634.387 | VDAC3 | **224761\_at** | -776.991 | GNA13 |
| 213553\_x\_at | -633.977 | APOC1 | **204721\_s\_at** | 774.6801 | DNAJC6 |
| 222834\_s\_at | -633.886 | GNG12 | **239765\_at** | 773.847 | CPEB3 |
| 205608\_s\_at | -633.101 | ANGPT1 | **35776\_at** | -770.214 | ITSN1 |
| 207721\_x\_at | 632.9605 | HINT1 | **203724\_s\_at** | 761.9616 | RUFY3 |
| 225111\_s\_at | 631.4911 | NAPB | **232791\_at** | -747.879 | --- |
| 202941\_at | 630.3908 | NDUFV2 | **203685\_at** | -746.564 | BCL2 |
| 210313\_at | -626.437 | LILRA4 | **203094\_at** | 743.2222 | MAD2L1BP |
| 238569\_at | -620.104 | GABBR1 | **217077\_s\_at** | 739.2467 | GABBR2 |
| 208751\_at | 616.47 | NAPA | **200897\_s\_at** | -728.712 | PALLD |
| 209545\_s\_at | -616.017 | RIPK2 | **213938\_at** | 728.3936 | ERC2 |
| 226826\_at | 613.9951 | LSM11 | **208999\_at** | -727.802 | Sep-08 |
| 213293\_s\_at | -613.244 | TRIM22 | **209074\_s\_at** | -722.395 | FAM107A |
| 202395\_at | 611.988 | LOC101930324 /// NSF | **232003\_at** | 722.1106 | PNMAL2 |
| 230151\_at | 608.7842 | SPRYD7 | **1556940\_at** | 715.3439 | LOC283484 |
| 203610\_s\_at | -607.298 | TRIM38 | **211780\_x\_at** | 711.7324 | DCTN1 |
| 200982\_s\_at | 606.5216 | ANXA6 | **213386\_at** | 702.4629 | TMEM246 |
| 200786\_at | 606.5043 | PSMB7 | **204141\_at** | 698.7414 | TUBB2A |
| 211825\_s\_at | -603.774 | FLI1 | **222651\_s\_at** | -695.841 | TRPS1 |
| 1556159\_at | 601.9641 | --- | **223518\_at** | -694.958 | DFFA |
| 221908\_at | 601.5992 | RNFT2 | **229770\_at** | 691.4696 | GLT1D1 |
| 226188\_at | 598.5075 | LGALSL | **210736\_x\_at** | -688.473 | DTNA |
| 213333\_at | 595.9023 | MDH2 | **203157\_s\_at** | 687.8052 | GLS |
| 204365\_s\_at | 594.4984 | REEP1 | **203000\_at** | 684.0876 | STMN2 |
| 211071\_s\_at | 594.3335 | MLLT11 | **243998\_at** | 682.0451 | KRT222 |
| 238462\_at | 587.7885 | UBASH3B | **222513\_s\_at** | -681.776 | SORBS1 |
| 224869\_s\_at | 587.3067 | MRPS25 | **227401\_at** | -680.245 | IL17D |
| 208074\_s\_at | 586.6726 | AP2S1 | **214078\_at** | 678.9538 | AF070581 |
| 202132\_at | -586.357 | WWTR1 | **213921\_at** | 678.3264 | SST |
| 206984\_s\_at | 584.3967 | RIT2 | **213437\_at** | -676.059 | RUFY3 |
| 203567\_s\_at | -582.898 | TRIM38 | **244688\_at** | 673.9641 | --- |
| 223213\_s\_at | -582.483 | ZHX1 | **238673\_at** | 671.8608 | SAMD12 |
| 235066\_at | 580.263 | MAP4 | **219532\_at** | 669.3447 | ELOVL4 |
| 212041\_at | 580.0242 | ATP6V0D1 | **203517\_at** | 666.2342 | MTX2 |
| 208678\_at | 579.6262 | ATP6V1E1 | **209902\_at** | 665.4726 | ATR |
| 203339\_at | 579.5986 | SLC25A12 | **202395\_at** | 665.0639 | LOC101930324 /// NSF |
| 200093\_s\_at | 579.1173 | HINT1 | **232148\_at** | -664.862 | NSMAF |
| 212508\_at | 578.7059 | MOAP1 | **244463\_at** | 660.9286 | ADAM23 |
| 201387\_s\_at | 578.5783 | UCHL1 | **219752\_at** | 658.8935 | RASAL1 |
| 224895\_at | -578.473 | YAP1 | **217286\_s\_at** | 658.265 | NDRG3 |
| 211986\_at | -575.185 | AHNAK | **224888\_at** | 656.5233 | EPT1 |
| 244457\_at | -574.219 | --- | **214998\_at** | 652.9472 | AAK1 |
| 242470\_at | 570.0049 | EID2B | **204933\_s\_at** | -649.17 | TNFRSF11B |
| 235540\_at | -569.96 | GNRH1 | **203610\_s\_at** | -648.134 | TRIM38 |
| 212242\_at | 567.9714 | TUBA4A | **222699\_s\_at** | -642.503 | PLEKHF2 |
| 213921\_at | 565.8928 | SST | **211047\_x\_at** | 641.3021 | AP2S1 |
| 200978\_at | 565.3378 | MDH1 | **224378\_x\_at** | 632.9414 | MAP1LC3A |
| 219203\_at | 561.7508 | EMC9 | **235656\_s\_at** | 631.4345 | --- |
| 211047\_x\_at | 561.1055 | AP2S1 | **1554755\_a\_at** | 630.2849 | MTUS2 |
| 214812\_s\_at | -560.74 | MOB1A | **204744\_s\_at** | -629.077 | IARS |
| 215052\_at | 560.4711 | FRMPD4 | **204465\_s\_at** | 625.6696 | INA |
| 203340\_s\_at | 558.3332 | SLC25A12 | **205795\_at** | 624.8757 | NRXN3 |
| 223529\_at | 557.7887 | SYT4 | **207593\_at** | 619.8513 | ABCG4 |
| 214260\_at | 557.3378 | COPS8 | **224811\_at** | -618.729 | LPP |
| 208002\_s\_at | 553.8907 | ACOT7 | **202927\_at** | 616.8147 | PIN1 |
| 227226\_at | 552.6221 | MRAP2 | **236277\_at** | 613.0187 | AF070581 |
| 210149\_s\_at | 551.5478 | ATP5H | **223550\_s\_at** | 609.4759 | CA10 |
| 218300\_at | -549.929 | PAGR1 | **227455\_at** | 609.1942 | C6orf136 |
| 213451\_x\_at | -548.212 | TNXA /// TNXB | **219894\_at** | 607.2952 | MAGEL2 |
| 204964\_s\_at | -547.146 | SSPN | **209935\_at** | 605.1474 | ATP2C1 |
| 237173\_at | -547.005 | LOC100132057 | **233888\_s\_at** | -601.948 | SRGAP1 |
| 242876\_at | -546.258 | AKT3 | **209796\_s\_at** | 599.9521 | CNPY2 |
| 205646\_s\_at | -542.152 | PAX6 | **219660\_s\_at** | 596.7831 | ATP8A2 |
| 208869\_s\_at | 541.87 | GABARAPL1 | **223604\_at** | -592.996 | GARNL3 |
| 205751\_at | 541.2557 | SH3GL2 | **223011\_s\_at** | -591.22 | OCIAD1 |
| 221909\_at | 540.6045 | RNFT2 | **219203\_at** | 591.1096 | EMC9 |
| 201322\_at | 540.2769 | ATP5B | **230773\_at** | 589.206 | ZNF385D |
| 208813\_at | 539.6017 | GOT1 | **219659\_at** | 588.3733 | ATP8A2 |
| 238719\_at | 538.9404 | PPP2CA | **228262\_at** | 587.0067 | MAP7D2 |
| 213558\_at | 537.9431 | PCLO | **224955\_at** | -586.067 | TEAD1 |
| 202077\_at | 536.3325 | NDUFAB1 | **205531\_s\_at** | 583.341 | GLS2 |
| 222513\_s\_at | -535.763 | SORBS1 | **224458\_at** | 581.7807 | TMEM246 |
| 202854\_at | 535.5354 | HPRT1 | **244739\_at** | 579.0529 | RDX |
| 212383\_at | 534.3476 | ATP6V0A1 | **203001\_s\_at** | 577.171 | STMN2 |
| 218163\_at | 534.2745 | MCTS1 | **201962\_s\_at** | 575.5479 | RNF41 |
| 215440\_s\_at | 531.0412 | BEX4 | **238462\_at** | 569.4623 | UBASH3B |
| 217286\_s\_at | 530.1348 | NDRG3 | **216903\_s\_at** | 560.1598 | MICU1 |
| 206046\_at | 526.8101 | ADAM23 | **229039\_at** | 556.3237 | SYN2 |
| 210232\_at | 521.7732 | CDC42 | **203607\_at** | 556.2603 | INPP5F |
| 232426\_at | 520.4085 | SV2B | **226649\_at** | 555.5153 | PANK1 |
| 208898\_at | 520.3369 | ATP6V1D | **215052\_at** | 555.2845 | FRMPD4 |
| 226647\_at | 519.1731 | TMEM25 | **236440\_at** | 548.659 | NETO1 |
| 204953\_at | 518.5381 | SNAP91 | **1557820\_at** | 545.9279 | AFG3L2 |
| 210040\_at | 516.1374 | SLC12A5 | **213553\_x\_at** | -545.436 | APOC1 |
| 233337\_s\_at | 515.4779 | SEZ6L2 | **223367\_at** | 544.8331 | DNAJC30 |
| 207507\_s\_at | 514.4219 | ATP5G3 | **1556151\_at** | -544.468 | ITFG1 |
| 212425\_at | 514.1983 | SCAMP1 | **221805\_at** | 543.4569 | NEFL |
| 230458\_at | 512.8617 | SLC45A1 | **206369\_s\_at** | -534.098 | PIK3CG |
| 1554524\_a\_at | 512.3119 | OLFM3 | **226470\_at** | 533.676 | GGT7 |
| 213268\_at | 512.31 | CAMTA1 | **201519\_at** | -530.712 | TOMM70A |
| 229300\_at | 511.8847 | RAB3C | **225535\_s\_at** | 529.824 | TIMM23 /// TIMM23B |
| 231763\_at | 510.5481 | POLR3A | **233323\_at** | -527.026 | --- |
| 225779\_at | 510.4205 | SLC27A4 | **223529\_at** | 523.8441 | SYT4 |
| 1568603\_at | 509.9809 | CADPS | **208969\_at** | 523.6801 | NDUFA9 |
| 243317\_at | 509.8543 | AX746627 | **201082\_s\_at** | 522.4415 | DCTN1 /// SLC4A5 |
| 201293\_x\_at | 509.3059 | LOC101060363 /// PPIA | **230258\_at** | -521.58 | GLIS3 |
| 49077\_at | 507.71 | PPME1 | **214157\_at** | -520.654 | GNAS |
| 1554593\_s\_at | 506.8041 | SLC1A6 | **210617\_at** | -518.008 | PHEX |
| 216333\_x\_at | -505.796 | TNXA /// TNXB | **225817\_at** | -516.02 | CGNL1 /// LOC101930344 /// LOC101930349 |
| 232003\_at | 505.298 | PNMAL2 | **223239\_at** | 515.1614 | GSKIP |
| 201757\_at | 504.2841 | NDUFS5 /// RPL10 | **244647\_at** | 512.9227 | WBP11 |
| 213938\_at | 503.9022 | ERC2 | **225111\_s\_at** | 509.2567 | NAPB |
| 225485\_at | 503.8816 | CEP41 | **202016\_at** | 503.0683 | MEST |
| 223174\_at | 502.7295 | BTBD10 | **225781\_at** | 496.9104 | MAPK9 |
| 226568\_at | 501.7294 | FAM102B | **205278\_at** | 495.473 | GAD1 |
| 227702\_at | 501.4681 | CYP4X1 | **213451\_x\_at** | -493.735 | TNXA /// TNXB |
| 216323\_x\_at | 501.2349 | TUBA3C /// TUBA3D | **221731\_x\_at** | -489.408 | VCAN |
| 211765\_x\_at | 496.8382 | PPIA | **230137\_at** | -488.779 | TMEM155 |
| 232011\_s\_at | 496.5484 | MAP1LC3A | **201241\_at** | -487.544 | DDX1 |
| 223041\_at | 496.2135 | CD99L2 | **229267\_at** | 484.1969 | ANAPC1 /// LOC730268 |
| 222005\_s\_at | 494.888 | GNG3 | **203069\_at** | 482.4247 | SV2A |
| 210786\_s\_at | -492.048 | FLI1 | **241758\_at** | 481.9756 | NUP93 |
| 202927\_at | 490.6765 | PIN1 | **229649\_at** | 480.5208 | NRXN3 |
| 219659\_at | 485.8975 | ATP8A2 | **202698\_x\_at** | -479.653 | COX4I1 |
| 228579\_at | 485.2712 | KCNQ3 | **238115\_at** | 479.2961 | DNAJC18 |
| 223367\_at | 481.0806 | DNAJC30 | **215021\_s\_at** | 476.62 | NRXN3 |
| 203157\_s\_at | 479.2539 | GLS | **219301\_s\_at** | 474.5526 | CNTNAP2 |
| 205278\_at | 477.9531 | GAD1 | **215440\_s\_at** | 474.036 | BEX4 |
| 204749\_at | 477.0203 | NAP1L3 | **213333\_at** | 472.725 | MDH2 |
| 208451\_s\_at | -473.07 | C4A /// C4B /// C4B\_2 | **214924\_s\_at** | -469.32 | TRAK1 |
| 201962\_s\_at | 471.6822 | RNF41 | **202961\_s\_at** | 463.7806 | ARMC2-AS1 /// ATP5J2 |
| 204465\_s\_at | 465.6787 | INA | **243317\_at** | 458.4486 | AX746627 |
| 231935\_at | 465.2298 | ARPP21 | **218300\_at** | -456.892 | PAGR1 |
| 206343\_s\_at | 465.1019 | NRG1 | **201431\_s\_at** | -456.197 | DPYSL3 |
| 208870\_x\_at | 464.1798 | ATP5C1 | **226813\_at** | -451.46 | NTPCR |
| 238115\_at | 462.0177 | DNAJC18 | **1556034\_s\_at** | -450.75 | MTMR11 |
| 217841\_s\_at | 460.3279 | PPME1 | **214434\_at** | 450.4019 | HSPA12A |
| 207636\_at | -459.959 | SERPINI2 | **232011\_s\_at** | 447.6499 | MAP1LC3A |
| 210532\_s\_at | 458.9324 | C14orf2 | **208451\_s\_at** | -439.407 | C4A /// C4B /// C4B\_2 |
| 201082\_s\_at | 458.4674 | DCTN1 /// SLC4A5 | **204001\_at** | 439.1362 | SNAPC3 |
| 213366\_x\_at | 456.7975 | ATP5C1 | **230458\_at** | 432.4125 | SLC45A1 |
| 219688\_at | 456.4745 | BBS7 | **207984\_s\_at** | 424.7349 | MPP2 |
| 212661\_x\_at | 451.8994 | LOC101060363 /// PPIA | **217942\_at** | 421.8627 | MRPS35 |
| 209036\_s\_at | 451.7223 | MDH2 | **232426\_at** | 421.6899 | SV2B |
| 209570\_s\_at | 448.4802 | NSG1 | **227702\_at** | 421.3509 | CYP4X1 |
| 208969\_at | 446.6259 | NDUFA9 | **203020\_at** | 420.4294 | RABGAP1L |
| 219896\_at | 446.5716 | CALY | **230708\_at** | 420.1529 | PRICKLE1 |
| 214434\_at | 445.6782 | HSPA12A | **202041\_s\_at** | -413.998 | FIBP |
| 232195\_at | 444.0725 | GPR158 | **203889\_at** | 413.7113 | SCG5 |
| 37950\_at | 443.9679 | PREP | **226188\_at** | 407.0311 | LGALSL |
| 1554755\_a\_at | 442.5282 | MTUS2 | **222565\_s\_at** | -406.495 | PRKD3 |
| 208846\_s\_at | 439.6988 | VDAC3 | **227226\_at** | 406.1829 | MRAP2 |
| 207853\_s\_at | 439.672 | SNCB | **215728\_s\_at** | 405.2953 | ACOT7 |
| 214998\_at | 439.1024 | AAK1 | **209029\_at** | 403.9069 | COPS7A |
| 211072\_x\_at | 438.3777 | TUBA1B | **226653\_at** | 403.3984 | MARK1 |
| 213486\_at | 437.2015 | COPG2IT1 | **212661\_x\_at** | 403.2344 | LOC101060363 /// PPIA |
| 227455\_at | 436.4778 | C6orf136 | **203396\_at** | 402.2869 | PSMA4 |
| 213278\_at | 435.9007 | MTMR9 | **205257\_s\_at** | 400.3495 | AMPH |
| 205257\_s\_at | 434.0623 | AMPH | **227461\_at** | -397.883 | STON2 |
| 209991\_x\_at | 433.1299 | GABBR2 | **210532\_s\_at** | 395.3816 | C14orf2 |
| 217976\_s\_at | 432.6682 | DYNC1LI1 | **222005\_s\_at** | 394.4984 | GNG3 |
| 227461\_at | -429.93 | STON2 | **204749\_at** | 392.4232 | NAP1L3 |
| 229526\_at | 428.6714 | AQP11 | **213270\_at** | 390.2275 | MPP2 |
| 233910\_at | 425.3976 | TMEFF2 | **217832\_at** | -389.639 | SYNCRIP |
| 227401\_at | -424.994 | IL17D | **205608\_s\_at** | -385.995 | ANGPT1 |
| 209540\_at | 424.7923 | IGF1 | **231869\_at** | 385.2574 | KIAA1586 |
| 209186\_at | 421.6858 | ATP2A2 | **229526\_at** | 383.6497 | AQP11 |
| 206404\_at | 421.1105 | FGF9 | **218568\_at** | -382.975 | AGK |
| 204141\_at | 420.5649 | TUBB2A | **224970\_at** | -381.596 | NFIA |
| 213808\_at | 419.2197 | ADAM23 | **227176\_at** | 376.8269 | SLC2A13 |
| 222060\_at | -417.313 | KRT8P12 | **213278\_at** | 375.6296 | MTMR9 |
| 225817\_at | -415.969 | CGNL1 /// LOC101930344 /// LOC101930349 | **206408\_at** | -375.53 | LRRTM2 |
| 244688\_at | 413.3407 | --- | **204953\_at** | 374.1472 | SNAP91 |
| 635\_s\_at | 411.7843 | PPP2R5B | **229925\_at** | 372.7854 | SLC6A17 |
| 219894\_at | 410.4889 | MAGEL2 | **209545\_s\_at** | -370.083 | RIPK2 |
| 205348\_s\_at | 410.2197 | DYNC1I1 | **226259\_at** | 367.2636 | EXOC6 |
| 205531\_s\_at | 410.0155 | GLS2 | **202683\_s\_at** | 366.6368 | RNMT |
| 214157\_at | 408.7995 | GNAS | **226822\_at** | -362.708 | STOX2 |
| 207026\_s\_at | 408.1714 | ATP2B3 | **215143\_at** | -360.452 | DPY19L2P2 |
| 227219\_x\_at | 407.9944 | MAP1LC3A | **242876\_at** | -359.362 | AKT3 |
| 223461\_at | 406.0109 | TBC1D7 | **223093\_at** | 358.829 | ANKH |
| 230137\_at | 405.995 | TMEM155 | **218597\_s\_at** | -358.62 | CISD1 |
| 210247\_at | 405.2493 | SYN2 | **219983\_at** | -357.454 | HRASLS |
| 203001\_s\_at | 404.8228 | STMN2 | **210149\_s\_at** | 357.0469 | ATP5H |
| 232377\_at | 403.2976 | NXPH1 | **235852\_at** | -352.803 | STON2 |
| 218720\_x\_at | 401.1462 | SEZ6L2 | **224913\_s\_at** | 352.4561 | TIMM50 |
| 203607\_at | 400.1375 | INPP5F | **233877\_at** | -351.503 | --- |
| 203517\_at | 399.7382 | MTX2 | **228297\_at** | 349.0066 | --- |
| 220334\_at | 398.1892 | RGS17 | **210247\_at** | 348.0113 | SYN2 |
| 203999\_at | 397.6325 | SYT1 | **239935\_at** | 345.658 | MDGA2 |
| 203094\_at | 393.3066 | MAD2L1BP | **232195\_at** | 345.0181 | GPR158 |
| 215021\_s\_at | 392.3398 | NRXN3 | **212987\_at** | 344.777 | FBXO9 |
| 216903\_s\_at | 391.0412 | MICU1 | **227456\_s\_at** | -340.583 | C6orf136 |
| 203000\_at | 390.3201 | STMN2 | **201293\_x\_at** | 338.3984 | LOC101060363 /// PPIA |
| 213386\_at | 388.5349 | TMEM246 | **225485\_at** | 338.2935 | CEP41 |
| 224378\_x\_at | 388.3577 | MAP1LC3A | **211765\_x\_at** | 331.0401 | PPIA |
| 219532\_at | 386.3311 | ELOVL4 | **208846\_s\_at** | 331.0231 | VDAC3 |
| 202120\_x\_at | 385.7374 | AP2S1 | **202712\_s\_at** | 328.8745 | CKMT1A /// CKMT1B |
| 244066\_at | -385.371 | RP11-513M16.7 | **213720\_s\_at** | 328.3299 | SMARCA4 |
| 224888\_at | 384.7065 | EPT1 | **208870\_x\_at** | 327.4047 | ATP5C1 |
| 220889\_s\_at | 384.6269 | CA10 | **1568603\_at** | 326.9598 | CADPS |
| 219660\_s\_at | 382.0809 | ATP8A2 | **203862\_s\_at** | 323.9078 | ACTN2 |
| 1553211\_at | -379.449 | ANKFN1 | **225841\_at** | -323.88 | HENMT1 |
| 1556034\_s\_at | -378.573 | MTMR11 | **209003\_at** | 321.7179 | SLC25A11 |
| 244463\_at | 378.174 | ADAM23 | **244099\_at** | 320.6363 | CACNG2 |
| 223708\_at | 378.0153 | C1QTNF4 | **202078\_at** | 319.0476 | COPS3 |
| 236277\_at | 375.5994 | AF070581 | **218760\_at** | 317.5592 | COQ6 |
| 226086\_at | 374.8411 | SYT13 | **209444\_at** | -316.023 | RAP1GDS1 |
| 202779\_s\_at | 374.5728 | UBE2S | **213366\_x\_at** | 314.8865 | ATP5C1 |
| 242583\_at | -374.058 | STON2 | **208898\_at** | 309.8831 | ATP6V1D |
| 204001\_at | 370.8504 | SNAPC3 | **220334\_at** | 309.8622 | RGS17 |
| 210108\_at | 370.7908 | CACNA1D | **205012\_s\_at** | 307.9528 | HAGH |
| 201714\_at | 368.7893 | TUBG1 | **201714\_at** | 302.6311 | TUBG1 |
| 227176\_at | 365.3517 | SLC2A13 | **211962\_s\_at** | -299.101 | ZFP36L1 |
| 214230\_at | 364.9168 | CDC42 | **226154\_at** | 298.4369 | DNM1L |
| 218477\_at | 364.1236 | TMEM14A | **216323\_x\_at** | 293.5372 | TUBA3C /// TUBA3D |
| 225781\_at | 360.7321 | MAPK9 | **208017\_s\_at** | -293.446 | MCF2 |
| 218597\_s\_at | 360.2695 | CISD1 | **213293\_s\_at** | -291.913 | TRIM22 |
| 216056\_at | -359.448 | CD44 | **231120\_x\_at** | 291.8384 | PKIB |
| 213884\_s\_at | 358.0184 | TRIM3 | **213217\_at** | -291.32 | ADCY2 |
| 202078\_at | 357.1325 | COPS3 | **210232\_at** | 288.6277 | CDC42 |
| 218760\_at | 356.7027 | COQ6 | **202233\_s\_at** | 288.6219 | UQCRH /// UQCRHL |
| 217979\_at | 356.4424 | TSPAN13 | **207853\_s\_at** | 287.2982 | SNCB |
| 223340\_at | 355.5172 | ATL1 | **236838\_at** | 283.2905 | SRCIN1 |
| 205230\_at | 354.4 | RPH3A | **227084\_at** | -282.427 | DTNA |
| 228262\_at | 350.3152 | MAP7D2 | **211685\_s\_at** | 281.7687 | NCALD |
| 205012\_s\_at | 346.2004 | HAGH | **213884\_s\_at** | 281.3861 | TRIM3 |
| 223550\_s\_at | 343.5668 | CA10 | **205609\_at** | 279.251 | ANGPT1 |
| 209694\_at | 339.2039 | PTS | **226568\_at** | 271.7044 | FAM102B |
| 223532\_at | 338.1822 | ANKRD39 | **221908\_at** | 268.3859 | RNFT2 |
| 213217\_at | -337.965 | ADCY2 | **205230\_at** | 265.0923 | RPH3A |
| 221880\_s\_at | 332.3428 | FAM174B | **244111\_at** | 264.7226 | KRT222 |
| 232148\_at | -331.605 | NSMAF | **1552736\_a\_at** | 264.1744 | NETO1 |
| 202683\_s\_at | 331.5663 | RNMT | **206404\_at** | 260.6328 | FGF9 |
| 235664\_at | -331.14 | --- | **212041\_at** | 257.78 | ATP6V0D1 |
| 209935\_at | -330.499 | ATP2C1 | **207636\_at** | 257.4378 | SERPINI2 |
| 235852\_at | -330.282 | STON2 | **200982\_s\_at** | 256.8772 | ANXA6 |
| 205359\_at | 329.0578 | AKAP6 | **202947\_s\_at** | -254.722 | GYPC |
| 214665\_s\_at | 326.6452 | CHP1 | **235006\_at** | 254.2419 | CDKN2AIPNL |
| 202712\_s\_at | 324.0712 | CKMT1A /// CKMT1B | **205751\_at** | 250.7806 | SH3GL2 |
| 238889\_at | 322.3045 | AGBL5 | **207507\_s\_at** | 250.1977 | ATP5G3 |
| 217077\_s\_at | 319.7116 | GABBR2 | **210786\_s\_at** | -248.987 | FLI1 |
| 203020\_at | 317.2382 | RABGAP1L | **1556159\_at** | 248.1631 | --- |
| 229097\_at | -315.779 | DIAPH3 | **228579\_at** | 247.8002 | KCNQ3 |
| 200960\_x\_at | 313.6386 | CLTA | **204365\_s\_at** | 247.0526 | REEP1 |
| 206369\_s\_at | -312.661 | PIK3CG | **220794\_at** | 243.6546 | GREM2 |
| 229649\_at | 310.7752 | NRXN3 | **217979\_at** | 243.4581 | TSPAN13 |
| 218901\_at | -310.21 | PLSCR4 | **214722\_at** | -241.201 | NOTCH2NL |
| 241399\_at | 309.7083 | FAM19A2 | **241801\_at** | -237.019 | PGAP1 |
| 229267\_at | 307.7823 | ANAPC1 /// LOC730268 | **231763\_at** | 236.9518 | POLR3A |
| 1556940\_at | 306.567 | LOC283484 | **240111\_at** | -235.188 | RHOBTB3 |
| 1554835\_a\_at | -305.413 | B3GNT5 | **235253\_at** | 230.8349 | RAD1 |
| 223093\_at | 304.3867 | ANKH | **200978\_at** | 229.2484 | MDH1 |
| 223011\_s\_at | 303.4819 | OCIAD1 | **208869\_s\_at** | 227.461 | GABARAPL1 |
| 201519\_at | 301.5185 | TOMM70A | **208430\_s\_at** | 226.1252 | DTNA |
| 207593\_at | 301.1088 | ABCG4 | **242470\_at** | 225.8199 | EID2B |
| 203069\_at | 301.0595 | SV2A | **223530\_at** | -221.24 | TDRKH |
| 203862\_s\_at | 299.2924 | ACTN2 | **1554592\_a\_at** | 220.5799 | SLC1A6 |
| 210650\_s\_at | 298.6419 | PCLO | **224869\_s\_at** | 218.2891 | MRPS25 |
| 213720\_s\_at | 290.3598 | SMARCA4 | **203339\_at** | -217.837 | SLC25A12 |
| 202041\_s\_at | 288.6445 | FIBP | **209694\_at** | 215.6529 | PTS |
| 227444\_at | 288.2494 | ARMCX4 | **220889\_s\_at** | 215.5907 | CA10 |
| 228680\_at | 283.4397 | KIF3A | **227219\_x\_at** | -212.677 | MAP1LC3A |
| 224913\_s\_at | 282.9273 | TIMM50 | **226339\_at** | 209.2648 | TRUB1 |
| 221805\_at | 281.1573 | NEFL | **239265\_at** | 208.653 | SLC35G1 |
| 213270\_at | 280.8989 | MPP2 | **218720\_x\_at** | 207.499 | SEZ6L2 |
| 228109\_at | 279.6226 | RASGRF2 | **37950\_at** | 206.8818 | PREP |
| 204521\_at | 279.3037 | FAM216A | **216333\_x\_at** | -206.512 | TNXA /// TNXB |
| 226653\_at | 278.7971 | MARK1 | **201174\_s\_at** | 205.0268 | TERF2IP |
| 226259\_at | 278.1819 | EXOC6 | **202854\_at** | 204.4983 | HPRT1 |
| 221847\_at | 276.1608 | LOC100129361 | **227662\_at** | 199.8726 | SYNPO2 |
| 209003\_at | 275.9778 | SLC25A11 | **214230\_at** | 193.2752 | CDC42 |
| 238466\_at | 274.5517 | --- | **223461\_at** | 192.6564 | TBC1D7 |
| 211615\_s\_at | 273.3865 | LRPPRC | **213268\_at** | 191.4669 | CAMTA1 |
| 201241\_at | 272.5821 | DDX1 | **212072\_s\_at** | -190.634 | CSNK2A1 |
| 244099\_at | 267.8911 | CACNG2 | **218969\_at** | 190.0734 | PAM16 |
| 201431\_s\_at | -267.395 | DPYSL3 | **1555313\_a\_at** | -190.008 | MCF2 |
| 202825\_at | 265.1569 | SLC25A4 | **228062\_at** | 186.2206 | NAP1L5 |
| 238504\_at | 264.774 | C6orf57 | **235664\_at** | -180.701 | --- |
| 244739\_at | 263.4616 | RDX | **209186\_at** | 180.1734 | ATP2A2 |
| 214170\_x\_at | 262.693 | FH | **227669\_at** | 180.0577 | MPC2 |
| 226470\_at | 256.7807 | GGT7 | **226647\_at** | 178.8719 | TMEM25 |
| 223239\_at | 255.264 | GSKIP | **236638\_at** | 173.6254 | AMER3 |
| 203724\_s\_at | 254.1272 | RUFY3 | **214306\_at** | -172.892 | OPA1 |
| 211887\_x\_at | -251.552 | MSR1 | **209540\_at** | 172.6241 | IGF1 |
| 226154\_at | 248.6084 | DNM1L | **242317\_at** | -166.801 | HIGD1A |
| 214306\_at | 240.047 | OPA1 | **214665\_s\_at** | 164.719 | CHP1 |
| 225060\_at | 238.7873 | LRP11 | **209990\_s\_at** | 163.4001 | GABBR2 |
| 222125\_s\_at | 238.6281 | P4HTM | **208457\_at** | 161.8416 | GABRD |
| 218671\_s\_at | 236.9508 | ATPIF1 | **1569054\_at** | -161.213 | SLC1A3 |
| 204471\_at | 235.7707 | GAP43 | **212508\_at** | 160.2722 | MOAP1 |
| 203889\_at | 234.6158 | SCG5 | **49077\_at** | 159.7288 | PPME1 |
| 224458\_at | 234.3127 | TMEM246 | **233337\_s\_at** | 159.2456 | SEZ6L2 |
| 226813\_at | 232.9356 | NTPCR | **217841\_s\_at** | 157.6807 | PPME1 |
| 204744\_s\_at | 232.5088 | IARS | **202077\_at** | 154.1901 | NDUFAB1 |
| 230708\_at | 232.0271 | PRICKLE1 | **204964\_s\_at** | -152.057 | SSPN |
| 243998\_at | 229.3549 | KRT222 | **1554593\_s\_at** | 149.9104 | SLC1A6 |
| 202698\_x\_at | 227.9036 | COX4I1 | **1555801\_s\_at** | 149.087 | ZNF385B |
| 209902\_at | 227.2711 | ATR | **212877\_at** | 148.826 | KLC1 |
| 225969\_at | 226.75 | ALKBH6 | **217976\_s\_at** | 148.0934 | DYNC1LI1 |
| 202486\_at | 226.5041 | AFG3L2 | **208308\_s\_at** | 147.7353 | GPI |
| 219271\_at | -225.499 | GALNT14 | **208074\_s\_at** | 147.6278 | AP2S1 |
| 51158\_at | 222.9417 | FAM174B | **214762\_at** | 147.3905 | ATP6V1G2 |
| 204117\_at | 221.7192 | PREP | **201972\_at** | 147.0541 | ATP6V1A |
| 215143\_at | 217.1009 | DPY19L2P2 | **218901\_at** | -144.644 | PLSCR4 |
| 200078\_s\_at | 213.4137 | ATP6V0B | **207508\_at** | 140.0341 | ATP5G3 |
| 213793\_s\_at | 212.4751 | HOMER1 | **206343\_s\_at** | -139.257 | NRG1 |
| 205795\_at | 206.9964 | NRXN3 | **229097\_at** | -138.881 | DIAPH3 |
| 235253\_at | 202.0353 | RAD1 | **238719\_at** | 136.5449 | PPP2CA |
| 235006\_at | 199.6572 | CDKN2AIPNL | **228063\_s\_at** | 135.8384 | NAP1L5 |
| 214078\_at | 198.3174 | AF070581 | **208813\_at** | 135.3045 | GOT1 |
| 226752\_at | 194.8728 | FAM174A | **204471\_at** | 134.9463 | GAP43 |
| 212987\_at | 191.0975 | FBXO9 | **212242\_at** | 134.7068 | TUBA4A |
| 203745\_at | 190.5071 | HCCS | **208826\_x\_at** | 132.3672 | HINT1 |
| 213427\_at | 185.6025 | RPP40 | **212383\_at** | 131.4903 | ATP6V0A1 |
| 219752\_at | 183.5263 | RASAL1 | **206046\_at** | 130.5282 | ADAM23 |
| 231120\_x\_at | 182.435 | PKIB | **205359\_at** | 129.5228 | AKAP6 |
| 238673\_at | 179.5717 | SAMD12 | **214260\_at** | -125.745 | COPS8 |
| 219301\_s\_at | 177.2748 | CNTNAP2 | **1555961\_a\_at** | 125.7431 | HINT1 |
| 225719\_s\_at | 176.1604 | MRPL55 | **209589\_s\_at** | 125.7246 | EPHB2 |
| 212686\_at | -175.668 | PPM1H | **240532\_at** | 125.1146 | SLC32A1 |
| 206408\_at | 174.4097 | LRRTM2 | **233910\_at** | -122.714 | TMEFF2 |
| 203396\_at | 173.6381 | PSMA4 | **200907\_s\_at** | -121.286 | PALLD |
| 239935\_at | 171.1344 | MDGA2 | **209569\_x\_at** | -119.326 | NSG1 |
| 230547\_at | 170.7616 | KCNC1 | **213486\_at** | 116.1213 | COPG2IT1 |
| 209589\_s\_at | -170.591 | EPHB2 | **208678\_at** | 113.8205 | ATP6V1E1 |
| 219208\_at | 169.1046 | FBXO11 | **218824\_at** | -112.358 | PNMAL1 |
| 211034\_s\_at | 165.9004 | HECTD4 | **208845\_at** | -111.993 | VDAC3 |
| 212072\_s\_at | 164.2272 | CSNK2A1 | **201322\_at** | 111.8173 | ATP5B |
| 202178\_at | 164.1665 | PRKCZ | **223174\_at** | 111.5716 | BTBD10 |
| 211780\_x\_at | 154.1744 | DCTN1 | **211615\_s\_at** | 111.2908 | LRPPRC |
| 204721\_s\_at | -154.143 | DNAJC6 | **236465\_at** | 111.1069 | RNF175 |
| 239765\_at | 154.0876 | CPEB3 | **227468\_at** | 110.566 | CPT1C |
| 223518\_at | 153.6948 | DFFA | **206984\_s\_at** | 109.0803 | RIT2 |
| 1556151\_at | 151.9731 | ITFG1 | **218671\_s\_at** | 108.7828 | ATPIF1 |
| 226767\_s\_at | 149.8617 | FAHD1 | **223340\_at** | 108.2118 | ATL1 |
| 231967\_at | 147.9648 | PHF20L1 | **200786\_at** | 106.8577 | PSMB7 |
| 241801\_at | 146.9874 | PGAP1 | **238871\_at** | 104.7532 | MLLT4 |
| 238658\_at | 143.9744 | --- | **1554524\_a\_at** | 104.4727 | OLFM3 |
| 208850\_s\_at | 143.633 | THY1 | **225779\_at** | 104.3554 | SLC27A4 |
| 209796\_s\_at | 141.6818 | CNPY2 | **208751\_at** | 103.6941 | NAPA |
| 238871\_at | 139.7666 | MLLT4 | **238889\_at** | -102.327 | AGBL5 |
| 201873\_s\_at | -137.021 | ABCE1 | **211825\_s\_at** | -100.912 | FLI1 |
| 209242\_at | 134.339 | PEG3 | **200093\_s\_at** | 99.18889 | HINT1 |
| 207153\_s\_at | 132.8518 | GLMN | **200613\_at** | 98.79305 | AP2M1 |
| 223530\_at | 127.9521 | TDRKH | **230151\_at** | 95.1775 | SPRYD7 |
| 217782\_s\_at | 127.3692 | GPS1 | **207501\_s\_at** | -85.1758 | FGF12 |
| 211679\_x\_at | 126.5163 | GABBR2 | **218163\_at** | 84.58546 | MCTS1 |
| 240942\_at | 125.0154 | MPHOSPH8 | **214436\_at** | 84.53391 | FBXL2 |
| 201410\_at | -124.947 | PLEKHB2 | **1554133\_at** | 84.28382 | RUFY2 |
| 209444\_at | 121.9157 | RAP1GDS1 | **208002\_s\_at** | 82.90369 | ACOT7 |
| 225535\_s\_at | 112.2326 | TIMM23 /// TIMM23B | **213808\_at** | 80.6313 | ADAM23 |
| 213149\_at | 111.8264 | DLAT | **231935\_at** | 74.56355 | ARPP21 |
| 227468\_at | 109.4208 | CPT1C | **221909\_at** | 70.21675 | RNFT2 |
| 207984\_s\_at | 101.092 | MPP2 | **1553037\_a\_at** | 69.70476 | SYN2 |
| 212683\_at | 94.91348 | SLC25A44 | **200802\_at** | 69.66659 | SARS |
| 244647\_at | 89.85304 | WBP11 | **203340\_s\_at** | 68.47243 | SLC25A12 |
| 202128\_at | -85.3391 | AREL1 | **212425\_at** | -66.8776 | SCAMP1 |
| 231869\_at | 84.51993 | KIAA1586 | **230498\_at** | 59.0723 | MCHR1 |
| 227456\_s\_at | 81.79146 | C6orf136 | **213427\_at** | 56.80502 | RPP40 |
| 242317\_at | 79.67675 | HIGD1A | **635\_s\_at** | 49.87908 | PPP2R5B |
| 223604\_at | 76.76849 | GARNL3 | **233036\_at** | -49.7785 | --- |
| 208017\_s\_at | 75.38065 | MCF2 | **215823\_x\_at** | -47.625 | PABPC1 /// RLIM |
| 218935\_at | 71.15767 | EHD3 | **201313\_at** | -45.4282 | ENO2 |
| 219907\_at | 61.38719 | FRS3 | **202486\_at** | 44.76528 | AFG3L2 |
| 229135\_at | 60.88453 | FASTKD2 | **226767\_s\_at** | 43.19214 | FAHD1 |
| 225841\_at | 60.02535 | HENMT1 | **209036\_s\_at** | 37.67159 | MDH2 |
| 1559257\_a\_at | 53.16606 | MAGI1 | **211071\_s\_at** | -36.7858 | MLLT11 |
| 37226\_at | -52.6381 | BNIP1 | **207772\_s\_at** | 36.0643 | PRMT8 |
| 1557820\_at | -52.3503 | AFG3L2 | **211493\_x\_at** | 33.29334 | DTNA |
| 1552736\_a\_at | 50.68467 | NETO1 | **238658\_at** | 31.95698 | --- |
| 239265\_at | 49.7943 | SLC35G1 | **235540\_at** | -30.2928 | GNRH1 |
| 204720\_s\_at | -48.125 | DNAJC6 | **227444\_at** | -30.0678 | ARMCX4 |
| 209990\_s\_at | 43.9096 | GABBR2 | **210315\_at** | 19.18734 | SYN2 |
| 204514\_at | 39.94365 | DPH2 | **202825\_at** | -19.1829 | SLC25A4 |
| 219983\_at | -33.2648 | HRASLS | **226826\_at** | 17.6533 | LSM11 |
| 226339\_at | 31.61987 | TRUB1 | **1555800\_at** | 17.05508 | ZNF385B |
| 231986\_at | 28.64193 | RIMS1 | **203745\_at** | 17.01282 | HCCS |
| 226649\_at | 21.89886 | PANK1 | **223041\_at** | -16.0713 | CD99L2 |
| 236838\_at | -17.4106 | SRCIN1 | **212878\_s\_at** | 15.17748 | KLC1 |
| 241758\_at | 14.91252 | NUP93 | **202941\_at** | -11.8918 | NDUFV2 |
| 1554133\_at | 12.76393 | RUFY2 | **207721\_x\_at** | 11.03058 | HINT1 |
| 218568\_at | -12.1702 | AGK | **231967\_at** | -10.0462 | PHF20L1 |
| 218969\_at | 11.44138 | PAM16 | **209570\_s\_at** | 8.630514 | NSG1 |
| 226822\_at | -10.2288 | STOX2 | **1564706\_s\_at** | -7.54456 | GLS2 |
| 217942\_at | 9.993471 | MRPS35 | **219208\_at** | 7.440692 | FBXO11 |
| 228835\_at | 3.254713 | RP4-758J24.5 | **219688\_at** | -1.64909 | BBS7 |