| gene_id | gene_name | **Z2Sc condition** |
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| ENSG00000111452 | ADGRD1 |
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| ENSG00000115165 | CYTIP |
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| ENSG00000118257 | NRP2 |
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| ENSG00000119922 | IFIT2 |
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| ENSG00000130052 | STARD8 |
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| ENSG00000139567 | ACVRL1 |
| ENSG00000139644 | TMBIM6 |
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ENSG00000198796 ALPK2
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ENSG00000198821 CD247
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ENSG00000198910 L1CAM
ENSG00000198915 RASGEF1A
ENSG00000198945 L3MBTL3
ENSG00000198947 DMD
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ENSG00000203499 IQANK1
ENSG00000203697 CAPN8
ENSG00000203814 HIST2H2BF
ENSG00000203867 RBM20
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ENSG00000204060 FOXO6
ENSG00000204131 NHSL2
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ENSG00000204209 DAXX

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| ENSG00000204262 | COL5A2 |
| ENSG00000204396 | VWA7 |
| ENSG00000204397 | CARD16 |
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| ENSG00000204520 | MICA |
| ENSG00000204540 | PSORS1C1 |
| ENSG00000204580 | DDR1 |
| ENSG00000204616 | TRIM31 |
| ENSG00000204628 | RACK1 |
| ENSG00000204634 | TBC1D8 |
| ENSG00000204767 | FAM196B |
| ENSG00000204815 | TTC25 |
| ENSG00000204866 | IGFL2 |
| ENSG00000204882 | GPR20 |
| ENSG00000204920 | ZNF155 |
| ENSG00000204954 | C12orf73 |
| ENSG00000204960 | BLACE |
| ENSG00000204991 | SPIRE2 |
| ENSG00000205078 | SYCE1L |
| ENSG00000205086 | C2orf91 |
| ENSG00000205133 | TRIQK |
| ENSG00000205212 | CCDC144NL |
| ENSG00000205309 | NT5M |
| ENSG00000205336 | ADGRG1 |
| ENSG00000205639 | MFSD2B |
| ENSG00000205726 | ITSN1 |
| ENSG00000205744 | DENND1C |
| ENSG00000205795 | CYS1 |
| ENSG00000205832 | C16orf96 |
| ENSG00000206077 | ZDHHC11B |
| ENSG00000206190 | ATP10A |
| ENSG00000206561 | COLQ |
| ENSG00000211584 | SLC48A1 |
| ENSG00000212719 | C17orf51 |
| ENSG00000212901 | KRTAP3-1 |
| ENSG00000213160 | KLHL23 |
| ENSG00000213213 | CCDC183 |
| ENSG00000213397 | HAUS7 |
| ENSG00000213445 | SIPA1 |
| ENSG00000213780 | GTF2H4 |
| ENSG00000213889 | PPM1N |
| ENSG00000213903 | LTB4R |
| ENSG00000213949 | ITGA1 |
| ENSG00000213999 | MEF2B |
| ENSG00000214026 | MRPL23 |
| ENSG00000214050 | FBXO16 |
| ENSG00000214226 | C17orf67 |
| ENSG00000214357 | NEURL1B |
| ENSG00000214456 | PLIN5 |

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| ENSG00000214688 | C10orf105 |
| ENSG00000214711 | CAPN14 |
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| ENSG00000214944 | ARHGEF28 |
| ENSG00000214954 | LRRC69 |
| ENSG00000215018 | COL28A1 |
| ENSG00000215045 | GRID2IP |
| ENSG00000215182 | MUC5AC |
| ENSG00000215252 | GOLGA8B |
| ENSG00000215271 | HOMEZ |
| ENSG00000215440 | NPEPL1 |
| ENSG00000215529 | EFCAB8 |
| ENSG00000215910 | C1orf167 |
| ENSG00000215912 | TTC34 |
| ENSG00000217930 | PAM16 |
| ENSG00000219626 | FAM228B |
| ENSG00000221823 | PPP3R1 |
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| ENSG00000221909 | FAM200A |
| ENSG00000221986 | MYBPHL |
| ENSG00000224383 | PRR29 |
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| ENSG00000225940 | C5orf67 |
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| ENSG00000226321 | CROCC2 |
| ENSG00000226690 | AC013470.2 |
| ENSG00000227471 | AKR1B15 |
| ENSG00000231672 | DIRC3 |
| ENSG00000232119 | MCTS1 |
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| ENSG00000236383 | LINC00854 |
| ENSG00000236699 | ARHGEF38 |
| ENSG00000239605 | STPG4 |
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| ENSG00000241489 | AC244197.3 |
| ENSG00000241644 | INMT |
| ENSG00000241697 | TMEFF1 |
| ENSG00000241935 | HOGA1 |
| ENSG00000241962 | AC079447.1 |
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| ENSG00000242852 | ZNF709 |
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| ENSG00000243696 | AC006254.1 |
| ENSG00000243709 | LEFTY1 |
| ENSG00000243710 | CFAP57 |
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| ENSG00000243910 | TUBA4B |
| ENSG00000243978 | RTL9 |
| ENSG00000244122 | UGT1A7 |
| ENSG00000244405 | ETV5 |
| ENSG00000244486 | SCARF2 |
| ENSG00000244607 | CCDC13 |
| ENSG00000246922 | UBAP1L |
| ENSG00000248405 | PRR5-ARHGAP8 |
| ENSG00000248767 | AC187653.1 |
| ENSG00000249209 | AP000311.1 |
| ENSG00000249715 | FER1L5 |
| ENSG00000249884 | RNF103-CHMP3 |
| ENSG00000249961 | TERB1 |
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| ENSG00000251287 | ALG1L2 |
| ENSG00000251322 | SHANK3 |
| ENSG00000253309 | SERPINE3 |
| ENSG00000254402 | LRRC24 |
| ENSG00000254827 | SLC22A18AS |
| ENSG00000255346 | NOX5 |
| ENSG00000255508 | AP002990.1 |
| ENSG00000255872 | AL138752.2 |
| ENSG00000256061 | DNAAF4 |
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| ENSG00000256806 | C17orf100 |
| ENSG00000257335 | MGAM |
| ENSG00000257743 | MGAM2 |
| ENSG00000257923 | CUX1 |
| ENSG00000257987 | TEX49 |
| ENSG00000258102 | MAP1LC3B2 |
| ENSG00000258461 | AC012651.1 |
| ENSG00000258472 | AC005726.2 |
| ENSG00000258659 | TRIM34 |
| ENSG00000259316 | AC087632.1 |
| ENSG00000259417 | CTXND1 |
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| ENSG00000260220 | CCDC187 |
| ENSG00000260230 | FRRS1L |
| ENSG00000260300 | AC009119.2 |
| ENSG00000260314 | MRC1 |
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| ENSG00000261341 | AC010325.1 |
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| ENSG00000263429 | LINC00675 |
| ENSG00000263639 | MSMB |
| ENSG00000263961 | C1orf186 |
| ENSG00000264230 | ANXA8L1 |
| ENSG00000264324 | AC006030.1 |
| ENSG00000265190 | ANXA8 |
| ENSG00000266074 | BAHCC1 |
| ENSG00000266076 | AC004805.1 |
| ENSG00000266094 | RASSF5 |
| ENSG00000266714 | MYO15B |
| ENSG00000267561 | AC093155.3 |
| ENSG00000269113 | TRABD2B |
| ENSG00000269404 | SPIB |
| ENSG00000269693 | AC010422.6 |
| ENSG00000270106 | TSNAX-DISC1 |
| ENSG00000270647 | TAF15 |
| ENSG00000271447 | MMP28 |
| ENSG00000271605 | MILR1 |
| ENSG00000272305 | AC096887.1 |
| ENSG00000272636 | DOC2B |
| ENSG00000272899 | AC025594.2 |
| ENSG00000273167 | AL359736.1 |
| ENSG00000273259 | AL049839.2 |
| ENSG00000273398 | AC017083.4 |
| ENSG00000273899 | NOL12 |
| ENSG00000274070 | CASTOR2 |
| ENSG00000274322 | AL136531.2 |
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| ENSG00000276043 | UHRF1 |
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| ENSG00000278500 | AC009336.2 |
| ENSG00000278540 | ACACA |
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| ENSG00000281106 | LINC00282 |
| ENSG00000283154 | IQCJ-SCHIP1 |
| ENSG00000283297 | AC005841.2 |
| ENSG00000283782 | AC116366.3 |
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