**Supplementary Table 2 Gene expression changes in MCF7 cells comparing parental cells after a 48 hour treatment with 1 μM DOX, and comparing DOX selected cells with cells after the 48 hour treatment.** Edges 3, 4, 7 and 8 refer to the numbering system shown in Suppl. Fig. 1.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DOX48 on MCF7 - UP (550; edge 3)** | | | **DOX48 on MCF7 - DOWN (186; edge 4)** | | | **DOX on DOX48 - UP (121; edge 8)** | | | **DOX on DOX48 - DOWN (498; edge 7)** | | |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Probe ID** | **TargetID** | **FC** | **Probe ID** | **TargetID** | **FC** | **Probe ID** | **TargetID** | **FC** | **Probe ID** | **TargetID** | **FC** |
| 1260020 | TP53I3 | 25.4 | 3170286 | LOC647000 | -6.0 | 450424 | CXCR7 | 6.2 | 50309 | DPYSL4 | -23.5 |
| 50309 | DPYSL4 | 22.8 | 3890349 | HIST1H4C | -5.5 | 3990170 | IFI27 | 5.1 | 3130220 | TMEM158 | -22.6 |
| 4560328 | FSCN1 | 21.8 | 6510176 | TUBA1B | -5.4 | 60670 | LXN | 4.4 | 4560328 | FSCN1 | -19.2 |
| 3130220 | TMEM158 | 21.0 | 4230091 | HNRPA2B1 | -5.0 | 5870474 | RHOBTB3 | 4.3 | 1260020 | TP53I3 | -17.1 |
| 6480059 | ACTA2 | 18.2 | 2510019 | EIF3E | -5.0 | 3170286 | LOC647000 | 4.3 | 6520139 | FGFR3 | -14.8 |
| 7330392 | TAP1 | 15.2 | 450424 | CXCR7 | -4.9 | 6860047 | HS.579631 | 4.2 | 2900274 | VASN | -12.7 |
| 610451 | HIST2H2AA3 | 14.1 | 6650079 | C3ORF14 | -4.6 | 4120553 | WISP2 | 4.2 | 1010333 | MSX1 | -12.3 |
| 2070360 | C17ORF82 | 13.9 | 6860047 | HS.579631 | -4.3 | 610437 | CD24 | 3.8 | 7330392 | TAP1 | -11.0 |
| 1010333 | MSX1 | 12.9 | 2070494 | PRC1 | -4.2 | 3290630 | SERPINA5 | 3.7 | 2070360 | C17ORF82 | -9.9 |
| 4230201 | CDKN1A | 12.6 | 6770438 | HIST1H1B | -4.2 | 4850731 | TFPI | 3.5 | 6480059 | ACTA2 | -9.7 |
| 2900274 | VASN | 12.1 | 2230619 | HIST1H4E | -4.1 | 1340039 | TFPI | 3.4 | 3710040 | SFN | -9.6 |
| 3870678 | HIST1H2AE | 10.0 | 6580577 | HNRNPD | -4.0 | 6180259 | HSPB8 | 3.3 | 610451 | HIST2H2AA3 | -9.0 |
| 1820592 | HIST2H2AA3 | 9.8 | 3190092 | LDHA | -3.9 | 2680128 | TMBIM4 | 3.3 | 3870678 | HIST1H2AE | -8.8 |
| 6520139 | FGFR3 | 9.0 | 270593 | GPER | -3.9 | 2510019 | EIF3E | 3.2 | 4290050 | ACOT7 | -8.7 |
| 270152 | SLC7A5 | 8.8 | 7650026 | MUC1 | -3.5 | 7150634 | APOD | 3.2 | 1510008 | GALR2 | -8.7 |
| 7610615 | SLC6A10P | 8.5 | 5870474 | RHOBTB3 | -3.2 | 6350189 | MGC4677 | 3.2 | 6100022 | HIST2H2AC | -8.3 |
| 1510008 | GALR2 | 8.4 | 4760243 | LOC648210 | -3.2 | 4070647 | ALDH3B2 | 3.1 | 5090750 | FOXC1 | -7.7 |
| 5090671 | GDF15 | 8.2 | 6650053 | MCM3 | -3.2 | 270593 | GPER | 3.1 | 7610615 | SLC6A10P | -7.1 |
| 7550064 | KCTD5 | 7.7 | 520463 | GPER | -3.2 | 4230091 | HNRPA2B1 | 3.1 | 7570484 | TFF3 | -7.0 |
| 3710040 | SFN | 7.6 | 1260162 | DNMT1 | -3.1 | 7570324 | ID3 | 3.0 | 780528 | CKS2 | -6.8 |
| 1510424 | S100P | 7.4 | 520209 | SRP9 | -3.1 | 7400377 | CEACAM6 | 3.0 | 7550064 | KCTD5 | -6.8 |
| 510373 | RHBDD2 | 7.4 | 610437 | CD24 | -3.0 | 3710154 | SLC7A2 | 2.9 | 5310411 | H2AFJ | -6.4 |
| 4260386 | CTSL1 | 7.2 | 1940593 | LOC653226 | -3.0 | 6650079 | C3ORF14 | 2.9 | 1820592 | HIST2H2AA3 | -6.4 |
| 6590592 | SDC1 | 7.1 | 3830131 | TUBA1C | -3.0 | 1010446 | C1QTNF6 | 2.8 | 3170100 | BMP7 | -6.1 |
| 4150189 | CTSL1 | 7.0 | 6280446 | LOC642989 | -3.0 | 4640689 | EIF4A2 | 2.8 | 830278 | GLIPR2 | -6.0 |
| 6650746 | RHBDD2 | 7.0 | 4640689 | EIF4A2 | -3.0 | 4830520 | KRT80 | 2.8 | 610201 | HES6 | -6.0 |
| 2710735 | RASD1 | 6.9 | 4540349 | LSM2 | -2.9 | 650168 | C17ORF58 | 2.8 | 4490475 | SLC30A3 | -5.4 |
| 2600463 | TNFRSF10B | 6.9 | 6960025 | DPY30 | -2.9 | 6580577 | HNRNPD | 2.8 | 5080192 | SERPINE2 | -5.3 |
| 990500 | AVPI1 | 6.8 | 1940164 | LSM5 | -2.9 | 4010347 | COPS5 | 2.7 | 6840075 | NP | -5.3 |
| 5490431 | SAT1 | 6.8 | 6760037 | SYTL2 | -2.8 | 520463 | GPER | 2.7 | 3990598 | DRAP1 | -5.1 |
| 2650521 | LRPAP1 | 6.7 | 5820601 | CCND1 | -2.8 | 5090215 | IFI6 | 2.7 | 6650746 | RHBDD2 | -5.0 |
| 5090750 | FOXC1 | 6.4 | 2710192 | MRPL3 | -2.8 | 1850468 | CCDC56 | 2.7 | 270152 | SLC7A5 | -5.0 |
| 2100196 | ISG15 | 6.4 | 1740136 | SLC38A2 | -2.7 | 1230523 | COMMD3 | 2.7 | 4780128 | ATF3 | -4.9 |
| 6840075 | NP | 6.3 | 6200402 | MT1A | -2.7 | 290603 | AARS | 2.7 | 4560717 | MDK | -4.7 |
| 3170162 | PRNP | 6.2 | 7330612 | ATP5G2 | -2.7 | 630243 | ATAD4 | 2.7 | 6020424 | LMNA | -4.7 |
| 4290050 | ACOT7 | 6.1 | 2680128 | TMBIM4 | -2.7 | 1470706 | C8ORF55 | 2.6 | 510373 | RHBDD2 | -4.7 |
| 10133 | SLC9A1 | 6.1 | 1470195 | MCM7 | -2.7 | 2710192 | MRPL3 | 2.6 | 2600463 | TNFRSF10B | -4.6 |
| 5080192 | SERPINE2 | 5.9 | 630243 | ATAD4 | -2.7 | 7320382 | SLC38A1 | 2.6 | 990500 | AVPI1 | -4.6 |
| 7570673 | UPP1 | 5.8 | 1430735 | NET1 | -2.7 | 4290605 | SLC44A1 | 2.6 | 6590592 | SDC1 | -4.6 |
| 4560717 | MDK | 5.7 | 7320382 | SLC38A1 | -2.7 | 6510176 | TUBA1B | 2.6 | 3290338 | POLR2A | -4.6 |
| 6400195 | MRPS6 | 5.6 | 450615 | MT2A | -2.7 | 6760037 | SYTL2 | 2.6 | 2650521 | LRPAP1 | -4.5 |
| 830278 | GLIPR2 | 5.5 | 6520424 | HIST1H3C | -2.6 | 3310538 | CD36 | 2.6 | 6200468 | CKS2 | -4.5 |
| 3940133 | FAM46A | 5.4 | 7200601 | MUC1 | -2.6 | 2000220 | HEATR6 | 2.6 | 6660132 | DCXR | -4.4 |
| 5860187 | PHYH | 5.4 | 5690066 | XBP1 | -2.6 | 6580131 | MRPL22 | 2.5 | 6650035 | LOC338758 | -4.3 |
| 3130079 | EIF2B2 | 5.3 | 3120341 | RAMP3 | -2.6 | 4860114 | CXCR7 | 2.5 | 3390730 | DOLK | -4.3 |
| 6650035 | LOC338758 | 5.2 | 1170170 | STC2 | -2.6 | 3190092 | LDHA | 2.5 | 4560164 | PDLIM7 | -4.3 |
| 5310411 | H2AFJ | 5.2 | 2190674 | IGFBP5 | -2.6 | 6840577 | KPNB1 | 2.5 | 5490431 | SAT1 | -4.3 |
| 2810367 | ABCB6 | 5.2 | 7380670 | MYB | -2.6 | 4390372 | BNIPL | 2.4 | 4570102 | BRMS1 | -4.3 |
| 4780128 | ATF3 | 5.2 | 2450156 | XBP1 | -2.6 | 1400070 | TBC1D9 | 2.4 | 7570673 | UPP1 | -4.2 |
| 3990598 | DRAP1 | 5.2 | 5340338 | E2F2 | -2.5 | 2120452 | MLPH | 2.4 | 6380717 | HSPA1A | -4.2 |
| 2140735 | RALGDS | 5.2 | 650168 | C17ORF58 | -2.5 | 1010246 | IFI6 | 2.4 | 6400195 | MRPS6 | -4.2 |
| 5420575 | SLC3A2 | 5.1 | 150343 | HS.213061 | -2.5 | 1940593 | LOC653226 | 2.4 | 5490673 | AP1S1 | -4.2 |
| 6560441 | XPC | 5.0 | 3060646 | C14ORF173 | -2.5 | 610324 | DDX1 | 2.4 | 5860187 | PHYH | -4.2 |
| 5870326 | SLC2A8 | 5.0 | 6840577 | KPNB1 | -2.5 | 520209 | SRP9 | 2.4 | 6220086 | DYNLL1 | -4.1 |
| 4280273 | GM2A | 4.9 | 6840056 | MYL6B | -2.5 | 3170519 | HARS2 | 2.4 | 2140735 | RALGDS | -4.1 |
| 5490673 | AP1S1 | 4.8 | 870148 | MSH6 | -2.5 | 7210632 | AKR1C3 | 2.4 | 3140750 | RBM38 | -4.0 |
| 6100022 | HIST2H2AC | 4.7 | 3710711 | STAG3L2 | -2.4 | 2940291 | QPRT | 2.4 | 4250458 | CFL1 | -4.0 |
| 3390730 | DOLK | 4.7 | 4120553 | WISP2 | -2.4 | 6960025 | DPY30 | 2.3 | 3170162 | PRNP | -4.0 |
| 7610131 | EPAS1 | 4.7 | 7000634 | CSE1L | -2.4 | 4900070 | GSTO1 | 2.3 | 5900592 | MGAT1 | -4.0 |
| 610201 | HES6 | 4.6 | 7150433 | TCTEX1D2 | -2.4 | 5090088 | EPRS | 2.3 | 2360753 | TBX2 | -4.0 |
| 1190739 | ITPRIPL2 | 4.6 | 6580474 | TUBB | -2.4 | 3890398 | WBP2 | 2.3 | 1780538 | SLC6A8 | -3.9 |
| 4490475 | SLC30A3 | 4.6 | 4010347 | COPS5 | -2.4 | 1510202 | RWDD1 | 2.3 | 2470689 | SPHK1 | -3.9 |
| 4570102 | BRMS1 | 4.5 | 1940576 | RPS6KB1 | -2.4 | 6840368 | RDH11 | 2.3 | 5870326 | SLC2A8 | -3.9 |
| 5900592 | MGAT1 | 4.5 | 4590356 | HNRNPD | -2.4 | 4810435 | SCARB2 | 2.3 | 2810367 | ABCB6 | -3.9 |
| 7160059 | ATP6V0B | 4.4 | 4480180 | DEK | -2.4 | 150474 | CA12 | 2.3 | 5490356 | NXF1 | -3.9 |
| 4390121 | ADRM1 | 4.3 | 1090239 | SF3B3 | -2.4 | 7330435 | CCDC6 | 2.3 | 1850075 | AGBL5 | -3.9 |
| 2140121 | BASP1 | 4.3 | 290343 | TTC3 | -2.4 | 6130424 | AKR1A1 | 2.2 | 5130162 | AK1 | -3.9 |
| 6220086 | DYNLL1 | 4.3 | 5960021 | HS.57079 | -2.4 | 2190184 | PRSS23 | 2.2 | 1510424 | S100P | -3.8 |
| 6380717 | HSPA1A | 4.3 | 3890475 | CENPN | -2.4 | 5820601 | CCND1 | 2.2 | 1430681 | TLCD1 | -3.8 |
| 3710647 | MXD4 | 4.3 | 5690274 | MCM6 | -2.4 | 7610747 | MRPL24 | 2.2 | 6560441 | XPC | -3.8 |
| 5130162 | AK1 | 4.3 | 5860152 | CD44 | -2.4 | 2510593 | HRASLS3 | 2.2 | 7650047 | SLC29A4 | -3.8 |
| 6660132 | DCXR | 4.3 | 4560600 | C3ORF57 | -2.4 | 6940255 | PLSCR3 | 2.2 | 6250131 | CABYR | -3.8 |
| 4200450 | G6PD | 4.2 | 6580131 | MRPL22 | -2.3 | 6480630 | ATP9A | 2.2 | 2900543 | ENDOG | -3.8 |
| 630706 | BTBD14A | 4.2 | 4200068 | NUP62 | -2.3 | 4760243 | LOC648210 | 2.2 | 1190739 | ITPRIPL2 | -3.7 |
| 5890450 | ATP6V1E1 | 4.2 | 5220767 | FLNB | -2.3 | 5960021 | HS.57079 | 2.2 | 1240221 | POLR2H | -3.7 |
| 6450138 | BCAP31 | 4.2 | 2000220 | HEATR6 | -2.3 | 6370612 | CHURC1 | 2.2 | 6200132 | FZD9 | -3.7 |
| 2470689 | SPHK1 | 4.1 | 3850053 | ANP32B | -2.3 | 4830687 | BCAS3 | 2.2 | 1990546 | KIAA0152 | -3.7 |
| 3170100 | BMP7 | 4.1 | 7150152 | PTPLAD1 | -2.3 | 650605 | LOC388789 | 2.2 | 4850497 | NXF1 | -3.7 |
| 4230520 | DNCL1 | 4.1 | 4210050 | WDR54 | -2.3 | 7330612 | ATP5G2 | 2.2 | 5910364 | TYMS | -3.7 |
| 6180446 | PRDX1 | 4.1 | 3450632 | C6ORF141 | -2.3 | 3390544 | HSP90AA1 | 2.2 | 4210692 | SAC3D1 | -3.7 |
| 4250458 | CFL1 | 4.1 | 2940044 | TMEM14B | -2.3 | 3460739 | RAB17 | 2.2 | 7200242 | SULF2 | -3.7 |
| 270129 | TMEM8 | 4.0 | 1850468 | CCDC56 | -2.3 | 4540349 | LSM2 | 2.2 | 7550070 | LOC730316 | -3.7 |
| 3890521 | DEDD2 | 4.0 | 1510202 | RWDD1 | -2.3 | 3890228 | MPZL2 | 2.2 | 4390121 | ADRM1 | -3.7 |
| 7380706 | NINJ1 | 4.0 | 5900746 | GNL3L | -2.3 | 4890671 | DHRS2 | 2.2 | 20446 | CEBPB | -3.7 |
| 4810128 | PHLDA2 | 4.0 | 6280672 | TMEM49 | -2.3 | 7150433 | TCTEX1D2 | 2.1 | 1500192 | HIST3H2A | -3.7 |
| 6860543 | ATP6V1E1 | 4.0 | 1010048 | CXXC5 | -2.3 | 5090347 | CD24 | 2.1 | 4230520 | DNCL1 | -3.6 |
| 1430681 | TLCD1 | 4.0 | 3360059 | CASP2 | -2.3 | 1260497 | RFTN1 | 2.1 | 6420369 | MDH2 | -3.6 |
| 1780538 | SLC6A8 | 4.0 | 5560246 | TPM1 | -2.3 | 6130138 | POLR3C | 2.1 | 940750 | HS.553217 | -3.6 |
| 4230678 | HIST2H2BE | 4.0 | 7400358 | TINP1 | -2.3 | 5260044 | GMFB | 2.1 | 5690711 | TMEM134 | -3.6 |
| 1990520 | GPS1 | 4.0 | 4900070 | GSTO1 | -2.3 | 6250382 | ANAPC13 | 2.1 | 6660315 | INPP1 | -3.6 |
| 5390411 | PHPT1 | 3.9 | 5340187 | TUBA1A | -2.3 | 7150152 | PTPLAD1 | 2.1 | 3310477 | TPI1 | -3.6 |
| 2060121 | FUCA1 | 3.9 | 3710154 | SLC7A2 | -2.3 | 5690066 | XBP1 | 2.1 | 4210095 | ATP1A1 | -3.5 |
| 7650047 | SLC29A4 | 3.9 | 2940079 | ENY2 | -2.3 | 3170273 | FER1L3 | 2.1 | 610356 | ZDHHC9 | -3.5 |
| 780168 | ISCU | 3.9 | 7320750 | ILVBL | -2.3 | 2940044 | TMEM14B | 2.1 | 670671 | TMEM134 | -3.5 |
| 610356 | ZDHHC9 | 3.9 | 60670 | LXN | -2.2 | 1990253 | TDG | 2.1 | 3710647 | MXD4 | -3.5 |
| 6250280 | PRDX1 | 3.9 | 5810605 | CCNI | -2.2 | 1010048 | CXXC5 | 2.1 | 6280504 | LOC100008589 | -3.5 |
| 20446 | CEBPB | 3.9 | 3420543 | PSMA4 | -2.2 | 50195 | RAB25 | 2.1 | 4490259 | COX8A | -3.5 |
| 4890181 | RAP1GAP | 3.9 | 3780528 | RPS27A | -2.2 | 2940079 | ENY2 | 2.1 | 6560390 | CRELD2 | -3.4 |
| 3140750 | RBM38 | 3.8 | 4780050 | UGDH | -2.2 | 5270619 | FGD3 | 2.1 | 4880433 | IDH2 | -3.4 |
| 6020564 | RRAGA | 3.8 | 5090088 | EPRS | -2.2 | 3450072 | CLIC1 | 2.1 | 990176 | RN7SK | -3.4 |
| 2060291 | STOM | 3.8 | 7150132 | PNN | -2.2 | 3120367 | SQLE | 2.1 | 5560075 | MFGE8 | -3.4 |
| 5490356 | NXF1 | 3.8 | 6040347 | RAMP3 | -2.2 | 7560025 | PSMA1 | 2.1 | 4810128 | PHLDA2 | -3.4 |
| 1500619 | LOC642755 | 3.8 | 2630161 | NOL11 | -2.2 | 6270138 | TACSTD2 | 2.1 | 10133 | SLC9A1 | -3.4 |
| 2470386 | DEXI | 3.8 | 3170184 | RPL36AL | -2.2 | 2340372 | MRFAP1 | 2.1 | 2630768 | LMNA | -3.4 |
| 670671 | TMEM134 | 3.8 | 510341 | VEZF1 | -2.2 | 830735 | CENTA1 | 2.1 | 1780619 | EHD1 | -3.3 |
| 5560131 | ATOX1 | 3.8 | 6180066 | NACA | -2.2 | 1740136 | SLC38A2 | 2.1 | 1820594 | HBEGF | -3.3 |
| 2900543 | ENDOG | 3.7 | 2680450 | HIST1H1D | -2.2 | 7150196 | TMEM87A | 2.1 | 2690047 | ARL6IP1 | -3.3 |
| 1230672 | TFF1 | 3.7 | 650605 | LOC388789 | -2.2 | 4560367 | NDUFA8 | 2.1 | 3610646 | LOC401019 | -3.3 |
| 4850497 | NXF1 | 3.7 | 3610064 | NACA | -2.2 | 5900746 | GNL3L | 2.1 | 4670021 | NPEPL1 | -3.3 |
| 1850075 | AGBL5 | 3.7 | 3840167 | TMEM14C | -2.2 | 4560022 | C2ORF25 | 2.0 | 110661 | TSPAN4 | -3.3 |
| 7570243 | SSR4 | 3.7 | 4850731 | TFPI | -2.2 | 2900441 | ZBTB4 | 2.0 | 2260619 | MIB2 | -3.3 |
| 6560390 | CRELD2 | 3.7 | 4150128 | LOC340598 | -2.2 | 6110754 | ATP5O | 2.0 | 6450605 | DDOST | -3.2 |
| 1990546 | KIAA0152 | 3.7 | 2120452 | MLPH | -2.2 | 3420543 | PSMA4 | 2.0 | 1990520 | GPS1 | -3.2 |
| 3400438 | HLA-A | 3.7 | 290603 | AARS | -2.2 | 6860300 | SMARCA4 | 2.0 | 650634 | SLC25A39 | -3.2 |
| 4200692 | NEU1 | 3.7 | 1230044 | SSBP1 | -2.2 | 4280672 | KRT86 | 2.0 | 60121 | CTSB | -3.2 |
| 7570484 | TFF3 | 3.7 | 6860300 | SMARCA4 | -2.2 | 3060110 | SFRS6 | 2.0 | 4280273 | GM2A | -3.2 |
| 6660315 | INPP1 | 3.6 | 6550754 | EVL | -2.2 | 1770546 | ATIC | 2.0 | 2470386 | DEXI | -3.2 |
| 6200132 | FZD9 | 3.6 | 1470706 | C8ORF55 | -2.2 | 1260162 | DNMT1 | 2.0 | 2710735 | RASD1 | -3.2 |
| 1430647 | TAX1BP3 | 3.6 | 2120524 | IGFBP5 | -2.2 | 2490333 | ZNF467 | 2.0 | 3890521 | DEDD2 | -3.2 |
| 2320689 | LOC653610 | 3.6 | 2340372 | MRFAP1 | -2.2 | 7100220 | XYLT2 | 2.0 | 1510291 | PTTG1 | -3.2 |
| 1510703 | MFSD3 | 3.6 | 940075 | SPDEF | -2.2 | 7380110 | CDK4 | 2.0 | 7550343 | PRDX6 | -3.2 |
| 6020424 | LMNA | 3.5 | 1070215 | CAV1 | -2.2 |  |  |  | 7380706 | NINJ1 | -3.2 |
| 6110630 | HIST1H2BK | 3.5 | 6270138 | TACSTD2 | -2.2 |  |  |  | 1940360 | TPI1 | -3.1 |
| 4730685 | RAB7A | 3.5 | 7150349 | TPD52L1 | -2.2 |  |  |  | 5960682 | RBPMS2 | -3.1 |
| 5560075 | MFGE8 | 3.5 | 6560672 | HNRPR | -2.2 |  |  |  | 870537 | LOC134997 | -3.1 |
| 430465 | G6PD | 3.5 | 4250445 | RPL4 | -2.2 |  |  |  | 780341 | CCDC3 | -3.1 |
| 1780619 | EHD1 | 3.5 | 4180050 | TIMELESS | -2.2 |  |  |  | 3420523 | RHBDF2 | -3.1 |
| 1500192 | HIST3H2A | 3.5 | 5360070 | CCNB2 | -2.1 |  |  |  | 3370164 | ATP1A1 | -3.1 |
| 940750 | HS.553217 | 3.5 | 6560088 | C3ORF14 | -2.1 |  |  |  | 1940129 | SIRPA | -3.1 |
| 3120544 | METRN | 3.5 | 7160753 | SAE1 | -2.1 |  |  |  | 3130079 | EIF2B2 | -3.1 |
| 7200242 | SULF2 | 3.4 | 4560022 | C2ORF25 | -2.1 |  |  |  | 3800050 | ADCY3 | -3.1 |
| 3290338 | POLR2A | 3.4 | 2760292 | PPP1CC | -2.1 |  |  |  | 1110338 | MYL6 | -3.1 |
| 3940482 | CDR2L | 3.4 | 6110754 | ATP5O | -2.1 |  |  |  | 6020564 | RRAGA | -3.1 |
| 1260086 | ID2 | 3.4 | 4880360 | FBL | -2.1 |  |  |  | 6450138 | BCAP31 | -3.1 |
| 6250131 | CABYR | 3.4 | 5220022 | GFRA1 | -2.1 |  |  |  | 1500619 | LOC642755 | -3.1 |
| 1820594 | HBEGF | 3.4 | 3800647 | UGCG | -2.1 |  |  |  | 3940482 | CDR2L | -3.0 |
| 3420523 | RHBDF2 | 3.3 | 5090754 | KIAA0101 | -2.1 |  |  |  | 4070017 | ODC1 | -3.0 |
| 7570494 | CNFN | 3.3 | 620754 | RPS5 | -2.1 |  |  |  | 7570494 | CNFN | -3.0 |
| 4900440 | CIB1 | 3.3 | 6420424 | PAICS | -2.1 |  |  |  | 5090156 | NBL1 | -3.0 |
| 7150475 | WDR1 | 3.3 | 6020735 | GINS2 | -2.1 |  |  |  | 630706 | BTBD14A | -3.0 |
| 7550343 | PRDX6 | 3.3 | 2850575 | RRM1 | -2.1 |  |  |  | 5560494 | RPS15 | -3.0 |
| 4830056 | ARPC5L | 3.3 | 6400270 | HPRT1 | -2.1 |  |  |  | 6450543 | CST3 | -3.0 |
| 1240221 | POLR2H | 3.3 | 1450390 | RPL17 | -2.1 |  |  |  | 1260086 | ID2 | -3.0 |
| 990176 | RN7SK | 3.3 | 7380110 | CDK4 | -2.1 |  |  |  | 840296 | LOC440926 | -3.0 |
| 4260044 | SQSTM1 | 3.2 | 3990619 | TOP2A | -2.1 |  |  |  | 6770309 | MYL6 | -3.0 |
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